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Plate 919 G.

H.P.	No. Cf.	Dec.	Magn	Obs. Bv.	Diff.	Resid.
207	1	+21° 59′	5.1	6.5	14	1
245	3	−16 18	5.5	6.6	11	2
236	4	−22 15	5.1	6.4	13	0
				Mean = 13	3	$\frac{1-2}{3}$ .03

Plate 920 G.

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Plate 941 ♀

H.P.	No. Ex.	Dec.	Mag.	Obs. Br.	Diff.	Reid.
799	2	-3 36	4.1	4.8	7	1
788	2	-3 28	6.1	6.3	2	4
806	2	-2 43	3.3	6.3	10	4
813	3	-12 21	4.9	6.0	11	3
716	1	+8 36	4.3	4.8	5	1
749	0	-20 35	3.3	3.9	6	0
757	1	+9 11	5.1	3.5	4	2
706	4	-20 40	3.6	6.5	9	3
713	1	+9 42	5.0	3.7	7	1
798	1	+9 55	4.6	3.2	6	0
803	2	+0 46	3.4	3.8	4	2
778	2	+1 7	3.6	3.9	3	3
823	3	-9 1	6.0	6.4	4	2
829	1	+11 29	5.6	6.3	7	1
814	1	+11 38	3.3	3.9	6	0
746	3	-7 32	3.6	6.3	7	1
805	1	+12 16	4.3	3.0	7	1
777	1	+12 47	3.2	3.6	4	2
792	3	-7 0	3.6	6.1	5	1
695	4	-16 42	3.4	6.0	6	0
784	1	+13 29	3.4	6.0	6	0
742	1	+14 48	3.1	3.8	7	1
791	2	+5 19	3.8	6.3	5	1
808	1	+15 42	4.8	3.8	10	4
776	1	+15 36	3.6	4.3	7	1
783	1	+15 56	4.9	5.6	7	1
758	3	-4 1	5.3	6.0	7	1

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Plate 932 Ly.

H.P	No. Ex.	Dec.	Mag.	Obs. Br	Diff.	Reed.
385	3	−12 50	5.9	5.7	8	2
382	1	+10 5	5.4	5.8	4	2
285	1	+10 28	5.8	6.5	7	1

Plate 909 Ly. 7

H.P.	No. Ex.	Dec.	Mag.	Obs. Br.	Diff.	Reed.
193	1	+37 5	5.8	6.1	5	4
105	2	+47 12	5.5	6.0	9	0
107	2	+47 38	4.6	5.3	11	2
148	1	+37 51	3.9	4.7	11	2
100	2	+49 51	4.8	5.3	10	1
127	1	+40 26	4.4	5.2	11	2
160	1	+40 41	5.9	6.5	9	0
176	1	+43 18	5.3	5.5	5	4
159	1	+44 3	5.7	6.0	7	2
189	2	+54 31	4.4	4.5	7	2
133	1	+44 20	5.9	6.4	9	0
110	2	+54 34	5.4	5.5	7	2
182	1	+46 36	4.3	4.5	13	4

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* Plate 864 - 9.

H.P.	No. Ex	Dec.	Mag.	Obs. Br.	Diff.	Reid.
474	2	-3 16	5.0	6.5	15	6
478	2	-2 57	5.4	6.5	11	2
477	1	+8 26	4.6	5.5	9	0
519	3	-9 16	4.8	5.8	10	1
492	4	-8 4	5.4	5.9	5	1
520	3	-6 21	6.0	6.6	6	3

Plate 952 -

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Plate 981. Ly.

H.P. No. Ex. Dec. Mag. Obs. Br. Diff. Recid.

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* Plate 949. G.

H.P.	No. Ex.	Dec.	Mag.	Obs. Br.	Diff.	Read.
4252	3	+18 0	4.6	5.6	11	5
4245	2	-3 42	5.1	5.8	7	1
4227	1	+6 24	6.1	6.3	2	4
33	3	-10 14	5.4	6.0	6	0
4218	1	+11 16	5.3	5.8	5	1
12	1	+10 29	5.4	5.6	2	4

Plate 973 G.

68	3	-24 27	5.2	6.6	15	1

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*Plate 894. Q.

H.P.	No. Ex.	Dec.	Mag.	Obs Rr.	Diff.	Resid.
33	3	-10 14	5.4	6.0	6	1
12	1	+10 29	5.4	5.8	4	1

Plate 883. Q.

389	1	+7 55	4.4	6.2	18	2
418	2	-0 11	4.1	5.9	18	2
433	2	+2 44	3.6	5.6	20	0
436	4	-14 22	4.3	6.8	25	3

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Plate 890 - 9.

H.P.	No. Ex.	Dec.	Mag.	Obs. Br.	Diff.	Resid.

Plate 897 - 9.

433	1	+2	44	3.6	5.0	14	8
386	3	-15	53	5.5	6.4	9	3
436	3	-14	22	4.3	4.5	2	4
463	2	-4	12	5.2	5.6	4	2
474	2	-3	16	5.0	5.3	3	3
478	2	-2	57	5.4	5.8	4	2
389	1	+7	35	4.4	4.9	5	1
477	1	+8	26	4.6	5.2	6	0
418	2	-0	11	4.1	4.5	4	2
430	1	+10	14	6.3	6.8	5	1

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Plate 830 ~ b.

H.P.	No. Ex.	Dec.	Mag.	Obs. Br.	Diff.	Read.

Plate 880 ~ b.

172	3	−10 29	5.4	7.1	17	1
207	2	+2 59	5.1	6.7	16	0

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Plate 895. G.

H. P.	No. Ex.	Dec.	Mag.	Obs. Br.	Diff.	Reed.
172	3	-10 29	5.4	6.2	8	2
166	2	+0 43	6.0	6.4	4	2
207	2	+2 59	5.1	5.7	6	1
202	1	+15 30	5.9	6.3	4	2

Plate 986 G.

68	4	-24 27	5.2	5.8	7	3
72	1	+6 18	5.7	6.0	3	1
124	4	-22 23	5.5	5.6	2	2

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Plate 911 - G.

H.P.	No. Ex	Dec.	Mag.	Obs. Br	Diff.	Read.
236	4	-22 15	5.1	5.6	6	1
305	1	+11 43	6.2	6.8	6	1
320 / 321	2	+2 11	4.0	4.8	8	1
245	4	-16 18	5.5	6.0	5	2
277	1	+16 22	5.6	6.3	9	2

Plate 988 - G.

245	3	-16 18	5.5	6.2	7	1
236	4	-22 15	5.1	5.5	5	1

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Plate 1002 - G.

H. P.	No. Ex.	Dec.	Mag.	Obs. Br.	Diff.	Resid.
172	3	-10 29	5.4	5.9	5	1
202	1	+15 30	5.9	6.3	4	0

Plate 1028 - G.

571	2	-5 29	4.8	6.0	12	3
616	1	+5 40	5.7	6.3	6	3
579	4	-22 2	4.2	5.2	11	2
611	2	-1 33	5.1	6.2	11	2
574	1	+8 58	5.5	6.3	8	1
554	1	+9 19	3.8	4.3	5	4

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Book-10 2nd. Cycle

Plate 919 G.

H.P.	Ex	Dec	Mag	Obs. Br	½ cos δ		Diff.	Resid.	½ cos δ Diff.	½ cos δ Resid	Obs Br. Cor. δ	Cor. δ Diff.	Resid
207	1	+2° 39	5.1	6.5	00	6.5	14	1	14	1	-.1 6.4	13	2
245	3	-16 18	5.5	6.6	00	6.6	11	2	11	2	-.2 6.4	9	3
236	4	-22 15	5.1	6.4	00	6.4	13	0	13	0	-.3 6.1	10	1
		Mean = 13					3	1-2 =	38	1-2 =		32	
								3		3		11	
									Mean = 13				

Plate 940. G.

635	1	+6 11	5.7	6.3	00	6.3	6	1	6	1	-.1 6.2	5	1
579	4	-22 21	4.2	5.4	00	5.4	13	6	12	5	-.3 5.1	9	3
662	2	-1 33	5.2	6.5	00	6.5	13	6	13	6	-.1 6.4	12	6
611	2	-1 33	5.1	5.7	00	5.7	6	1	6	1	-.1 5.6	5	1
574	1	+8 58	5.5	6.8	00	6.8	13	6	13	6	-.0 6.8	13	7
609	3	-10 52	5.6	6.2	00	6.2	6	1	6	1	-.2 6.0	4	2
554	1	+9 19	3.8	5.2	00	5.2	14	7	14	7	-.0 5.2	14	8
661	1	+9 39	5.9	6.0	00	6.0	1	6	1	6	-.0 6.0	1	5
622	1	+10 46	5.1	5.6	00	5.6	5	2	5	2	-.0 5.6	5	1
563	1	+10 56	5.1	5.7	00	5.7	6	1	6	1	-.0 5.7	6	0
582	4	-17 52	5.3	5.7	00	5.7	5	2	4	3	-.2 5.5	2	4
640	3	-5 43	5.4	5.8	00	5.8	4	3	4	3	-.1 5.7	3	3
593	3	-5 36	5.4	5.7	00	5.7	3	4	3	4	-.1 5.6	2	4
571	3	-5 29	4.8	5.3	00	5.3	5	2	5	2	-.1 5.2	4	2
616	2	+5 40	5.7	6.0	00	6.0	3	4	3	4	-.1 5.9	2	4
651	2	+5 44	5.9	6.8	00	6.8	9	2	9	2	-.1 6.7	8	2
635	2	+6 11	5.7	7.0	00	7.0	13	6	13	6	-.1 6.9	12	6
		Mean = 7					17	33-27 =	123	32-28 =		107	32-27
								17		17			17
									Mean = 7		Mean = 6		

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~~Plate 1068 G.~~

~~H.P.~~ ~~Gr.~~ No. Acc. ~~Mag.~~ Obs. ~~Bin.~~ ~~Diff.~~ Reid.

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Book 10

Plate 932. G.

H.P.	No. Ex.	Dec.	Mag.	Obs Br	½ cos δ	Diff.	Resid.	Diff.	Resid	Cor δ	+ Cord	Diff.	Resid.
3203		+ 2 11	4.0	4.9	0.0	4.9		9	3	-.1	4.8	8	3
385	3	-12 50	4.9	5.7	0.0	5.7	8	8	2	-.2	5.5	6	1
327		- 0 27	5.4	5.7	0.0	5.7		3	3	-.1	5.6	2	3
382	1	+10 5	5.4	5.8	0.0	5.8	4	4	2	-.0	5.8	4	1
285	1	+10 28	5.8	6.5	0.0	6.5	7	7	1	-.0	6.5	6	1
								31	6-5 / 5 =			26	5-4 / 5
		Mean = 6					3	3-2 / 3	Mean = 6		Mean = 5		

* Plate 909. G. J.

193	1	+37 5	5.8	6.1	5	4
105	2	+47 12	5.5	6.0	9	0
107	2	+47 38	4.6	5.3	11	2
148	1	+37 51	3.9	4.7	11	2
100	2	+49 51	4.8	5.3	10	1
127	1	+44 26	4.4	5.2	11	2
160	1	+40 44	5.9	6.5	9	0
176	1	+43 18	5.3	5.5	5	4
159	1	+44 3	5.9	6.0	7	2
189	2	+54 31	4.4	4.5	7	2
133	1	+44 20	5.9	6.4	9	0
110	2	+54 34	5.4	5.5	7	2
182	1	+46 36	4.3	4.5	13	4
		Mean = 9				11-14 / 13 = -.08

Entered in Book 31

* This Plate not included in grouping of Book 10. To be entered in Book 31 & grouped with Book 9

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H.P. Ex. Dec. Mag. Obs. Bor. Diff. Reed.

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Book 10

Plate 941

N.P.	No. Ex.	Dec	Mag	Obs Br.	½ cos δ	Diff.	Resid	Diff.	Resid	Obs. Br. Corr.	Corr.	Diff.	Resid
799	2	-3 36	4.1	4.8	0.0	4.8	7	1	7	1	-.1	4.7	6	1
788	2	-3 28	6.1	6.3	0.0	6.3	2	4	2	4	-.1	6.2	1	4
806	2	-2 43	5.3	6.3	0.0	6.3	10	4	10	4	-.1	6.2	9	2
813	2	-12 21	4.9	6.0	0.0	6.0	11	5	11	5	-.2	5.8	9	4
716	1	+8 36	4.3	4.8	0.0	4.8	3	1	3	1	-.0	4.8	3	1
749	4	-20 35	5.3	5.9	0.0	5.9	6	0	6	0	-.3	5.6	3	2
757	1	+9 11	5.1	5.5	0.0	5.5	4	2	4	2	-.0	5.5	4	1
706	4	-20 40	5.6	6.3	0.0	6.3	9	3	9	3	-.3	6.2	6	1
713	1	+9 42	5.0	5.7	0.0	5.7	7	1	7	1	-.0	5.7	7	2
798	1	+9 55	4.6	5.2	0.0	5.2	6	0	6	0	-.0	5.2	6	1
803	2	+0 46	5.4	5.8	0.0	5.8	4	2	4	2	-.1	5.7	3	2
771		+10 57	5.8	6.1	0.0	6.1	3	3	3	3	-.0	6.1	3	2
778	2	+1 7	5.6	5.9	0.0	5.9	3	3	3	3	-.1	5.8	2	3
823	3	-9 1	6.0	6.4	0.0	6.4	4	2	4	2	-.1	6.3	3	2
829	1	+11 29	5.6	6.3	0.0	6.3	7	1	7	1	-.0	6.3	7	2
814	1	+11 38	5.3	5.9	0.0	5.9	6	0	6	0	-.0	5.9	6	1
746	2	-7 52	5.6	6.3	0.0	6.3	7	1	7	1	-.1	6.2	6	1
805	1	+12 16	4.3	5.0	0.0	5.0	7	1	7	1	-.0	5.0	7	2
777	1	+12 47	5.2	5.6	0.0	5.6	4	2	4	2	-.0	5.6	4	1
792	3	-7 0	5.6	6.1	0.0	6.1	5	1	5	1	-.1	6.0	4	1
695	4	-16 42	5.4	6.0	0.0	6.0	6	0	6	0	-.2	5.8	4	1
784	1	+13 29	5.4	6.0	0.0	6.0	6	0	6	0	-.0	6.0	6	1
742	1	+14 48	5.1	5.8	0.0	5.8	7	1	7	1	-.0	5.8	7	2
791	2	+5 19	5.8	6.3	0.0	6.3	5	1	5	1	-.1	6.2	4	1
808	1	+15 42	4.8	5.8	0.0	5.8	10	4	10	4	-.0	5.8	10	5
776	1	+15 36	3.6	4.3	0.0	4.3	7	1	7	1	-.0	4.3	7	2
783	1	+15 56	4.9	5.6	0.0	5.6	7	1	7	1	-.0	5.6	7	2
758	3	-4 1	3.3	6.0	0.0	6.0	7	1	7	1	-.1	5.9	6	1

Mean = 6

25 − 18 = 27

172 $\frac{25-21}{28}$

Mean = 6

152 $\frac{32-20}{28}$

Mean = 5

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Book 10

* Plate 864 - ~~9~~.

Th. P.	No. Ex.	Dec.	Mag.	Obs. Br.		Diff. Read.

Entered in Book 29.

Plate 952 9.

											Cor'd.	Obs. Br. + Cor'd.	Diff. Resid	
' 474	2	-3 16	5.0	6.3	00	6.3	13	6	15	6	-.1	6.4	14	6
' 478	2	-2 37	5.4	6.5	00	6.5	11	2	11	2	-.1	6.4	10	2
' 477	1	+8 26	4.6	5.3	00	5.3	9	0	9	0	-.0	5.5	9	1
' 519	3	-9 16	4.8	5.8	00	5.8	10	1	10	1	-.1	5.7	9	1
' 492	4	-8 4	5.4	5.9	00	5.9	5	4	5	4	-.1	5.8	4	4
' 520	3	-2 21	6.0	6.6	00	6.6	6	3	6	3	-.1	6.5	5	3
			Mean = 9						56	$\frac{9-7}{6}$ =			51	$\frac{10-7}{6}$
								$\frac{9-7}{6}$	Mean = 9				Mean = 8	

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Book 10

Plate 981 - δ.

H.P.	No. Ex.	Dec.	Mag.	Obs Br.	½ cos δ	Diff.	Resid	Diff.	Resid	Obs Br. Cord	Cord	Diff.	Resid
385	3	-12 50	4.9	5.9	00	5.9	10	2	10	2	-.2	5.7	8	1
389	1	+7 55	4.4	5.4	00	5.4	10	2	10	2	-.0	5.4	10	3
418	2	-0 11	4.1	5.2	00	5.2	11	3	11	3	-.1	5.1	10	3
382	1	+10 5	5.4	6.0	00	6.0	6	2	6	2	-.0	6.0	6	1
430	1	+10 14	6.3	6.5	00	6.5	2	6	2	6	-.0	6.5	2	5
435	1	+11 57	5.2	5.9	00	5.9	7	1	7	1	-.0	5.9	7	0
433	2	+2 44	3.6	4.5	00	4.3	9	1	9	1	-.1	4.4	8	1
386	4	-15 33	5.5	6.1	00	6.1	6	2	6	2	-.2	5.9	4	3
436	4	-14 22	4.3	5.1	00	5.1	8	0	8	0	-.2	4.9	6	1
									69	8-11			61	8-10

Mean = 8

$\frac{8-11}{9} = -.03$

$\frac{8-11}{9} =$ Mean = 8

Mean = 7

* Plate 949 - δ.

4232	3	-18 0	4.6	5.6	11	3	
4243	2	-3 42	5.1	5.8	7	1	
4227	1	+6 24	6.1	6.3	2	4	Entered in Book 29.
33	3	-10 14	5.4	6.0	6	0	
4218	1	+10 16	5.3	5.8	5	1	
12	1	+10 29	5.4	5.6	2	4	

Mean = 6

$\frac{6-9}{6} = -.5$

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Book 10

Plate 975 - G.

H.P.	No Ex.	Dec.	Mag.	Obs. Br.	1/2 cos δ	Diff.	Recd.	Obs Br Cor.	Obs Br + Cor.
68	3	-24 27	5.2	6.6	0.1	67	15	1	-.3
172	3	-10 29	5.4	6.7	0.0	6.7	13	1	-.2

Mean = 14 $\frac{1-1}{2}$ = Δ

* Plate 894 - G.

Entered in Book 29.

33	3	-10 14	5.4	6.0		6	1	
12	1	+10 29	5.4	5.8		4	1	

Mean = 5 $\frac{1-1}{2}$ = Δ

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Book 10

Plate 883. ϒ.

H.P.	No. Ex.	Dec.	Mag.	Obs. Br.	½ cos δ	Diff.	Resid.	Diff.	Resid	Obs Br. Cor. δ	+ Corr. δ	Diff.	Resid
389	1	+7 55	4.4	6.2	00	6.2	18	2	18	2	-.0	6.2	18	1
418	2	-0 11	4.1	5.9	00	5.9	18	2	18	2	-.1	5.8	17	2
433	2	+2 44	3.6	5.6	00	5.6	20	0	20	0	-.1	5.5	19	0
436	4	-14 22	4.3	6.8	00	6.8	25	5	25	5	-.2	6.6	23	4
									81	4-11			77	4-3

Mean = 20 $\frac{5-4}{4} = .00$ Mean = 20 Mean = 19

Plate 890. ϒ.

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Book 10

Plate 897. ♀.

H.P.	No. Ex.	Dec.	Mag.	Obs. Br.	½ cos δ	Diff.	Resid.	Diff.	Resid.	Obs Br. Coord.	Coord.	Diff.	Resid.
1133	1	+2 44	3.6	5.0	00	5.0	14	8	14	8	-.1	4.9	13	8
386	3	-15 53	5.5	6.4	00	6.4	9	3	9	3	-.2	6.2	7	2
436	3	-14 22	4.3	4.5	00	4.5	2	4	2	4	-.2	4.3	0	5
463	2	-4 12	5.2	5.6	00	5.6	4	2	4	2	-.1	5.5	3	2
474	2	-3 16	5.0	5.3	00	5.8	3	3	3	3	-.1	5.2	2	3
478	2	-2 57	5.4	5.8	00	5.8	4	2	4	2	-.1	5.7	3	2
389	1	+7 53	4.4	4.9	00	4.9	5	1	5	1	-.0	4.9	5	0
477	1	+8 26	4.6	5.2	00	5.2	6	0	6	0	-.0	5.2	6	1
418	2	-0 11	4.1	4.5	00	4.5	4	2	4	2	-.1	4.4	3	2
430	1	+10 14	6.3	6.8	00	6.8	5	1	5	1	-.0	6.8	5	0
									56	11 - 15 =			47	11 - 14
				Mean = 6			11 - 15 = -.04			10	Mean = 6		Mean = 5	10
							10							

Plate 830. ♀.

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Book 10

Plate 880 - 2.

