

KG
11365
310

N 27

Reduction to apparent place
of some comparison stars
used in 1870.

K-12365.310

... .. 1911

KG 11365.310



Reduction to Apparent Place.

[illegible]

1870phae.proj...3105
 Mrs 1 Oct 1947 Lmogh.
 July 245 July 245 285
 Aug 255

30.55 30.55 30 26
 309.30 277.37 378 25
 150.10 150.10 149 15
 340.25 308.32 308 51
 99.40 67.47 67 40
 -11.35 -23.51 -23 58

Oct 1947
 July 235 July 26.5

31.25
 286.43
 151.5
 318.08
 97.48
 -21.27

1838
 July 235

29 00
 308 26
 146 29
 337 26
 84 55
 -12 40

18646
 July 245

29 00
 306 44
 146 29
 335 44
 83 13
 -14 12

19349
 July 21

32 26
 287 31
 152 54
 319 57
 80 25
 -21 24

7792 7792 7820 7820
 9.5253 9.9945 9.7084 9.8914
 9.3117 9.6386 9.6476
 9.6162 0.4423 9.3210
 3137

7765
 9.8244
 9.5993
 0.1952

7874 7901 7874 7901
 9.5841 9.8517
 9.9255

7874 7901 7708
 9.6138 9.8885
 9.4032 9.5932
 9.8071 0.1725

1.3007 1.3007 1.3002
 9.9937 9.9665 9.9661
 .0089 .0377 .0392
 1.3033 1.3049 1.3055
 .5631 .5631
 (52)

1.2012
 9.9901
 .0312
 1.3225

1.2996 1.2985 1.2996 1.2985
 9.9984 9.9984
 .0107
 1.3076

1.2996 1.2985 1.3023
 9.9993 9.9938
 .0135 .0310
 1.3113 1.3271

1182 1182 +1196
 79 79 209
 .41 2.06 20.21
 20.10 20.19 +2426
 32.33 32.33 2.28
 20.38 6.75 8.30 36.25 18.33 38.10
 6.58 2.16 2.17
 8.74 8.91 18.52 18.33 40.38

+1168
 +1.54
 20.06
 34.26
 19.6 50.30
 2.28
 19.6 55.58

+1236
 +53
 20.30
 +23.19
 +2.21
 20.35 45.74
 20.33 47.95

+1236
 +.64
 20.48
 +23.48
 2.23
 20.26 57.30
 20.26 59.53

11.41
 1.49
 21.24
 224 0.0
 19.10 56.5 -2123.55
 19.10 78.9

6349 6349 6463
 9.9911 9.9623 9.9608
 0.6260 0.5972 6071
 69
 .5631 .5631

.6231
 0.5919

.6572
 9.9893
 .6965

.6572
 9.9865
 .6937

.5981
 9.9689
 .5670

7792 7792 7820
 9.9741 9.8933 9.9242 9.7975
 0.7833 0.6725 .5795

9.8720
 7765
 0.6485

7901
 9.9654
 .7555

7901 7708
 9.9658 9.8838
 .7499 0.6546

1.3007 1.3007 1.3002
 9.9227 9.5776 9.5798
 9.3027 9.6019 9.6085
 9.8285 90.4793 .9888
 800

1.3012
 9.3249 9.3249
 9.3827 9.5628
 1.3012 .1889
 9.0088

1.2996
 8.5330
 9.3410
 9.5736

1.2996 1.3023
 8.7991 9.2214
 9.3897 9.5621
 9.9384 0.0858

423 395 +4046
 5.67 6.90 +3798
 +.67 .30 -3.082
 +10.57 8.35 +4.762
 -11.35 14.05 -23.36 6.57 -23.57 4.8
 47
 87.8523 570.04

3.91 +3.91
 4.45 +4.45
 -1.02 -1.58
 -21.27 14.9 +651
 4.62 21.27 14.9
 -21.27 8.09

+4431
 +5.896
 +.374
 +10.501
 -12.4403
 -12.39 29.8

+4403 +368
 +5.623 +453
 +.274 -1.22
 +10300
 -14.958.8 -2123.55
 -14.948.6 -21.23480

1870phae.proj.

