1924phae.proj.6570

1 2 11
1926 Feb 23
6 Sept 24
1924

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KG 11365,656.

1924phae.proj..657C

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1924phae.proj..0001

Feb. 23, 1924

GMT

W. Hrs Maj. Continued from previous book

VII

13-
5-6-9

Ind B.

214.4 47.0
261.4 56.0
26.2 103.0 +1.58
82.2

+1.78

211.8 46.4
258.2 41.0
33.8 87.4 +1.98
74.8

Ind A. Mean=+1.74

302.2 42.7
344.9 58.7
116.9 101.4 +1.62
175.6

+1.69

298.7 54.3
353.0 41.6
122.2 95.9 +1.76
163.8

13-59-50

115 57

13 sg on

2382 9. 57 2

433

147

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1924phae.proj..657C

2

Feb. 23, 1924.

Ind. A.

14 9 25

~~1111~~ ~~51.8~~

303.4 ~~45~~ 45.4

348.8 + 59.5

113.3 104.9 1.54

172.8

VIII

302.9 50~~3~~ + 1.60

353.2 49.0

116.9 99.3 +1.67

165.9

Ind B.

Mean = 1.56

31.4 46.0

77.4 59.4

208.4 105.4 +1.53

267.8

+1.52

26.6 58.0

84.6 48.4

211.5 106.4 + 1.50

259.9

14-13-21

14 11 23

2 38 29. 5 91

435

.156

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1924phae.proj..007C

Feb. 23, 1924

Ind B.

14:26:40	30.4	51.8
	82.2	60.2
	206.4	112.0 + 1.37
	266.6	
		+ 1.42
	25.0	59.8
	84.8	47.4
	214.0	107.2 + 1.48
	261.4	
	Ind B	Mean = + 1.34
	117.3	57.4
	174.7	55.4
	298.4	112.8 + 1.35
	353.8	
		+ 1.26
	112.8	66.2
	179.0	54.6
	298.2	120.8 + 1.18
14:29:47	352.8	

56 27

14 28 14

23 29.603

434

.160

IX

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1924phae.proj..657C

Feb. 23, 1924

a

Ind. B.

14:46:0

116.8	59.2	
176.0	52.9	
300.4	112.1	+1.37
353.3		

+1.46

119.0	57.2	
176.2	47.6	
304.6	104.8	+1.54
351.6		

Ind & B.

Mean = +1.42

206.0	56.2	
262.2	56.9	
26.8	113.1	+1.35
83.7		

+1.38

206.9	58.3	
265.2	51.8	
32.2	110.1	+1.42
84.0		

14:48:55

14 47 28
23829.616
435
.181

Images out center of field probably affecting value of measurements.

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Feb. 23, 1924

Ind B.

14:50,35 209.8 55.4

265.2 61.5

25.7 116.9 +1.26

87.2

XI

+1.26

206.2 65.4

271.6 51.1

31.1 116.5 +1.27

82.2

Ind B.a Mean = +1.21

300.3 55.5

355.8 61.5

116.2 117.0 +1.26

177.7

+1.16

294.3 62.9

357.2 62.7

105.8 125.6 +1.07

168.5

14:53:17

103 52

14 51 56

23829.619

435

.186

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1924phae.proj..657C

Feb 23, 1924

Ind β^a

15-8-0

297.8	57.7	
355.5	70.0	
107.9	127.7	+ 1.03
177.9		

XII

+0.98

294.7	66.2	
360.9	66.5	
106.8	132.7	+ 0.92
173.3		

Ind β^{13}

Mean = +1.09

31.8	50.0	
81.8	67.5	
201.4	117.5	+ 1.25
268.9		

21.8	69.0	+ 1.20
90.8	52.8	
209.1	121.8	1.15
261.9		

15:11:27

19 27

15 09 44

23829.632

ϕ^{35}

197

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1924phae.proj..697C

23842

Tuesday February 26, 1924

H. J. Rec

L.6. Obs.

13-18- S.S. Aur. 060547 est. 13.0

13-20- U. Gem. 074922 est. 13.0 ✓

R.T. Hya. 082405

	Ind. B.		
13-33-14	124.0	44.6	Comp. * dis
	168.6	51.0	
	300.8	95.6	+1.77
	351.8		
			+1.82
	121.4	50.4	
	171.8	40.9	
	305.9	91.3	+1.188
	346.8		
	Ind. a.		8.6
			Mean = +1.48
	208.4	57.4	1008
	265.8	62.4	
	24.4	119.8	+1.20
	86.8		
			+1.13
	262.3	72.0	
	274.3	54.0	
	28.4	~~138.0~~	+1.06
13-36-40	82.4	126.0	

Region checked up and comp. * certainly made the 8.6 to disappear, But further examination shows that R.T. was not measured Reject above group!!

Compared with

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1924phae.proj..657C

Feb. 26, 1924

R.T. Hya. 082405

Phot'l.

	Ind. B			comp. * ↓
14: 2 - 20	~~308.2~~ 109.2	73.1		~~Vab.~~ dis
	182.3	79.9		
	283.4	153.0	+ 0.52	
	363.3			
			+0.62	
	108.4	73.0		
	181.4	69.8		
	290.4	142.8	+0.72	
	360.2			
	Ind. A			Mean = +0.34
	190.0	89.8		
	279.8	95.5		
	7.8	185.3	−0.10	
	103.3			
			+0.06	
	200.4	87.0		
	287.4	82.0		
	16.0	169.0	+ 0.21	
14 - 5 - 25	78.0			

Sky very murky
Observations very difficult
to make — 14:18 —

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1924phae.proj..697C

Thursday February 28, 1924.

L.C. Obs. L.C. Jr. Dec

15-18 S.S. Aur. 060547 est 10·8

Too many clouds for W.S. Maj.

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1924phae.proj..657C

Thu. Feb. 29th 1924

LC. Obs 12" FITC Re

O Cell 02 1403 Phot R.

12: 09. 20 Std a var dis

2304
2472 168
490 165
655 333

346

928.4
2464 180
493 179
672 359

362 = 919/399/520

B
1404
1559 155
3171 227
3398 382

378

1409
1538 129
3142 244
12 13 30 3386 373

Phot a
392
12: 15: 23 389
388
384
1553
Mean 388.8

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1924phae.proj..697C

Sept 29 – 1924

12 33 10 S S Aurigae 060547 Est 10.8 ✓
Phot a – measured Brit * just n. of it

8.8
12 35 8 4
8 6
8 8
3.4'6
8 6

✓
U Gem 074923 Est 13 8
12 3 ~~13 8 Hazy~~ 1 Dr. Eye piece used –

a B Aur 044920 Phot F.
12 41 00 red – B vardis
2924
3572 648
1163 583
1746 1231 – 11.3
2978
3598 620 – 109
1136 648
1284 1268
a – 105
210
880 670 – 122
1908 870
2778 1540 050

143 765 – 034
908
1956 888
12 45 40 2844 1653 028

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1924phae.proj..65C

Oct 29 - 1924.

8 Cam. Comp + Δ's

12 45 55 a

	303 8		
	350-8	470	
	1238	384	
	1622	854	+204
	305-9		-195
	3504	443	
	1208	476	+186
	1684	921	
	B		
	339		mean = 190
	789	450	
	2110	452	
	2562	902	1,91
	298		
	792	494	+186
	2136	442	
12 49 50	2578	936	182

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1924phae.proj..637C

Feb. 29 - 1924 —

R Z Erid - 043910 Phot A.

~~Dec~~ -

13 09 - 238
340
248
240
1066
266

A Comp'd with * n. of var.

B var dis

13 12 58 2046
2730 684
224 753
977 1447

0.68

2000
2748 748
226 630
856
1378

Region in tree tops.

Reject this partial group.

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1924phae.proj..657C

Feb. 29 - 1924.

V Lyrae 062061 Plate F.

Ind B Comp * Dif.

13 33 00	252		
	833	581	
	2120	464	
	2584	1045	+ 155
	280		
	800	520	+ 146
	2064	600	
	2664	1120	+ 137
	A		
	1222		Mean + 1.57
	1745	523	
	3002	466	
	3468	989	+ 168
	1251		
	1705	454	+ 144
	2982	536	
18 37 25	3518	990	+ 121
	1298		
12 46 00	1761		
	2936		
	3506		

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1924phae.proj..627C

Feb 29 - 192x

Z Cancri 081615 Phot F
Ind - B.

13 52	2130		comp ds
	2689	559	
	268	552	
	820	1111	+ 139
	2118		
	2630	5-12	+ 146
	296	5-40	
	836	1052	+ 153
	a -		
	3068		Mean = 15-5
	3500	432	
	1198	529	
	1727	961	175-
	2967		
	3562	5-95-	164
	1248	449	
13 55-20	1697	1054	15-3

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1924phae.proj..657C

Feb 29 – 1924 –

	2 Leons	094627	Phot T.
	Ded. B	vardes	
14:25:40	3547		
	117.4	1227	
	1882	1080	
	2962	2307	
		1293	+ 099
	2.8		
	1178	1150	+ 1.04
	1759	1299	
	2958	2349	
		1251	+ 1.08
	a		
	~~2752~~		Means = + 0.88
	18.8	comp + des	
	938	750	
	2050	709	
	2759	1459	+ 066
	21.8		+ 0.71
	928	710	
	2002	726	
14:29:20	2728	1436	+ 076

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1924phae.proj..607C

Thursday Mar 13 - 1924

Lb Ro

12 - 13. SS Aur. } 060547 Est. 13.2 / Fine

o Ceti too low

SX Gem 062220 var too faint to measure with Phots T or R especially with some moonlight.

IX Gem. 073017 Phot R

12" 39 10 - B - comp * dec = +17.° 1620 (23)

16.6
1062 996
1946 850
2796 184.6
175.4 − 0.09

18.8
1114 926 + 0.02
1996 842
2838 176.8 + 0.06

a

2784 Mean = + 0.02
3772 988
1008 872
1880 1860 − 0.11
1740

2870 + 0.03
3713 842
1014 866
1880 1706 + 0.17

12 46.40

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1924phae.proj..657C

March 13 - 1924

	RX Gum	664333		Phot F.
~~+25~~	Sud B	comp x, dis		
13.03.21	1708			
	1808	700		I
	2904	806		
	3710	150.6	+056	
	1154			
	1736	582	+086	
	2973	631		
	3604	1213	+11.7	
	a			
	2036		Mean = +085	
	2704	668		
	206	622		
	822	1290	1.60	
	2024			
	2724	705	+84	
	19.8	746		
13 07 55	944	1446	+068	

Sh. ob = 3.2

C.S. = +33.147 (.2)

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1924phae.proj..627C

March 13-1924.

II

		Dud. a		
13	13:23	1960		
		2764	804	
		206	706	
		912	1510	+056
		2012		
		2733	721	+058
		178	760	
		938	1481	+061
		7B		
		2943		Mean = +073
		3608	695	
		1102	672	
		1774	1367	+084
		2918		
		3578	660	+088
		1098	674	
13	1650	1772	1334	+091

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1924phae.proj..657C

March - 13 - 1924

13 : 26 40	Sud B.			
	2904			III
	3608	704		
	1134	650		
	1784	1354	+087	
	2973			+088
	3604	631		
	1115	718		
	1833	1349	+088	
	@			
	238			
	880	642	Mean +089	
	1968	746		
	2714	1388	+090	
	238			
	858	620	+090	
	2039	673		
13 · 30.20	2712	1293	+099	

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1924phae.proj..677C

March - 13 - 1924

	S V Tau B.	054528	Phot comp * dis	E
13 46'15	226.4			
	2436	172		
	47.2	186		
	658	338	+401	
	2263			
	2443	180	+399	
	473	185		
	658	365	+397	
	a			
	3167			Mean +39.4
	3348	181		
	1348	176		
	1524	357	+402	
	3162			
	3368	206	+390	
	1373	191		
13 50 20	1564	397	+379	

~~Comp *~~ = [illegible] +27° 88 (6.5)

Sp. Wh = 3.2

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1924phae.proj..65C

March 13 - 1924

	R T Tya	082405	Phot V.
14:06 15	Red B	var	dec —
	1988		
	2753	765	
	131	852	
	983	1617	−035
	1943		
	2800	857	−0.16
	68	954	
	1022	1811	+ 0.02
		1789	
	A.		
	2780		Mean = −0.08
	3718	938	
	1048	916	
	1964	1854	
		1746	+ 0.10
	2874		+ 0.01
	3773	899	
	1044	861	
14-10-00	1905	1760	− 008

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1924phae.proj..637C

March 13 - 24

	Sid mon	0737 16		Phot R.
	Sid a	var	dis	
14: 37,00	1920			
	2796	876		
	180	922	− 060	
	1002	1798		
	1882			
	2862	980	+ 016	
	123	989		
	1112	1969		
		1631		
	-B-		+ 032	
	997			
	1977	980		Mean 033
	2818	1020		
	3838	2000		
		1600		
			+ 038	
	988			
	1948	960		
	2722	1166	+ 050	
14: 40,00	3888	2126		
		1474		
			+ 063	

Var assumed to be − 10° 21 71 (8,6)

Comp * = − 10° 2172 (8,4)

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1924phae.proj..65C

March 13 1924

4h 46m 20s 4 Gem 074922 Est 13.2

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1924phae.proj..637C

St. Patrick's Day

Monday March 17 - 1924

23862
9 M.T.