H.P.	No. Ex.	Dec.	Mag.	Obs. Br.	½cos δ	Diff.	Read.	·½cos δ· Diff.	Read.
172	3	-10 29	5.4	7.1	00	7.1	17	1	
207	2	+2 59	5.1	6.7	00	6.7	16	0	
				Mean = 16				$\frac{1-0}{2} = .05$	

Plate 895

'	172	3	-10 29	5.4	6.2	00	6.2	8	2	8	2	-.2	6.0	6	2
'	166	2	+0 43	6.0	6.4	00	6.4	4	2	4	2	-.1	6.3	3	1
'	207	2	+2 59	5.1	5.7	00	5.7	6	0	6	0	-.1	5.6	5	1
'	202	1	+13 30	5.9	6.3	00	6.3	4	2	4	2	-.0	6.3	4	0
					Mean = 6					22	$\frac{2-2}{4} =$			18	$\frac{3-2}{4}$
								$\frac{2-4}{4} = -.05$				(Mean = 6)		Mean = 4	

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Book 10

Plate 986 δ

H.P.	No. Ex.	Dec.	Mag.	Obs. Br.	½cos δ	Diff.	Read.	½cos δ Diff.	Read.	Cor.δ	Obs.Br. + Cor.δ	Diff.	Resid
68	4	-24	27	5.2	5.8	0.1	5.9	7	3	7	3	-.3	5.5
72	1	+6	18	5.7	6.0	00	6.0	3	1	3	1	-.1	5.9
124	4	-22	23	5.5	5.6	00	5.6	2	2	1	3	-.3	5.3
				Mean = 4						11	3-4 =		
										3-3 / 3 = 0	3	Mean = 4	

Plate 911 δ

236	4	-22	15	5.1	5.6	00	5.6	6	1	5	2	-.3	5.3
305	1	+11	43	6.2	6.8	00	6.8	6	1	6	1	-.0	6.8
320 / 321	2	+2	11	4.0	4.8	00	4.8	8	1	8	1	-.1	4.7
245	4	-16	18	5.3	6.0	00	6.0	5	2	5	2	-.2	5.8
277	1	+16	22	5.6	6.3	00	6.5	9	2	9	2	-.0	6.5
				Mean = 7						33	3-5 =		
										3-4 / 5 = -.02	5	Mean = 7	

3	2	-.3	5.3
6	1	-.0	6.8
8	1	-.1	4.7
5	2	-.2	5.8
9	4	-.0	6.5
27	7-5 =		
	5	Mean = 5	

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Book 10

Plate 988 - 2.

H.P.	No. Ex.	Dec.	Mag.	Obs. Br.	½ cos δ	Diff. Read.	½ cos δ Diff. Read.	
245	3	-16 18	5.5	6.2	00	6.2	7	1
236	4	-22 15	5.1	5.5	00	5.5	5	1

Mean = 6

$\frac{1-1}{2} = 0$

Plate 1002 - 2.

172	3	-10 29	5.4	5.9	00	5.9	5	1
202	1	+15 30	5.9	6.3	00	6.3	4	0

Mean = 4

$\frac{1-0}{2} = .05$

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Book 10

Plate 1028 - 2s.

H.P.	No. Ex.	Dec.	Mag.	Obs. Br.	½cosδ	Diff. Read.	½cosδ	Diff. Read.	Obs Br. Cor.	Cor.t Cor.	Diff. Read.
571	2	-5 29	4.8	6.0	00	6.0	12	3	12	3	-.1 5.9	11	3
616	1	+5 40	5.7	6.3	00	6.3	6	3	6	3	-.1 6.2	5	3
579	4	-22 2	4.2	5.2	00	5.2	11	2	10	1	-.3 4.9	7	1
611	2	-1 33	5.1	6.2	00	6.2	11	2	11	2	-.1 6.1	10	2
574	1	+8 58	5.5	6.3	00	6.3	8	1	8	1	-.0 6.3	8	0
554	1	+9 19	3.8	4.3	00	4.3	5	4	5	4	-.0 4.3	5	3
563		+10 56	5.1	6.3	00	6.3	7-8		12	3	-.0 6.3	12	4
							6		64		Mean = 9	58	9-7
												7	Mean = 8

Plate 1054 - 2s.

646	4	-24 58	4.7	6.3	0.1	6.4	17	4	17	4	-.3 6.0	13	2
668	1	+5 6	5.3	6.3	00	6.3	12	1	12	1	-.1 6.4	11	0
665	1	+5 39	4.1	5.0	00	5.0	10	3	10	3	-.1 4.9	9	2
660	4	-24 21	4.6	6.1	0.1	6.2	16	3	16	3	-.3 5.8	12	1
758	2	-4 1	5.3	6.6	00	6.6	13	0	13	0	-.1 6.5	12	1
662	2	-1 53	5.2	6.4	00	6.4	12	1	12	1	-.1 6.3	11	0
716	1	+8 36	4.3	5.3	00	5.3	10	3	10	3	-.0 5.3	10	1
		Mean = 13					7-8		90	7-8		78	4-3
							7			7	Mean = 13	7	Mean = 11

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Book 10

Plate 1068 - 2.

H.P.	Ga.	Dec.	Mag.	Obs. Br.	½ cos δ	Diff.	Read	½ cos δ Diff.	Read	Obs. Br. Corr.	Corr.	Diff.	Read
857	1	+2 15	3.9	4.7	00	4.7	8	1	8	2	-.1	4.6	7	1
884	2	-7 21	4.7	6.0	00	6.0	13	4	13	3	-.1	5.9	12	4
854	2	-5 39	4.2	5.6	00	5.6	14	5	14	4	-.1	5.5	13	5
870	2	-5 22	5.4	6.3	00	6.3	9	0	9	1	-.1	6.2	8	0
915	2	-4 37	5.4	6.0	00	6.0	6	3	6	4	-.1	5.9	5	3
897		-24 33	5.5	6.9	00	6.9			14	4	-.3	6.6	11	3
845	1	+5 24	4.0	4.3	00	4.3	3	6	3	7	-.1	4.2	2	6
791	1	+5 19	5.8	6.6	00	6.6	8	1	8	2	-.1	6.5	7	1
830	2	-3 19	4.3	4.6	00	4.6	3	6	13	3	-.1	4.5	2	6
883	3	-12 43	4.9	6.3	00	6.3	14	5	14	4	-.2	6.1	12	4
886	2	-2 43	5.3	6.3	00	6.3	10	1	10	0	-.1	6.2	9	1
813	3	-12 21	4.9	6.1	00	6.1	12	3	12	2	-.2	5.9	10	2
841	1	+8 42	4.4	5.3	00	5.3	9	0	12	1	-.0	5.3	9	1
889		-20 14	5.0	6.2	00	6.2				2	-.3	5.9	9	1
~~882~~	~~3~~	~~-10 26~~	~~5.7~~	~~6.2~~	~~—~~	~~—~~	~~3~~	~~4~~						
798	1	+9 35	4.6	5.3	00	5.3	7	2	7	3	-.0	5.3	7	1
859	1	+9 39	4.8	5.6	00	5.6	8	1	8	2	-.1	5.5	7	1
861	2	+6 16	5.8	6.9	00	6.9	11	2	11	1	-.1	6.8	10	2
803	2	+6 46	5.4	6.3	00	6.3	9	0	9	1	-.1	6.2	8	0
822	1	+10 56	5.3	6.5	00	6.5	12	3	12	2	-.0	6.5	12	4
828	4	-18 53	5.6	6.5	00	6.5	10	1	9	1	-.2	6.3	7	1
									201				167	

Mean = 9

$\frac{24-24}{19} = 0$

$\frac{25-24}{20}$

Mean = 10

$\frac{27}{20}$ $\frac{28}{20}$

Mean = 8

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Book 10

Plate 1034 γ

H.P. No.	H.P. Dec	Mag.	Obs. Br.	½cos δ	Diff Reid	½cos δ Diff. Reid.	Cor.d	Obs. Br. Cor.d	Diff. Reid	
1 939	−13 18	4.3	5.3	0.0	5.3	10	2	−.2	5.1	8	3.1
1 898	−3 12	6.0	6.9	0.0	6.9	9	1	−.1	6.8	8	3.1
1 931	−13 35	4.6	5.2	0.0	5.2	6	2	−.2	5.0	4	1 3
1 883	−12 43	4.9	5.9	0.0	5.9	10	2	−.2	5.7	8	3.1
1 960	−12 26	5.2	6.2	0.0	6.2	10	2	−.2	6.0	8	3.1
1 927	−12 1	4.7	5.2	0.0	5.2	5	3	−.2	5.0	3	2 4
1 963	−21 21	4.6	5.7	0.0	5.7	11	3	−.3	5.4	8	3.1
1 964	−0 30	4.6	5.3	0.0	5.3	7	1	−.1	5.2	6	1 1
1 889	−20 14	5.0	5.4	0.0	5.4	4	4	−.3	5.1	1	4 6
1 861	+0 16	5.8	6.3	0.0	6.3	5	3	−.1	6.2	4	1 3
1 917	−8 55	4.4	4.8	0.0	4.8	4	4	−.1	4.7	3	2 4
1 857	+2 15	3.9	4.9	0.0	4.9	10	2	−.1	4.8	9	1 2
1 884	−7 21	4.7	5.4	0.0	5.4	7	1	−.1	5.3	6	1 1
1 948	−6 39	3.6	4.5	0.0	4.3	9	1	−.1	4.4	8	3.1
1 966	+3 26	5.0	5.5	0.0	3.3	5	3	−.1	5.4	4	1 3
1 881	+3 26	6.0	6.4	0.0	6.4	4	4	−.1	6.3	3	2 4
1 929	−16 21	3.3	4.3	0.0	4.3	10	2	−.2	4.1	8	3.1
1 838	−17 9	5.8	7.0	0.0	7.0	12	4	−.2	6.8	10	3 3
1 910	−3 15	2.9	4.6	0.0	4.6	17	9	−.1	4.5	16	1 9
1 906	−4 49	5.2	6.3	0.0	6.3	13	5	−.1	6.4	12	1 5
						168	33 − 25 =			137	50 26 − 29
							·20				·20
							Mean = 8				Mean = 5 29

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Book 10

Plate 1092 -2-

No.	H.P. Dec	H.P. Mag.	Obs Br.	½ cos δ	Diff. Read.	Diff. Read.	½ cos δ	Obs. Br. Cor. δ	+ Cor. δ	Diff Read	Diff Read
1	1055	-18 36	6.0	7.1	00	7.1	11	2	-.2	6.9	9	1
1	999	+1 40	5.6	6.8	00	6.8	12	3	-.1	6.7	11	3
1	1007	-7 23	4.7	5.7	00	5.7	10	1	-.1	5.6	9	1
1	1041	-7 17	5.0	6.3	00	6.3	13	4	-.1	6.2	12	4
1	948	-6 39	3.6	4.8	00	4.8	12	3	-.1	4.7	11	3
1	943	-27 5	4.7	6.7	00	6.7	(20)	(11)	-.4	6.3	15	7
1	988	+2 39	4.7	5.3	00	5.3	6	3	-.1	5.2	5	3
1	966	+3 26	5.0	5.4	00	5.4	4	5	-.1	5.3	3	5
1	929	-16 21	3.3	4.4	00	4.4	11	2	-.2	4.2	9	1
1	1013	+3 41	5.3	6.4	00	6.4	11	2	-.1	6.3	10	2
1	1021	-6 5	4.3	5.4	00	5.4	9	0	-.1	5.3	8	0
1	1040	+4 3	4.3	5.2	00	5.2	7	2	-.1	5.1	6	2
1	1024	-5 30	4.9	5.8	00	5.8	9	0	-.1	5.7	8	0
1	1025	-4 35	4.6	5.4	00	5.4	8	1	-.1	5.3	7	1
1	1065	-14 32	3.7	5.1	00	5.1	14	5	-.2	4.9	12	4
1	1000	+5 51	4.3	4.7	00	4.7	4	5	-.1	4.6	3	5
1	990	+15 47	5.3	6.5	00	6.5	10	1	-.2	6.3	8	0
1	972	-14 2	5.1	5.8	00	5.8	7	2	-.2	5.6	5	3
1	1044	+16 29	4.9	5.7	00	5.7	8	1	-.0	5.7	8	0
1	939	-13 18	4.3	5.0	00	5.0	7	2	-.2	4.8	5	3
1	931	-13 5	4.6	5.2	00	5.2	6	3	-.2	5.0	4	4
1	1004	+16 38	5.5	6.4	00	6.4	9	0	-.0	6.4	9	1
1	1039	-2 40	3.7	4.9	00	4.9	12	3	-.1	4.8	11	3
1	975	-2 31	3.3	4.3	00	4.3	10	1	-.1	4.4	9	1
1	960	-12 26	5.2	6.0	00	6.0	8	1	-.2	5.8	6	2
1	986	+17 52	5.4	6.0	00	6.0	6	3	-.0	6.0	6	2
1	927	-12 1	4.7	5.3	00	5.3	6	3	-.2	5.1	4	4
1	1036	-11 51	6.0	6.7	00	6.7	7	2	-.2	6.5	5	3
							257				218	

Plate 1092 continued on Page 26.

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Book 10

9 Plate 1092. Continued from Page 44 - Obs. Br.

No.	H.P. Dec.	Mag.	Obs. Br.	½cos δ	Diff. Read.	Diff. Read.	½ obs δ	Cor'd	Cor'd	218	Diff. Read
1010	-1 41	5.2	6.1	00	6.1	9	0	-.1	6.0	8	0
962	+8 19	5.5	6.3	00	6.3	5	4	-.0	6.3	5	3
963	-21 21	4.6	5.9	00	5.9	13	4	-.3	5.6	10	2
1047	-1 11	5.1	5.9	00	5.9	8	1	-.1	5.8	7	1
1006	-20 57	5.4	6.7	00	6.7	13	4	-.3	6.4	10	2
964	-0 30	4.6	5.6	00	5.6	10	1	-.1	5.5	9	1
1019 1020	+9 51	3.5	4.0	00	4.0	5	4	-.1	3.9	4	4
						~~320~~ 300	36-42 / 34 = Mean: 9			271	36-45 / 35 Mean: 8

9 - Plate 1099 -

2	1235	-23 20	4.2	6.2	00	6.2	20	4	-.3	5.9	17	2
2	1242	-22 52	4.4	6.4	00	6.4	20	4	-.3	6.1	17	2
2	1231	+7 26	4.3	6.0	00	6.0	17	1	-.1	5.9	16	1
2	1238	-1 7	5.0	6.3	00	6.3	13	3	-.1	6.2	12	3
2	1256	+10 1	4.6	5.7	00	5.7	11	3	-.0	5.7	11	4
2	1178	+9 59	5.2	6.9	00	6.9	17	1	-.0	6.9	17	2
2	1258	+0 36	5.7	7.0	00	7.0	13	3	-.1	6.9	12	3
2	1176	-9 0	6.1	7.2	00	7.2	11	5	-.1	7.1	10	5
2	1224	+11 38	4.9	6.6	00	6.6	17	1	-.0	6.6	17	2
2	1200	+4 39	4.4	5.8	00	5.8	14	2	-.1	5.7	13	2
2	1246	-5 7	5.2	7.1	00	7.1	19	3	-.1	7.0	18	3
2	1278	-14 40	5.3	7.3	00	7.3	20	4	-.0	7.3	20	5
							192 18-18 / 12 = Mean = 16				180 17-17 / 12 Mean = 15

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Book 10.

Plate 1108

No.	H.P. Dec.	Mag.	Obs. Br.	½ cos δ	Diff. Reed.	½ cos δ Diff Reed		Obs Br + Cor. δ	Cor. δ	Diff. Reed.
1047	-1 11	5.1	5.6	00	5.6	5	0	-.1	5.5	4 1
1117	-10 36	4.8	5.9	00	5.9	11	6	-.2	5.7	9 4
1096	+9 30	6.1	6.3	00	6.3	2	3	-.0	6.3	2 3
1131	-10 14	5.9	7.0	00	7.0	11	6	-.0	7.0	11 6
1111	-9 34	5.1	6.0	00	6.0	9	4	-.0	6.0	9 4
1109	+0 32	5.2	5.8	00	5.8	6	1	-.1	5.7	5 0
1055	-18 36	6.0	6.4	00	6.4	4	1	-.2	6.2	2 3
1120	+11 41	5.9	6.5	00	6.5	6	1	-.0	6.5	6 1
1083	-7 33	5.3	5.6	00	5.6	3	2	-.1	5.5	2 3
1071	+12 37	4.8	5.1	00	5.1	3	2	-.0	5.1	3 2
1041	-7 17	5.0	5.3	00	5.3	3	2	-.1	5.2	2 3
1064	+13 52	5.2	5.8	00	5.8	1	4	-.0	5.3	1 4
1013	+3 41	5.3	5.9	00	5.9	6	1	-.1	5.8	5 0
1061	+14 27	5.7	6.1	00	6.1	4	1	-.0	6.1	4 1
1024	-5 30	4.9	5.5	00	5.5	6	1	-.1	5.4	5 0
1023	-4 55	4.6	5.2	00	5.2	6	1	-.1	5.1	5 0
1065	-14 52	3.7	4.3	00	4.3	6	1	-.2	4.1	4 1
1000	+5 57	4.3	4.9	00	4.9	6	1	-.1	4.8	5 0
						98	$\frac{25-15}{18}$ =			84 $\frac{15-19}{18}$

Mean = 5

Mean = 5

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Book 10

Plate. 1070

	No.	H.P. Dec.	Mag.	Obs. Br.	½ cos δ	Diff. Resid	½ cos δ Diff. Resid	Cord.	Obs Br. + Cor. δ	Diff. Resid
2	1188	-7 46	5.1	5.9	00	5.9	8 2	-.1	5.8	7 3
2	1183	-7 33	5.3	5.8	00	5.8	5 1	-.1	5.7	5 1
2	1179	-16 34	5.9	6.4	00	6.4	5 1	-.2	6.2	3 1
1	1157	-6 31	5.0	5.5	00	5.5	5 1	-.1	5.4	4 0
1	1130	-16 29	4.9	5.9	00	5.9	10 4	-.2	5.7	8 4
1	1158	-26 27	5.9	6.6	00	6.7	8 2	-.1	6.2	3 1
2	1173	-4 52	6.0	6.3	00	6.3	3 3	-.1	6.2	2 2
2	1165	-4 32	5.6	5.7	00	5.7	1 5	-.1	5.6	0 4
1	1134	-14 56	4.6	5.3	00	5.3	7 1	-.2	5.1	5 1
1	1092	-4 39	5.9	6.6	00	6.6	7 1	-.1	6.5	6 2
1	1133	-4 11	5.2	5.6	00	5.6	4 2	-.1	5.5	3 1
2	1177	-13 40	4.8	5.4	00	5.4	6 0	-.2	5.2	4 0
1	1136	-23 6	5.4	6.0	00	6.0	6 0	-.3	5.7	3 1
1	1080	-23 1	5.7	6.5	00	6.5	8 2	-.3	6.2	5 1
1	1117	-10 36	4.8	5.5	00	5.5	7 1	-.2	5.3	5 1
2	1186	-19 55	5.1	5.8	00	5.8	7 1	-.3	5.5	4 0
1	1111	-9 34	5.1	5.8	00	5.8	7 1	-.1	5.7	6 2
1	1109	+0 32	5.2	5.7	00	5.7	5 1	-.1	5.6	4 0
2	1176	-9 0	6.1	6.3	00	6.3	2 4	-.1	6.2	1 3
							111 $\frac{15-18}{19}$ =			78 $\frac{15-13}{19}$
							Mean = 6			Mean = 4

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Book 10.

Plate 1118.

No.	H.P. Dec.	Mag.	Obs. Br.	½ cos δ	Diff. Recd.	½ cos δ Diff. Recd.	Obs Br. Cor δ	Cor δ	Diff. Recd.
2 1188	−7 46	5.1	6.5	00	6.5	14 3	−.1	6.4	13 2
1 1157	−6 31	5.0	6.0	00	6.0	10 1	−.1	5.9	9 2
1 1130	−16 29	4.9	6.3	00	6.3	14 3	−.2	6.1	12 1
2 1200	+4 39	4.4	5.7	00	5.7	13 2	−.1	5.6	12 1
1 1134	−14 36	4.6	5.6	00	5.6	10 1	−.2	5.4	8 3
1 1065	−14 32	3.7	5.2	00	5.2	5 6	−.2	5.0	13 2
2 1165	−4 32	5.6	6.5	00	6.5	9 2	−.1	6.4	8 3
1 1133	−4 11	5.2	6.2	00	6.2	10 1	−.1	6.1	9 2
1 1092	−4 39	5.9	7.3	00	7.3	4 7	−.1	7.2	13 2
2 1177	−13 40	4.8	5.8	00	5.8	10 1	−.2	5.6	8 3
1 1148	−22 45	5.7	7.4	00	7.4	17 6	−.3	7.1	14 3
1 1117	−10 36	4.8	6.1	00	6.1	13 2	−.2	5.9	11 0
1 1096	+9 30	6.1	6.5	00	6.5	14 3	−.0	6.5	4 7
1 1116	+9 39	4.3	5.3	00	5.3	10 1	−.0	5.3	10 1
2 1178	+9 39	5.2	6.6	00	6.6	14 3	−.0	6.6	14 3
1 1111	−9 34	5.1	6.4	00	6.4	13 2	−.1	6.3	12 1
1 1109	+0 32	5.2	6.4	00	6.4	12 1	−.1	6.3	11 0
						192 $\frac{25-20}{17}$ =			181 $\frac{15-21}{17}$
						Mean = 11			Mean = 11

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Book 10.

Plate 1167.