Jan Date 11/17/5 Aug 11/17/5 11/17/5	11/80 Sept 7 11/70	11/50 Sept 8 11/70	Lacail 68873 Sept 10 1870	Lac. 8873 Sept 10 1870	BACT 27 Aug 9 1870	11.664 Aug 8 1870
ly 2058	1520	1508	1508	14.45	23.52	24.16
o 31948	320.25	315 02	323.10	323.10	308.00	306.52
H 127 20	105 46	104 53	104.53	102.47	135.9	136.6
Ly a 390 46	341.23	330 22	338.18	337.55	331.52	331.08
Not a 87 08	87.45	60 48	468.03	65.57	83.09	82.51
v -13 09	11 13	11 13	-35.07	-35.07	-16.25	14.53
log g 8384	8384	8800	8818	8854	8203	8179
log (H a) 9.5177	9.5041	9.6641	9.5679	9.5751	9.4965	9.6887
log 9.3685	9.3685	9.4037	9.8471	9.8471	9.4405	9.4245
log 9.7246	9.7130	9.9878	2.968	3.076	9.9343	9.9261
			1.981	2.03		
log h 1.2862	1.2862	1.2757	1.2754	1.2748	1.2912	1.2918
log (H a) 9.9995	9.9995	9.9410	9.9410	9.9410	9.9969	9.9967
log 0.116	0.116	0.135	0.135	0.135	0.159	0.148
log II 1.2973	1.2975	1.2902	1.3300	1.3228	1.3040	1.3033
			21.38	21.03		
I +14.75	14.75	+16.77	+16.86	+17.03	13.86	13.74
II +15.30	15.30	+16.95	+16.96	2.03	.85	.84
III +16.83	16.83	+17.00	+16.83	21.03	20.14	20.11
Sum 35.11	35.10	34.72	34.65	40.09	34.85	34.69
a +2.34	2.34	2.31	2.31	2.67	2.32	2.31
21.19.11.08	21.19.11.08	21.19.11.08	21.32.39.72	21.32.39.72	20.32.02.11	20.27.29.48
21.19.13.42	21.20.13.42	21.19.13.42	21.32.42.40	21.32.42.39	20.32.02.43	20.27.31.79
		21.6 8.88				
log i 8240	8861	8850	8818	8854	8203	8179
log 9.8844	9.8844	9.8865	9.9127	9.9127	9.9841	9.9852
log I 0.8124	0.8826	0.8845	0.8107	0.8140	0.7611	0.7554
			6.47	6.52		
log g 8384	8384	8800	8818	8854	8203	8179
log (H a) 9.9751	9.9767	9.9391	9.9681	9.9689	9.9454	9.9424
log II 0.8135	0.8154	0.8181	0.8499	0.8523	0.7657	0.7603
			7.08	7.12		
log h 1.2862	1.2862	1.2757	1.2754	1.2748	1.2912	1.2918
log (H a) 8.6891	8.6891	8.6883	8.6801	8.6801	9.0765	9.0880
log 9.3570	9.3570	9.3802	9.3802	9.3802	9.4246	9.4097
log III 9.3423	9.3423	9.3542	9.3667	9.3667	9.7923	9.7895
			4.65	4.41		
I +14.93	14.93	+14.63	+14.66	6.47	5.8	5.7
II +15.17	15.17	+15.17	+15.17	7.08	5.8	5.8
III +15.22	15.22	+15.22	+15.22	4.05	-1.6	-1.6
Sum +12.18	12.18	+11.56	+11.54	+9.50	12.0	10.9
13 9 14.13.31.41	14.13.31.41	14.13.31.41	14.13.31.41	14.13.31.41	14.13.31.41	14.13.31.41
13 09 1.3	1.3	1.3	1.3	1.3	1.3	1.3