044930[a] ~~R.A.~~ Rimyae Phot T.
and a ~~a B~~

12 37 50 3052 Comp x dec
3455 403
1247 385
1632 788 +223

3055 +218
3468 413
1282 406
1688 819 +214

TB Mean = +1.88
328
848 520
2108 310
2618 1030 +158

266 +15.8
828 562
2100 474
12 41 35 2574 1036 +157

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1924phae.proj..657C

March 17 - 1924.

	qB		
	~~H~~ Aurigæ	044930	Phot V.
	Std B		
12"33 02	1132	var dis	
	1836	704	
	2916	684	
	3600	1388	-080
	1102		-084
	1768	666	
	2928	684	
	3612	1350	-088
	-Q-		Mean = -054
	1972		
	2822	850	
	144	856	
	1700	1706	~~-088~~ -018
	1922		
	2828	906	-024
	189	733	
12.36 45	922	1639	-030

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1924phae.proj..697C

March 17 – 1924

V Lyncis 0628 x1 Phot T

F	n	□	B	comp ~~+~~ dis
12.5035	1226			
	1722			496
	2972			589
	3561			1085

+45

1208		
1815	607	+152
3074	415	
3489	1022	+160

Mean = +137

A.		
2078		
2642	564	
308	389	
847	1103	+141

2077		+122
2700	623	
223	657	
12.5400 880	1280	+102

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1924phae.proj..65C

~~R Lyn~~ March 17/24

	R X Gem	064333	
13-09-00	Ref-B.	Comp. star	dis. (+)
	2888		
	3618	730	
	1142	682	
	1824	1412	+075
	2898		+067
	3602	704	
	1048	790	
	1838	1494	+059
	1a-		
	209		Mean = +060
	934	725	
	1968	800	
	2768	1525	+053
	218		+053
	1014	796	
	2030	729	
13 12 20	2759	1525	053

Sm = 3.2

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1924phae.proj..617C

March 17 - 1924

	2 Cancri	08 16 15	Phot V.
+8	2nd - B	Comp star Dec	
13 34 45	280		
	804	5 24	
	2084	3.13	
	2597	1037	+15.7
	288		
	846	558	+15.2
	2144	319	
	2663	1077	+14.7
			Mean = +14.60
	A -		
	1194		
	1708	514	
	2018	309	
	3327	1023	+14.60
	1202		
	1686	484	+16.7
	2018	482	
13 27 45	3500	1966	+17.4

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1924phae.proj..657C

March 17 - 1924

	R Z Cauri	083232	Phot F
13:49:40	B.		
	1291	comp.	star div.
	1639	348	
	2090	374	
	3464	722	+243
	1306		+265
	1596	290	
	3116	308	
	3424	598	+287
	9 -		Mean = +266
	2208		
	2568	360	
	377	320	
	697	680	+257
	2210		+267
	2528	318	
	402	305	+277
13 5300	707	623	

14 45 Cloudy

1924phae.proj..057C

Tuesday March 18 9/24

12.41	δ Aurigæ	060547	Est. 13.0
12,42	α Gem-	074922	Est-13.1
12 56.	δ Tauri	054319	Est 9.6
	T. X Gem	073017	Phot R.

Too faint in moonlight for Phot.

13-10 } Too much haze, cloud & moonlight to continue to advantage

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1924phae.proj..657C

Wednesday March 19 - 1924

LC obs

	W hrs maj	0935 56	Phot T.
	Ind B	Comp + obs	
13 - 08.40	2024		
	2674	650	
	212	661	
	873	131.1	+096
	2043		
	2740	697	+086
	214	708	
	922	1405	+076
	a		
	3014		mean = +120
	3498	484	
	1222	418	
	1640	902	+191
	3024		
	3504	480	+173
	1190	562	
13 - 11.40	1752	1042	+155

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1924phae.proj..697C

	Dud a			II
13 13 40	3024			
	3534	510		
	1137	339		
	1696	1069	+1,49	
	3030		+159	
	3528	498		
	1200	488		
	1688	986	T169	
	TB			+123
	274		Mean =	~~087~~
	918	644		
	2026	690		
	2716	1334	091	
	238			
	902	664	087	
	2008	710		
13 16 35	2718	1374	083	

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1924phae.proj..657C

Mar. 19 – 24

B

13 20 20

23.7
926 689
2022 706
2728 1395 +078

268
849 581 +152
2077 387
2664 1168 126

a

1168
1668 500
3039 409
3498 939 +176

1193
1706 513 +164
3009 539
13 23 15 3548 1052 +153

Troubled by clouds in above group –

reject above group

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1924phae.proj..657C

Mar 19/24

	a		
13 24 35	1192		
	1728	536	
	3000	502	
	3502	1038	+156
	1208		+160
	1674	466	
	3002	336	
	3538	1002	+165
	B		
	~~812~~		mean - 1.32
	2026		
	2756	730	
	204	702	
	906	1432	.071
	2030		
	2648	618	104
	338	306	
13 28.25	844	1124	136

III

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36

March - 19 - 24

IV

	Dud B		
13 34 20	4078		
	2684	606	
	274	620	
	894	1226	+114
	2017		
	2694	682	+104
	274	634	
	908	1316	+095
	a		
	~~2060~~		
	1208		Mean = 101
	1724	516	
	3020	494	
	3514	1010	163
	1219		
	1702	483	168
	3024	488	
13 37 30	3512	971	173

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1924phae.proj..657C

March 17 – /24

a

13 42 00 | 1200 | | |
1672 | 472 | |
3038 | 478 | |
3516 | 950 | +178 |

1220 | | +89
1674 | 454 |
3052 | 414 |
3466 | 868 | 200

B

2058 | | Mean = +150
2694 | 636 |
2558 | 670 |
928 | 1306 | 097

2058 | |
2696 | 638 | 110
2556 | 551 |
13 45 00 | 807 | 1189 | 122

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1924phae.proj..657C

38

Mar 19/24

B

	2068		
13 5420	2659	591	
	310	568	
	878	1159	+128
	2100		+132
	2642	542	
	272	577	
	849	1119	137

a

	3069		
	3482	413	Mean +165
	1250	390	
	1640	803	+219
	3068		+198
	3489	421	
	1200	332	
13 5730	1732	953	+177

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1924phae.proj..607C

March - 19 - 1924

	a		
14 04.63	304.8		VCl
	3504	456	
	1220	493	
	1715	931	+178
	3062		
	3486	424	+192
	1256	422	
	1678	846	+206
	78		
	278		
	859	581	Mean +162
	2079	533	
	2612	1114	+139
	293		+133
	844	551	
	2094	616	
14 07.00	2710	1167	+127

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1924phae.proj..657C

March 19– 1924

VIII

	B.		
14i 14:45	309		
	812	503	
	2120	508	
	2628	1011	+163
	301		+169
	789	488	
	2141	475	
	2616	963	+175
			Mean +169
	A		
	1260		
	1662	402	
	3076	404	
	3480	806	+208
	1186		+190
	1730	544	
	3055	430	
14 -1940	3485	974	+172

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1924phae.proj..617C

March - 19 - 1924

-a-

14:25	1196		
	1690	494	
	3034	482	
	3516	976	+1.72
			+1.96
	1240		
	1620	380	
	3062	414	
	3476	794	+2.21

B

Mean = +1.80

	2122		
	2591	469	
	316	514	
	830	983	1.70
	2113		
	2616	503	1.64
	326	326	
14 28:40	852	1029	1.59

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1924phae.proj.657C

March - 19 - 1924

	B		
14 36.20	2109		
	2627	518	
	286	489	
	775	1007	+164
	2106		
	2640	534	+137
	298	532	
	830	1066	+150
	a		
	8030		Mean +172
	3536	506	
	1220	462	
	1682	968	+174
	3032		
	3486	454	188
	1256	409	
14 39 10	1665	863	201

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1924phae.proj..697C

Saturday March 22 1924

L C No. I

12,44. δ Aur. 060547 Est. 13.3

12:45 α Gem 074922 Est 13.5

α B Aur. 044930 ♯

Dud B.

12 50 45 ~~1759~~ ~~Comp star bad~~

3022 variable star bad

3533 511

1154 572

1726 1083 −146

3006

3552 546 ♯15.4

1214 474

1688 1020 −1.61

-α-

144 −0.92

964 820

1954 882

2836 1702 − 019

162

960 798 +030

1946 986 784

2730 1032

12 53 50 ~~3762~~ 1582 − −042

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1924phae.proj.657C

March 22/24.

84

~~a b~~ Angles

3
17 00 20

1244	Comp star dis.	
1688	394	
2082	386	
3468	780	+2.25
1229		
1612	383	228
3112	376	
3488	759	232
	1.	
2102		
2640	538	Mean = 205
340	398	
738	936	182
	1.	
2155		
2604	449	-182
324	791	
815	940	181

3
17 04 10

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1924phae.proj..617C

Mar 22 - 1924

	α Bair		
	Ind. B.		
3			
17 - 06:00	2032	Var	dis
	3563	531	
	1158	604	
	1762	1135	134
	2994		
	3572	578	137
	1172	328	
	1700	1106	140
	α		
	180		mean = +0.8d
	956	776	
	1912	863	
	2775	1639	030
	180		
	976	796	.024
	1900	910	
3			
17 09:20	2810	1706	
			+018

One image very hard to focus on this variable especially when Photometer is in position - α -

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1924phae.proj..657C

March 22 - 1924

13 37 - -	4 Pup.	075612	13.2
	8 Cam.	083819	Plot T.
	Ded B	~~Co~~	Comp'd with 7,9 which
L3. ~~45~~ 48:45	304		is slightly south of
	816	512	variable
	2028	600	Comp + Des
	2628	112	+1.39
	242		
	840	598	+ 1.34
	2098	564	
	2662	1162	+1.28
	1248		
	1636	388	Mean +1.68
	2031	480	
	3310	868	+2.00
	1252		
)	1689	437	+2.03
	3044	411	
18 52 30	3455	848	+2.06

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1924phae.proj..697C

Mch- 22/24

Und a

II

13 58:20

	1253		
	1689	436	
	3016	430	
	3466	886	+1,95
	1198		+188
	1674	476	
	3038	471	
	3509	947	+181
	-B-		
	2078		+155
	2715	637	
	248	644	
	892	1481	~~664~~ 1.23
	2174		
	2668	594	1.22
	284	604	
14.025	888	1198	1.20

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1924phae.proj..657C

March 22 – 1923

14 14,14 – Sid. B –

208.8			3
2648	560		
2444	624		
868	1184	+1.23	
2108			
1632	524	120	
228	681		
909	1205	+1.18	
a			
3057		Mean +1.63	
3484	427		
1238	434		
1672	861	202	
3042			
3486	444	286	
1268	388		
14:17 45 1856	832	210	

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1924phae.proj..6?7C

March 22/24

4

	Duda		
14'36"	2038		
	3488	450	
	1222	426	
	1648	876	+1.98
	2555		218
	3462	407	
	1278	364	
	1642	771	228
	TB.		
	248		Mean = +177
	859	611	
	2098	530	
	2628	1141	132
	285		141
	822	537	
	2120	528	
1489	2648	1065	150

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1924phae.proj.697C

Monday March 24 - 1924

L. C. Rec

F. C. rec

12:33	SS Aur.	060547	Est. 13.4
12:34	U Gem	074922	Est 13.4
	RX Gem	064333	Comp star dis Phot 1
	IND 13		
12·37:25	1098		
	1710	612	
	3026	560	
	3586	1172	+125
	1176		
	1742	566	+132
	2998	550	
	3548	1116	+138
	IND: A		Mean = 084
	220		
	1018	798	
	1955	819	
	2774	1617	+035
	208		+036
	988	780	
	1982	830	+036
12 41 -15	2712	1610	

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1924phae.proj..697C

March 24 - 1924

GMT

	TX Gem	073017	Phot R
	Sud-A		~~comp star~~ dis.
			Var
12: 50 30	2832		
	3722	890	
	1083	849	
		1739	± 011
	1932		
	2821	~~889~~	—
	3708	887	± 020
	1117	765	—
	1882	1652	± 028
	Sud B		
	118		Mean = ± 012
	1032	914	
	1896	934	
	2830	1848	
		1752	+ 009
	218		
	1033	815	
	1930	884	± 005
12 - 55: 30	2814	1699	± 019

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1924phae.proj..657C

52

March. 24 – 1924

Same again with Phot T.