	No.	H.P. Dec.	Mag.	Obs. Br.	½ cos δ	Diff.	Reid.	Diff.	½ cos δ Reid.	Cor. δ	Obs Br. Cor. δ	Diff.	Reid
2	1188	-7 46	5.1	5.9	00	5.9		8	3	-.0	5.9	8	4
1	1142	+2 31	5.5	5.9	00	5.9		4	1	-.1	5.8	3	1
1	1158	-26 27	5.9	6.5	0.1	6.6		7	2	+.1	6.4	5	1
1	1130	-16 29	4.9	5.8	0.0	5.8		9	4	-.0	5.8	9	5
1	1124	-6 42	5.0	5.4	0.0	5.4		4	1	-.1	5.3	3	1
2	1171	+4 20	6.5	6.4	00	6.4		1	6	-.1	6.3	2	6
1	1118	-25 25	5.9	6.4	0.1	6.5		6	1	-.4	6.0	1	3
2	1173	-4 52	6.0	6.2	00	6.2		2	3	-.1	6.1	1	3
1	1134	-14 36	4.6	5.4	00	5.4		8	3	-.2	5.2	6	2
2	1165	-4 32	5.6	6.0	00	6.0		4	1	-.1	5.9	3	1
1	1133	-4 11	5.2	5.6	00	5.6		4	1	-.1	5.5	3	1
2	1177	-13 40	4.8	5.5	00	5.5		7	2	-.2	5.3	5	1
1	1186	-23 6	5.4	6.0	00	6.0		6	1	-.3	5.7	3	1
1	1080	-23 1	5.7	6.2	00	6.2		5	0	-.3	5.9	2	2
1	1113	-1 27	6.2	6.5	00	6.5		3	2	-.1	6.4	2	2
1	1117	-10 36	4.8	5.4	00	5.4		6	1	-.2	5.2	4	0
1	1116	+9 39	4.3	5.0	00	5.0		7	2	-.0	5.0	7	3
1	1096	+9 30	6.1	6.6	00	6.6		5	0	-.0	6.6	5	1
2	1178	+9 59	5.2	5.9	00	5.9		7	2	-.0	5.9	7	3
1	1111	-9 34	5.1	5.8	00	5.8		7	2	-.1	5.7	6	2
1	1109	+0 32	5.2	5.9	00	5.9		7	2	-.1	5.8	6	2
2	1176	-9 0	6.1	6.3	00	6.3		2	3	-.2	6.2	1	3
								118	25 - 18 =			90	24 - 24
								-1	22			-2	22
								117				88	
									Mean = 5				Mean = 4

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Book 10.

Plate 1106

No.	H.P. Dec	Mag	Obs. Br.	½ cos δ	= Diff. Read.	½ cos δ Diff. Read	Obs. Br. + Cor. δ	Cor. δ Diff. Read.
1325	-28 49	1.5	5.4					

Plate 1132

~	1306	-18 53	5.5	7.0	00	7.0	15	4	-.2	6.8	13	3
~	1318	-16 54	4.3	5.6	00	5.6	11	0	-.2	5.4	9	1
~	1220 1221	- 6 57	39	5.4	00	5.4	13	4	-.1	5.3	14	4
~	1340	-15 27	4.1	5.3	00	5.3	12	1	-.2	5.1	10	0
~	1291	-15 1	5.3	6.2	00	6.2	9	2	-.2	6.0	7	3
~	1278	-14 40	5.3	6.3	00	6.3	10	1	-.2	6.1	8	2
~	1246	-5 7	5.2	6.3	00	6.3	11	0	-.1	6.2	10	0
~	1320	-24 29	5.2	6.9	0.1	7.0	18	7	-.3	6.6	14	4
~	1283	-14 18	4.9	6.2	00	6.2	13	2	-.2	6.0	11	1
~	1217	- 4 41	5.0	5.8	00	5.8	8	3	-.0	5.8	8	2
~	1235	-23 20	4.2	5.5	00	5.5	13	2	-.3	5.2	10	0
~	1317	-22 47	5.2	6.5	00	6.5	13	2	-.3	6.2	10	0
~	1242	-22 52	4.4	5.8	00	5.8	14	3	-.3	5.5	11	1
~	1322	+7 29	6.3	7.0	00	7.0	7	4	-.0	7.0	7	3
~	1231	+7 26	4.3	5.3	00	5.3	10	1	-.0	5.3	10	0
~	1277	+8 43	5.6	6.4	00	6.4	8	3	-.0	6.4	8	2
~	1238	-1 7	5.0	6.0	00	6.0	10	1	-.1	5.9	9	1
~	1307	- 0 58	5.2	6.4	00	6.4	12	1	-.1	6.3	11	1
~	1313	+10 6	5.7	6.6	00	6.6	9	2	-.0	6.6	9	1
~	1308	-20 5	4.4	5.8	00	5.8	14	3	-.3	5.5	11	1
~	1282	- 9 58	5.5	6.5	00	6.5	10	1	-.2	6.3	8	2
~	1256	+10 1	4.6	5.1	00	5.1	5	6	-.0	5.1	5	5
~	1258	+ 0 36	5.7	6.7	00	6.7	10	1	-.1	6.6	9	1
							257	29 - 25 = 23 Mean = 11			222	15 - 29 = 23 Mean = 10

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Book 10.

9. Plate 1100.

	No.	H.P. Dec.	Obs. Mag	Obs. Br.	½cosδ Regnaults	Diff Read.	½cosδ Diff. Read.		Obs. Br. Corr.	Obs. Br. Corr.	Diff Read.	
z	1336	-4 4	4.8	~~4.7~~	0.0	4.7	(1)	20 (12)	-.1	4.6	(2)	20 (11)
z	1403	+8 32	3.1	4.2	0.0	4.2	11	2 0	-.0	4.2	11	3 2
z	1362	-24 41	3.6	6.8	0.1	6.9	13	1 2	-.3	6.5	9	1 0
z	1332	+9 19	6.0	6.6	0.0	6.6	6	3 3	-.0	6.6	6	3 3
z	1359	-0 18	4.0	5.3	0.0	5.3	13	1 2	-.1	5.2	12	1 3
z	1368	-20 5	4.4	6.0	0.0	6.0	16	3	-.3	5.7	13	3 4
z	1313	+10 6	5.7	6.4	0.0	6.4	7	4	-.0	6.4	7	4 2
z	1391	-18 47	4.9	6.3	0.0	6.3	14	3	-.2	6.1	12	1 3
z	1306	-18 53	5.3	6.3	0.0	6.3	10	1	-.2	6.3	8	2 1
z	1393	+11 54	5.4	6.3	0.0	6.3	9	2	-.0	6.3	9	1 0
z	1318	-16 54	4.5	5.4	0.0	5.4	9	2	-.2	5.2	7	1 2
z	1305	+13 20	4.8	5.8	0.0	5.8	10	1	-.0	5.8	10	2 1
z	1372	-13 23	5.2	6.3	0.0	6.3	13	2	-.2	6.3	11	2 2
z	1340	-15 27	4.1	5.0	0.0	5.0	9	2	-.2	4.8	7	1 2
z	1336	-4 4	4.8	5.6	0.0	5.6	8	3	-.1	5.5	7	1 2
							148	~~28~~ 14–20 / 14 =			129	15–12 / 14
							147	Mean = 9.1			127	Mean = 9

9. Plate 1036

z	1433	-28 6	4.4	6.2	0.1	6.3	19	3	-.4	5.8	14	3
z	1445 / 1446	-26 32	3.9	5.2	0.1	5.3	14	2	-.4	4.8	9	2
z	1370	-26 34	3.7	5.3	0.1	5.4	17	1	-.4	4.9	12	1
z	1368	-26 9	4.5	6.1	0.1	6.2	17	1	-.4	5.7	12	1
z	1443	-25 6	4.3	6.0	0.1	6.1	18	2	-.3	5.7	14	3
z	1381	-24 44	4.3	5.3	0.1	5.4	13	3	-.3	5.2	9	2
z	1428	-24 27	5.6	7.1	0.1	7.2	16	0	-.3	6.8	12	1
z	1362	-20 41	5.6	6.9	0.0	6.9	13	3	-.3	6.6	10	1
z	1391	-18 47	4.9	6.2	0.0	6.2	13	3	-.2	6.0	11	0
							140	7–11 / 9 =			103	9–5 / 9
								Mean = 16				Mean = 11

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Book 10

9. Plate 1228 -

	No.	H.P. Dec.	Mag.	Obs. Br.	½ cos δ	Diff. Read.	½ cos δ Diff.	Read.	Obs. Br. + Cor. δ	Cor. δ	Diff.	Read.
2	1391	-18 47	4.9	6.5	00	6.5	16	3	-.2	6.3	14	3
2	1445 1446	-26 32	3.9	5.5	01	5.6	17	4	-.4	5.1	12	1
2	1370	-26 34	3.7	5.6	0.1	5.7	20	7	-.4	5.2	15	4
2	1398	-15 38	4.9	6.4	00	6.4	15	2	-.2	6.2	13	2
2	1372	-15 23	5.2	6.3	00	6.3	11	2	-.2	6.1	9	2
2	1357	+5 51	6.0	6.7	00	6.7	7	6	-.1	6.6	6	3
2	1416	-22 46	4.8	6.3	00	6.3	15	2	-.3	6.0	12	1
2	1403	+8 32	3.1	4.0	00	4.0	9	4	-.0	4.0	9	2
2	1359	-0 18	4.0	5.1	00	5.1	11	2	-.1	5.0	10	1
2	1391	-18 47	4.9	6.2	00	6.2	13	0	-.2	6.0	11	0
							134	18-14 / 10			111	11-10 / 10

Mean = 13 Mean = 11

8. Plate 1101

2	1465	+11 4	5.5	6.1	00	6.1	6	4	-.0	6.1	6	3
2	1501	-18 4	4.6	5.8	00	5.8	12	2	-.2	5.6	10	1
2	1476	+2 4	5.0	5.9	00	5.9	9	1	-.2	5.7	7	2
2	1507	+13 28	5.1	6.3	00	6.3	12	2	-.0	6.3	12	3
							39	4-5 / 4 =			35	4-5 / 4

Mean = 10 Mean = 9

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Book 10.

Plate 1120

	No.	H.P. Dec.	Obs. Mag.	Obs. Br.	½ cos δ	Diff. Read	½ cos δ. Diff. Read	Obs. Br Cor. δ	Cor. δ + Cor. δ	Diff. Read
2	1476	+2 4	5.0	6.5	00	6.5	13 1	−.1	6.4	14 2
2	1502	+5 12	5.6	6.6	00	6.6	10 4	−.1	6.5	9 3
2	1554	−3 31	3.9	5.2	00	5.2	13 1	−.1	5.1	12 0
2	1514	−20 12	5.0	6.8	00	6.8	18 4	−.3	6.5	15 3
2	1518	−18 54	4.2	5.6	00	5.6	14 0	−.2	5.4	12 0
2	1512	−8 54	5.8	6.9	00	6.9	11 3	−.1	6.8	10 2
							81 $\frac{3-8}{6}$ =			72 $\frac{3-5}{6}$
							Mean = 14			Mean = 12

Plate 1157

2	1554	−3 31	3.9	5.0	00	5.0	11 2	−.1	4.9	10 3
2	1555	−22 46	5.5	6.9	00	6.9	14 5	−.3	6.6	11 4
2	1611	−1 27	5.1	6.3	00	6.3	12 3	−.1	6.2	11 4
2	1574	−19 10	5.4	6.0	00	6.0	6 3	−.2	5.8	4 3
2	1583	−7 34	5.7	6.2	00	6.2	5 4	−.1	6.1	4 3
2	1599	+3 50	4.2	4.8	00	4.8	6 3	−.1	4.7	5 2
2	1588	+6 7	4.1	4.7	00	4.7	6 3	−.1	4.6	5 2
							60 $\frac{10-13}{7}$ =			50 $\frac{11-10}{7}$
							Mean = 9			Mean = 7

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Book 10 -

Plate 1121 -

	No.	H.P. Dec.	Mag.	Obs. Br.	½ cos δ	Diff. Reed	½ cos δ. Diff. Reed	Obs. Br. Cor. δ	Cor. δ + Diff. Reed
2	1633	-27 13	4.8	6.9	0.1	7.0	22 8	-.4	6.5 17 5
2	1599	+3 50	4.2	5.4	0.0	5.4	12 2	-.1	5.3 11 1
2	1590	-25 50	5.0	6.7	0.1	6.8	18 4	-.4	6.3 13 1
2	1613	+6 17	4.3	5.4	0.0	5.4	11 3	-.1	5.3 10 2
2	1588	+6 7	4.1	5.3	0.0	5.3	12 2	-.1	5.2 11 1
2	1614	-3 0	5.1	6.3	0.0	6.3	14 0	-.1	6.4 13 1
2	1579	-1 44	5.6	6.7	0.0	6.7	11 3	-.1	6.6 10 2
2	1611	-1 27	5.1	6.4	0.0	6.4	13 1	-.1	6.3 12 0
2	1603	+10 31	5.5	6.7	0.0	6.7	12 2	-.0	6.7 12 0
							125 12-13 =		109 7-6
							9		9
							Mean = 14		Mean = 12

Plate 1230

2	1613	+6 17	4.3	5.4	0.0	5.4	11 0	-.1	5.3 10 0
2	1659	+11 9	5.0	5.9	0.0	5.9	9 2	-.0	5.9 9 1
2	1680	-8 15	5.5	6.6	0.0	6.6	11 0	-.1	6.5 10 0
2	1662	-8 6	5.5	6.5	0.0	6.5	10 1	-.1	6.4 9 1
2	1639	+12 19	4.3	5.3	0.0	5.3	10 1	-.0	5.3 10 0
2	1676	+2 49	3.9	5.0	0.0	5.0	11 0	-.1	4.9 10 0
2	1634	+15 47	5.2	6.5	0.0	6.5	13 2	-.0	6.5 13 3
2	1613	+6 17	4.3	5.5	0.0	5.5	12 1	-.1	5.4 11 1
							87 3-4 =		82 4-2
							8		8
							Mean = 11		Mean = 10

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Book 10.

2. Plate 1272.

	No.	H.P. Dec.	Mag.	Obs. Br.	½ cos δ.	Diff. Read	½ cos δ. Diff. Read.	Obs. Br. Cor. δ.	Cor. δ. + Diff. Read
2	1613	+6 17	4.3	*6.6	00	6.6	(23) (15)	-.1	6.5 (22) (15)
2	1614	-3 0	5.1	6.0	00	6.0	9 1	-.1	5.9 8 1
2	1659	+11 9	5.0	5.7	00	5.7	7 1	-.0	5.7 7 0
2	1680	-8 15	5.5	6.0	00	6.0	5 3	-.1	5.9 4 3
2	1662	-8 6	5.5	6.1	00	6.1	6 2	-.1	6.0 5 2
2	1639	+12 19	4.3	5.1	00	5.1	8 1	-.0	5.1 8 1
2	1676	+2 49	3.9	5.0	00	5.0	11 3	-.1	4.9 10 3
2	1623	-6 44	5.5	6.3	00	6.3	8 0	-.1	6.2 7 0
2	1634	+15 47	5.2	6.0	00	6.0	8 0	-.0	6.0 8 1
	~~1613~~	~~+6 17~~	~~4.3~~				~~85~~ 62 11-6/8		~~79~~ 57 6-5/8
							Mean = 8		Mean = 7

*Second measure of Brightness give 5.6

2. Plate 1122.

2	1680	-8 15	5.5	6.9	00	6.9	14 1	-.1	6.8 13 2
2	1676	+2 49	3.9	5.0	00	5.0	11 2	-.1	4.9 10 1
2	1662	-8 6	5.5	6.9	00	6.9	14 1	-.1	6.8 13 2
2	1739	-13 47	4.9	6.3	00	6.3	14 1	-.2	6.1 12 1
2	1741	-23 4	4.6	6.2	00	6.2	16 3	-.3	5.9 13 2
2	1721	-22 18	5.8	6.8	00	6.8	10 3	-.3	6.5 7 4
2	1714	-0 39	4.6	5.8	00	5.8	12 1	-.1	5.7 9 2
							91 6-6/7		77 7-7/7
							Mean = 13		Mean = 11

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Book 10.

9. Plate 1160

	No.	H.P. Dec.	Mag.	Obs. Br.	½cosδ	Diff Reid	½cosδ	Diff Reid	Obs. Br. Cor.	Cor.	Diff Reid
z	1741	−23 4	4.6	5.8	00	5.8	12	5	−.3	5.5	9 3
z	1789	−12 29	4.7	5.5	00	5.5	8	1	−.2	5.3	6 0
z	1714	−0 39	4.6	5.4	00	5.4	8	1	−.1	5.3	7 1
z	1737	−10 14	6.0	6.9	00	6.9	9	2	−.2	6.7	7 1
z	1735	−10 1	6.0	6.8	00	6.8	8	1	−.2	6.6	6 0
z	1796	+0 13	4.5	5.2	00	5.2	7	0	−.1	5.1	6 0
z	1762	−7 32	5.3	5.8	00	5.8	5	2	−.1	5.7	4 2
z	1775	+13 0	5.3	5.8	00	5.8	5	2	−.0	5.8	5 1
z	1761	+3 1	6.0	6.3	00	6.3	3	4	−.1	6.2	2 4
z	1788	−13 47	5.9	5.7	00	5.7	8	1	−.0	5.7	8 2
							73	11−8 / 10			60 7−7 / 10
								Mean = 7			Mean = 6

9. Plate 1238

z	1762	−7 32	5.3	5.8	00	5.8	5	1	−.1	5.7	4 0
z	1761	+3 1	6.0	6.5	00	6.5	5	1	−.1	6.4	4 0
z	1787	−24 31	6.6	7.1	01	7.2	6	1 0	−.3	6.8	2 2
z	1833	−3 28	5.9	6.3	00	6.3	4	3 2	−.1	6.2	3 1
z	1789	−12 29	4.7	5.8	00	5.8	11	4 5	−.2	5.6	9 3
z	1796	+0 13	4.5	4.6	00	4.6	1	5	−.1	4.5	0 4
z	1841	+10 22	5.9	6.6	00	6.6	7	1	−.0	6.6	7 3
							39	6−7 / 7 =			29 8−7 / 7
								Mean = 6			Mean = 4

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Book 10.

g. Plate 1302

	No.	H.P. Dec.	Mag.	Obs. Br.	½cos δ	Diff. Recid.	½cos δ. Diff. Recid.	Obs. Br. For. δ.	Cor. δ.	Diff. Recid.
2	1762	−7 32	5.3	6.2	00	6.2	9 2	−.1	6.1	8 2
2	1761	+3 1	6.0	6.8	00	6.8	8 1	−.1	6.7	7 1
2	1789	−12 29	4.7	5.3	00	5.3	6 1	−.2	5.1	4 2
2	1822	−11 55	6.2	7.1	00	7.1	9 2	−.2	6.9	7 1
2	1796	+0 13	4.5	5.0	00	5.0	5 2	−.1	4.9	4 2
							37 3-5/5			30 4-4/5
							Mean = 7			Mean = 6

g. Plate 1309

2	1762	−7 32	5.3	5.8	00	5.8	5 1	−.1	5.7	4 1
2	1761	+3 1	6.0	6.6	00	6.6	6 2	−.1	6.5	5 2
2	1833	−3 28	5.9	6.5	00	6.5	6 2	−.1	6.4	5 2
2	1789	−12 29	4.7	5.0	00	5.0	3 1	−.2	4.8	1 2
2	1796	+0 13	4.5	4.6	00	4.6	1 3	−.1	4.5	0 3
							21 4-5/5			15 5-5/5
							Mean = 4			Mean = 3

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Book 10 -

g. Plate 1161

	No	H.P. Dec	Mag.	Obs. Br.	½ cos δ	Diff. Reid	Diff. Reid	½ cos δ Corr.	Obs. Br. Corr.	Diff. Reid
z	1833	-3 28	5.9	6.5	00	6.5	6 2	-1	6.4	5 1
z	1854	-12 59	5.7	6.2	00	6.2	5 1	-2	6.0	3 1
z	1846	-2 8	5.2	5.7	00	5.7	5 1	-1	5.6	4 0
z	1864	+9 16	5.7	6.0	00	6.0	3 1	-0	6.0	3 1
z	1859	+9 55	4.0	4.3	00	4.3	3 1	-0	4.3	3 1
z	1850	-0 1	4.9	5.5	00	5.5	6 2	-1	5.4	5 1
z	1841	+10 22	5.9	6.2	00	6.2	3 1	-0	6.2	3 1
z	1892	+11 11	5.3	5.6	00	5.6	3 1	-0	5.6	3 1
z	1871	-16 40	5.4	5.8	00	5.8	4 0	-2	5.6	2 2
z	1836	-6 27	6.0	6.9	00	6.9	9 5	-1	6.8	8 4
z	1828	+15 35	6.2	6.4	00	6.4	2 2	-0	6.4	2 2
							49 11-6 =			41 6-7
							Mean = 4			Mean = 4

g. Plate 1304

z	1897	-8 16	5.8	6.5	00	6.5	7 1	-1	6.4	6 8 1
z	1933	-26 38	5.6	6.7	0.1	6.8	12 6	-4	6.3	7 X 2
z	1922	+6 44	5.1	5.5	00	5.5	4 2	-1	5.4	3 3 2
z	1854	-12 59	5.7	6.1	00	6.1	4 2	-2	5.9	2 4 3
z	1846	-2 8	5.2	5.6	00	5.6	4 2	-1	5.5	3 3 2
z	1864	+9 16	5.7	6.4	00	6.4	7 1	-0	6.4	7 X 2
z	1850	-0 1	4.9	5.6	00	5.6	7 1	-1	5.5	6 4 1
z	1892	+11 11	5.3	5.9	00	5.9	6 0	-0	5.9	6 4 1
							51 9-6 =			40 4-7
							Mean = 6			Mean = 5

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Book 10.

Plate 1310.