664
88,
70

4.16
06.52
36.6
31.08
32.58
4.53

179
837n
245n
261

2918
9967
0148
3033

3.74
84
1.11
1.69
2.31
4.24
1.31.79

702
852
554

179
424
603

2918
0880
4097n
7895n

5.7
5.8
-1.6
10.9
3.3.8
5.2.9

Cell 20603.
Aug 11.
1870

23.07
306.31
133.12
329.38
79.43
-15.39

.8250
9.7038n
9.4474n
9.9762

1.2899
9.9930
0.0164
1.2993

14.09
95
19.92
34.96
2.33
20.26.3.85
20.26.06.18

.7899
9.9836
0.7705

.8250
9.9359
0.7669

1.2899
9.2517
9.4310n
9.9726n

5.9
5.8
-1.9
10.8
-15.39.246
-15.39.13.8

rr 878
Aug 30
1870

17.09
317.26
114.14
334.35
71.40
-10.41

.8649
9.6327n
9.2757n
9.7733

1.2790
9.9774
0.0076
1.2640

16.05
59
18.37
35.01
2.33
21.9.44.07
21.09.46.42

.8764
9.9924
0.8688

.8649
9.9558
0.8207

1.2790
9.4977
9.2681n
0.0448n

7.4
6.7
-1.1
13.0
-10.41.27.6
-10.41.14.6

rr. 184
Aug 30
1870

17.09
317.29
114.14
334.38
71.43
-10.41

.8649
9.6319n
9.2757n
9.7725

1.2790
9.9775
0.0076
1.2641

16.05
59
18.37
35.01
2.33
21.9.57.91
21.10.00.24

.8764
9.9924
0.8688

.8649
9.9560
0.8209

1.2790
9.4965
9.2681n
0.0436n

7.4
6.7
1.1
13.0
-10.40.34.9
-10.40.27.9

rr. 184
Sept 1.
1870

16.39
317.29
112.10
334.08
69.39
-10.41

.8688
9.6398n
9.2757n
9.7843

1.2781
9.9720
0.0076
1.2547

16.24
61
18.10
34.95
2.33
21.9.57.91
21.10.00.24

.8822
9.9924
0.8746

.8688
9.9542
0.8230

1.2781
9.5413
9.2681n
0.0875n

7.5
6.7
1.2
13.0
-10.40.34.9
-10.40.31.9

rr 413
Sept 1.
1870

16.39
335.6
112.10
351.45
87.16
-1.58

.8688
9.1568n
8.5358n
8.5614

1.2781
9.9795
0.0003
1.2779

16.24
04
18.96
35.24
2.35
22.20.24.21
22.20.26.56

.8822
9.9997
0.8819

.8688
9.9755
0.8643

1.2781
9.6784
9.5355n
0.4920n

7.6
7.4
3.1
11.9
-1.58.14.1
-1.58.02.2

Lamont 4393
Sept 7.

15.20, 15.20
3.25.22, 3.40.22
105.56, 105.56
340.42, 355.42
71.18, 46.18
-7.18

.8800
9.5192n
9.1076n
9.5068

1.2757
9.9765
0.0035
1.2557

16.77
32
18.01
35.10
2.35
21.41.29.10
21.41.37.50

.8961
9.9965
0.8926

.8800
9.9749
0.8544

1.2757
9.5060
9.1040n
9.8857n

7.8
7.2
1.8
14.2
-7.18.7.4
-7.17.53.2

Lamont 4393
Sept 8.

\log 15.08
 d 325.22
 H 104.53
 $g+d$ 340.30
 $H+d$ 70.15
 δ -7.18.

$\log g$.8818
 $\sin(H+d)$ 9.52357
 $\tan \delta$ 9.10762
 $\log I$ 9.5129.

$\log h$ 1.2754
 $\sin(H+d)$ 9.9737
 $\sec \delta$ 0.035
 $\log II$ 1.2526

f 16.86
 $\frac{f}{I}$.33
 $\frac{f}{II}$ 17.89
 $d' - d$ 35.08
 $d' - d$ 2.34
 d' 21.41.29.16
 d 21.41.31.50

$\log i$.8980
 $\cos \delta$ 9.9965
 $\log I$ 0.8945

$\log g$.8818
 $\cos(H+d)$ 9.9744
 $\log II$ 0.8562

$\log h$ 1.2754
 $\cos(H+d)$ 9.5288
 $\sin \delta$ 9.10402
 $\log III$ 9.90622

I 7.7
 II 7.2
 III .8
 $d - d$ 14.9
 $\delta - \delta$ -7.18.7.4
 δ' -7.19.53.1

84
85

1870phac.prcj.124R