	Red – B	Comp Star dist.	
12·04·10	3169		
	3400	231	
	1348	226	
	1574	457	+347
	3178		
	3355	177	+370
	1347	197	
	1544	374	+392
	a		
	456		
	680	224	Mean = +340
	2229	269	
	2498	493	+330
	449.		+310
	718	269	
	2200	318	
13:08·08	2518	587	+291

Comp * = * @ $7^h\ 29^m$ + 17.12

immediately following the variable

1924phae.proj..657C

March 24 - 1924

Photo S.

	8 U. Sau.	05 4528	Comp star	dis.
	Sud - Pb			
13 18 00	45 8			
	68 4	226		
	2262	192		
	2454	41.8	+367	
	458			
	654	196	+374	
	2256	194		
	2450	39.0	+382	
	Sud a			
	1388		Mean = +380	
	1540	152		
	3184	200		
	3384	33.2	405	
	1386			
	1548	262	+387	
	3188	152		
3 22 00	3340	414	369	

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March 24/24

	R Z Cancri	08232	Phot V.
	Ind B	Comp star	dis.
13 33 03	3106		
	3408	302	
	1300	282	
	1582	584	+292
	3133		
	3408	275	+294
	1300	300	
	1600	575	+296
	a -		
	3100		Mean = +283
	3440	340	
	1296	322	
	1618	662	+264
	3105		
	3440	335	272
	1347	281	
13 36 20	1628	616	280

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1924phae.proj..657C

Mar 24/24

RR Gem var. identified as one of 3 stars (the faintest) in little group – D.D. faint. to measure with photometer

13:39.

	U Urs Maj Red. R.	100660	Phot T. Var. dec.
14:06'10	1974		
	2864	890	
	176	828	
	1004	1718	-016
	1973		-024
	2772	799	
	178	826	
	1004	1625	-033
	a		Mean -046
	2992		
	3704		
	1051	712	
	1855	804	
		1516	054
	2933		
	3630	697	068
	1108	686	
14:09:25	1794	1383	081

Comp * = * @ 10h 7m +60 50

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1924phae.proj..657C

March 24 - 1924.

	a			
				II
14. 16.20	2940			
	3588	648		
	1096	713		
	1809	1361	085	
	2972			
	3640	668	-078	
	1112	766		
	1878	1434	071	
	73			
	182			
	1002	920		
	1896	944	Mean -059	
	2840	1864		
	148			
	918	770		
	1972	958		
14 1930	2730	1528	-052	
	8.0		-040	
	960	880		
	1982	778		
	2760	1658	-027	
14 21 20				

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1924phae.proj..697C

March 24 – 1924 –

B.

~~14 24 30 – 8. 0 1.~~ III

136
1008 872
1959 819
2778 1691 -020

78
982 904 -018
1978 810
2788 1714 -016

a – Mean – 048

1088
1798 710
2956 676
3632 1386 -080

1080
1844 764 078
2960 640
14 27 00 3600 1404 077

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1924phae.proj..657C

March 24 – 1924

	U Hydrae	103212	Phot Var dis
	B	Same comp * as	
14:35 20	3162	used	By Stundelf
	3384	222	
	1350	225	
	1575	447	352
	3152		
	3378	226	+160
	1352	200	
	1552	426	-368
	R		
	428		Mean = 243
	676	248	
	2246	222	
	2468	470	341
	422		
	680	278	326
	2220	268	
14 39 00	2488	546	311

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1924phae.proj..637C

Thursday March 27 - 1924

L C obs			Fil. rec.
13-18 G.M.T.	δ Aurigae	060547	Est - [133
13 22.	U Gem.	074922	Est 137 var faint but surely seen
	R X Gem. Sid. B.	064333	Phot F.
13:27 4 35	297.2		Comp slit dia
	3566	594	
	1212	536	
	1748	113.0	+135
	2992		
	3516	524	+127
	1146	278	
	1824	120.2	+119
	-a-		Mean = +086
	186		
	1048	862	
	2038	692	
	2730	15-54	+047
	27.4		
	984	710	+046
	1944	85-2	
13:32:0	2796	15-62	+045

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1924phae.proj..657C

March 27 - 1924

42

13 ~~48~~ 40 TX Gem. Phot ~~Ø~~ V.

Ird. B 07 2017. comp + dv

3109

3404 295

1209 366

1575 661 +264

+296

3184

3388 ? 204 +320

1852 297 27

1549 ~~50~~ 1 -376

a

44.4 +296

194 Mean 308

2220 250

2548 328

578 29.4

434

702 268 +296

2220 298

13 45. 15 2518 566 +299

Reject above - retaken

on following page

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1924phae.proj..657C

March 27/1924

TX Gem Sama Ogami II

	Sub-a		
18. 49:50	2222		
	2518	296	
	428	294	
	722	590	+290
	2226		
	2504	278	+293
	428	296	
	724	574	+296
	73		
	3166		Mean = +830
	3366	200	
	1048	214	
	1062	414	+369
	3177		
	3360	183	+366
	1346	243	
13 9330	1589	426	+363

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1924phae.proj..65C

March 27 - 1924

	RT/Hydra	08 24 05	8 Shot V
	Std B	var dis	
~~13~~ 14 00 20	180		
	995	815	
	200.0	820	
	2820	1635	-031
	134		
	980	846	-020
	1964	908	
	2872	1754	-009
	Q		
	1094		Mean -050
	1855	761	
	2948	680	
	3628	1440	-069
	1139		
	1790	651	-079
	2929	691	
14 03 50	3620	1342	-089

860
810

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1924phae.proj..697C

March 27 - 1924

	Z Cancri	08 16 18	
	Dad B	to	Comp + dis.
14 13 20	246		
	898	652	
	2076	072	
	2648	1224	+114
	264		
	878	614	+111
	2050	638	
	2688	1252	+108
	- a.		
	1226		Mean = +15-4
	1714	488	
	2044	480	
	3524	968	+174
	1220		
	1649	429	+196
	2084	380	
14 16 20	3464	809	+217

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1924phae.proj..65C

March 27 – 1924

alkor south 8 mag star.

14 26 30	408	alkor dist 132155	I
	709	301	
	2224	280	
	2574	581	+319
	462		
	698	236	+325
	2258	256	
	2514	492	+381
	1389	Mean = -3.68	
	1536	147	
	3178	160	
	3338	307	+435
	1351		
	1563	212	+410
	3170	174	
14 30 5	3344	386	+385

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1924phae.proj..617C

Mar. 27/1924

		Same again.		II
18h 3450	1374			
	1566	192		
	3183	143		
	3026	339	-4.16	
	1386			
	1555	169	-423	
	3188	146		
	3334	315	-430	
	2198			
	2528	330	Mean = -3.52	
	408	292		
	700	622	-278	
	2208			
	2540	332	-281	
	426	272		
14 3820	698	604	-284	

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1924phae.proj..657C

Mch 27/24

	Ind Q			III
14 1 46 00	2324			
	2536	212		
	420	260	360	
	680	472	~~297~~	
	2249			
	2508	~~266~~		−3.47
	266	~~444~~	~~178~~	
	444	266		
		178		
		444	354	
	3178			
	3320	132	Mean =	−3.86
	1384	184		
	1568	326	−422	
	3174		−424	
	3324	150		
	1364	172		
14 49 30	1536	322	−425	

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1924phae.proj..67C

Mar 27/1924

IV

	B		
14 52 30	3146		
	3358	212	
	1376	201	
	1577	413	-370
	3134		
	3355	221	-365
	1366	212	
	1578	433	-359
	a		
	414		Mean = -339
	686	272	
	2214	316	
	2536	588	-291
	436		-313
	677	241	
	2258	241	
14 55 30	2499	482	-335
	Obd	Dec =	+5 38
		Sfu Wh =	0.6

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1924phae.proj..65C

Friday March 28. 1924

L C. obs

F. C. obs.

Alcor 132155 Phot V.

Add a var dis I.

12:37:11	42.7		
	717	290	
	2226	282	
	2508	572	-2.97
	430		
	698	268	-295
	2198	314	
	2512	582	-293
	B		Mean = -3.18
	136.7		
	1600	233	
	3150	238	
	3388	471	-340
	1366		
	1602	236	-340
	3129	234	
12 41 05	3363	470	-341

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1924phae.proj..6?7C

March 28 - 1924

	B.			
12 : 46·0	140.0			II
	1600	200		
	3148	210		
	3358	410	-371	
	1392			
	1097	205	-367	
	3135	221		
	3356	426	-363	
	-a-			
	2185		Mean =	-311
	2533	248		
	380	372		
	752	620	-279	
	2189			
	2555	366	-260	
	382	365		
12 : 49·0	747	731	-241	

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1924phae.proj..65C

March 28– 1924

	Sid A.			
12:37 45	2144			III
	2544	400		
	383	385		
	768	785	-2.24	
	2179			
	2546	367	-230	
	390	374		
	764	741	-2.37	
	78.			7
	3120		mean -288	
	3350	230		
	1333	267		
	1600	497	-3.28	
	3138		~~3.59~~	344
	3376	~~232~~ 238	~~-3.28~~	
	~~7758~~	~~+95~~ 195		
12 02 30	1394	~~428~~ 433	359	
	1589		-362	

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1924phae.proj..617C

March 28/1924

	B.			
13 04,40	3125			II
	3333	208		
	1358	222		
	1580	430.	-361	
	3124			
	3368	244	-344	
	1356	253		
	1609	497	-328	
	a			
	37.2			
	748	376	Mean = -321	
	2244	265		
	2509	641	-271	
	452		-298	
	704	252		
	2248	200	-326	
13 08 40	2498	502		

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1924phae.proj..65C

72

March 28/24

13 16 40 → a

	45 0		V
	127	277	
	2234	230	
	2464	50.7	-324
	430		
	696	266	-306
	2196	328	
	2524	594	-288
	72		
	1366		
	1576	210	Mean = -328
	3114	244	
	3358	454	-349
	1382		
	1079	197	350
	3146	213	
13 20 00	3359	410	371

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1924phae.proj..697C

March 28 — 1924.