	No.	H.P. Dec.	Mag.	Obs. Br.	½cosδ.	Diff. Reid.	½cosδ. Diff. Reid.	Cord.	Obs. Br. Cord.	Diff. Reid.
2)	1933	-26 38	5.6	6.8	0.1	6.9	13 8	-.4	6.4	8 3
2)	1891	-16 40	5.4	6.2	0.0	6.2	8 3	-.2	6.0	6 3
2)	1922	+6 44	5.1	5.4	0.0	5.4	3 2	-.2	5.2	1 2
2)	1854	-12 59	5.7	6.0	0.0	6.0	3 2	-.2	5.8	1 2
2)	1846	-2 8	5.2	5.8	0.0	5.8	6 1	-.2	5.6	4 1
2)	1864	+9 16	5.7	6.3	0.0	6.3	6 1	-.2	6.1	4 1
2)	1859	+9 55	4.0	4.0	0.0	4.0	0 3	-.1	3.9	1 4
2)	1850	-0 1	4.9	5.4	0.0	5.4	3 0	-.1	5.3	4 1
2)	1892	+11 11	5.3	5.4	0.0	5.4	1 4	-.0	5.4	1 2
							45 13-13 = 9			29 11-10 = 1 9 28
							Mean = 5			Mean = 3

Plate 1138

2)	1965	+6 41	4.1	5.0	0.0	5.0	9 1	-.1	4.9	8 1
2)	1956	-3 0	4.5	5.6	0.0	5.6	11 3	-.1	5.3	10 3
2)	1946	-22 10	4.4	5.5	0.0	5.5	11 3	-.3	5.2	8 1
2)	1948	+0 36	5.3	6.0	0.0	6.0	5 3	-.1	5.9	4 3
2)	1947	-17 57	6.2	7.0	0.0	7.0	8 1	-.2	6.8	6 1
2)	1973	-17 21	4.2	5.2	0.0	5.2	10 2	-.2	5.0	8 1
2)	1951	+16 5	3.5	4.0	0.0	4.0	5 3	-.0	4.0	5 2
							59 7-6 = 7			49 6-6 = 7
							Mean = 8			Mean = 7

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Book 10.

Plate 1217

No.	H.P. Dec.	Mag.	Obs. Br.	½ cos δ	Diff. Resid	½ cos δ Diff. Resid	Cor'd	Obs. Br. Cor & Diff. Resid
2	1947	-17 51	6.2	6.3	00	6.3		
2	1973	-17 2	4.2	4.7	00	4.7		
2	1942	-27 26	5.4	6.2	00	6.2		
2	1984	-23 28	5.7	6.0	00	6.0		
2	1956	-3 0	~~6.0~~ 4.5	5.2	00	5.2		
2	1946	-22 10	4.4	5.2	00	5.2		
2	2017	+8 55	4.9	5.3	00	5.3		
2	2002	-9 8	4.7	4.8	00	4.8		
2	1948	+0 36	5.5	5.3	00	5.3		

Plate 1385

1	1	3		-2	6	1	3							
3	3	1		-2	4.3	3	1							
8	8	4		-4	5.8	4	2							
3	1	1		-3	5.7	0	2							
(8)	10	(12)		-1	5.1	~~8~~ 6	4							
8	6	4		-3	4.9	5	3							
4	2	0		-0	5.3	4	2							
1	1	3		-1	4.7	0	2							
2	4	6		-1	5.2	3	5							
						22	12	-12						
30	18	-16	=			- 4	9							
10	9	9	-13 =			18								
80		8												
28														

Mean = 2 4

Mean = 2

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Book 10

Plate 1139.

	No.	H.P. Dec.	Mag.	Obs. Br.	½ cos δ	Diff. Reid	½ cos δ	Diff. Reid	Obs. Br. Cor.	Cor.	Cor.	Diff. Reid
2	2051	+7 17	4.4	6.1	00	6.1	17	5	-.1	6.0	16	5
2	2023	+8 55	5.2	6.2	00	6.2	10	2	-.0	6.2	10	1
2	2017	+8 55	4.9	5.9	00	5.9	10	2	-.0	5.9	10	1
2	2052	-18 39	5.1	6.3	00	6.3	14	2	-.2	6.3	12	1
2	2002	-9 8	4.7	5.5	00	5.5	8	4	-.1	5.4	7	4
2	2044	-16 29	5.0	6.2	00	6.2	12	0	-.2	6.0	10	1
2	2049	+4 20	5.2	6.3	00	6.3	13	1	-.1	6.4	12	1
							84	8-8			77	7-7
								7				7
							Mean = 12				Mean = 11	

Plate 1181

2	2044	-16 29	5.0	5.3	00	5.3	3	1	-.2	5.3	3	1
2	2049	+4 20	5.2	5.3	00	5.3	3	1	-.1	5.4	3	0
2	2047	-25 14	6.3	6.3	00	6.3	2	2	-.4	6.1	2	4
3	2066	-22 56	5.2	5.3	00	5.3	3	1	-.3	5.2	0	2
2	2051	+7 17	4.4	5.1	00	5.1	7	3	-.1	5.0	6	4
3	2091	-21 33	5.3	5.3	00	5.3	0	4	-.3	5.2	3	3
3	2104	-10 56	6.0	6.0	00	6.0	0	4	-.2	5.8	2	4
3	2088	+0 0	4.0	4.7	00	4.7	7	3	-.1	4.6	6	4
2	2071	+10 56	5.8	6.1	00	6.1	3	1	-.0	6.1	3	1
2	2052	-18 39	5.1	5.6	00	5.6	3	1	-.2	5.4	3	1
							35	8-13			23	11-15
								10			-7	10
							Mean = 4				16	
											Mean = 2	

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Book 10 -

Q. Plate 1129

	No.	H.P. Dec.	Mag.	Obs. Br.	½ cos δ	Diff.	Read	½ cos δ Diff.	½ cos δ Read	Obs. Br. Cord.	Obs. Br. + Cord.	Diff.	Read
3	2104	-10 56	6.0	6.9	00	6.9		9	1	-.2	6.7	7	2
3	2088	+0 0	4.0	5.1	00	5.1		11	1	-.1	5.0	10	1
3	2157	+10 54	5.1	6.2	00	6.2		11	1	-.0	6.2	11	2
3	2131	-8 47	5.6	6.4	00	6.4		8	2	-.1	6.3	7	2
3	2120	-15 51	3.1	4.0	00	4.0		9	1	-.2	3.8	7	2
3	2079	+15 34	5.1	6.2	00	6.2		11	1	-.0	6.2	11	2
								59	3-4 / 6			53	5-6 / 6

Mean = 9

Mean = 10

Q. Plate 1140

3	2143	+3 57	6.3	7.0	00	7.0		7	3	-.1	6.9	6	2
3	2120	-15 51	3.1	4.9	00	4.9		18	8	-.2	4.7	16	8
3	2142	-5 10	5.9	7.0	00	7.0		11	1	-.1	6.9	10	2
3	2158	+7 28	5.6	6.3	00	6.3		7	3	-.1	6.2	6	2
3	2187	-11 0	6.0	6.9	00	6.9		9	1	-.2	6.7	7	1
3	2157	+10 54	5.1	5.8	00	5.8		7	3	-.0	5.8	7	1
3	2131	-8 47	5.6	6.4	00	6.4		8	2	-.1	6.3	7	1
								67	9-12 / 7 =			39	10-7 / 7

Mean = 10

Mean = 8

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* Book 10 → Book 17 -

δ - Plate 1210 -

No.	H.P. Dec.	Mag.	Obs. Br.	½ cos δ.	Diff. Reed	½ cos δ. Diff. Reed	Obs. Br. Cor. δ	Cor. δ	Diff. Res'd	
3	2256	+2	43	5.8	5.9	00	5.9	1	1	-1 5.8 0 1
3	2257	+4	19	6.3	6.5	00	6.5	2	0	-1 6.4 1 0
3	2224	-4	54	4.4	4.6	00	4.6	2	0	-1 4.5 1 0
3	2257	+5	48	5.7	6.1	00	6.1	4	2	-1 6.0 3 2
								9	2-1 / 4	3 2-1 / 4

Mean = 2 Mean = 1

Book 17

δ - Plate 1219 -

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Book 17 -

2 - Plate 1257

	No.	HP. Dec.	Mag.	Obs. Br.	½ cos δ	Diff.	Reid	½ cos δ Diff.	Reid	Obs. Br. Cord	+ Cord	Diff.	Reid
3	2284	−28 4	5.6	6.5	0.1	6.6		10	4	−.4	6.1	5	1
3	2281	−27 30	6.7	7.1	0.1	7.2		3	1	−.4	6.7	0	4
3	2256	+ 2 43	5.8	6.2	0.0	6.2		4	2	−.1	6.1	3	1
3	2324	−25 31	5.8	6.4	0.1	6.5		7	1	−.4	6.0	2	2
3	2301	−25 53	5.6	6.2	0.1	6.3		7	1	−.4	5.8	2	2
3	2292	+ 4 16	4.9	5.1	0.0	5.1		2	4	−.1	5.0	1	3
3	2251	+ 4 19	6.3	6.8	0.0	6.8		3	1	−.1	6.7	4	0
3	2319	− 4 33	6.4	6.9	0.0	6.9		3	1	−.1	6.8	4	0
3	2224	− 4 54	4.4	5.1	0.0	5.1		7	1	−.1	5.0	6	2
3	2257	+ 5 48	5.7	6.2	0.0	6.2		3	1	−.1	6.1	4	0
3	2293	−12 36	5.7	6.3	0.0	6.3		6	0	−.2	6.1	4	0
3	2294	+ 0 1	3.5	4.4	0.0	4.4		9	3	−.1	4.3	8	1
3	2306	+11 21	5.6	6.3	0.0	6.3		7	1	−.0	6.3	7	3
								79	11−10 / 13			3×0 + 12 / 13	0 + 12 / 13

Mean = 6 Mean = 4

2 - Plate 1143

	2294	+ 0 1	3.5	5.5	0.0	5.5				−.1	5.4	19	0
	2373	+ 2 8	4.4	6.4	0.0	6.4				−.1	6.3	19	0
	2292	+ 4 16	4.9	6.8	0.0	6.8				−.1	6.7	18	1
												56 / 19	

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Book 17. Plate 1323

	Nr.	H.P. Dec.	Mag.	Obs. Br.	½ cos δ.	Diff. Read	½ cos δ. Diff.	½ cos δ. Read	Obs. Br. Cor. δ	Obs. Br. + Cor. δ	Diff.	Read
3	2293	-13 36	5.7	7.1	00	7.1	12	7	-.2	6.9	12	5
3	2372	+9 29	5.9	6.5	00	6.5	6	1	-.0	6.5	6	1
3	2294	+0 1	3.5	4.5	00	4.5	10	3	-.1	4.4	9	2
3	2364	+1 38	6.0	6.4	00	6.4	4	3	-.1	6.3	3	4
3	2373	+2 8	4.4	5.2	00	5.2	8	1	-.1	5.1	7	0
3	2351	+12 46	6.1	6.5	00	6.5	4	3	-.0	6.5	4	3
3	2292	+4 16	4.9	5.5	00	5.5	6	1	-.1	5.4	5	2
							52	11-8			46	7-10
								7				7
								Mean = 7				Mean = 8

Plate 1244

3	2393	-17 38	5.5	6.6	00	6.6	11	3	-.2	6.4	9	2
3	2373	+2 8	4.4	5.3	00	5.3	9	1	-.1	5.2	8	1
3	2388	+2 58	5.0	5.7	00	5.7	7	1	-.1	5.6	6	1
3	2369	-24 23	5.9	6.3	00	6.3	4	4	-.3	6.0	1	6
3	2268	-12 49	4.6	5.5	00	5.5	9	1	-.2	5.3	7	0
3	2401	-2 38	6.1	6.8	00	6.8	7	1	-.1	6.7	6	1
3	2420	+9 0	5.0	5.7	00	5.7	7	1	-.0	5.7	7	0
3	2372	+9 29	5.9	6.8	00	6.8	9	1	-.0	6.8	9	2
							63	6-7			53	5-8
								8				8
								Mean = 8				Mean = 7

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Book 17.

g. Plate 1188.

No.	H.P. Dec	Mag.	Obs. Br.	½ cos δ	Diff Reed	½ cos δ Diff Reed	Obs. Br. Cor. δ	+ Cor. δ	Diff. Resid
3	2408	−12 49	4.6	3.3	00	3.3	7	3	−2 5.1 5 2
3	2401	− 2 38	6.1	6.6	00	6.6	5	1	−1 6.5 4 1
3	2430	+1 22	3.8	6.1	00	6.1	3	1	−1 6.0 2 1
3	2393	−17 38	3.5	3.7	00	3.7	2	2	−2 3.5 0 3
3	2388	+2 38	5.0	5.0	00	5.0	0	4	−1 4.9 1 4
3	2452 / 2453	+14 15	3.8	4.5	00	4.5	7	3	−0 4.5 7 4
3	2423	+6 22	5.0	5.5	00	5.5	5	1	−1 5.4 4 1
							29	8−7 / 7	22 8−8 / −1 / 21 7
								Mean = 4	Mean = 3

g. Plate 1327

3	2485	+1 13	5.6	6.4	00	6.4	8	1	−1 6.3 7 3
3	2506	− 8 3	4.9	5.8	00	5.8	9	2	−1 5.7 8 4
3	2468	+2 24	3.7	4.6	00	4.6	9	2	−1 4.5 8 4
3	2472	−26 9	6.1	6.4	01	6.5	4	3	−4 6.0 1 5
3	2480	−15 33	3.0	4.2	00	4.2	12	5	−2 4.0 10 6
3	2469	−25 7	5.8	6.3	01	6.4	6	1	−3 6.0 2 2
3	2456	−24 29	5.8	6.2	01	6.3	5	2	−3 5.9 1 3
3	2474	−13 39	5.4	5.9	00	5.9	5	2	−2 5.7 3 1
3	2465	+1 13	5.6	6.0	00	6.0	4	3	−2 5.8 2 2
~~2474~~	~~−13 39~~	~~5.4~~	~~6.2~~				62	10−11 / 9	41 17 13 / −1 / 40
~~2537~~	~~−19 20~~	~~4.9~~	~~4.9~~					Mean = 7	Mean = 4
~~2538~~	~~+0 49~~	~~5.4~~	~~6.0~~						

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Book 17.

Plate 1189

	No.	H.P. Dec.	Mag	Obs Br.	½ cos δ	Diff Reid	½ cos δ Diff Reid	Obs Br Cor δ Cor δ	Diff Reid
3	2474	-13 39	5.4	6.2	00 6.2	8 1	-.2 6.0	6 0	
3	2531	-19 20	4.9	4.9	00 4.7	0 7	-.2 4.7	2 8	
3	2538	+ 0 49	5.4	6.0	00 6.0	6 1	-.1 5.9	5 1	
3	2506	- 8 3	4.9	6.0	00 6.0	11 4	-.1 5.9	10 4	
3	2480	-15 33	3.0	4.1	00 4.1	11 4	-.2 3.9	9 3	
3	2547	-15 7	6.0	7.0	00 7.0	10 3	-.2 6.8	8 2	
3	2498	+14 56	5.7	5.9	00 5.9	2 5	-.0 5.9	2 4	
3	2499	- 3 51	4.5	5.2	00 5.2	7 0	-.1 5.1	6 0	
						55 12-13 8		46 2 44	2-13 8
						Mean = 7			Mean = 6

Plate 1248

	No.								
3	2587	- 8 47	5.0	6.0	00 6.0	10 1	-.1 5.9	9 1	
3	2571	+2 16	5.1	6.1	00 6.1	10 1	-.1 6.0	9 1	
3	2577	-16 27	5.4	6.1	00 6.1	7 2	-.2 5.9	5 3	
3	2623	-15 17	5.5	6.4	00 6.4	9 0	-.2 6.2	7 1	
3	2631	-1 26	5.4	5.9	00 5.9	5 4	-.1 5.8	4 1	
3	2590 2591	+10 57	4.0	4.8	00 4.8	8 1	-.0 4.8	8 1	
3	2576	-19 15	5.4	6.6	00 6.6	12 3	-.2 6.4	10 2	
3	2539	- 8 56	2.7	4.0	00 4.0	13 4	-.1 3.9	12 4	
3	2538	+ 0 49	5.4	6.6	00 6.6	12 3	-.1 6.5	11 3	
3	2531	-19 20	4.9	5.4	00 5.4	5 4	-.2 5.2	3 5	
3	2587	- 8 47	5.0	5.8	00 5.8	8 1	-.1 5.7	7 1	
						99 12-12 11		85 11-14 11	
						Mean = 9			Mean = 8

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Book 17 - 9 - Plate 1353

	No.	H.P. Dec.	Mag.	Obs. Br.	½ cos δ	Diff. Resid	½ cos δ	Diff. Resid	Obs. Br. Cor. δ	Cor. δ	Diff.	Resid
3	2638	−3 4	3.5	″ 6.6	00	″ 6.6	11	1	−.1	″ 6.5	10	1
3	2635	−3 27	3.5	6.5	00	6.5	10	0	−.1	6.4	9	0
3	2646	−2 44	3.2	6.1	00	6.1	9	1	−.1	6.0	8	1
3	2631	−1 26	3.4	6.1	00	6.1	7	3	−.1	6.0	6	3
3	2698	−20 20	4.1	3.3	00	3.3	12	2	−.3	3.0	9	0
3	2690 } 2691 }	−19 29 } −19 28 }	2.9	4.2	00	4.2	13	3	−.2	4.0	11	2
3	2650	−19 48	3.0	6.1	00	6.1	11	1	−.3	3.8	8	1
3	2590 } 2593 }	+10 37	4.0	3.0	00	3.0	10	0	−.0	3.0	10	1
3	2576	−19 15	3.41	6.7	00	6.7	13	3	−.2	6.7	13	4
3	2587	−8 47	3.0	3.8	00	3.8	8	2	−.1	3.7	7	2
3	2677	−8 4	3.6	6.3	00	6.3	7	3	−.1	6.2	6	3
3	2571	+2 16	3.1	6.3	00	6.3	12	2	−.1	6.2	11	2
3	2620	+13 14	3.1	3.8	00	3.8	7	3	−.0	3.8	7	2
3	2577	−16 27	3.4	6.3	00	6.3	11	1	−.2	6.3	9	0
3	2634	+14 30	3.7	6.4	00	6.4	7	3	−.0	6.4	7	2
3	2645	+4 30	3.7	4.6	00	4.6	9	1	−.1	4.5	8	1
3	2632	+13 48	3.8	4.4	00	4.4	6	4	−.0	4.4	6	3
							163	13−20 / 17			145	10−18 / 17
								Mean = 10				Mean = 9

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Book 17.

g. Plate 1480.

No.	H.P. Dec.	Mag	Obs Br.	½ cos δ.	Diff. Reid.	½ cos δ. Diff. Reid.		Obs Br. Corr. δ	+ Diff. Resd.	
3	2732	−28 19	3.0	6.8	01	6.7	19	4	−.4	6.4	14	2
3	2677	−8 4	5.6	6.7	00	6.7	11	4	−.1	6.6	10	2
3	2671	−25 46	3.1	4.9	01	5.0	19	4	−.4	4.5	14	2
3	2738	−25 18	3.0	5.3	01	5.4	24	9	−.4	4.9	19	7
3	2729	−14 33	6.0	7.0	00	7.0	10	5	−.2	6.8	8	4
3	2734	+7 13	5.7	6.6	00	6.6	9	6	−.1	6.5	8	4
3	2698	−20 20	4.1	5.6	00	5.6	15	0	−.3	5.3	12	0
3	2715	−9 45	4.8	6.3	00	6.3	15	0	−.1	6.2	14	2
3	2714	−19 9	4.2	5.7	00	5.7	15	0	−.2	5.5	13	1
							137	17−15 / 9			112	14−10 / 9
							Mean = 15				Mean = 12	

g. Plate 1505

3	2671	−25 46	3.1	4.8	00	4.9	18	2	−.4	4.4	13	0
3	2738	−25 18	3.0	5.0	00	5.1	21	5	−.4	4.6	16	3
3	2645	+4 50	3.7	5.3	0.0	5.3	16	0	−.1	5.2	15	2
3	2670	−13 56	4.8	6.3	00	6.3	15	1	−.2	6.1	13	0
3	2638	−3 4	3.5	4.8	00	4.8	13	3	−.1	4.7	12	1
3	2702	−12 25	5.6	7.1	00	7.1	15	1	−.2	6.9	13	0
3	2674	−22 17	2.5	4.0	00	4.0	15	1	−.3	3.7	12	1
3	2698	−20 20	4.1	5.5	00	5.5	14	2	−.3	5.2	11	2
3	2715	−9 45	4.8	6.6	00	6.6	18	2	−.1	6.5	17	4
3	2690 / 2691	−19 29 / −19 28	2.9	4.1	00	4.1	12	4	−.2	3.9	10	3
3	2650	−19 48	5.0	6.8	00	6.8	18	2	−.3	6.5	15	2
							175	11−12 / 11 =			147	11−7 / 11
							Mean = 16				Mean = 13	

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Book 17 - 9 - Plate 1391

	No.	H.P. Dec.	Mag.	Obs. Br.	½ cos δ.	Diff. Reid	½ cos δ. Diff.	Reid	Obs. Br. Cor. δ	Cor.+ Diff.	Reid
3	2754	+7 13	5.7	6.3	00	6.3	6	0	-1	62	5 1
3	2773	-21 12	4.7	5.2	00	5.2	5	1	-3	49	2 3
3	2800	-19 42	5.7	6.6	00	6.6	9	3	-3	63	6 1
3	2715	-9 45	4.8	5.4	00	5.4	6	0	-1	53	5 0
3	2714	-19 9	4.2	4.8	00	4.8	6	0	-2	46	4 1
3	2773	+2 15	4.0	4.2	00	4.2	2	4	-1	41	1 4
3	2762	-8 6	4.6	5.2	00	5.2	6	0	-1	51	5 0
3	2716	-8 14	5.4	5.9	00	5.9	4	2	-1	58	3 2
3	2801	+12 39	5.9	6.4	00	6.4	5	1	-0	64	5 0
3	2790	-6 18	6.0	6.7	00	6.7	7	1	-1	66	6 1
3	2798	+4 26	6.6	6.4	00	6.4	7	1	-1	63	6 1
	2799	+4 27	5.7								
3	2757	+14 19	4.7	4.8	00	4.8	1	5	-0	48	1 4
3	2778	+5 46	5.5	6.6	00	6.6	11	5	-1	65	10 5
							75	20-13/13 = mean = 6			59 8-14/13

Mean = 5

9 - Plate 1482

3	2590 2591	+10 57	4.0	4.8	00	4.8	8	2	-0	48	8 1
3	2587	-8 47	5.0	6.0	00	6.0	10	0	-1	59	9 0
3	2576	-19 15	5.4	6.3	00	6.3	9	1	-2	61	7 2
3	2539	-8 36	2.7	4.2	00	4.2	13	5	-1	41	11 5
							42	5-3/4 = mean = 10			38 5-3/4

Mean = 9

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Book 17

9. Plate 1499

	No.	H.P. Dec.	Mag.	Obs Br.	½ cos δ.	Diff. Reid	½ cos δ. Diff. Reid.	Obs Br. Cor. δ	Cor. δ Diff Reid
3	2825	+1 23	5.5	6.5	00	6.5	10 3	-.1	6.4 9 3
3	2790	-6 18	6.0	6.9	00	6.9	9 2	-.1	6.8 8 2
3	2868	-15 34	2.6	4.2	00	4.2	16 9	-.2	4.0 14 8
3	2798 2799	+4 27	5.7	6.3	00	6.3	6 1	-.1	6.2 5 1
3	2817	+5 28	5.5	5.5	00	5.5	0 7	-.1	5.4 1 7
3	2835	-22 37	5.6	6.2	00	6.2	6 1	-.0	6.2 6 0
3	2824	+7 28	5.4	5.7	00	5.7	3 4	-.1	5.6 2 4
3	2864	-0 56	5.9	6.2	00	6.2	3 4	-.1	6.1 2 4
3	2832	+0 22	4.4	5.2	00	5.2	8 1	-.1	5.1 7 1
	~~2825~~	~~+1 23~~	~~5.5~~				61 15-17 =		5.3 14-16 -1 9 5.2
							9 Mean = 17		Mean = 6

9. Plate 1392

3	2897	-12 43	4.4	4.9	00	4.9	5 1	-.2	4.7 3 1
3	2857	-0 43	5.6	6.3	00	6.3	7 3	-.1	6.2 6 2
3	2832	+10 22	4.4	4.7	00	4.7	3 1	-.0	4.7 3 1
3	2859	+13 54	4.9	5.3	00	5.3	4 0	-.0	5.3 4 0
3	2852	+13 47	6.0	6.2	00	6.2	2 2	-.0	6.2 2 2
3	2822	+13 29	6.0	6.4	00	6.4	4 0	-.0	6.4 4 0
							25 4-3 = 6		22 2-4 = 6
							Mean = 4		Mean = 4

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Book 17.

Plate 1357

	No.	H.P. Dec.	Mag.	Obs. Br.	½ cos δ	Diff. Recd	Diff. Recd	Obs. Br. Cor. δ	Cor. δ + Cord.	Diff. Recd	Diff. Recd
3	2949	-8 3	4.7	5.5	00	5.5	8	1	-.2	5.3	6	1
3	2899	-24 53	3.4	4.3	01	4.4	10	3	-.4	3.9	5	0
3	2909	-24 4	4.5	5.3	00	5.3	8	1	-.3	5.0	5	0
3	2927	-23 52	4.9	5.5	00	5.5	6	1	+.3	5.2	3	2
3	2956	-12 49	4.4	5.0	00	5.0	6	1	-.2	4.8	4	1
3	2897	-12 43	4.4	5.0	00	5.0	6	1	-.3	4.8	4	1
3	2942	+9 40	5.9	6.0	00	6.0	1	6	-.0	6.0	1	4
3	2925	+0 27	5.2	6.2	00	6.2	10	3	-.1	6.1	9	4
							55	8-9			37	5-8
								Mean = 7				Mean = 5

Plate 1376

3	2956	-12 49	4.4	5.5	00	5.5	11	2	-.2	5.3	9	1
3	3023	+1 18	4.4	5.2	00	5.2	8	1	-.1	5.1	7	1
3	2949	-8 3	4.7	5.8	00	5.8	11	2	-.1	5.7	10	2
3	2967 2968	+2 38	5.8	6.4	00	6.4	6	3	-.1	6.3	5	3
3	2979	+2 45	3.8	4.5	00	4.5	7	2	-.1	4.4	6	2
3	3014	+4 23	4.8	5.8	00	5.8	10	1	-.1	5.7	9	1
3	2947	-15 19	3.7	4.8	00	4.8	11	2	-.2	4.6	9	1
							64	7-6			55	5-6
								Mean = 9				Mean = 8

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Book 17.

9 Plate 1382.

	No.	H.P. Dec.	Mag.	Obs Br.	½ cos δ	Diff. Resid.	½ cos δ Diff. Resid.	obs Br. Cord.	+ Cord.	Diff. Resid.
3	3023	+1 18	4.4	5.2	00	5.2	8 3	-.1	5.1	7 4
3	2995	−28 3	3.8	6.8	0.1	6.9	11 6	-.4	6.4	6 3
3	2979	+2 45	3.8	4.5	00	4.5	7 2	-.1	4.4	6 3
3	3014	+4 23	4.8	5.2	00	5.2	4 1	-.1	5.1	3 0
3	2996	−15 47	5.9	6.0	00	6.0	1 4	-.2	5.8	1 4
3	3006	−23 48	4.6	4.8	00	4.8	2 3	-.3	4.3	1 4
4	3045	+9 33	3.8	4.2	00	4.2	4 1	-.0	4.2	4 1
							37 11-9			26 11.8
							7			-2
							Mean = 5			24 7
										Mean = 3

9 Plate 1377

4	3098	−12 4	5.9	6.6	00	6.6	7 0	-.2	6.4	5 0
4	3143	−0 25	3.8	6.2	00	6.2	4 3	-.1	6.1	3 2
4	3045	+9 33	3.8	5.0	00	5.0	12 5	-.0	5.0	12 7
4	3112	+0 8	5.2	5.9	00	5.9	7 0	-.1	5.8	6 1
4	3124	−18 29	5.2	5.8	00	5.8	6 1	-.2	5.6	4 1
4	3099	+11 59	5.9	6.1	00	6.1	2 5	-.0	6.1	2 3
4	3119	−14 38	4.7	5.3	00	5.3	8 1	-.2	5.3	6 1
							46 6-9			38 9-6
							7			7
							Mean = 7			Mean = 5

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Book 17.

Plate 1506

No.	H.P. Dec	Obs Mag.	Obs Br.	½cosδ	Diff.	Recid.	½cosδ Diff.	Recid.	Obs Br. Corr. δ	Obs Br. Corr. N	Diff.	Recid.
3143	−0 25	5.8	7.2	00	7.2		14	2	−.1	7.1	13	2
3138	+1 56	5.1	6.2	00	6.2		11	1	−.1	6.1	10	1
3119	−14 38	4.7	6.1	00	6.1		14	2	−.2	5.9	12	1
3118	+6 7	5.7	6.7	00	6.7		10	2	−.1	6.6	9	2
							49	4-3			44	3-3
								4				4
							Mean = 12				Mean = 11	

Plate 1451

3158	+1 56	5.1 ✓	5.6	00	5.6		5	~~2~~	1	−.1 ✓	5.5 ✓	4 ✓	1 ✓
3157	−27 7	3.3 ✓	4.6	01	4.7		13	~~8~~	7	−.4 ✓	4.2 ✓	9 ✓	4 ✓
3216	+4 3	4.1 ✓	5.1	00	5.1		10	~~8~~	4	−.1 ✓	5.0 ✓	9 ✓	4 ✓
3199	−26 27	2.3 ✓	4.0	01	4.1		(18)	~~14~~	(12)	−.4 ✓	3.6 ✓	13 ✓	8 ✓
3260	−5 4	3.6 ✓	4.7	00	4.7		11	~~8~~	3	−.1 ✓	4.6 ✓	10 ✓	3 ✓
3162	+5 22	5.7 ✓	5.8	00	5.8		1	~~1~~	3	−.1 ✓	3.7 ✓	0 ✓	3 ✓
3128	−14 57	5.8 ✓	6.0	00	6.0		2	~~5~~	4	−.2 ✓	5.8 ✓	0 ✓	3 ✓
3119	−14 38	4.7 ✓	5.8	00	5.8		11	~~8~~	3	−.2 ✓	5.6 ✓	9 ✓	4 ✓
3226	−13 0	5.3 ✓	5.7	00	5.7		4	~~3~~	2	−.2 ✓	5.5 ✓	2 ✓	3 ✓
3212	−1 57	6.0 ✓	6.2	00	6.2		2	~~5~~	4	−.1 ✓	6.1 ~~8~~ '	4 ~~3~~ '	3 ✓
3165	−1 3	5.8 ✓	6.0	00	6.0		2	~~5~~	4	−.1 ✓	5.9 ✓	1 ✓	4 ✓
3213	−20 49	5.0 ✓	5.7	00	5.7		7	~~9~~	1	−.3 ✓	5.4 ✓	4 ✓	1 ✓
3143	−0 25	5.8 ✓	6.0	00	6.0		2	~~5~~	4	−.1 ✓	5.9 ✓	1 ✓	4 ✓
							~~88~~	22 24			62 ~~3~~	25-28	
							70	~~16~~ 12				13	
							Mean = ~~16~~				Mean = ~~8~~		

.48

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Le. Plate 1509

No.	H.P. Dec.	Mag	Obs. Br.	½ cos δ	Diff. Read	½ cos δ Diff. Read	Obs. Br. Cor.	Cor. Diff. Read
3045	+9 33	3.8	6.0	00	6.0	22 4	-.0	6.0 22 5
3124	-18 29	5.2	6.7	00	6.7	13 3	-.2	6.5 13 4
3083	+1 18	4.4	6.2	00	6.2	18 0	-.1	6.1 17 0
3119	-14 38	4.7	6.3	00	6.3	18 0	-.2	6.3 16 1
						73 4-3/4		68 5-3/4
						Mean = 18		Mean = 17

Le. Plate 1452

3373	-25 9	4.6	5.0	0.1	5.1	3	-.3	4.7
3390	-23 42	6.2	6.0	00	6.0	2	-.3	5.7
~~3317~~	~~-1 7~~	~~5.6~~	~~6.6~~			3		
~~3264~~	~~+10 53~~	~~5.1~~	~~5.6~~					
~~3305~~	~~+11 23~~	~~5.1~~	~~6.3~~					
~~3284~~	~~+3 5~~	~~5.0~~	~~6.1~~					
~~3277~~	~~8 8~~	~~5.3~~	~~6.4~~					
~~3314~~	~~+10 9~~	~~5.4~~	~~6.5~~					
~~3266~~	~~+2 23~~	~~5.0~~	~~6.3~~					

These stars entered by mistake under Plate 1452 - See next page Plate 1567

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Book 17. 1e Plate 1567

No.	H.D. Dec	Mag	Obs. Br.	½ cos δ.	Diff. Read.	½ cos δ. Diff. Read.	Obs. Br. Cor.	δ Cor.	Diff. Read.
3317	−1 7	5.6	6.6	00	66	10 0	−.1	6.5	9 0
3264	+10 53	5.1	5.6	00	5.6	5 5	−.0	5.6	5 4
3305	+11 23	5.1	6.3	00	6.3	12 2	−.0	6.3	12 3
3284	+2 5	5.2	6.1	00	6.1	9 1	−.1	6.0	8 1
3277	−8 8	5.3	6.4	00	6.4	11 1	−.1	6.3	10 1
3314	+12 9	5.4	6.5	00	6.5	11 1	−.0	6.5	11 2
3222	+2 23	7.2	6.3	00	6.3	(−9) (17)	−.1	6.2	(10) (17)
3259	+13 41	3.1	4.0	00	4.0	9 1	−.0	4.0	9 0
3215 / 2216	+4 3	4.1	5.5	00	5.5	14 4	−.1	5.4	13 4
3298	+14 20	5.4	6.3	00	6.3	9 1	−.0	6.3	9 0
3295	+4 38	5.4	6.4	00	6.4	10 0	−.1	6.3	9 0
3260	−5 4	3.6	4.5	00	4.5	9 1	−.1	4.4	8 1
						199 8−9			103 10−6
						−9 11			−10 11
						190			93
						Mean = 10			Mean = 9

1e Plate 1597.

3380	−7 18	4.9	6.6	00	6.6	17 5	−.1	6.5	6 1
3370	−24 59	5.8	6.3	01	6.4	8 6	−.3	6.0	2 5
3381	−1 33	4.3	5.4	00	5.4	11 1	−.1	5.3	10 3
3317	−1 7	5.6	6.8	00	68	12 0	−.1	6.7	11 4
						48 5−7			29 7−6
						4			4
						Mean = 12			Mean = 7

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Book 17

Le Plate 1580

No.	H.R. Dec.	Mag.	Obs. Br.	½ cos δ.	Diff. Resid.	½ cos δ? Diff. Resid.	Obs. Br. Cor. δ.	Cor. δ.	Diff.	Resid
3381	-1 33	4.3	5.7	00	5.7		-.1	56	13	2
3453	+11 6	5.4	6.2	00	6.3		-.0	62	8	3
3456	-15 49	5.0	6.5	00	6.5		-.2	63	13	2
									34	
									11	

Le Plate 1672

3514	-1 11	3.4	4.8	00	4.8	14	4	-.1	4.7	13	4
3453	+11.6	5.4	6.3	00	6.3	9	1	-.0	6.3	9	0
3441	-8 32	5.3	6.4	00	6.4	11	1	-.1	6.3	10	1
3456	-15 49	5.0	5.6	00	5.6	6	4	-.2	5.4	4	5
						40	5-5			36	5-5
							4				4
						Mean = 10				Mean: 9	

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g. Plate 1623

No.	H.P. Dec.	Mag.	Obs. Br.	½ cos δ	Diff. Resid.	½ cos δ. Diff. Resid.		Obs. Br. Work.	+ Corr.	Diff. Resid.	
3476	−13 58	5.8	6.7	00	6.7	9	1	−.2	6.5	7	1
3552	−13 9	4.7	5.7	00	5.7	10	0	−.2	5.3	8	0
3514	−1 11	3.4	4.4	00	4.4	10	0	−.1	4.3	9	1
3453	+11 6	5.4	6.3	00	6.3	9	1	−.0	6.3	9	1
						38	0-2			33	2-1
							4				4
						Mean = 10		Mean = 8			

g. Plate 1581

3552	−13 9	4.7	6.4	00	6.4	17	6	−.2	6.2	15	5
3514	−1 11	3.4	4.8	00	4.8	14	3	−.1	4.7	13	3
3584	+10 30	5.9	6.8	00	6.8	9	2	−.0	6.8	9	1
3568	+0 41	6.1	6.9	00	6.9	8	3	−.1	6.8	7	3
3607	+10 58	5.3	6.4	00	6.4	11	0	−.0	6.4	11	1
3592	+10 54	4.1	4.8	00	4.8	7	4	−.0	4.8	7	3
3577	−18 59	5.6	6.7	00	6.7	11	0	−.2	6.5	9	1
3574	−18 36	5.2	6.1	00	6.1	9	2	−.2	5.9	7	3
3577	+12 38	5.2	6.4	00	6.4	12	1	−.2	6.2	10	0
3600	+14 16	4.7	5.8	00	5.8	11	0	−.0	5.8	11	1
3523	+14 50	5.1	6.0	00	6.0	9	2	−.0	6.0	9	1
3624	+15 29	4.0	5.0	00	5.0	10	1	−.0	5.0	10	0
						128	10−14			118	10−12
							12				12
						Mean = 11		Mean = 10			

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4 Plate 1489

No.	H.R. Dec.	Mag.	Obs Br.	½cosδ	Diff. Reid	½cosδ Diff. Reid	Obs. Br. Corr.	+ Corr.	Diff. Reid
3609	−15 23	5.3	6.7	00	6.7	14 1	−.2	6.5	12 1
3706	−20 20	5.2	6.8	00	6.8	16 1	−.3	6.5	13 0
3647	−9 36	3.8	5.0	00	5.0	12 3	−.2	4.8	10 3
3666	−9 26	4.8	6.7	00	6.7	19 4	−.1	6.6	18 5
						61 5-4/4 =			53 5-4/4
						Mean = 15			Mean = 13

4 Plate 1602

3712	−17 43	4.3	5.7	00	5.7	14 3	−.2	5.5	12 3
3609	−15 23	5.3	6.1	00	6.1	8 3	−.2	5.9	6 3
3651	+5 34	5.5	6.5	00	6.5	10 1	−.1	6.4	9 0
3706	−20 20	5.2	6.5	00	6.5	13 2	−.3	6.2	10 1
3647	−9 36	3.8	4.5	00	4.5	7 4	−.2	4.3	5 4
3667	+10 58	5.3	6.5	00	6.5	12 1	−.0	6.5	12 3
3592	+10 54	4.1	5.1	00	5.1	10 1	−.0	5.1	10 1
						74 6-9/7			64 8-7/7
						Mean = 11			Mean = 9

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9. Plate 1598

No	H.P. Dec	Obs. Mag	Br ½ cos δ	Diff. Reid	½ cos δ Diff. Reid	Obs. Br. Cor. δ	Cor. δ + Corr.	Diff. Reid
3706	−20 20	3.2	6.1	00	6.1	9	3	−.3 5.8 6 4 5
3712	−17 43	4.3	3.2	00	3.2	9	3	−.2 3.0 7 3 4
3664	−7 57	3.3	7.0	00	7.0	15	3	−.1 6.8 13 3 3
3739	+4 45	4.1	5.8	00	5.8	17	3	−.1 5.7 16 4 5
						50	8-6 / 4	42 9-7 / 43 4
							Mean = 12	Mean = 10

Mean = 108

9. Plate 1673

3712	−17 43	4.3	3.6	

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Plate 1603

No.	H.A. Dec	Mag.	Obs. Br.	½ cos δ	Diff. Resid	½ cos δ Diff.	Resid	Cor. d.	Obs. Br. + Corr.	Diff.	Resid
3818	−17 12	4.0	5.7	00	5.7	17	4	−.2	5.5	15	4
3765	+6 18	4.9	6.2	00	6.2	13	0	−.1	6.1	12	1
3809	−20 0	4.5	5.3	00	5.3	8	3	−.3	5.0	5	6
3720	−21 40	5.3	6.7	00	6.7	14	1	−.3	6.4	11	0
						52	5-5			43	5-6
							4				4
						Mean = 13				Mean = 11	

Plate 1522

3889	−2 44	4.7	6.0	00	6.0	13	4	−.1	5.9	12	4
3846	−11 35	5.4	6.8	00	6.8	14	3	−.2	6.6	12	4
3830	+10 16	6.0	6.5	00	6.5	5	4	−.0	6.5	5	3
3891	+10 49	5.8	6.5	00	6.5	7	2	−.0	6.5	7	1
3875	+11 32	5.5	6.0	00	6.0	5	4	−.0	6.0	5	3
3811	−8 24	4.8	5.5	00	5.5	7	2	−.1	5.4	6	2
3851	+2 8	5.6	6.4	00	6.4	8	1	−.1	6.3	7	1
3901	−14 27	4.3	5.7	00	5.7	14	3	−.2	5.5	12	4
						73	14-13			66	12-10
							8				8
						Mean = 9				Mean = 8	

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Book 17.

Ⓖ Plate 1639

No.	H.P. Dec.	Obs. Mag. Br.	½ cos δ	Diff. Reid.	½ cos δ Diff. Reid.	Cor. δ	Obs. Br. Cor. δ	Diff. Reid.
3889	-2 44	4.7	3.8	00	3.8	11	4	-1 3.7	10	4
3846	-11 35	3.4	6.3	00	6.3	11	4	-2 6.3	9	3
3809	-20 0	4.3	3.2	00	3.2	7	0	-3 4.9	4	2
3830	+10 16	6.0	6.2	00	6.2	2	3	-0 6.2	2	4
3891	+10 49	3.8	6.4	00	6.4	6	1	-0 6.4	6	0
3875	+11 32	3.5	6.0	00	6.0	5	2	-0 6.0	5	1
3811	-8 24	4.8	3.7	00	3.7	9	2	-1 3.6	8	2
3794	+11 37	5.9	6.4	00	6.4	5	2	-0 6.4	5	1
3851	+2 8	3.6	6.2	00	6.2	6	1	-2 6.0	4	2
3886	+12 33	3.6	6.2	00	6.2	6	1	-0 6.2	6	0
3828	-14 57	3.8	6.3	00	6.3	7	0	-2 6.3	5	1
						75	10-12		64	9-11
							11			11
							Mean = 7		Mean = 6	

Ⓖ Plate 1585

3946	-8 25	5.4	6.8	00	6.8	14	4	-1 6.7	13	4
3928	-28 22	3.6	6.8	01	6.7	13	3	-4 6.4	8	1
3957	-5 26	3.8	6.8	00	6.8	10	0	-1 6.7	9	0
3948	+5 11	5.2	6.2	00	6.2	10	0	-1 6.1	9	0
3913	+5 36	3.8	4.7	00	4.7	9	1	-1 4.6	8	1
3914	-4 29	5.9	6.9	00	6.9	10	0	-1 6.8	9	0
3901	-14 27	4.3	5.4	00	5.4	11	1	-2 5.2	9	0
3889	-2 44	4.7	5.6	00	5.6	9	1	-1 5.3	8	1
3950	-1 59	4.1	5.1	00	5.1	10	0	-1 5.0	9	0
3915	-12 9	5.4	5.9	00	5.9	5	5	-2 5.7	3	6
3891	+10 49	5.8	6.8	00	6.8	10	0	-0 6.8	10	1
						111	8-7		95	5-9
							11			11
							Mean = 10		Mean = 9	

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Book 17

Lg. Plate 1523.