	B		
13 26.45	1382		VI
	1594	212	
	3125	241	
	3366	453	-349
	1355		
	1598	243	-346
	3132	220	
	3352	463	344
	-a-		
	2200		
	2537	337	
	427	295	Mean = -302
	722	632	-274
	2175		
	2525	330	-258
	378	380	
13 30.45	758	730	-241

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1924phae.proj..657C

74

Mch 28/24

a

13 40 30	219.4			VII
	2533	339		
	398	346		
	144	685	-256	
	2222			
	2472	252	-282	
	455	293		
	748	545	-308	
	72.			
	1374			
	1575	201	Mean = -315	
	3115	280		
	3395	481	336	
	1361			
	1568	207	348	
	3136	225		
13 44 40	3361	432	360	

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1924phae.proj..697C

March 28-/24-

B

13;5345 1387 VIII

1588 201

3124 243

3367 444 -354

1368

1615 247 — 337

3113 269

3382 316 320

a

~~3000~~

~~2005~~

~~2658~~ ~~633~~

190

924 734

Lost image

see next page

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1924phae.proj..657C

March 28 - 1924

	Q		
14: 04,00	35 5		
	766	411	
	2198	345	
	2533	756	- 233
	402		
	705	293	- 262
	2215	297	
	2512	590	- 290
	-72-		93
	1352		mean 278
	1625	273	
	3112	270	
	3382	543	- 309
	1366		- 324
	1606	240	~~- 175~~
	3114	233	
14:07 20	3347	473	- 340

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1924phae.proj..607C

Mar. 28/24

	TB		
14·17,28	1368		
	1598	230	
	3150	188	
	3338	41.8	-352
	1388		
	1618	230	-344
	3122	230	
	3372	48.0	-336
	9a		
	2180		Mean -298
	2537	357	
	39.6	316	
	7'2	673	260
	2226		
	2540	314	-252
	367	407	
14 21 10	774	721	-244

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1924phae.proj..657C

Mar 24/24

	a		X
14 33 00	2210		
	2510	300	
	436	286	
	722	586	−291
	2159		
	2548	389	−243
	318	496	
	814	885	−195

B

Mean = −2.74

	3066		
	3386		
	1384	320	
	1671	287	
		607	284
	3124		306
	3378	254	
14 37 58	1372	244	
	1616	498	328

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1924phae.proj...007C

Mar 28, 1924

XI

	B		
143945'	3060		
	3366	306	
	1333	293	
	1626	599	286
	3108		
	3400	292	291
	1322	282	
	1604	574	296
	a		Mean = − 290
	438		
	684	246	
	2199	321	
	2520	567	299
	410		
	768	358	289
	2230	261	
14; 4320	2491	619	279
14- 46	δ δ Aurigæ	060547	Est. 132
14 47	α Tau	074922	Est. 13.6

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1924phae.proj..65C

Monday March 31 - 1924

L C obs			F. C reg
12 i 28.	SS Aurigae	060547.	Est. 132
12-29-	U Gem.	074922	Est 135
	alkor	132155	Phot F. I
	Sad a.	var. due	
12 i 32 08.	40.9		
	706	297	
	270.7	345	
	2552	642	-27.1
	402		
	710	308	266
	217.1	357	
	2528	665	262
	TB.		Mean = 307
	1388		
	1653	265-	
	3118	241	
	3359	506	3.24
	1380		
	1582	202	3.48
	3139	209	
12 36 10	3348	411	371

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1924phae.proj..697C

March 31 – 1924

B.

12 43 47 139.2

1582	190		
3178	150		
3328	340	−413	412

a

2204			
2566	362		
444	273		
717	635	−273	

a

2214			280
2518	304		
400	294		
694	598	287	

B

3168		Mean =	−346
3320	107		
1399	185		
12 47 20 1584	342	412	

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1924phae.proj..657C

March 31/24

	B.		III
12:50 20	31.16		
	3340	224	
	1392	206	
	1598	430	-361
	3168		
	3358	190	-378
	1402	178	
	1580	368	-395
	a		
	408		mean = 332
	717	309	
	2232	284	
	2516	593	-289
	416		
	715	299	-287
12·54 20	2218	304	
	2522	603	285

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1924phae.proj..607C

March 31 — 1924

	a			
12;58.00	384			IIII
	764	38.0		
	2178	360		
	2538	740	-238	
	417			
	722	305	-264	
	2228	284		
	2512	589	290	
	73			
			Mean = -309	
	1372			
	1568	196		
	3155	207		
	3362	403	375	
	1394		-354	
	1564	160		
	3128	225		
13;02.50	3358	485	334	

Nicol Prism taken out & cleaned at the end of above group

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1924phae.proj..657C

March 21 - 1924

13 - 07:40	B.			L
	1312			
	1504	192		
	3162	175		
	3337	367	-396	
	1333		-378	
	1534	201		
	3150	232		
	3382	433	359	
	a			
	2222			
	2468	246	Mean = -352	
	422	270		
	692	516	320	
	2204			
	2440	236	327	
	411	229		
13 - 11 00	640	485	334	

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1924phae.proj.-.697C

March 31 - 1924

VI

-a-

13 - 14.00 2210

2458 248

398 260

658 508 324

2200

2452 252 -326

427 247

674 499 -328

B

3125

3366 241 Mean = 3,44

1308 236

1544 477 -3,38

3140

3342 202 362

1326 182

13.17.10 1508 384 386

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1924phae.proj..657C

March 21 - 1924

VII

B-

13 21.30	3138		
	3338	200	
	129.7	261	
	1558	461	-345-
	3152		
	3344	192	-352
	1311	240	
	1551	432	360
	-A-		
	404		Mean = 344
	682	278	
	2216	260	
	2476	538	311
	418		
	652	224	335
	2224	210	
13 25 53	2434	434	359

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1924phae.proj..697C

March 31 - 1924

VIII

	a		
13:31:18	41.4		
	654	240	
	2200	240	
	2440	480	-336
	358		
	690	332	~~304~~
	2176	304	
	2480	636	273
	78		
	1300		Mean = -332
	1558	258	
	3142	217	
	3859	475	-339
	1324		
	1540	216	-360
34	3152	178	
.13 ~~29~~ 40	3330	394	-380

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1924phae.proj..65C

March 31 - 924

B

13 4200	1284		
	1512	228	
	3133	219	
	3352	44.7	352
	1308		
	1533	225	356
	3133	207	
	3340	43.2	360
	- A -		Mean = 328
	2172		
	2498	326	
	377	300	
	677	626	276
	2198		
	2444	246	300
	408	261	
13 4605	669	507	324

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1924phae.proj..697C

March 31 - 1924.

X

a.

13h52m15	2148		
	2480	332	
	348	334	
	682	666	-262
	213-7		
	2499	362	-259
	387	321	
	708	683	-256
	TB		
	1286		
	1538	252	Mean = -304
	3142	230	
	3372	482	-335
	1312		
	1532	230	-350
	3126	194	
13:56:30	3320	424	-364

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1924phae.proj..65C

March 31 — 1924

B-

XI

14: 02 20	1310		
	1524	214	
	3136	220	
	3356	43.4	-3.59
	1307		
	1528	213	354
	3140	242	
	3382	43.3	348
			24
	2164		Mean = -3.53
	2480	316	
	364	334	
	698	650	-2.68
			0
	2214		3.52
	2452	238	
	40.4	240	
14: 06 00	646	47.8	337

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1924phae.proj..637C

March 31 – 1924

XII

	Q		
14:12.40	2209		
	2475	266	
	384	264	
	648	530	-31,4
	2208		
	2468	260	-3.08
	886	298	
	684	558	-302
	B,		
	3147		Mean -331
	3358	211	
	1284	271	
	1558	481	336
	3142		
	3330	188	354
	1305	220	
14-16.20	1525	408	372

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1924phae.proj..697C

March 31- 1924

XIII

	B		
14 -2630	312,2		14
	3360	238	
	1266	286	
	1552	524	317
	3124		
	3382	258	-304
	1246	328	
	1574	586	-291
	a		
	~~324~~		Mean 3.14
	752	~~428~~	
	~~2084~~	~~458~~ see below	
	2542	886	
	406		
	620	214	
	2234	234	
~~14:30 15~~	2468	448	352
	378		324
	710	332	
	2208	240	
14 32 00	2448	572	297

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1924phae.proj..697C

March 31 — 1924

XIV

	a		
14 33.05	2200		
	2474	274	
	398	274	
	672	348	30.7
	2216		
	2434	218	325
	405	249	
	652	467	343
	B.		
	3118		
	3366	248	Mean = 322
	1299	234	
	1033	482	335
	3109		
	3363	254	320
	1248	299	
14 37.05	1547	553	304

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1924phae.proj..697C

March 31 – 1924

XV

	Pb.		
14.4403	3148		
	3394	246	
	1266	302	
	1568	548	268
	3142		
	3358	216	282
	1294	358	
	1552	574	296
	a		
	387		Mean = 293
	180	293	
	2202	246	
	2448	549	307
	348		304
	714	366	
	370	370	
48 / 14.49.20	740	736	239
	344		
	680		
	2224	336	
14,49.40	2452	228	
		564	300

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1924phae.proj..657C

March 31 — 1924

XVI

a

14:51'00	362		
	684	322	
	2192	254	
	2446	576	295
	368		
	688	320	288
	2188	292	
	2480	612	281

Pz

Mean 30.1

1272		
1555	283	
3155	217	
3372	500	32.7
1276		
1586	310	314
3116	252	
14-54-20 3368	562	301

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1924phae.proj..697C

Thursday April 3 - 1924

L L Hs

F L. 10c

12 - 36. SS Aurigae 060547 Est. 13.3

12 - 39. U Gem 074922 Est. 13.5 I

alcor 132155 Phot 5.

Sud A var dis

12, 48 15. 2155

2480 325

389 300

689 625

277

2174

2504 330 268

364 348

712 678 258

73.

mean = ~~374~~ 324

3144

3346 202

1326 208

1534 410 371

3123

3328 205 381

1328 170

12 50 31 1498 375 391

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1924phae.proj..657C

April 3 - 1924

B

12;53.45 1371 II

1564 193

3178 198

3376 39.1 -382

1388

1588 200 -366

3196 251

3447 43.1 -350

a

2182 Mean = -332

2568 386

422 346

768 73.2 240

2284

2510 226 298

472 215

12 57 20 687 44.1 355

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1924phae.proj..657C

April 3 – 1924

-a-

	2258		
13 08,18	2508	250	11
	44.9	29.9	
	708	50.9	-324
	2256		
	2522	266	-324
	46.4	244	
	708	51,0	-323
	3,58		Mean = -326
	3432	274	
	1343	285	
	1628	559	302
	3198		
	3402	204	328
	1342	240	
13 11 50	1582	444	354

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1924phae.proj..657C

April 3, 1924

B.

IV

13 28 40	3206		
	3408	202	
	1869	207	
	1576	409	−372
	3128		
	3453	325	−337
	1344	224	
	1578	559	−302
	-a		
	466		
	740	274	Mean = −324
	2248	304	
	2552	578	−294
	487		
	698	211	−311
	2282.	238	
13 29 40	2520	449	−328

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1924phae.proj..657C

April 3 - 1924

A -

13 37 20

47.7		
707	230	
2266	244	
2510	474	-339
47.2		
747	275	326
2254	284	
2538	559	302
B.		
1368		Mean = 311
1614	246	
3170	262	
3432	508	324
1300		
1620	320	302
3172	296	
13 40 50 3468	616	
		280

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1924phae.proj..697C

April 3, 1924

B.

13;58 00

1268		
1596	328	
3153	271	
3424	599	286
1324		
1610	286	304
3184	224	
3408	510	323

a

2268		
2552	284	Mean = 309
4918	325	
4743	609	283
2246		
2498	252	314
4744	210	
6842	462	345

13 ~~54~~45

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1924phae.proj..697C

April 3 - 1924

14 06:50	226.6-a		VII
	2516	250	
	455	268	
	718	518	322
	2248		
	2520	272	-324
	480	232	
	712	504	-325
	TB.		
	3164		
	3458	294	Mean 300
	1298	401	
	1699	693	-252
	3148		
	3434	286	276
	1338	280	
14-10:20	1618	566	299

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1924phae.proj..007C

April 3 - 1924

B

14 29-45 3169 — VIII

3458 — 289

1314 — 280

1094 — 56.9 — -298

3168

3426 — 258 — 316

1353 — 229

~~3158~~ — 487 — 333

1082

- a -

444 — Mean 323

728 — 284 — ~~Mean = 330~~

2268 — 270

2538 — 554 — 304 — ~~314~~

494

694 — ~~200~~ — ~~344~~

~~2286~~ — 186

14 2420 2472 — ~~386~~ — 385

~~2~~

2286 — ~~329~~ — 330

2496 — 210

488 — 232

14:2800 720 — 442 — 355

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1924phae.proj..657C

Apr 3 — 1924

a

14 31 00

2276
2488
485
692

212
207
419

−367

2219
2522
472
743

253
271
524

−342

−317

B

3184
3426
1320
1652

242
332
574

mean 330

3200
3409
1346
1610

14 34 00

209
264
473

−296
−318
−340

1924phae.proj..607C

Apr. 3/24

B

14:45:10	3164		
	3420	256	
	1320	274	
	1594	530	314
	3162		
	3426	264	303
	1312	320	
	1632	584	292

a

	432		Mean = −310
	770	340	
	2226	342	
	2568	682	257

Retaken below

	455		
	682	227	
	2256	250	
14 48 50	2506	477	338
	428		317
	702	274	
	2228	302	
14-50-00	2528	574	296