No.	H.P. Dec.	Mag.	Obs. Br.	½cosδ.	Diff. Read.	½cosδ. Diff. Read.	Obs. Br. Corr.	Corr. + Corr.	Diff. Read.
3950	−1 59	4.1	4.3	00	4.3	4 2	−.1	4.4	3 2
3978	−11 17	4.8	5.8	00	5.8	10 4	−.2	5.6	8 3
3994	−0 44	4.2	4.4	00	4.4	2 4	−.1	4.3	1 4
4013	+10 12	3.6	4.0	00	4.0	4 2	−.0	4.0	4 1
3951	+11 36	5.1	5.2	00	5.2	1 5	−.0	5.2	1 4
3946	−8 25	5.4	6.2	00	6.2	8 2	−.1	6.1	7 2
4017	−7 35	6.2	7.0	00	7.0	8 2	−.1	6.9	7 2
3957	−5 26	5.8	6.3	00	6.3	3 1	−.1	6.2	4 1
3913	+5 36	3.8	4.7	00	4.7	9 3	−.1	4.6	8 3
						51 11−14 =			43 10−12
						9			9
						Mean = 6			Mean = 5

Lg. Plate 1606

4007	−27 40	4.1	5.6	0.1	5.7	16 3	−.4	5.2	11 2
4017	+3 10	4.6	5.3	00	5.3	7 4	−.1	5.2	6 3
4047	−16 28	3 4	4.7	00	4.7	13 2	−.2	4.5	11 2
4028	−14 41	5.6	6.5	00	6.5	9 2	−.2	6.3	7 2
4044	−12 15	5.8	6.3	00	6.3	5 6	−.2	6.1	3 6
4051	+8 11	4.5	5.5	00	5.5	10 1	−.0	5.5	10 1
3978	−11 17	4.8	6.2	00	6.2	14 3	−.2	6.0	12 3
3994	−0 44	4.2	5.7	00	5.7	15 4	−.1	5.5	13 4
4013	+10 12	3.6	4.4	00	4.4	8 3	−.0	4.4	8 1
						97 14−16 =			81 12−12
						9			9
						Mean = 11			Mean = 9

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Book 17.

9 Plate 1608

No.	H.P. Dec.	Mag.	Obs Bar.	½ cos δ	Diff. Resid.	½ cos δ. Diff. Resid	Obs. Bar. Cor. δ	Cor. δ	Diff. Resid
4102	+8 4	5.1	6.2	00	6.2	11 3	-.0	6.2	11 4
4051	+8 11	5.0	5.7	00	5.7	7 1	-.0	5.7	7 0
4097	+9 11	5.3	5.9	00	5.9	6 2	-.0	5.9	6 1
4119	-9 50	4.5	5.2	00	5.2	7 1	-.2	5.0	5 2
4077	+3 10	4.6	5.1	00	5.1	5 3	-.1	5.0	4 3
4047	-16 28	3.4	4.4	00	4.4	10 2	-.2	4.2	8 1
4126	-5 46	5.7	6.9	00	6.9	12 4	-.1	6.8	11 4
4108	-4 8	5.6	6.3	00	6.3	7 1	-.1	6.2	6 1
						65 9-8			58 9-7
						Mean: 8			Mean: 7

9 Plate 1630

4190	-15 12	4.7	6.6	00	6.1	
4119	-9 50	4.3	6.5	00	6.5	

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Book 17 -

♀ Plate 1683

No.	H.P. Dec.	Mag.	Obs. Br.	½ cos δ	Diff. Resid	½ cos δ. Diff. Resid.	Obs. Br. Cor. δ	Cor. δ + Corr. δ.	Diff. Resid
4137	-15 42	5.3	6.7	00	6.7	14 0	-2	6.5	12 0
4190	-15 12	4.7	5.9	00	5.9	12 2	-2	5.7	10 2
4178	-14 53	5.2	6.7	00	6.7	13 1	-2	6.5	13 1
~~4108~~	~~-4 8~~	~~5.6~~	~~6.7~~	~~00~~	~~6.7~~	17 3	-3	6.1	14 2
4157	-21 34	4.7	6.4	00	6.4	15 1	-2	6.4	13 1
4124	-10 15	5.1	6.6	00	6.6	12 2	-2	5.3	10 2
4119	-9 50	4.5	5.7	00	5.7	15 1	-1	6.4	14 2
4146	+0 36	5.0	6.5	00	6.5	14 0	-1	6.3	13 1
4188	+1 7	5.0	6.4	00	6.4	114 6-4/8			99 7-4/8
						Mean = 14			Mean = 12

♀ Plate 1700

4190	-15 12	4.7	5.8	00	5.8	11 1	-2	5.9	9 2
4178	-14 53	5.2	6.4	00	6.4	12 0	-2	6.2	10 1
4102	+8 4	5.1	6.5	00	6.5	14 2	-0	6.5	14 3
4157	-21 34	4.7	6.2	00	6.2	15 3	-3	5.9	12 1
4097	+9 11	5.3	6.7	00	6.7	14 2	-0	6.7	14 3
4124	-10 15	5.1	6.2	00	6.2	11 1	-2	6.0	9 2
4146	+0 36	5.0	6.0	00	6.0	10 2	-1	5.9	9 2
4119	-9 50	4.5	5.6	00	5.6	11 1	-2	5.4	9 2
						98 7-5/8 =			867-9/8
						Mean = 12			Mean = 11

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Book 17.

2y. Plate 1590

No.	H.P. Dec.	Mag.	Obs. Br.	½ cos δ.	Diff. Resid.	½ cos δ. Diff.	Resid.	Obs. Br. Cor. δ.	Cor. δ.	Diff.	Resid
4245	-3 42	5.1	6.4	00	6.4	13	3	-.1	6.3	12	4
4157	-21 34	4.7	6.0	00	6.0	13	3	-.3	5.7	10	2
4213	-19 34	5.3	6.0	00	6.0	7	3	-.2	5.8	5	3
4195	-18 57	5.3	6.1	00	6.1	8	2	-.2	5.9	6	2
4188	+1 7	4.7	5.8	00	5.8	11	1	-.1	5.7	10	2
4252	-18 0	4.6	5.8	00	5.8	12	2	-.2	5.6	10	2
4190	-15 12	4.7	5.3	00	5.3	6	4	-.2	5.1	4	4
4245	-3 42	5.1	6.2	00	6.2	11	1	-.1	6.1	10	2
						81	10-9			67	12-9
							8				8
						Mean = 10				Mean: 8	

2y. Plate 1641

4218	+10 16	5.3	6.6	00	6.6	13	2	-.2	6.4	11	2
4213	-19 34	5.3	6.2	00	6.2	9	2	-.2	6.0	7	2
4195	-18 57	5.3	6.4	00	6.4	11	0	-.2	6.2	9	0
4188	+1 7	4.7	5.8	00	5.8	11	0	-.1	5.7	10	1
4252	-18 0	4.6	5.7	00	5.7	11	0	-.2	5.5	9	0
4190	-15 12	4.7	5.4	00	5.4	7	4	-.2	5.2	5	4
4178	-14 53	5.2	6.8	00	6.8	16	5	-.2	6.6	14	5
						78	7-6			63	8-6
							7				7
						Mean = 11				Mean: 9	

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Book 10

9. Plate 864

Nr.	H.P. Dec.	Mag.	Obs. Br.	½ cos δ.	Wedge A. ½cos δ. Diff. Reed	Wedge B. ½cos δ. Diff. Reed	Diff. Reed.	Cor. δ.	Obs Br. Cor. δ.	Diff. Reed
4252	-15 0	4.6	5.4	5.6	00	5.6	10	3	9 4	-2 5.2 6 2
4245	-3 42	5.1	5.7	5.8	00	5.8	7	2	6 1	-1 5.6 5 1
4227	+6 24	6.1	6.3	6.3	00	6.3	2	3	2 3	-1 6.2 1 3
33	-10 14	5.4	5.9	6.0	00	6.0	6	1	5 0	-2 5.7 3 1
4218	+10 16	5.3	5.8	5.8	00	5.8	5	0	5 0	-0 5.8 5 1
12	+10 29	5.4	5.8	5.6	00	5.6	2	3	4 1	-0 5.8 4 0
							32	8-6 / 6	31	5-4 / 6 = 1
							Mean = 5		Mean = 5	24 4-0 / 6 Mean = 4

9. Plate 949

			B.				
4252	-15 0	4.6	5.4	5.6	00	5.6	
4245	-3 42	5.1	5.7	5.8	00	5.8	
4227	+6 24	6.1	6.3	6.3	00	6.3	
33	-10 14	5.4	5.9	6.0	00	6.0	
4218	+10 16	5.3	5.8	5.8	00	5.8	
12	+10 29	5.4	5.8	5.6	00	5.6	

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Book 10.

* 8h Plate 894

No.	H.P. Dec.	Mag.	Obs. Br. a	Obs. Br. B.	½ cos δ.	Wedge A. ½ cos δ. Diff.	Wedge A. ½ cos δ. Read.	Wedge B. ½ cos δ. Diff.	Wedge B. ½ cos δ. Read.	Cor. δ	Obs. Br. Cor. δ	Diff.	Read.
33	−10 14	5.4	~~6.0~~	5.9	00	~~6.0~~	6	3	5	2	−.2	5.7	3	2
12	−10 29	5.4	~~5.8~~	5.7	00	~~5.8~~	4	1	3	0	−.2	5.5	1	0
84	+14 34	5.8	~~5.9~~	5.8	00	~~5.9~~	1	2	0	3	−.2	5.6	2	3
72	+6 18	5.7	~~5.9~~	6.0	00	~~5.9~~	2	1	3	0	−.1	5.9	2	1
							13	4−3 / 4	11	2−3 / 4			6	3−3 / 4
													−2 / 4	
							Mean = 3		Mean = 3				Mean = 1	

* Plate 894 was not included in first grouping of 8h Plates in Book 29: as it had only 2 standard stars at the time that grouping was made.

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Book H 1st Cycle.

9. Plate 839 9

	No.	Dec.	Mag	H.P. Obs. Br.	½ cos δ	Diff. Reid.		Cor. δ	Obs. Br. Cor. δ	Diff. Reid
4	3744	−5 2	5.8	6.6	00	66	8 2	−.1	6.5	7 1 2
4	3812	+6 5	5.9	6.7	00	6.7	8 2	−.1	66	7 1 2
4	3765	+6 18	4.9	6.2	00	6.2	13 3	−.1	6.1	12 1 3
4	3720	−21 40	5.3	6.5	00	6.5	12 2	−.3	6.2	9 1 0
4	3810	−0 56	6.2	6.8	00	6.8	6 4	−.1	6.7	5 3 4
4	3726	+9 39	4.8	6.2	00	6.2	14 4	0	6.2	14 1 3
4	3809	−20 0	4.5	5.9	00	5.9	14 4	−.3	5.6	11 3 2
4	3794	+11 37	5.9	6.7	00	6.7	8 2	0	6.7	8 0 1
4	3743	−18 29	6.3	6.5	00	6.5	11 1	−.2	6.3	(2) 10 (11)
							94 14−10 9			73 10−9 8

Mean = .10 Mean = 8 9

Book 1

Plate 176 9

					a	B		a	B			Diff. Reid. Wedge B.	Obs. Br. Cor. δ	Lord.	Diff. Reid.
4	4252	−18 0	4.6		5.6	5.4	00	5.6	5.4	10	7		−.2	5.2	6
1	68	+24 27	5.2		6.0	5.9	0.1	6.1	6.0	9	6		0	5.9	7
4	4245	−3 42	5.1		4.8	5.0	00	4.8	5.0	3	6		−.1	4.9	2
1	72	+6 18	5.7		6.2	6.8	00	6.2	6.1	5	2		−.1	6.0	3
1	2	−23 11	7.3		6.4	6.3	00	6.4	6.3	(9)	(12)		−.3	6.0	7 (13)
1	3	−3 13	6.4		5.9	5.8	00	5.9	5.8	3	8		−.1	5.7	7
4	4249	+7 49	6.0		6.2	6.1	00	6.2	6.1	2	1		−.0	6.1	1
1	33	−10 14	5.4		5.7	5.5	00	5.7	5.6	3	0		−.2	5.3	1
1	12	+10 29	5.4		5.5	5.5	00	5.5	5.5	1	2		0	5.5	1
										30 15−17 8					18 18 17 10 1 9 8

30 − 17 = 13; 30 − 8 = 22

Mean = 3 Mean = 0

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Book 1 Plate 197 ♑

No.	H.P. Dec.	Mag.	Obs. Br.	½ cos δ	a	B	½ cos δ	Wedge B a	Wedge B B	Diff. Read	½ cos δ	Diff. Read	Obs. Br Corr. δ	Corr. δ	Diff. Read
1	23	+ 14 31	3.0		4.2	4.5	00	4.2	4.5	12	7	15	8	0	45	15	9
1	68	− 24 27	5.2		3.7	3.7	0.1	5.8	5.8	6	1	6	1	−3	5.4	2	4
1	72	+ 6 18	5.7		5.6	5.8	00	5.6	5.8	1	6	1	6	−1	5.7	0	6
1	32	+ 8 9	6.1		6.5	6.7	00	6.5	6.7	4	1	6	1	0	6.7	6	0
										22	8−7	28	8−8			23	9−10
										−1	4		4				4
										21		Mean = 7				Mean = 6	

Mean = 7

Plate 157 ♑

					a	B										
4	41157	−21 34	4.7		6.3	6.3	00	6.3		6	2			−3	60	13	6
4	41164	− 1 35	5.9		6.9	7.0	00	6.9		10	2			−1	6.9	10	3
4	41179	+ 9 1	6.2		6.5	6.6	00	6.5		3	3			0	66	4	3
4	41218	+10 16	5.3		6.1	6.2	00	6.1		8	0			0	6.2	9	2
4	42207	+ 0 25	6.1		6.5	6.5	00	6.5		4	4			−1	6.4	3	4
4	42213	−19 34	5.3		6.0	6.0	00	6.0		7	1			−2	5.8	5	2
4	41195	−18 57	5.3		6.0	6.0	00	6.0		7	1			−2	5.8	5	2
4	41188	+ 1 7	4.7		5.7	5.5	00	5.7		10	2			−1	5.4	7	0
4	42221	+ 1 25	6.3		6.5	6.5	00	6.5		2	6			−1	6.4	1	6
4	41167	− 8 8	6.5		7.2	7.2	00	7.0		3	3			−1	7.1	6	1
4	42252	−18 0	4.6		6.1	6.0	00	6.1		13	7			−2	5.8	12	5
4	41190	−15 12	4.7		6.0	5.8	00	6.0		13	5			−2	5.6	9	2
										90	16−22					84	18−18
											12						12
										Mean = 8						Mean = 7	

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Book 6 Plate 863 S

No.	H.P Dec	Mag.	Obs. Br.	a B.	½ cos δ	Diff.	Read	Wedge B. ½ cos δ	Diff.	Read	Obs. Br Cond.	Cond.	Diff.	Read
4	4213	-19 34	5.3	~~6.4~~	6.3	0	~~6.4~~	6.3	11	2		-.2	6.1	8 3
4	4195	-18 37	5.3	~~6.5~~	6.5	0	~~6.5~~	6.5	12	1		-.2	6.3	10 1
4	4188	+1 7	4.7	~~6.0~~	6.0	0	~~6.0~~	6.0	13	0		-.1	5.9	12 1
4	4221	+1 25	6.3	~~6.8~~	7.0	0	~~6.8~~	7.0	3	8		-.1	6.9	6 3
4	4252	+18 0	4.6	~~6.2~~	6.1	0	~~6.2~~	6.1	16	3		0	6.1	15 4
4	4190	-13 12	4.7	~~6.1~~	6.0	0	~~6.1~~	6.0	14	1		-.2	5.8	11 0
4	4245	-3 42	5.1	~~6.9~~	6.8	0	~~6.9~~	6.8	18	3		-.1	6.7	16 5
									89	9-11				78 10-9
										7				7
									Mean = 13					Mean = 11

Plate 703 S

4	3664	-5 57	5.5	6.5								-.1	6.4	9 1
4	3609	-15 23	5.3	6.3								-.2	6.1	8 2
4	3651	+5 34	5.5	6.4								-.1	6.3	8 2
4	3639	-21 57	5.8	6.8								-.3	6.5	7 3
4	3647	-9 56	3.8	4.8								-.2	4.6	8 2
4	3592	+10 54	4.1	5.4								0	5.4	13 3
4	3607	+10 58	5.3	6.7								0	6.7	14 4
														67 7-10
														7
														Mean = 10

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Book 6

Plate 724. ♀

	Nro.	H.P. Dec.	Mag.	Obs. Br.	Bord.	Obs. Br. + Bord.	Diff.	Recd.	
~~4~~	~~3735~~	~~+9~~	~~31~~	~~4.6~~	~~6.5~~				
4	3727	+9	34	5.9	6.8	0	6.8	9	3
4	3706	−20	20	5.2	6.7	−.3	6.4	12	0
4	3743	−18	29	5.4	6.6	−.2	6.4	10	2
4	3712	−17	43	4.3	5.4	−.2	5.2	9	3
4	3680	+12	7	5.4	6.8	0	6.8	14	2
4	3664	−5	57	5.5	6.7	−.1	6.6	11	1
4	3739	+4	45	4.1	5.8	−.1	5.7	16	4
								81	6-9
									7
								Mean = 12	

Plate 740. ♀.

4	3948	+5	11	5.2	6.6	−.1	6.5	13	1
4	3913	+5	36	3.8	5.3	−.1	5.2	14	2
4	3901	−14	27	4.3	5.6	−.2	5.4	11	1
4	3889	−2	44	4.7	6.0	−.1	5.9	12	0
4	3950	−1	59	4.1	5.4	−.1	5.3	12	0
								62	3-1
									5
								Mean = 12	

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Book 6

Plate 707 - 4

No.	H.P. Dec.	Mag.	Obs. Br.	Cor. D.	Obs. Br + Cor. D.	Diff. Recid
4	3394 +58	5.0	6.9	-.1	6.8	18 4
4	3373 -25 0	4.6	6.6	-.3	6.3	17 3
4	3381 -1 33	4.3	5.7	-.1	5.6	13 1
4	3317 -1 7	5.6	6.7	-.1	6.6	10 4
						58 7-5
						4
						Mean = 14

Plate 749 - 4

4	3456	-15 49	5.0	6.5	-.2	6.3	13	4 1
4	3552	-13 9	4.7	6.1	-.2	5.9	12	4 0
4	3489	+6 57	5.6	6.9	-.1	6.8	12	4 0
4	3514	-1 11	3.4	4.8	-.1	4.7	13	4 1
4	3429	+8 33	1.0	4.0	-.0	4.0	(30)	16 (18)
4	3427	-11 4	5.6	6.9	-.2	6.7	11	3 1
4	3518	+0 30	6.2	6.9	-.1	6.8	6	8 6
4	3453	+11 6	5.4	6.6	0	6.6	12	4 0
4	3574	-18 36	5.2	6.9	-.2	6.7	15	4 3
							124	5-7
							9 4	8
							Mean =	12/11

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Book 6.

Plate 899. 9.

	No.	H.P. Dec.	Mag.	Obs. Br.	Lon.D.	Obs. Br. + Lon.D.	Diff. Reid.
4	3915	−12 9	5.4	6.2	−2	6.0	6 ~~5~~ 0
4	3911	−19 6	5.8	6.2	−2	6.0	2 ~~7~~ 4
4	3875	+11 32	5.5	6.8	0	6.8	13 ~~4~~ 7
4	3946	−8 23	5.4	6.1	−1	6.0	6 ~~5~~ 0
4	3957	−5 26	5.8	6.5	−1	6.4	6 ~~5~~ 0
4	3913	+5 36	5.8	6.5	−1	6.4	(26) ~~N~~ (20)
4	3901	−14 27	4.3	5.0	−2	4.8	5 ~~4~~ 1

~~24~~ 38 ~~7.5~~ 6

Mean = ~~8~~ 6

Plate 878. 9.

4	4119	−9 50	4.5	6.5	−2	6.3	18 0
4	4077	+3 10	4.6	6.5	−1	6.4	18 0
4	4047	−16 38	3.4	6.2	−2	6.0	16 2
4	4080	+14 34	2.6	4.8	0	4.8	22 4

74 4.2 4

Mean: 18

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Book 6.

Plates 777 + 780 ♀.

	No.	H.P. Dec.	Mag.	Obs. Br.	Corr.	Obs. Br. + Corr.	Diff.	Recd.
4	3456	-15 49	5.0	6.3	-.2	6.3	13	3
4	3492	-13 0	6.3	7.1	-.2	6.9	4	6
4	3552	-13 9	4.7	6.0	-.2	5.8	11	1
4	3514	-1 11	3.4	4.5	-.1	4.4	10	0
4	3453	+11 6	5.4	6.5	0	6.5	11	1
							49	5-6
								5

Mean: 10

Plate 860 ♀.

4	3950	-1 39	4.1	5.3	-.1	5.2	11	1
4	3978	-11 17	4.8	6.3	-.2	6.3	15	3
4	3994	-0 44	4.2	5.7	-.1	5.6	14	2
4	4013	+10 12	3.6	5.3	0	5.3	17	5
4	3951	+11 36	5.1	6.0	0	6.0	9	3
4	3946	-8 25	5.4	6.5	-.1	6.4	10	2
4	3957	-5 26	5.8	6.8	-.1	6.7	9	3
4	3948	+5 11	5.2	6.6	-.1	6.5	13	1
4	3913	+5 36	3.8	5.2	-.1	5.1	13	1
							111	12-9
								9

Mean: 12

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Book 6

Plate 856 ♀.

No	H.P. Dec.	Mag	Obs. Br.	Obs. Br. Cond	Obs. Br. Cor'd	Diff.	Reed
4	3952	+27 44	4.9	5.7	-.4	5.3	4	5
4	3950	-1 39	4.1	5.0	-.1	4.9	8	1
4	4015	+28 40	4.9	5.9	-.4	5.5	6	3
4	3994	-0 44	4.2	5.4	-.1	5.3	11	2
4	4013	+10 12	3.6	5.2	-.0	5.2	16	7
4	3951	+11 36	5.1	6.3	0	6.3	12	3
4	3979	+31 57	5.5	6.5	+.1	6.4	9	0
							86	12-7
							Mean	7 9

Plate 850. ♀.

4119	-9 50	4.5	6.0	-.2	5.8	13	3
4081	-8 20	5.4	7.0	-.1	6.9	15	1
4047	-16 28	3.4	5.6	-.2	5.4	20	4
						48	
						16	

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Book 6

Plate 849. 4

	No.	H.P. Dec.	Mag.	Obs. Br.	Corr.	Obs. Br. + Corr.	Diff. Recid.	
4	3913	+5 36	38	5.1	-.1	5.0	12	2
4	3901	-14 27	4.3	6.1	-.2	5.9	16	2
4	3915	-12 9	5.4	6.8	-.2	6.6	12	2
4	3930	-1 39	4.1	5.9	-.1	5.8	17	3
4	3875	+11 32	5.5	6.8	-.0	6.8	13	1
							70	5-5 / 5

Mean = 14

Plate 842. 4

4	4108	-4 8	5.6	6.5	-.1	6.4	8	4
4	4161	-1 55	5.9	7.0	-.1	6.9	10	2
4	4102	+8 4	5.1	6.8	0	6.8	17	5
4	4157	-21 34	4.7	6.5	-.3	6.2	15	3
4	4124	-10 15	5.1	6.2	-.2	6.0	9	3
4	4119	-9 50	4.5	5.7	-.2	5.5	10	2
4	4146	+0 36	5.0	6.4	-.1	6.3	13	1
4	4188	+1 7	4.7	6.5	-.1	6.4	17	5
							99	14-11 / 8

Mean = 12

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Book 6

Plate 916. 4.

No.	Dec.	Mag.	Obs. Br.	Cond.	Obs. Br. + Cor.	Diff.	Read.	
~~4446~~	~~+0 36~~	~~5.0~~						
4	4137	−15 42	5.3	6.1	−2	5.9	6	1
4	4190	−15 12	4.7	5.5	−2	5.3	6	1
4	4108	−4 8	5.6	6.0	−1	5.9	3	2
4	4117	−12 22	6.3	6.5	−2	6.3	0	5
4	4157	−21 34	4.7	5.5	−3	5.2	5	0
4	4102	+8 4	5.1	5.8	0	5.8	7	2
4	4179	+9 1	6.2	6.6	0	6.6	4	1
4	4124	−10 15	5.1	5.7	−2	5.5	4	1
4	4097	+9 11	5.3	5.9	−0	5.9	6	1
4	4119	−9 50	4.5	5.3	−2	5.1	6	1
4	4146	+0 36	5.0	5.6	−1	5.5	5	0
4	4195	−18 57	5.3	6.5	−2	6.3	10	5
							62	11−9 / 12

Mean: 5

Plate 915. 4.

4	4007	−27 40	4.1	5.3	−4	4.9	8	2
4	4047	−16 28	3.4	4.8	−2	4.6	12	6
4	4028	−14 41	5.6	6.1	−2	5.9	3	3
4	4044	−12 15	5.8	6.0	−2	5.8	0	6
4	4051	+8 11	5.0	5.6	0	5.6	6	0
4	3978	−11 17	4.8	5.6	−2	5.4	6	0
4	3994	−0 44	4.2	5.1	−1	5.0	8	2
4	4013	+10 12	3.6	4.5	0	4.5	9	3
							52	13−9 / 8

Mean: 6

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Book 6

Plate 831. 4

No.	H.P. Dec.	Mag.	Obs Br.	Corr.	Obs Br + Corr.	Diff.	Reid.
3875	+11 32	5.5 ✓	7.0	0 ✓	7.0 ✓	15	3 ✓
3851	+2 8	5.6 ✓	6.8	-.1 ✓	6.7 ✓	11 ✓	7 ✓
3848	-16 40	3.0 ✓	5.3	-.2 ✓	5.3 ✓	23 ✓	3 ✓
3901	-14 27	4.3 ✓	6.8	-.2 ✓	6.6 ✓	23 ✓	3 ✓
						72	10-10
							4

Mean = 18 ✓

Plate 788. 4

3381	-1 33	4.3	6.2	-.1	6.1	18	4	3
3429	+8 33	1.0	4.0	0	4.0	(30)	16	(17)
3398	-0 54	5.5	7.0	-.1	6.9	14	8	1
3445	+0 3	5.6	6.8	-.1	6.7	11	13	2
3453	+11 6	5.4	6.3	0	6.5	11	13	2
3441	-8 32	5.3	6.6	-.1	6.5	12	12	1
3380	-7 18	4.9	6.2	-.1	6.1	12	12	1
3413	+13 1	6.1	6.9	0	6.9	8	6	3
3456	-15 49	5.10	6.7	-.2	6.5	15	4	2
3405	-15 45	5.5	7.0	-.2	6.8	13	4	0
3394	+5 8	5.0	6.3	-.1	6.4	14	0	1
						158	9	-11
						128		10

Mean = 14 13

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Book 6.

Plate 786 Ys.

	No.	Rec.	Mag.	Obs. Br.	Cord.	Obs Br + Cord.	Diff.	Recid
4	4007	−27	40	4.1	6.6	−.4	6.2	21 6
4	4047	−16	28	3.4	5.4	−.2	5.2	18 3
4	3978	−11	17	4.8	6.3	−.2	6.3	15 0
4	3994	−0	44	4.2	5.5	−.1	5.4	12 3
4	4013	+10	12	3.6	4.7	0	4.7	11 4
								77 9-7
								Mean: 15

Plate 790 Ys.

3765 +6 18 4.9 6.5

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Book 1

Plate 168 q.

	No.	H.P. Dec.	Mag.	Obs. Br.	Corr^{n}	Obs. Br. + Corr^{n}	Diff.	Recid.
4	4080	+14 34	2.6	5.3	0	5.3	2	8
4	4119	−9 50	4.5	6.2	−.2	6.0	15	4
4	4124	−10 15	5.1	6.7	−.2	6.5	14	3
4	4102	+8 4	5.1	7.0	0	7.0	19	0
							73	8-9
								4

Mean = 19

Plate 169 q.

4	4195	−18 57	5.3	6.6	−.2	6.4	11	8	1	0
4	4146	+0 38	5.0	6.5	−.1	6.4	14	13	4	3
4	4178	−14 53	5.2	6.9	−.2	6.7	15	4	5	4
4	4124	−10 15	5.1	6.1	−.2	5.9	8	3	2	3
4	4097	+9 11	5.3	6.4	0	6.4	11	8	1	0
4	4179	+9 1	6.2	6.6	0	6.6	4	8	6	7
4	4157	−21 34	4.7	5.8	−.3	5.5	8	3	2	3
4	4102	+8 4	5.1	6.4	0	6.4	13	2	3	2
4	4117	−12 22	6.3	7.0	−.2	6.8	5	6	5	6
4	4096	−23 6	4.9	6.5	−.3	6.2	13	2	3	2
4	4178	−14 53	5.2	6.5	−.2	6.3	11	8	1	0
4	4190	−15 12	4.7	5.8	−.2	5.6	9	2	1	2
4	4139	−20 45	4.1	6.5	−.3	6.2	(21)	10	(11)	8

19

18-16
12

Mean = 11 10

Mean = 1.1

13141
108

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Book I

Plate 178 - ♀

No.	H.P. Dec.	Mag.	Obs. Br.	Cor δ	Obs Br cor. δ	Diff.	Resid.
172	-10 29	5.4	6.3	-.2	6.1	7	3
207	+2 59	5.1	5.7	-.1	5.6	5	1
262	+13 30	5.9	6.0	-.0	6.0	1	3
						13	
						4	

Plate 253 ♀

207	+2 59	5.1	5.7	-.1	5.6	5	
245	-16 18	5.3	5.8	-.2	5.6	1	
236	-22 15	5.1	4.8	-.3	4.5	6	

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Book I

Plate 159 G.

No.	H.P. Dec.	Mag.	Obs. Br.	Cor. δ	Obs. Br. + Cor. δ	Diff.	Resid.
305	+11 43	6.2	6.4	−2	6.2	0	5
320 } 321 }	+2 11	4.0	4.3	−1	4.4	4	1
293	−17 32	5.7	6.4	−2	6.2	5	0
245	−16 18	5.5	6.2	−2	6.0	5	0
277	+16 22	5.6	6.9	0	6.9	13	8
						27	8−6
							5
						Mean:	5

Plate 314 G

320 } 321 }	+2 11	4.0	4.3

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Book 1

Plate 160 - G

No.	H.P. Dec.	Mag.	Obs. Br.	Glos. Br. Lord.	+ Lord.	Diff. Reid.
321 } 320 }	+2 11	4.0	5.0			

Plate 256 - G

436	-14 22	4.3	5.4	-.2	5.2	9	1
385	-12 50	4.9	5.5	-.2	5.3	4	4
389	+7 55	4.4	5.0	-.0	5.0	6	2
418	-0 11	4.1	5.0	-.1	4.9	8	0
382	+10 5	5.4	6.0	.0	6.0	6	2
430	+10 14	6.3	6.8	0	6.8	5	3
435	+11 57	5.2	6.4	0	6.4	12	4
433	+2 44	3.6	4.5	-.1	4.4	8	0
434	+14 49	5.8	6.9	0	6.9	11	3
~~436~~	~~-14 22~~	~~4.3~~				69	8-11
						9	
						Mean: 8	

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Book 1

Plate 292 - 9

No.	H.P. Dec.	Mag.	Obs. Bn.	Lond.	Obs Bn. + Lond.	Diff.	Recid.
404	-28 46	4.8	5.6	-.5	5.1	3	3
457	-28 26	5.3	5.8	-.4	5.4	1	5
433	+2 44	3.6	5.1	-.1	5.0	14	8
436	-14 22	4.3	5.3	-.2	5.1	8	2
463	-4 12	5.2	5.8	-.1	5.7	5	1
						31	10-7
							5
						Mean:	6

Plate 150 - 9

418	-0 11	4.1	5.0	-.1	4.9	8	2
404	-28 46	4.8	6.2	-.5	5.7	9	1
433	+2 44	3.6	4.3	-.1	4.4	8	2
487	-24 6	4.1	6.1	-.3	5.8	17	7
463	-4 12	5.2	6.4	-.1	6.3	11	1
436	-14 22	4.3	5.3	-.2	5.1	8	2
						61	8-7
							6
						Mean:	10

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Book I

Plate ~~150~~ 324 ℓ

No.	H.P. Dec.	Mag	Obs. Br.	Obs. Br. Corr.	Obs. Br. + Corr.	Diff.	Recid.
478	-2 57	5.4	6.5	-.1	6.4	10	1
477	+8 26	4.8	5.2	0	5.2	6	3
519	-9 16	4.8	6.0	-.1	5.9	11	2
492	-8 4	5.4	6.1	-.1	6.0	6	3
463	-4 12	5.2	6.3	-.1	6.2	10	1
474	-3 16	5.0	6.4	-.1	6.3	13	4
						56	8-6
							6
						Mean:	9

Plates ~~246~~ + 247 ℓ

519	-9 16	4.8	5.6	-.1	5.5	7	5
582	-17 52	5.3	5.6	-.2	5.4	1	1
520	-6 21	6.0	6.3	-.1	6.2	2	0
593	-5 36	5.4	5.6	-.1	5.5	1	1
571	-5 29	4.8	5.0	-.1	4.9	1	1
564	-13 6	5.7	6.0	-.2	5.8	1	1
579	-22 2	4.2	4.7	-.3	4.4	2	0
574	+8 58	5.5	5.8	-.1	5.7	2	0
554	+9 19	3.8	4.2	0	4.2	4	2
						21	7-4
							9
						Mean:	2

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Book 1

Plate 274 - y

No.	H.P. Dec.	Mag.	Obs Br.	Lond.	Obs Br. Lond	Diff.	Reid.	
579	-22 2	4.2	5.3	-.3	5.2	10	5	
662	-1 53	5.2	6.0	-.1	5.9	7	2	
611	-1 33	5.1	5.8	-.1	5.7	6	1	
609	-10 52	5.6	6.4	-.2	6.2	6	1	
661	+9 39	5.9	6.2	-.1	6.1	2	3	
622	+10 46	5.1	5.4	0	5.4	3	2	
657	+12 9	3.6	4.3	0	4.3	9	4	
582	-17 52	5.3	5.8	-.2	5.6	3	2	
640	-5 43	5.4	5.8	-.1	5.7	3	2	
593	-5 36	5.4	5.8	-.1	5.7	3	2	
665	+5 39	4.0	5.4	-.1	5.3	13	8	
616	+5 40	5.7	5.7	-.1	5.6	1	6	
635	+6 11	5.7	6.2	-.1	6.1	4	1	

69 (68) 21-18 / 13

Mean: 5

Plate 191 - y

	813	-12 21	4.9	6.2	-.2	6.0	11	7	8
	749	-20 55	5.3	6.1	-.3	5.8	5	1	2
	803	+0 46	5.4	5.7	-.1	5.6	2	2	1
	778	+1 7	5.6	6.0	-.1	5.9	3	1	0
Rej.	805	+12 16	~~4.3~~	~~6.6~~	~~-.2~~	~~6.4~~	~~11~~	~~7~~	
	792	-7 0	5.6	5.8	-.1	5.7	1	3	2
	695	-16 42	5.4	5.8	-.2	5.6	2	2	1
	791	+5 19	5.8	6.2	-.1	6.1	3	1	0
Rej	783	~~+15 56~~	~~4.9~~ 7.0	~~5.5~~	~~0~~	~~5.5~~	~~6~~	~~2~~	
	758	-4 1	5.3	5.4	-.1	5.3	8	4	3
	799	-3 36	4.1	4.4	-.1	4.3	2	2	1
	788	-3 28	6.1	6.1	-.1	6.0	1	5	4

46 (45) 17-20 / 12

Mean = 4

10-12 / 10

29 ~~28~~ 29 (10)

Mean = 3

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Book 1

Plate 164 - 4

No.	Dec.	Mag.	Obs. Br.	Corr.	Obs. Br. + Corr.	Diff.	Recd.
749	-20 55	5.3	6.7	-.3	6.4	11	0
757	+9 11	5.1	6.3	0	6.3	12	1
713	+9 42	5.0	6.5	0	6.5	15	4
798	+9 55	4.6	5.3	0	5.3	9	2
771	+10 57	5.8	6.7	0	6.7	9	2
778	+11 7	5.6	6.2	-.1	6.1	5	6
829	+11 29	5.6	6.7	0	6.7	11	0
777	+12 47	5.2	6.0	0	6.0	8	3
784	+13 29	5.4	6.4	0	6.4	10	1
807	+15 33	5.1	6.4	0	6.4	13	2
776	+15 36	3.6	4.7	0	4.7	11	0
783	+15 56	4.9	6.4	0	6.4	15	4
758	-4 1	5.3	6.7	-.1	6.6	13	2
						142	13 - 14 / 13

Mean = 11

Plate 278 - 2

861	+0 16	5.8	6.3	-.1	6.2	4	0
803	+0 46	5.4	5.7	-.1	5.6	2	2
884	-7 21	4.7	5.6	-.1	5.5	8	4
881	+3 26	6.0	6.2	-.1	6.1	1	3
870	-5 22	5.4	5.8	-.1	5.7	3	1
906	-4 49	5.2	5.6	-.1	5.5	3	1
874	-14 25	5.6	6.0	-.2	5.8	2	2
845	+5 24	4.0	4.5	-.1	4.4	4	0
791	+5 19	5.8	6.2	-.1	6.1	3	1
830	-3 29	4.3	4.7	-.1	4.6	3	1
788	-3 28	6.1	6.4	-.1	6.3	2	2
813	-12 21	4.9	5.7	-.2	5.5	6	2
841	+8 42	4.4	5.1	-.0	5.1	7	3
						48	9 - 13 / 13

Mean = 4

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Book 1

Plate 345. 8h

No.	H.P. Dec.	Mag.	Obs Bn.	Lord.	Obs.Br + Lord	Diff.	Recid.
~~936~~	~~8 20~~	~~0.3~~					
999	+1 40	5.6	6.4	−1	6.3	7	1
977	+1 44	4.6	5.5	−1	5.4	8	2
1007	−7 23	4.7	5.3	−1	5.2	5	1
1041	−7 17	5.0	5.6	−1	5.5	5	1
988	+2 59	4.7	5.1	−1	5.0	3	3
981	−17 4	5.7	6.5	−2	6.3	6	0
961	−27 30	5.7	6.4	−4	6.0	3	3
948	−6 59	3.6	4.4	−1	4.3	7	1
1002	+3 12	5.3	5.8	−1	5.7	2	4
966	+3 26	5.0	5.4	−1	5.3	3	3
929	−16 21	3.3	4.4	−2	4.2	9	3
1015	+3 41	5.3	5.7	−1	5.6	3	3
1040	+4 3	4.3	5.4 6.4	−1	5.3 6.3	8 (8)	2 (12)
1027	−5 59	3.0	5.4	−1	5.3	13	7
1021	−6 5	4.5	5.4 6.6	−1	5.5 6.5	10 (20)	4 (14)
1026	−4 56	5 3.0	5.1	−1	5.0	0 (10)	6 (14)
1000	+5 51	4.3	4.7	−1	5.6	13	7
972	−14 2	5.1	5.6	−2	5.4	3	3
931	−13 5	4.6	5.2	−2	5.0	4	2
1039	−2 40	3.7	4.6	−1	4.5	8	2
975	−2 31	3.5	4.5	−1	4.4	9	3
960	−12 26	5.2	5.8	−2	5.6	4	2
927	−12 1	4.7	5.3	−2	5.1	4	2
~~1015~~ 1086	−11 51	6.0	6.6	−2	6.4	4	2
1010	−1 41	5.2	5.6	−1	5.5	3	3
962	+8 19	5.8	5.8	−0	5.8	0	6
963	−21 21	4.6	5.5	−3	5.2	6	0

- Plate 345 continued on Page 176. -

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Book I

Plate 345 γ continued from page 174

No.	Dec.	H.P. Mag.	Obs. Br	Corr.	Obs. Br + Corr.	Diff. Read.	
~~1029~~	~~-1 17~~	~~1.8~~	~~B.~~				
1006	-20 57	5.4	6.5	-3	6.2	8	2
1017	+9 24	4.4	5.0	0	5.0	6	0
~~1005~~ 964	-0 ~~23~~ 30	4.6	5.2	-1	5.1	5	1
912	+9 40	5.3	6.0	-0	6.0	7	1
1019 1020	+9 51	3.5	4.1	0	4.1	6	0
940	+11 12	5.6	5.9	0	5.9	3	3
999	+1 40	5.6	6.5	-1	6.4	8	2
977	+1 44	4.6	5.5	-1	5.4	8	2

~~241~~ 183 ~~33-42~~ 32

Mean 7 6 35|20 57 Mean = 6

Plate 276 γ.

964	-0 30	4.6	5.4	-1	5.3	7	3
999	+1 40	5.6	5.8	-1	5.7	1	3
977	+1 44	4.6	5.3	-1	5.2	6	2
1041	-7 17	5.0	5.4	-1	5.3	3	1
1007	-7 23	4.7	5.0	-1	4.9	2	2
1022	+3 12	5.5	5.2	-1	5.1	4	8
988	+2 39	4.7	4.8	-1	4.7	0	4
981	-17 4	5.7	6.1	-2	5.9	2	2
948	-6 59	3.6	4.2	-1	4.1	5	1
966	+3 26	5.0	5.3	-1	5.2	2	2
929	-16 21	3.3	4.3	-2	4.1	8	4
1040	+4 3	4.5	5.3	-1	5.2	7	3
1021	-6 5	4.5	5.0	-1	4.9	4	0
1015	+3 41	5.3	5.7	-1	5.6	3	1

Plate 276 continued on page 178.