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1924phae.proj..657C

Monday April 14 1924

L.C. obs			H.C. rec.
13 17	Shaula	06 05 47	Est 132
18 18	γ Gem	07 49 22	Est 130
	2 Cancri	08 16 15	Photometer V.
	Ind 18	~~Comp~~ Comp'd Star	
13 33 0	2133		
	2669	536	
	268	680	
	948	1216	+116
	2072		
	2688	616	+110
	266	650	
	916	1266	+105
	α		Mean 142
	3056		
	3518	462	
	1264	452	
	1716	914	+188
	3046		
	3556	510	+174
	1220	318	
18 36 12	1738	1028	+159

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1924phae.proj..697C

April 14 — 1924

	R T. Hydra	082405)	Rhet T.
	Ind - B	Variable	Dec.
13; 4525	296		
	906	610	
	2089	619	
	2708	1229	-1.13
	296		
	926	630	-1.12
	2090	608	
	2698	1238	11.1
	- a -		
	1268		Mean = ±1.15 (8.60)
	1846	578	Magn = 7.45
	3006	608	
	3614	1186	-122
	1228		
	1804	576	-1.18
	3000	648	
13 49m	3648	1224	-1.14

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1924phae.proj..65C

April - 14. 1924

	alkor	132155	
	Ded d.	Vanish di	
13 5 8.00	2288		
	2517	229	
	477	223	
	700	452	-350
	2284		-358
	2500	216	
	492	204	
	696	420	366
	B		
	3182		Mean -345 =
	3410	228	
	1351	253	
	1604	481	-336
	3182		-332
	3428	246	
	1368	252	
14. 01 40	1620	498	328

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1924phae.proj..697C

April 1x – 192x

	B–		
14:09.50	3162		
	3441	279	
	1338	286	
	1624	565	-300
	3182		
	3408	226	-322
	1342	238	
	1580	464	-344
	-A-		
	484		Mean = -336
	694	210	
	2276	220	
	2496	430	361
	492		351
	708	216	
	2289	254	
14:13.10	2536	470	341

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1924phae.proj..65C

April - 14 - 1924.

a

14 20,30	492		III
	696	204	
	2289	225	
	2514	429	-361
	472		
	688	216	-362
	2280	209	
	2489	423	-363

-B-

	1356		mean -329
	1604	248	
	3180	262	
	3442	510	-323
	1314.		
	1632	318	-296
14,24,00	3132	328	
	3450	646	-269

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1924phae.proj.. 697C

April - 14 - 1924

	B			
14 32 30	1328			14
	1618	290		
	3158	271		
	3429	561	-301	
	1363			
	1593	230	-315	
	3156	262		
	3418	492	-331	
	a			
	2289		Mean = -330	
	2536	247		
	464	240		
	704	487	338	
	2289			
	2519	230	344	
	498	210		
14 35 45	708	440	-356	

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1924phae.proj..65C

April 14 - 1924

	A -			V
14 : 4200	2288			
	2528	240		
	472	229		
	701	469	- 341	
	2327			
	2494	167	- 360	
	479	230		
	709	397	379	
	B			
	3188			
	3432	244	Mean = -348	
	1327	277		
	1604	521	318	
	3162			
	3392	230	-338	
	1370	218		
1445-50	1588	448	-352	14

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1924phae.proj..607C

April – 14 – 1924

+	B.			VI
14; 5300	3183			
	3416	233		
	1332	294		
	1626	527	315	
	3204			
	3426	222	330	
	1352	241		
	1593	463	344	
	a			
	487			
	694	207	Mean = 334	
	2343	199		
	2502	406	374	
	476			
	769	293	338	
	2253	263		
14 5330	2518	558	302	

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1924phae.proj..657C

Wednesday April 16 1924

L C obs

13 - 02	S.S. Aurigae	060547	12 2	FC. mc
13 06	U Gem.	074922	11. 7	

Moon quite bright and very strong glare from fog & moisture in atmosphere.

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1924phae.proj..697C

April 16 – 1924

	alkor	132155	Phot T.	
	Ded 9.		var dec	
13 13-10	45 2			
	78 3	281		I
	2248	304		
	2552	585	+2,92	
	40 4			
	76 0	356	+272	
	2258	340		
	2598	696	+252	
	B		mean = +332	
	1375			
	1575	200		
	3208	170		
	2378	370	394	
	138.8			
	1574	186	392	
	3208	192		
13 17 20	3400	378	389	

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1924phae.proj..657C

April 16 - 1924

B

13 21 30 1384

1558	174	
3207	171	
3378	345	-4 10

1386		
1584	198	408
3207	181	
3388	379	389

-9-

Mean = 345

2233		
2574	341	
406	351	
757	692	253

3268		
2530	262	290
467	237	
704	499	328

13:24.45'

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1924phae.proj..697C

April - 16 - 1924

a

13 3450	2281		
	2533	252	
	450	244	
	694	49.6	3.29
	2266		
	2526	260	312
	435	320	
	755	58.0	294

B

	3198		
	3408	210	Mean = 329
	1340	256	
	1096	46.6	343
	3214		
	3407	193	346
	1346	262	
13 3845	1618	45.5	348

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1924phae.proj..657C

April - 16 - 1924.

IV

	~~373.~~			
13 5245	3200			
	3404	204		
	1358	268		
	1626	47.2	+340	
	3214			
	3404	190	+343	
	1336	270		
	1606	46.0	+346	
	-@-			
	430			+316
	754	324	Mean =	~~+288~~
	2233	367		
	2600	691	+254	
	459.		289	
	727	268		
	2274	240		
13 -5500	2514	50.8	324	

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1924phae.proj..697C

April – 16–1924

VI

	a			
14:24m0	409			
	722	313		
	2256	280		
	2536	593	+289	
	477			
	727	250		+304
	2262	268		
	2530	518	319	
	B.			
	1350		Mean = +318	
	1636	286		
	3200	211		
	3411	497	331	
	1336		332	
	1519	243		
	3180	242		
14:27m25	3422	485	334	

Observations very difficult
on cact of strong glare in sky
from moonlight & haze.

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1924phae.proj..657C

Wednesday April 23 - 1924

L b ob

15 - 35 U Gem. 574922 Est 132

R Coronæ 15 44 28 Rhot V.
Ind B Variable & Comp'd with 72.

15 39 - 30

1188		
1794	606	
2008.	331	
3559	115.7	-129
1216		
1784	568	-136
3009	321	
3530	108.9	144
a -		720
2128		mean -132
2706	578	588
308 -	628	
926	196	-120
2116		
2669	553	-128
2860	574	
15 42 30 854	127	136

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1924phae.proj..607C

Wednesday April 23 1924

	X Oph	183308	Comp'd with 7.3	
15: 4800	B.	Comp × dec	Phot. ☆	
	1808.0			
	1882	702		
	2898	810		
	3708	1512	+0558	
	1106			
	1869	763	+0558	
	2940	721		
	3661	1484	+061	
	a			730
	2074		Mean	666
	2778	704		796
	246	702		
	948	1406	+076	
	2040			
	2738	698	+073	
	227	737		
15-3500	964	1435	+070	

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1924phae.proj..657C

Saturday April 26 - 1924

C.C. obs

F.C. obs

~~ℓ Aurigæ~~

13 i 37 - U. Gem. 074922 134

Neptune

Ind B,

Phot T.

13 i 59 35

1022			
1944		922	
2818		896	
3714		1818	
		1782	+008
1098			
1930		832	-004
2844		904	
3748		1736	-012
~A~			
1907			Mean = +006
2802		895	
128		890	
1018		1785	-003
1824			
2858		1030	+016
118		959	
1077		1989	
		1611	+036

14 03 50

Comp ★ = ★ @ 9 h. 15 m. + 16.4 degrees

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1924phae.proj..637C

April 26 - 1924

	a		
14 07'20	1868		
	2858	990	
	8.2	1044	
	1126	2034	
		1566	+0.45
	1922		
	2838	916	+0.32
	118	982	
	1090	1898	
		1702	+0.19
	B		Mean = +0.20
	2862		
	3748	886	
	1028	909	
	1937	1795	−0.01
			+0.08
	2794		
	3768	974	
	1054	896	
14 11 00	1950	1870	+0.17
		1710	

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1924phae.proj..657C

Apr 26/24

B.

14: 2300

2768	
3798	1030
1022	926
1948	1956.
	1644
2828	
3556	9628
1068	846
1914	1474

+0.30

+0.12

−0.05

~~0.03~~

−a−

10.6	
1011	905
1910	988
2898	1893
	1707

Mean = +0.30

+0.17

26

1122

1818

14: 2645 2914

1096	
1106	
2202	
1398	

+0.48

+0.78

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1924phae.proj..687C

April 26 – 1924.

IV

	a		
	8.8		
14:43 30	1106	1018	
	1889	997	
	2886	2015	+0.41
		1578.5	
	149		+0.25
	1074	925	
	1972	924	
	2896	1849	+0.09
		1735.1	
	73.		Mean = +0.10
	1052		
	1940	888	
	2826	882	
	3708	1670	−0.25
	1032		∓0.00
	1920	888	
	2864	982	
14 46 00	3846	1870	
		1730	+013

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1924phae.proj..65C

April 26 - 1924

B-

14.59.20

95.0		
2022	1072	
2800.6	1014	
3820	2086	~~029~~
	1514	+055
1084		
1920	836	+013
2948	812	
3760	1648	-029

a

Mean = +0.19

1922		
2858	936	
178	842	
1010	1778	-004
1852		
2922	1070	+025
114	1010	
1124	2080	
	1520	+054

15° 02 40

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1924phae.proj..037C

April 26 — 1924 —

VI

	a		
15 08.45	1844		
	2948	1104	
	106	972	
	1078	2076	
		1524	+053
	1920		
	2858	938	
	168	919	+032
	1087	1857	
		1743	+011
	2838		
	3820	982	
	1018	958	Mean = +022
	1976	1940	
		1660	
	2834		+027
	3740	906	
	1040	890	+013
15 13.00	1930	1796	−.001

Obs. dec = +14.5

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1924phae.proj..65C

Thursday May 1 — 1924

G.M.T.

h m s

F F b R

S S Cirrigoa 060547

12:54 — ℓ Gem 074922 Est 130

Neptune Same Comp ✱ as on Apr. 26.

Used —

12:58 — 2788 Rep. dist

3770 982

1106 982

1988 1964

1634 +031

2860

3740 880 +10

1036 858

1894 1738 −012

118 Mean = +0.31

1084 966

1902 980

2882 1946

1654 −028

0051

1094 1043 +032

1884 1154

13 −0110 2938 2197

1403 +077

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1924phae.proj..057C

mar

G.M.T. May 1, 1924

	Sud	Neptune	Comp ✱ dif -	
13 59 05	2889			
	3698	809		
	1164	798		
	1902	1607		+037
	2894			
	3722	828		+034
	1088	804		
	1892	1632		+032
	9.4			Mean = +035
	1030	936		
	1910	991		
	2901	1927		
		1673		- 024
	25 5			
	971	716		+ 026
	2014	820		018
13 12 20	2834	1536		+050

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1924phae.proj..65C

May – 1 – 1924.

Ind. B.

13 18:40	22.2		
	1021	799	
	2002	822	
	2824	1621	+034
	9.8		
	1086	988	−003
	1858	1024	
	2912	2012	
		158·8	−040

Ind A.

	~~3192~~		Mean = +0.10
	2800		
	3751	951	
	1127	835	
	1962	1786	+003
	~~2902~~		
	3688	786	+022
	1112	804	
13 22 30	1916	1590	+040.

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1924phae.proj..697C

May 1–192X

	a	Neptune		IK
13 28 40	2937			
	3708	774		
	1074	844		
	1918	1618	+035	
	2870			
	3746	876	~~+032~~	+022
	1078	872		
	1950	1748	+010	
	B.			
	128		Mean = +016	
	1012	884		
	1950	818		
	2768	1702	+019	
	174			
	1028	954	010	
	1969	833		
13 32 20	2802	1787	+002	

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May 1 — 1924

Sud 02

V

18 13 00	210		
	1010	800	
	1968	728	
	2796	1528	+0.52
	164		+0.24
	1094	930	
	1922	886	
	2808	1816	−0.03
	−a−	178.4	
	2849		Mean = +0.21
	3736	887	
	1064	838	
	1922	1745	+0.10
	2878		
	3728	850	+0.18
	1114	815	
13 46 15	1924	1660	+0.27

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1924phae.proj..697C

May — 1924

2nd a Neptune

VI

13°44'40	2914		
	3728	814	
	1114	788	
	1902	1602	+0.38
	2833		
	3698	863	+0.27
	1056	850	1
	1906	1713	+0.16
	13		
	98		Mean = +0.20
	1048	950	
	1972	950	
	2922	1900	
		1900.0	−0.19
	214		
	954	740	+0.12
	1998	841	
13 48'.00	2839	1581	+0.42

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1924phae.proj..657C

May 1 - 1924

	-B-		
13 32 35	164		VII
	988	824	
	1992	816	
	2808	1640	+030
	170		
	1052	882	
	1936	975	
	2911	1857	+010
		1743	
	2914		-011
	3722	808	Mean +024
	1096	830	
	1926	1638	+031
	2892		+038
	3594	702	
	1078	855	
13 36 05	1933	1557	+046

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1924phae.proj.-697C

May 1-1924

G.M.T.