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Book 1

Plate 276 - Ls - Continued from page 176

No.	H.P. Dec.	Mag.	Obs. Br.	Cord.	Obs. Br + Cord.	Diff.	Read.
1165	-14 52	3.7	4.3	-2	4.3	6	2
1025	-4 55	4.6	4.9	-1	4.8	2	2
1000	+5 57	4.3	4.6	-1	4.5	2	2
972	-14 2	5.1	5.3	-2	5.3	2	2
~~979~~	~~+6 14~~	~~1.9~~	~~B~~				
995	-3 33	6.0	6.3	-1	6.4	4	0
959	-13 18	4.3	5.1	-2	4.9	6	2
931	-13 5	4.6	5.0	-2	4.8	2	2
1054	-22 26	5.7	6.9	-3	6.6	9	3
1039	-2 40	3.7	4.4	-1	4.3	6	2
1035	+7 28	5.6	6.2	-1	6.1	3	1
975	-2 31	3.5	4.1	-1	4.0	3	1
960	-12 26	5.2	5.8	-2	5.6	4	0
1036	-11 51	6.0	6.4	-2	6.2	2	2
1010	-1 41	5.2	5.3	-1	5.4	2	2
963	-21 21	4.6	5.3	-3	5.0	4	0
927	-12 1	4.7	5.2	-2	5.0	3	1
1047	-1 11	5.1	5.4	-1	5.3	2	2
1006	-20 37	5.4	6.3	-3	6.0	6	2
1017	+9 24	4.4	5.0	-1	4.9	3	1
964	-0 30	4.6	5.1	-1	5.0	4	0

131 29 - 38
- 4 34
127

Mean = 4

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Book 1

Plate 307 - b -

No.	H.P. Dec.	Mag.	Obs. Br.	Obs. Br. Corr.	Corr. Br.	Diff.	Recd.
910	−5 15	2.9	4.4	−.1	4.3	14	8 7
906	−4 49	3.2	3.9	−.1	3.8	6	1
897	−24 33	3.5	6.4	−.3	6.1	6	1
931	−13 5	4.6	3.3	−.2	3.1	3	2
960	−12 26	3.2	3.9	−.2	3.7	5	2
927	−12 1	4.7	3.3	−.2	3.1	4	3
907	+8 21	3.4	6.3	0	6.3	9	2
963	−21 21	4.6	3.5	−.3	3.2	6	1
841	+8 42	4.4	3.4	−0	3.4	10	3
912	+9 40	3.3	6.1	0	6.1	8	1
889	−20 14	3.0	3.4	−.3	3.1	1	6
859	+9 39	4.8	3.7	.0	3.7	9	2
940	+11 12	3.6	6.0	.0	6.0	4	3
917	−8 55	4.4	3.1	−.1	3.0	6	1
858	+11 14	3.2	6.0	.0	6.0	8	1
857	+2 15	39	4.7	−1	4.6	7	0
~~852~~	~~+2 19~~	~~3.7~~	~~4.7~~	~~−.1~~	~~4.6~~	(11)	(18)
884	−7 21	4.7	3.6	−.1	3.5	8	1
948	−6 39	3.6	3.1	−.1	3.0	14	7
929	−16 21	3.3	4.6	−.2	4.4	11	4

134 28-20
~~N~~ 18
128

Mean: 8 7

a Wrong ident. Should be H.P. 857

19 | 141
.7

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857

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Book 1

Plate 309 - G

No.	H.P. Dec	Mag.	Obs. Br.	Cord	Obs.Br + Cor.D	Diff.	Reed.		
1027	-5 59	30	4.6	-1	4.5	(13)	(X)	(X)	
1065	-14 52	37	5.0	-2	4.8	11	X	X	
1000	+5 51	4.3	5.4	-1	5.3	10	X	X	
1039	-2 40	3.7	4.7	-1	4.6	9	X	X	
1035	+7 28	5.6	6.3	-1	6.2	6	X	X	
1036	-11 51	6.0	6.3	-2	6.1	1	X	X	
1047	-1 11	5.1	5.4	-1	5.3	2	X	X	
1006	-20 57	5.4	6.2	-3	5.9	5	X	X	
1117	-10 36	4.8	5.5	-2	5.3	5	X	X	
1109	+0 32	5.2	5.6	-1	5.5	3	X	X	
1055	-18 36	6.0	6.0	-2	5.8	2	X	X	
1083	-7 33	5.3	5.7	-1	5.6	3	X	X	
1071	+12 37	4.8	5.3	0	5.3	5	X	X	
1041	-7 17	5.0	5.5	-1	5.4	4	X	X	
1007	-7 23	4.7	5.0	-1	4.9	2	X	X	
1002	+3 12	5.5	5.8	-1	5.7	2	X	X	
988	+2 39	4.7	5.3	-1	5.2	5	X	X	
1064	+13 52	5.2	5.3	0	5.3	3	X	X	
1056	+3 57	6.2	6.1	-1	6.5	3	X	X	
1040	+4 3	4.5	5.2	-1	5.1	6	X	X	
1021	-6 5	4.5	5.4	-1	5.3	8	X	X	
1015	+3 41	5.3	6.0	-1	5.9	6	X	X	

~~114~~ 99 ~~34-39~~

-2

~~112~~ 97 ~~32-~~ 21-29 21

Mean = 5.X

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Book I

Plate 299 - G -

No.	H.P. Dec	Mag.	Obs. Br.	Cor.	Obs Br + Cor.	Diff.	Recd.
1195	-30 1	3.0	4.0	-.5	3.5	5	3
1111	-9 34	5.1	5.7	-.1	5.6	5	3
1109	+0 32	5.2	5.6	-.1	5.5	3	1
1188	-7 46	5.1	5.6	-.1	5.5	4	2
1142	+2 31	5.5	5.7	-.1	5.6	1	1
1157	-6 31	5.0	5.3	-.1	5.2	2	0
1130	-16 29	5.0	5.3	-.2	5.1	1	1
1124	-6 42	5.0	5.4	-.1	5.3	3	1
1171	+4 20	6.5	6.4	-.1	6.3	2	4
1118	-25 25	5.9	6.0	-.4	5.6	3	5
1173	-4 52	6.0	5.9	-.1	5.8	2	4
1134	-14 56	4.6	5.0	-.2	4.8	2	0
1165	-4 32	5.1	5.7	-.1	5.6	0	2
1092	-4 39	5.9	6.6	-.1	6.5	6	4
1133	-4 11	5.1	5.4	-.1	5.3	2	0
1177	-13 40	4.8	5.2	-.2	5.0	2	0
1143	-22 24	5.5	6.8	-.3	6.5	10	8
1113	-1 27	6.2	6.7	-.1	6.6	4	2
~~1117~~	-10 36	4.8					

50 24-17
-7 18
43

Mean = 2

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Book 1

Plate 194 Ge.

No.	Dec.	Mag.	Obs. Br	Cor. δ.	Cor'd. Obs. Br	Diff. Reid.	
2	1200	+4 39	4.4	5.4	-.1	5.3	9 3
2	1246	-5 7	5.2	6.3	-.1	6.4	12 6
2	1173	-4 52	6.0	6.8	-.1	6.7	7 1
1	1134	-14 56	4.6	5.7	-.2	5.5	9 3
2	1217	-4 41	5.0	5.6	-.1	5.5	5 1
2	1165	-4 32	5.6	6.4	-.1	6.3	7 1
2	1177	-13 40	4.8	5.5	-.2	5.3	5 1
2	1235	-23 20	4.2	4.8	-.3	4.5	3 3
2	1205	+7 9	6.1	7.1	-.1	7.0	9 3
2	1231	+7 86	4.3	5.3	-.1	5.2	9 3
2	1242	-22 52	4.4	5.1	-.3	4.8	4 2
2	1238	-1 7	5.0	5.5	-.1	5.4	4 2
2	1202	+8 52	6.0	6.3	-.0	6.3	3 3
2	1178	+9 59	5.2	5.5	0	5.5	3 3
2	1186	-19 55	5.1	5.3	-.3	5.0	1 7
2	1224	+11 38	4.7	5.7	.0	5.7	10 4
2	1188	-7 46	5.1	5.7	-.1	5.6	5 1
2	1169	+12 35	5.4	5.6	0	5.6	2 4
1	1142	+2 31	5.5	6.7	-.1	6.6	11 5
2	1220) 1221)	-6 57	3.9	4.4	-.1	4.3	4 2
1	1157	-6 31	5.0	5.2	-.1	5.1	1 5
1	1147	+13 40	5.7	6.3	0	6.3	6 0
2	1199	+3 49	6.1	6.5	-.1	6.4	3 3
2	1163	+13 53	5.7	5.9	.0	5.9	2 4
2	1200	+4 39	4.4	5.5	-.1	5.4	10 4
2	1180	+14 26	6.0	6.5	-.0	6.5	5 1
1	1153	+14 14	4.2	5.0	-.0	5.0	8 2

156 35.42
-1 27
155

Mean: 6

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Book I

Plate 342 - G -

No.	H.P. Dec.	Mag	Obs. Br	Lord.	Obs Br + Lord	Diff.	Reed.
~~1275~~	~~-16 33~~	~~1.4~~	~~B~~				
2 1340	-15 27	4.1	6.0	-2	5.8	17	4
2 1291	-15 1	5.3	6.6	-2	6.4	11	2
2 1278	-14 40	5.3	6.6	-2	6.4	11	2
2 1283	-14 18	4.9	6.5	-2	6.3	14	1
2 1231	+7 26	4.3	5.9	-1	5.8	15	2
2 1301	+8 31	5.7	7.1	0	7.1	14	1
2 1256	+10 1	4.6	5.6	0	5.6	10	3
						92	8-7
							7
						Mean:	13

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Book I

Plate 311 - 15 -

	No.	HP. Dec	Mag.	Obs. Bx.	Obs-Br. Lord.	Obs-Br. Lond.	Diff.	Recd.
2	1307	- 0 38	5.2	6.5	-1	6.4	12	9
2	1291	-15 1	5.3	5.7	-2	5.5	2	1
2	1278	-14 40	5.3	5.7	-2	5.5	2	1
2	1283	-14 18	4.9	5.5	-2	5.3	4	1
2	1306	-18 53	5.5	6.1	-2	5.9	4	1
2	1318	-16 54	4.5	4.8	-2	4.6	1	2
2	1291	-15 1	5.3	5.7	-2	5.5	2	1
2	1282	- 9 38	5.5	5.8	-2	5.6	1	2
2	1278	-14 40	5.3	5.7	-2	5.5	2	1
2	1257	-23 35	5.8	5.9	-3	5.6	2	5
2	1296	- 7 54	6.1	6.3	-1	6.2	1	2
2	1242	-22 52	4.4	5.1	-3	4.8	4	1
2	1231	+ 7 26	4.3	5.3	-1	5.2	7	4
2	1220 1221	- 6 57	3.9	4.6	-1	4.5	6	3
2	1277	+ 8 43	5.6	6.0	0	6.0	4	1
	~~1232~~	~~- 5 47~~	~~5.7~~					

52
48 ~~20-15~~
14-5
-2
38
50
Mean = 3

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Book 1

Plate 398 ly

	No.	H.P. Dec.	Mag.	Obs. Br.	Cor.	Obs. + Cor.	Diff.	Reid.
2	1322	+7 29	6.3	6.3	−.1	6.2	1	4
2	1307	−0 58	5.2	5.7	−.1	5.6	4	1
2	1362	−20 41	5.6	6.4	−.3	6.1	5	2
2	1332	+9 19	6.0	5.9	0	5.9	1	4
2	1359	−0 18	4.0	4.3	−.1	4.2	2	1
2	1313	+10 6	5.7	5.8	−.0	5.8	1	2
2	1296	−7 54	6.1	6.4	−.1	6.3	2	1
2	1318	−16 54	4.3	5.1	−.2	4.9	4	1
2	1372	−15 23	5.2	6.1	−.2	5.9	7	4
2	1340	−15 27	4.1	4.6	−.2	4.4	3	0
2	1291	−15 1	5.3	5.8	−.2	5.6	3	0
2	1344	+5 6	5.7	5.9	−.1	5.8	1	2
2	1278	−14 40	5.3	5.8	−.2	5.6	3	0
2	1283	−14 18	4.9	5.9	−.2	5.7	8	5
2	1357	+5 51	6.6	6.6	−.1	5.9	1	4
2	1336	−4 4	4.8	5.0	−.1	4.9	1	2
2	1290	+16 20	5.4	6.0	−.0	6.0	6	3

50 16-20
3 17
47
Mean = 3

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Book 1

Plate 333 - g

	No.	H.P. Dec.	Mag.	Obs. Br.	Obs. Br Cond.	Obs. Br Cond.	Diff.	Reid.
2	1398	-15 58	4.9	6.0	-2	3.8	9	0
2	1340	-15 27	4.1	5.3	-2	3.1	10	1
2	1357	+3 51	6.0	6.3	-1	6.2	2	7
2	1403	+8 32	3.1	4.6	0	4.6	15	6
2	1393	+11 54	3.4	6.1	0	6.1	7	2
							43	79
								5
							Mean = 9	

Plate 344 - g

1403	+8 32	3.1	5.1	
1465	+11 4	3.3	6.3	

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Book 1

Plate 182 - 4s

No.	H.P. Dec.	Mag.	Obs. Br.	Cord.	Obs. Br. + Cord.	Diff.	Read.
1	379	-22 2	4.2	5.5	-.3	5.2	10	5
1	662	-1 33	5.2	6.0	-.1	5.9	7	2
1	611	-1 33	5.1	5.8	-.1	5.7	6	1
1	661	+9 39	5.9	6.4	0	6.4	5	0
1	622	+10 46	5.1	5.3	0	5.3	2	3
1	563	+10 36	5.1	5.5	0	5.5	4	1
1	657	+12 9	3.6	4.3	0	4.3	7	2
1	582	-17 52	5.3	5.3	0	5.3	0	5
1	634	+12 41	6.0	6.2	0	6.2	2	3
1	640	-5 43	5.4	5.6	-.1	6.5	11	6
1	593	-5 36	5.4	5.5	-.1	5.4	0	5
1	571	-5 29	4.8	5.2	-.1	5.1	3	2
1	668	+5 8	5.3	6.0	-.1	5.9	6	1
1	616	+5 40	5.7	5.6	-.1	5.5	2	7
1	663	+5 39	4.0	5.2	-.1	5.1	11	6
1	651	+5 41	5.9	6.5	-.1	6.4	5	0
1	635	+6 11	5.7	6.0	-.1	5.9	2	3

81 23-29
-32 17
Mean = 5

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Book I

Plate 416

	No.	H.P. Dec.	Mag.	Obs. Bn	Cord	Obs. Bn + Cord	Diff.	Read.
2	1518	-18 54	5.4	5.6	-2	5.4	0	6
2	1512	-8 54	5.8	6.9	-1	6.8	10	4
2	1501	-18 4	4.6	5.8	-2	5.6	10	4
2	1476	+2 4	5.0	5.7	-1	5.6	6	0
2	1502	+5 12	5.6	5.9	-1	5.8	2	4
2	1514	-20 12	5.0	6.4	-3	6.1	11	5
2	1463	+11 4	5.3	6.2	0	6.2	3	3
							42	13-13

7

Mean = 6

Plate 400

2	1514	-20 12	5.0	6.2	-3	5.9	9	1
2	1518	-18 54	4.2	5.3	-2	5.1	9	1
2	1512	-8 54	5.8	6.4	-1	6.3	5	3
2	1501	-18 4	4.6	5.7	-2	5.5	9	1
							32	3-3

4

Mean = 8

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Plate 401 — 4

	No.	H.P. Dec.	Mag.	Obs. Br.	Cor. δ	Obs. Br. + Cor. δ	Diff.	Read.
2	1554	−3 31	3.9	4.7	−.1	4.6	7	0
2	1555	−22 46	3.5	6.7	−.3	6.4	9	2
2	1518	−18 34	4.2	3.0	−.2	4.8	6	1
2	1583	−7 34	3.7	6.4	−.1	6.3	6	1
2	1507	+13 28	3.1	3.8	0	3.8	7	0
2	1559	−14 32	6.0	6.7	−.2	6.5	5	2
2	1588	+6 7	4.1	3.3	−.1	3.2	11	4
2	1554	−3 31	3.9	4.7	−.1	4.6	7	0
							58	6−4 / 8

Mean = 7

Plate 440 — 4

2	1599	+3 50	4.2	3.5	−.1	3.4	12	0
2	1588	+6 7	4.1	3.6	−.1	3.5	14	2
2	1613	+6 17	4.3	3.7	−.1	3.6	13	1
2	1614	−3 0	5.1	6.4	−.1	6.3	12	0
2	1611	−1 27	5.1	6.5	−.1	6.4	13	1
2	1603	+10 31	5.5	6.6	0	6.6	11	1
							75	4−1 / 6

Mean = 12

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Book 1

Plate 418 ls

No.	H.P. Dec.	Mag.	Obs. Br.	Cor.	Obs. Br. Cor.	Diff.	Read
2	1613 +6 17	4.3	5.3	-.1	5.4	11	2
2	1614 -3 0	5.1	6.4	-.1	6.3	12	3
2	1611 -1 27	5.1	6.3	-.1	6.2	11	2
2	1659 +11 9	5.0	5.7	0	5.7	7	2
2	1662 -8 6	5.5	6.3	-.1	6.2	3	1
2	1639 +12 19	4.3	5.2	-.0	5.2	9	0
2	1676 +2 49	3.9	4.8	-.1	4.7	8	1
2	1634 +15 47	5.2	6.0	0	6.0	8	1
						69	7-10 / 8

Mean = 9

Plate 403 ls

1662	-8 6	5.5	6.3	-.1	6.2	7	2
1676	+2 49	3.9	5.2	-.1	5.1	12	3
1714	-0 39	4.6	5.5	-.1	5.4	8	1
~~1680~~	~~-8 15~~					27 / 9	

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Book 1

Plate 449 ~ 9.

No.	H.P. Dec.	Mag	Obs. Br.	Cor. δ.	Obs.Br + Cor. δ.	Diff.	Read.
2	1741 -23 4	4.6	6.0	-.3	5.7	11	3
2	1721 -22 18	3.8	7.0	-.3	6.7	9	3
2	1714 -0 39	4.6	5.7	-.1	5.6	10	4
2	1735 -10 1	6.0	6.6	-.2	6.4	4	2
2	1762 -7 32	3.3	3.6	-.1	3.5	2	4
2	1775 +13 0	3.3	3.3	-.0	3.3	2	4
2	1761 +3 1	6.0	6.4	-.1	6.3	3	3
2	1739 -13 47	4.9	5.8	-.2	5.6	7	1
						48	13-13
							8

Mean = 6

Plate 491 ~ 9.

1789 -12 29 4.7 5.7

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Book 1

Plate 499 Ly.

No.	H.P. Dec.	Mag.	Obs. Br.				
1833	-3 28	5.9	6.6	-.1	6.5	6	5
1789	-12 29	4.7	6.2	-.2	6.0	13	2
1796	+0 13	4.5	5.9	-.0	5.9	14	3
						33	
						11	

Plate 505 Ly.

1789	-12 29	4.7	5.9	
1796	+0 13	4.5	5.8	

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Book 1

Plate 474 Ly.

No.	H.P. Dec.	Mag.	Obs. Br.	Obs.Br Corr.d	Corr.d Lond.	Diff.	Reed.
1789	-12 29	4.7	6.2				
1796	+0 13	4.5	6.0				

Plate 442. Ly.

2	1789	-12	29	4.7	6.2	-.2	6.0	13	3
2	1846	-2	8	5.2	6.4	-.1	6.3	11	1
2	1859	+9	55	4.0	5.2	-.1	5.1	11	1
2	1858	-0	1	4.9	6.0	-.1	5.9	10	0
2	1796	+0	13	4.5	5.7	-.1	5.6	11	1
2	1841	+10	22	5.9	6.7	-.0	6.7	8	2
2	1828	+15	35	6.2	6.7	-.0	6.7	5	3
								69	6-7
								7	
								Mean = 10	

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Book 1

Plate 307 Ls.

No.	H.P. Dec.	Mag.	Obs Br
1922	+6 44	5.1	6.4
1892	+11 11	5.3	6.3

Plate 477 Ls.

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Book 1

Plate 454. ♀.

No.	H.P. Dec.	Mag.	Obs. Bn.	Corr.	Corr. Obs+Bn	Diff. Recd.	
1973	-17 2	4.2	5.7	-.2	5.5	13	3
1965	+6 41	4.1	4.8	-.1	4.7	6	4
1948	+0 36	5.5	6.5	-.1	6.4	9	1
2002	-9 8	4.7	5.8	-.1	5.7	10	0
						38	3-5
							4

Mean = 10

Plate 514. ♀.

1948	+0 36	5.5	6.5	
1951	+16 5	3.5	3.4	

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Book 1

Plate 529 ly.

	No.	H.P. Dec.	Mag.	Obs. Br.	Cor. d.	Obs Br + Cor. d.	Diff.	Reed
3	2078	-16 53	2.8	4.3	-2	4.1	13	2
2	2078 44	-16 29	3.0	6.5	-2	6.3	13	2
2	2049	+4 20	3.2	6.1	-1	6.0	8	3
2	2051	+7 17	4.4	5.5	-1	5.4	10	1
3	2091	-21 33	5.5	6.7	-3	6.4	9	2
2	2023	+8 55	5.2	6.4	0	6.4	12	1
3	2088	+0 0	4.0	5.1	-1	5.0	10	1
							73	5-7
								7

Mean = 11

Plate 545 ly

3	2088	+0 0	4.0 ✓	5.8	-1 ✓	5.7 ✓	17 ✓	4 ✓
3	2157	+10 54	5.1 ✓	6.4	0 ✓	6.4 ✓	13 ✓	0 ✓
3	2131	-8 47	5.6 ✓	6.5	-1 ✓	6.4 ✓	8 ✓	5 ✓
3	2078	-16 53	2.8 ✓	5.1	-2 ✓	4.9 ✓	21 ✓	8 ✓
3	2145	+3 57	6.3 ✓	6.9	-1 ✓	6.8 ✓	5 ✓	8 ✓
3	2120	-15 51	3.1 ✓	4.9	-2 ✓	4.7 ✓	16 ✓	3 ✓
3	2079	+15 34	5.1 ✓	6.2	0 ✓	6.2 ✓	11 ✓	2 ✓
							91	15-15
								7

Mean = 13

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Book 1

Plate 525 Le

No	H.P. Dec.	Mag.	Obs. Br.	Ord.	Obs. Br + Ord.	Diff.	Reid.	
3	2256	+2 43	5.8	6.3	-.1	6.2	4	4
3	2292	+4 16	4.9	5.7	-.1	5.6	7	3
3	2224	-4 54	4.4	5.5	-.1	5.4	10	8
3	2293	-12 36	5.7	6.6	-.2	6.4	7	4
3	2294	+0 1	3.5	5.6	-.1	5.5	(20)	10 (13)

~~28~~ 28 3-3 4

Mean: 10 7

Plate 553 Le.

2294 +0 1 3.5 5.3

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