Neptune

VIII

i	α				
14 0220	2	87	4		
	3	72	4	850	
	1	11	6	780	
	1	89	6	1630	+032
	2	92	2		
	3	73	3	811	+042
	1	17	9	719	
	1	89	8	1530	+052
	β				
	1	4.8			Mean +.030
	9	92		844	
	1	94	2	892	
	2	83	4	1736	012
	1	4	4		
	9	8	3	839	018
	2	00	8	836	
14 0545	2	84	4	1675	024

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1924phae.proj..65C

May + 1924

14: 19 20

— B —

18.4		
956	772	
2013	820	
2833	1592	+040
172		
1062	990	+019
1986	822	
2808	1812	
a	1788	— 002
1664		
1896	832	Mean = +020
2907	817	
3724	1649	+029
1048		
1931	883	+21
2879	848	
14 22 45 3727	1731	+013

IX

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1924phae.proj..697C

May 1–1924

a Neptune X

14 34.45	1092		
	1870	778	
	2912	872	
	3784	1650	+029
	1079		
	1855	776	+030
	2855	857	
	3712	1633	+032
	B		
	1968		
	2778	810	Mean +15
	179	945	
	1024	1755	+008
	1968		
	2826	858	−000
	154	978	
14 38.00	1032	1836	−007

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1924phae.proj..65C

(Mon) May 26-1924

~~Arcturus~~ 6" Port.

G.M.T.

+44.178

+44.178 decidedly brighter than 1785

est (1) 3 (2) 5 (3) 3 (4)

15.10

*1 = +44.178 (7.5)
*2 = +43.1847 (7.2)
*3 = +44.1785 (8.0)
*4 = +44.1783 (8.4)

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1924phae.proj..697C

Monday June 2 6 9 — 1924

L C Co RU Cor. 153126 F. 6 red.

Comp * = +26° 27 03

13. Star rather faint for Phot
Cut not try Phot Tr.

13. Too many clouds.

Sky too Cloudy for any
13-50- further Observations.

Should rem 9 Saturn Ed
Dav to Jupiter & Moon Cannon
earlier in Evening.

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1924phae.proj..657C

Tuesday June 10 - 1924

L b ob

T.C. rec.

Comp *'s for B.D. Cygni
Star X mik C.
A has a fair companion close by

14. < 2330

B	X dis
1274	
1733	459
3006	460
3466	919

1287	
1692	405
3048	470
3518	875

D

~~Stars Desired~~
Lat Stars in Photometer

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1924phae.proj..6XC

Monday June 16 - 1924

L

FC rec

	~~δ χ Herc~~ dud	~~160325~~	
13			
13:40	R Ψ Herc	160625	Est 9.9
	δ χ Herc	160325	δ Shot T.
	dud B.		
13·42.	17.2	Variable Stars	
	1100	828	
	1955	950	
	2805	1778	-004
	188		
	1502	814	-021
	2022	786	
	2808	1600	-038
	a		
	117.7		Mean = 900
	1787	619	676
	3006	540	824
	3546	1150	120
	120.0		130
	1788	588	
	1968	565	120
13-46	3533	1153	

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1924phae.proj..657C

June 16 - 1924

	U V Drac.	144156	Phot T.
	Lud 13		
15-00-	1902	Var di	
	2861	959	
	155	980	
	1135	1939	~~1661~~
		1661	+026
	1904		
	2868	964	
	72	1006	+029
	1078	1970	
		1630	+032
	a		
	2879		mean +002
	3728	849	
	1048	849	
	1897	1698	-019
	2862		
	3698	836	-024
	1086	812	
14 04 00	1898	1648	-029

Full moon too bright
to continue to further
advantage

14:25

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1924phae.proj..057C

Wed 2 June 18/1924

12" Polar E.C. Obs.

at Cyrus 19 27 45

Obs T

	B			
14 14.0	115.0	Van dis		
	183.3	683		
	295.6	67.0		
	362.6	135.3	- 087	
	114.0		0.9 d	
	180.0	660	—	
	2[illegible]60	658		
	3598	131.8	— 0.9 4	
	a		Mean = 0.52	
	194.9			
	280 4	855		
	15.9	864		
	102.3	1719	— 0.15	
	193.2		- 0.10	
	281.2	880		
	17.2	900		
14 18 5	107.2	1780	- 0.04	

14 35 Too much haze & clod to continue.

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1924phae.proj..657C

June 8/24

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1924phae.proj..687C

Tues. June 24, 1924

L. C. Obs.	12" Polar		L. C. Jr. Ass.
14:52:20	S. Aquilae	200715a	~~Est~~ est 10.8
	Measures of comp. stars.		
~~14-~~	24.8	8.1 dis.	Photo A.
	25.7		
14-58-58	26.2		8.1 with No. 2
	24.9		
	101.6 =	22.89 mean	1.77
	30.4	8.1 with no. 3	
	30.0	8.1 dis	
15-1-50	29.8		
	28.9		
	119.1 =	29.8 mean	2.52
	37.4	8.1 with no. 4 5	
	37.6	8.1 dis	
15-4-14	37.5		
	36.9		
	149.4 =	37.3 mean	3.35
	32.4	8.1 with No. 1	
	31.2	8.1 dis	
15-6-29	30.8		
	31.4		
	125.8 =	31.4 mean	2.71

Visual estimates in order of brightness
(4) 5(3) 3(1) 6 (2).

Star No. 1 is probably intended for star
Star M marked 11th. magnitude.

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1924phae.proj..657C

June 24, 1924.

L. C. Obs. L. C. Jr. Rec.

Var. with 9.4.

9.4 the brighter

Phot. A

9.4 dis

	16.6		
	16.8		
15-18-35	16.0		
	16.2		
	16.4 = mean		1.07

9.4 with 10.6

9.4 dis

	18.2		
	15.8		
15-15-27	15.7		
	15.9		1.10
	65.6 =	16.6 = mean	

Star 1 with x.

x = brighter

x dis.

~~X~~	24.8		
	24.0		
15-18-15	26.0		
	26.8		2.06
	101.6	~~25.9~~ 25.4 = mean	

15-20- S. S. Cygni 213843 Est. 9.2

measured with 8.5

Phot A.

8.5 dis

	10.0		
	8.8		
15-23-45	8.4		
	8.2		3.17
	35.4	8.8 = mean	8.5
			11.7

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1924phae.proj. 687C

Monday June 30 - 1924

2 Cdo Comps * for R Cygni Phot T. ℓ 7 Cnc

X with variable X dis

16-07

	1224		
	1767	543	
	3062	431	
	3513	99.4	+1.67
	1200		+1.62
	1750	550	
	3017	489	
	3506	103.9	−1.56
	a		
	2087		+1.44
	2678	591	8.97
	340	560	10.41
	900	1151	1.30
	2077		+1.26
	2692	615	
	366	567	
16 10	733	1182	1.23

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1924phae.proj..657C

June 30.

		X with B	X dev	
	A			
16 - 12	2055			
	2688	633		
	356	544		
	900	1177		1.24
	2096			1.28
	2648	552		
	306	590		
	896	1142		1.32
	B			
	3050		Mean =	1.50
	3524	474		
	1264	469		
	1733	943		1.80
	2998			1.74
	3574	576		
	1282	446		
	1728	992		1.68

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1924phae.proj..697C

June 30 -

	V and B.	y	y dis	
16 20	2074			
	2754	680		
	224	750		
	974	1430		071
	2004			
	2749	745		66
	255	782		
	98.7	1477		062
	a			
	3024			
	3614	590		
	1200	568		mean 093
	1768	1158		129
	2970			120
	3633	663		
	1201	569		
16 23	1770	1232		112

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1924phae.proj..65C

June 30 1924

y mik -a-	a y dis	
1272		
1704	432	
3052	454	
3506	886	1.95
1274		1.91
1744	470	
3048	446	
3494	916	1.87

B Mean = 1.76

2114		
2594	480	
3272	552	
3746	1032	1.72
2114		1.62
2624	510	
3600	484	
3844	994	1.67

16 34

16 55 SS Cygni 713843 Est 9.6

Bdhend by clouds

16:30 GE = 1438 G.M.T.

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1924phae.proj.-087C

Thursday July 17-1924 (3984)

L b h				ft. Grec.
13-40.	δ Cygni	213843	Est g var	11.8
	δ Aquilae	200715^a	Est. ~~b~~	10.3
	Est g (λ^5)	comp	$\times^5$ (λ^2) 6	(3) 4- (1)5
	(5)	(10,6)	5	(1)
	Nova Aqu.	184300	Est.	~~10.3~~ 10.5-
	R U Her	160625-	Est.	9.6
	S X Her	160325-	Phot 17.	
14:06	Sud B.	comp	× dec	
	98.2			
	1940	958		
	2942	736		
	3678	1694	+021	
	1089			
	1930	841	+017	
	2814	884	+014	
	3698	1723		
	a.			g 5
	1936		mean	= +022
	2780	844		g 22
	174	800		
	974	1644	+030	
	2054			
	2846	842	+028	
	206			
14:21	1033	827	+025-	
		1669		

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1924phae.proj..65C

Friday July 18 - 1924

Phot. obs

Fld. rec,

Sk Cygni 213843 ✓ Clouds in region now.

13 30 — " " Est 11.9

no 3

Nova Aquilae 184300

Too many clouds in this region.

Nova Aquilae 184300. Phot A. 8.6 scale 9.9

8.6 in wedge

18. 8

13 55 19 0

18 4

16 9

4)173.1

182

68 ← nova + 9.9

13 57 54

6.7

68

4)257

64

214.6 9.9 + star 1 - 9.9 brighter

14 03 244

228

224

4)944.2

2.35

20.0 -86 + Gamma. - 8.6 brighter disc

14 07 298

274

288

4)1160

29.0

Clouds practically the whole sky

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1924phae.proj..0670

Saturday July 19 - 1924.

L 6 bo.

F C. rec.

B.R. beyond 1938 46 Phot. A.
225 X with Y.
17-55 233
224 y the brighter & dec.
221
4)903
225

11.7 B & with D. B brighter & dec-
1400 108
112
107
4)444
111

100 Variable & B. var dec
14-02 88
110
108
4)406
101

~~448~~ B. with A. B. dec.
1406 144
148
152
~~132~~
4)583
145

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1924phae.proj..65

July 1919 24

B n N

9.4
14 – 11 9.2
9 8
8 9
4|37 3
9 3

R. mch f. R bright: dis.
meteor shot thru field
@ 14 10
9th mag

16.0
14 – 15 12 8
13 4
15 8
4|58 0
14 5

– B mch f. B rather faint
star close by –
B dis.

Est & comp ×
a 7 b 4.d 3 n 5 E 1 f.

14 30. Sagittarii 213843 Est. 11.8

R Cor Bor. 154426 Phot. P.

1437. 2 3.4
8 7 7
2120
2672
26.3
8 7 6
2068
2682

643
452
1095 –1.43

613
514
1127 –136

– 140

var comp'd mch 7. n
var dis.

1276
1684
3098
3498

408
400
808

–217

1352
1717
3042
3518

365
476
841

–212

–208

Mean 720
–176
544

14 41

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1924phae.proj...0570

July - 19 - 1924.

	a Ophiuchi	192745	Phot @
	118		Variable brighter + dim
14 50	112		
	118		
	110		
	4458		
	114		
	-B-		
14. 53.	201.8		Phot B. variable dim.
	2804	786	
	11.8	910	
	1028	1696	-020
	1920		
	2838	918	-0.04
	8.4	945	
	1029	1863	
		1137	+012
	-a-		
	2792		Mean = +0.15
	3847	1055	
	1058	888	
	1946	1943	
		1657	+027
	2769		
	3782	1013	
	1038	900	+034
14.35	1938	1913	
		1567	+041

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1924phae.proj..65C

Wednesday July 23/24

Yb do

13: S. Aql 20 07 15[a] Est. 7 sequence (2) (2) 6 (3) 5. (1) 5. (5)

note: - on previous nights figures 2 & 5 confounded.

Make corresponding changes in these previous records.

(9.4) 6 z. 4 (10.6) 0 variable 13
- 5. (1)

S Cygni 2 18 48 6. Est. 11.8

B R Cygni 19 39 46
Est. 7 sequence a 8 b b 6 d 3 r 13
3 e 4 f

Phot a-

7.8 B with d b brighter
13 - 48 6.6
6.8
8 2
4 2 9 1 4
7 3

12.5- b with var var brighter
13 - 50 10 0
10 4
12 1
4 4 5 8
1 1 2

var to 2d var brighter 1

6.9
13 - 52 58
49
48
4 224 5.6

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1924phae.proj...0570

July 23 - 1924

BQ Aqui

	88	b + n. b. bright
13 54	84	
	98	
	104	
	4|374	
	93	
	760	b with ε - b bright
13, 55	170	
	168	
	159	
	4|657	
	164	
	30,2	x with ε x bright
13.58	300	
	298	
	300	
	4|1200	
	300	
	21,6	x + y - y bright
14 00	188	
	204	
	208	
	4|816	
	204	
	27.9	y with a y bright
14. 02	268	
	260	
	270	
	4|1077	
	269	

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1924phae.proj..65C

July 23/24

BRGyg a mik f- a brighter

14:05 308
300
307
300
4)1212
303

12.2 b. mik f. b. brighter

14:07 119
128
132
4)501
125

14:21 R U Herc. 160625 Est 9.9

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1924phae.proj..0370

July 23. 1924.

	S Herc.	160325	Phot S.
14:24	Sud B		Comp * Dec.
	290.0		
	3684	784	
	1130	786	
	1916	1570	+0.44
	296.6		
	3648	682	+070
	1172	634	
	1806	131.6	+095
	Sud a		Mean = +090 039
	17.2		939
	105.2	880	
	1896	900	
	2796	1780	+004
	165		
	1052	887	
	1933	951	−002
14 27	2884	1838	
		1762	+007

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1924phae.proj..65r

July 23 - 1924

~~Phot F.~~

qq Cor. 153126

~~Ind B.~~ ~~Comp * dim~~

Phot A.

13.6

14,42 120 comp * bright

140

132

~~4~~ 528

132

~~Comp *~~

Too Faint for Photometer F,

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1924phae.proj..0670

L C ds Friday August 15-1924 FC rec.

12:50	δ Cygni	213843	Est 11-6
13:05 00	RU Herc	160625	Est 10.2
	S.K. Herc	160325	Phot I.
	B.	Variable Lib.	
13 0630	196.6		
	2876	910	
	180	898	
	1078	1808	
		1792	+ 002
	196.0		
	2866	906	
	188	912	+ 002
	1100	1818	
		1782	+ 003
	a		
	1072		Mean = 9-0
	1884	812	-026
	2884	804	874
	3688	1616	-035
	1140		
	1812	672	-055
	2939	741	
13 1035	3680	1413	075

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1924phae.proj..65C

August 25 - 1924

A. F. Cygni 192745
B. Phot 7.

13:27 35

110	variable deb.	
1044	934	
1920	938	
2868	1872	
	1728	+ 014
5.5		
1055	1000	
1830	1088	+034
2918	2088	
	1512	+ 055
a		
1872		
2628	756	Mean = + 020
166	1006	
1172	1762	- 007
1922		
2868	946	
149	949	+ 006
1098	1895	
	1705	+ 018

11 3 30:50

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1924phae.proj..687

August- 15 1924

R. U. Cor. 153126
Not possible to measure with
photometer ; moon too bright.

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1924phae.proj..65C

Lat. Aug 16 - 1924

FT. Cree.

L C. C.				
12 53 50	SS Cygni	213843	Est 11,8	
	BR Cygni	193846	Phot R.	I
	B.	Var. des		
12 59 30	3938			
	4092	754		
	1458	780		
	2238	1534	-051	
	2322			
	4122	800	-049	
	1518	736		
	2274	1536	-047	
	-a-			
	2422		Mean = -046	
	3200	778		
	581.	830		
	1411	1608	-037	
	2400			
	3200	800	-044	
	636	738		
13 03 12	1374	1538	-050	

Comp x = x C

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1924phae.proj..637C

Aug. 16 - 24

	a			
13; 28. 15	2544			II
	3190	646		
	702	660		
	1362	1306	-097	
	2484			
	3118	634	-094	
	644	704		
	1348	1338	-090	
	B			

Clouds obscure region.

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1924phae.proj..657C

August 16 — 1924

13 57 00 Nova Aqu. 18430 Est 108 Phot T.
Comp'd with 63.

	B	Comp*	dis.	
13 5 8 35	138.4			
	1584	200		
	3182	176		
	3358	37.6		+39.1
	1422			
	1566	144		+412
	3198	166		
	3364	31.0		+433

	A		
	2205		Mean = +407
	2464	159	
	5 03	187	
	690.	346	+409
	2296		
	2484	188	+392
	486	218	
17 02 30	704	406	+374

Moon bright — considerable haze but observation considered good —

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1924phae.proj..657C

Tues. Aug 19, 1924

L.C. Obs. (2") Polar FTC Rec

13:14 28. Illyg ni 213843 - Est. 1.9 √

Nova Agl. #184300 Phot I. Compd with 63
Ind 2 B. Comp. Star Dec.

13. 23.00	~~220~~.8		
	3355	147	
	1412	148	
	1555	290	-4.48
	~~32~~0.0		
	3358	158	-432
	1398	176	
	1574	334	4.17
	-A-		
	518		Mean = -40.0
	710	192	
	2264	220	
	2484	412	-370
	488.4		
	710	226	-3.69
	2298	190	
13 27.05	2488	416	-368

Double star fragmentary
thin nebula Sept. -
Needs to be continued

Sky ~~sky~~ somewhat hazy - but
extreme care used in making
measures.

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1924phae.proj..65C

~~August 19 - 1924~~
Thursday Aug 21 - 1924

~~12.5~~ 13.50	δ Cygni	2138+B.	Est 11.9
	Nova Aql.	18430	Compd and 6-3 Phot 5.
	IND. B	Comp * dis	
13.~~23~~ 45	3244		
	3377	133	
	1394	144	
	1538	27.7	-458
	3212		
	3364	152	-433
	1378	196	
	1574	348	-408
	a		
	2274		Mean -408
	2508	234	
	480.	194	
	674	428	-362
	2300		
	2474	174	-382
13-0855	51.0	168	
	678	342	-412

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1924phae.proj..657C

Aug. 21 – 1924

	δ X Herc.	160325		Plot 5.
	Ind – B		variable dis.	
13;13 30	18.8			
	984	776		
	2002	792		
	2794	1568	-044	
	117			
	1077	960	– 012	
	1922	940		
	2862	1900	+ 019	
		1700		
	a			
	~~1600~~		mean =	– 9.00 / 0.47 / 8.53
	2986			
	3655	669		
	1110	812		
	1922	1481	-061	
	2998			
	3624	626	-082	
	1138	656		
13	1800 1784	1282	-102	

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1924phae.proj...657

August 21 – 1924

R Lyrae

R Variable dis

Phot. V.

I

3 29.30	2186		
	2584	298	
	370	404	
	774	792	−25⁻0
	2166		
	2568	402	−230
	372	426	
	798	828	−211
	−R−		
	3144		Mean = −264
	2424	280	
	1338	280	
	1618	560	−302
	3144		
	3462	318	−2.98
	1359	209	
3 33.05	1618	577	−2.95

Comp * = * @ 1851 + 44.3 (1855)

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1924phae.proj..0370

August 21 — 1924

	A		
B-3945	3140		
	3440	300	
	1332	320	
	1652	620	-279
	3159		
	3439	280	-299
	1362	238	
	1600	518	-319
	B		
	396		Mean = -272
	790	394	
	2204	258	
	2562	652	-267
	400		
	800	400	-244
	2191	293	
134240	2584	793	-222

II

Too cloudy for further observations.

considerable number of clouds around.

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1924phae.proj..657C

Wednesday Aug 27 1924

Lobs

12 - 46. SS Cygni 213.843 Est 11.5 F. See

BR Cygni 193846 8 Phot

	-B		comp + dis - comp + =
12: 54 00	1294		
	1672	378	
	3106	366	
	3472	744	+2,36
	1320		
	1632	312	+248
	3136	362	
	3498	674	+259

a		
		204
2164		mean = ~~+407~~
2648	484	
3434	330	
8744	1014	+162
2104		
2644	540	+159
3732	300	
12 58 30 8772	1040	+156

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1924phae.proj..697C

- Aug. 27 - 1924 -

~ a ~

13 10 30 211.4

2614 500

356 436

812 936 +177

2178

2655 477 +179

384 464

848 941 +181

~ B ~

3122

3464 342 Mean = +214

1344 330

1674 672 +260

3114

3498 384 +250

1318 346

13 15 10 1664 730 +241

H

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1924phae.proj..65C

Aug 27 - 1924

B

13:22 30	210.0		
	3484	384	
	1306	338	
	1644	722	+243
	3092		
	3484	392	+244
	1340	328	
	1668	720	+244

A

	368		Mean = +225
	788	420	
	2179	441	
	2620	861	+202
	400		
	798	398	+206
	2168	430	
13:28 20	2598	828	+211

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1924phae.proj.:637C

Aug 27 - 1924

IIII.

	a		
13 34:45	400		
	784	384	
	2162	436	
	2598	820	+214
	376		
	850	474	+197
	2152	512	
	2664	986	+169
	B		
	1312		
	1658	346	Mean = +213
	3114	384	
	3498	730	+241
	1274		
	1656	382	+234
	3108	394	
13:38:40	3502	776	+2,27

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1924phae.proj..65C

August 27 – 1924

B

14:20

Region –

out –

of –

field –

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1924phae.proj..037C

Thursday Aug 28–1924

obs L.C.			red F.C.
13 0	δ Cygni	213843	Est. 11.0 ✓
	β Cygni	193846	Photometer 6
	~~2980~~ 3		Comp* des.
13:13:50	2980		
	3548	568	I
	1189	605	
	1794	1173	+125
	3014		
	3506	492	158
	1302	414	
	1716	906	+190
	@		
	28.4		mean = +1.22
	962	678	
	2130	596	
	2726	1274	+103
	25.5		
	966	711	+086
	2048	736	
13 17 20	2784	1447	068

Troubled by clouds in second set of above
Same comp* on last ~~night~~.

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1924phae.proj..65C

Aug 28 – 1924

a

13 24:30 296 II

944 648

2016 764

2780 141.2 +075

262

920 658 +084

2055 671

2726 1329 +092

B

1256

1768 512 Mean ± = 1.15

3074 476

3550 98.8 +169

1172

1786 614 +146

3013 575

13 28 00 3588 1189 +122

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1924phae.proj..0670

August 28 - 1924 —

SK Her 160325 Phot E.

13 38 22 B variable ds

2026
2820 794
218 760
978 1534 −047

1974
2772 798 −053
268 696
964 1494 −059

a
3056
2536 480 mean 900/120
1290 412 7.8°
1702 892 −194

2070
3564 494 −1.88
1274 446
13 42 05 1720 940 −1.81

I

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1924phae.proj..65C

Aug 28 — 1924

	a			II
13 46 15	300.4			
	3584	580		
	126.8	474		
	1742	1054	153	
	3014		150	
	3533	541	1~~65~~	
	1228	540		
	1768	1081	146	
	B			
	210			
	1018	808	Mean =	910 / 105
	1962	788		795
	2750	1596	039	
	282			
	904	622	069	
	2028	672		
13 49 40	2700	1294	099	

RX Herc 11.0 16h 06m 25s

13. 54 α Aql 2 13843 Est. 1.0

1924phae.proj.-637C

Thursday Sept 4 — 1924

12.40	δ Cygni	218843	Est 8.2	✓
	BR Cygni	193846	Photometer F.	
	Sid 43.		Comp. X Dec.	
12.50.00	3094			I
	3548	454		
	1296	402		
	1698	856	+2.03	
	3132			
	3456	324	+2.27	
	1310	376		
	1686	700	+2.51	
	a			
	36.6		Mean = +1.98	
	846	480		
	216.7	45.0		
	2622	93.5	+182	
	37.8			
	867	489	+1.70	
	2133	541		
12.54.00	2674	1030	+1.58	

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1924phae.proj..657C

~~August~~ Sept. 4/24

	-A-			
13 01.20	388			II
	81.2	424		
	2150	474		
	2624	898	+192	
	2169		188	
	2632	463		
	37.1	462	+185	
	833	925		
	-B-			
	311.2			
	3474	362	Mean = +2.21	
	1308	392		
	1700	754	274	
				254
	2102			
	3496	304	233	
	1310	328		
13-06.50	1628	632		

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1924phae.proj.-.637C

Sept 4 – 1924.

	-B-			
13:19 30	3098			III
	3474	376		
	1300	336		
	1656	73.2	+2,40	
	3143			
	3455	312	+2,62	
	1347	297		
	1644	60.9	+283	
	a –			
	414			
	770	356	mean +2.40	
	2174	437		
	2611	78.3	+225	
	36.7			
	770	403	+218	
	2184	430		
13:24 00	2614	8.33	+210	

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1924phae.proj..65C

Sept 4 — 1924

	a		
13:37 30	41.7		
	792	375	
	216.1	425	
	2586	800	+219
	424		
	768	344	+229
	2184	393	
	2577	737	+239
	-B-		
	2372		
	1634	262	Mean = +240
	3094	354	
	3448	616	+250
	1304		
	1644	340	+251
	2085	451	
13: 42:15	3436	791	+222

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1924phae.proj..687C

Sept 4, 1924

V

B

B 48.00 1315
1645 330
3094 394
3488 724 +243

1322
1632 310 +252
3115 360
3475 670 +261

Q

2212 Mean = +232
2621 409
4000 372
7722 781 +225

2148
2598 450 +212
3922 420 200
13:5215 8122 870 T ~~773~~

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1924phae.proj..65C

Sept. 4 + 1924

A.

14;23.05	2147		VI
	2594	430	
	346	336	
	876	980	+171
	2160		
	2614	454	++84
	392	422	
	814	876	+198

B

	~~3198~~		
	3433	335	mean +210
	1326	330	
	1676	685	+256
	3062		
	3462	400	+236
	1269	410	
14 27 00	1679	810	+217

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1924phae.proj..687C

Saturday Sept. 6 - 1924

√ A C. nic.

L b. Lo.

12:30 δ Lyrae 213848 Est. 8.4

B

BR Lyrae 193846 Photometer F,

Std.

12:35:35 306.4 Comp + Lo

3528 464

1274 458

1732 922 +186. I

2946

3580 634 +1.58

1237 511

1748 1145 +131

a

#58 Mean = +1.19

1012 834

2036 696

2732 1530 +0.48

272

972 700

2133 532

12 3925 2665 1232 +1.12

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1924phae.proj..657C

Sept 6 - /24

a

12: 42 00

	2080		II
	2728	648	
	328	5-01	
	829	114.9	+131
	2020		
	2724	704	+106
	248	684	
	932	138.8	+080

B

	3048		
	3532	484	Mean 132
	1169	610	
	1779	1094	+143
	3048.		
	3507	459	+15-9
	1222	5-05-	
12 46 00	1127	964	+1,75-

12

12

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1924phae.proj..687C

Sept 6 /24

	8 X Hue	160325	
	Sud. B.		Phot T.
12:50:40	20.0		Vel. Dis.
	952	73.2	
	2014	692	
	2706	144.4	-069
	144		-038
	1062	918	
	1964	850	
	2814	1768	-006
	a-		
	1202		Mean = ± 900
	1774	572	090
	2979	621	810
	3600	1193	-121
	1274		
	1734	460	-142
	3016	548	
12:5430	3564	1008	-164

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1924phae.proj..657C

— Sept 6 — 1924 —

a. F. Leygni 192745

12 to 30 →

Sad. B.

Photometer F.

Var dia

	2.6		
	1133	1007	
	1824	1070	
	2894	2077	+0.53
		1523	
	2.2		
	1104	1082	+0.56
	1855	1029	
	2884	2101	
		1499	+0.57
	-a-		
	2838		mean = +0.1A
	3710	872	
	1096	784	
	1880	1656	-027
	~~2808~~		
	3698	890	-019
	1036	850	
1304.0	1886	1740	-011

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1924phae.proj..687C

Sept 6/24

	Nova eql. Sud B	8×30	Plot comp ✱	T. Ins
13.09.15	1410			
	1594	184		
	3208	136		
	3344	32.0	+426	
	1370			
	1558	188	+422	
	3204	144		
	3348	-332	+418	
	-a-			
	2304			
	2472	168		Mean = +401
	472	206		
	678	37.4	+39.2	
	2286			
	2498	212	~~+380~~	
	478	206		
13.13.25	684	41.8	+367	

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Sept. 6 – 1924

	R. Lyrae	185343	Photometer F.
	Ed. B.		Variable Eye
13:25 00	2212		
	2564	352	I
	404	360	
	764	71.2	−24.7
	2202		
	2586	884	−232
	388	420	
	808	80.4	−2.18
	a		
	3170		
	3418	248	Mean = −2.75
	1344	278	
	1622	526	−316
			~~2~~
	~~3164~~		
	3128		−3.18
	3414	286	
	1384	231	
13 29 15	1615	51.7	−320

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Sept 6/1924

	a			
13 32.10	3174			II
	3374	200		
	1368	231		
	1619	431	-350	
	3136			
	3420	284	-320	
	1316	306		
	1622	590	-290	
	- B -			
	3555			
	814	439	Mean = -262	
	2194	422		
	2616	861	-196	
	366			
	804	438	-204	
	2192	392		
	2584	830	-211	
13 35.30				

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Left - 6 - 1924

(B)

13 53,20	324		III
	814	490	
	2178	401	
	2599	891	-1,94
	315		
	785	410	-203
	2176	416	
	2592	826	-212
	-A-		
	1354		
	1632	278	Mean -268
	3154	244	
	3398	522	-317
	1394		
	1606	212	-334
	3176	238	
13 56 20	3408	450	-351

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Sept-6-1924.

	a			IIII.
14 09 00	133.8			
	1605	267		
	3175	211		
	3386	478	-3.37	
	1368			
	1622	254	-334	
	3164	296		
	3460	490	-332	
	-B-			
	379			
	809	430	Mean = -2.75	
	2142	440		
	2582	870		
			-200	
	403			
	773	370	-216	
	2189	385		
14 13 10	2574	755	-233	

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1924phae.proj..65C

Sept. 6 – 1924

	B.		V
14. 22:30	355		
	785	430	
	2175	377	
	2552	80.7	-2.17
	385		
	798	413	209
	2166	452	
	2618	86.5	201
	a		
	1370		
	1609	239	Mean 2.80
	3162	248	
	3410	487	.333
	1388		
	1598	210	3.50
	3174	210	
14 25:30	3384	420	3.66

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1924phae.proj..657C

Sept 6 - 1924

	a			VI
14:27 01	138 2			
	161 8	236		
	315 5	237		
	339 2	473	-340	
	1350			
	1648	298	-322	
	3164	255		
	3419	553	-304	
	-B-			
	3192		Mean = -274	
	2598	406		
	433	351		
	784	757	-232	
	2200			
	2588	388	-225	
	379	409		
14:30 45	788	797	-220	

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1924phae.proj..65

Wednesday Sept 10 / 1924

Obs

12 25-	Hlygni	213843.	Est 9.0	
12:43:10	B Cygni	193846		
	B	Comp		
	1212			
	1714	502		
	3014	575		
	3589	771	+2.26	
	1248			
	1737	489	+206	
	3070	430		
	3500	91.9	+186	
	a			
	2098		Mean = +162	
	2708	610		
	270	662		
	932	1272	+104	
	2098			
	2698	600	+119	
	295-	533		
12 47 30	828	113.3	+134	

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1924phae.proj...657C

Sept 10–/24

II

	a		
12:50:30	218.0		
	2716	636	
	29.0	626	
	916	126.2	+1.06
	2039		
	2740	707	+100
	287	605	
	892	131.2	+095
	-78-		
	2951		Mean ± 128
	3608	657	
	1172	580	
	1752	1237	+111
	3089		+155
	3544	455	
	1289	418	
12 34 10	1707	873	+199

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1924phae.proj..65C

Sept 10/24

	-B-			III
12:57:10	3048			
	3509	461		
	1282	416		
	1698	877	+198	
	3006			
	3534	528	+178	
	1240	507		
	1747	1035	+157	
				137
	a		mean = + ~~138~~	
	261			
	967	706		
	2018	718		
	2736	1424	+073	
	3011-			
	900	597	+096	
	2084	600		
+2:01:30	2684	1199	+119	

Moon too bright to continue on this "X" to advantage

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1924phae.proj..687C

Sept - 10 - 1924 -

	β Lyrae	185-343		
	Dd d.B.		var dis	I
13:07 40	33.8			
	777	439		
	2178	366		
	2544	80.5	-218	
	356		~~-210~~	
	809	453	~~-209~~	
	2174	410		
	2584	86.3	-201	
	a			
	1374			
	165.5	281	mean = +272	
	315.5	253		
	3408	53.4	~~+312~~	
	1374			
	1596	222	~~+334~~	
	3168	220		
13 11 30	3388	442	~~+355~~	

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1924phae.proj..65C

Sept 10/24

	a		
13:20:30	134.4		
	1604	260	
	3158	246	
	3404	506	-324
	1358		
	1664	306	-314
	3158	250	
	3408	356	-303
	B		mean = -266
	2190		
	2606	416	
	2170	439	
	2609	855	-204
	400		
	778	378	-218
	2198	378	
13 24 00	2576	756	-233

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1924phae.proj..687C

Sept 19/24

	B		
13:20 m	38.6		11
	790	404	
	2168	410	
	2578	81.4	-21.5"
	366		
	828	462	-203
	2176	438	
	2614	90.0	-1.91
	a		
	1364		Mean = -282
	1608	244	
	3158	242	
	3400	486	-333
	1379		
	1587	208	-360
	3182	176	
13 33 30	3358	38.4	-386.

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Sept 10 — 1924

	~~α~~ B	R	
13 43.30	135.9		IV
	1618	25-9	
	3162	244	
	3406	50.3	-326
	1348		
	3633	285-	-318
	3152	253	
	3405	53.8	-311
	~~B~~ ~~α~~ D		
	2188		mean -262
	2598	410	
	348	496	
	844	90.6	-190
	2179		-207
	2555	376	
	404	410	
13 47.30	814	78.6	-224

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1924phae.proj..obsC

Sept 10 — 1924

~~B B~~

13-5325 2168 — 390 — 422 — 812 — −21.6 — V

2166 — 2600 — 386 — 808 — 434 — 422 — 856 — −2.03 — 2.10 ~~2.16~~

~~B B~~

2208 — 2544 — 430 — 766 — 336 — 336 — 672 — 2 — Mean = 2.89

A A

3188 — 3374 — 1368 — 1602 — 186 — 234 — 420 — −3.66

3162 — 3366 — 1400 — 1608 — 204 — 208 — 412 — −3.70 — −3.68

13 5800

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1924phae.proj..65C

Sept 10 - 1924

	a		
14 01,15	315.2		
	3374	222	
	1384	246	
	1630	468	-342
	316.6		
	3392	226	-346
	1384	225	
	1609	451	-350
	-TB-		
	400		Mean = -2.92
	798	398	
	2210	378	
	2588	776	-227
	430.		
	780	350	-237
	2212	360	
14 04:50	2572	710	-247

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1924phae.proj..657C

Sept 10 – 1924

B

14:09:05 412
773 361
2194 364
2588 725 −243

363
766 403 −228
2162 416
2578 819 −214

a

1368 mean = −296
1614 246
3174 234
3408 480 −336

1388
1592 204 −364
3186 180
14 13:00 3366 384 −392

VII

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1924phae.proj..65C

Sept 10/24

	a		
14 20 15	135.9		
	1644	285	
	3182	200	
	3382	485	− 334
	1860		
	1610	250	− 320
	3158	302	
	3460	552	− 305
	b		
	2180		mean = − 280
	2500	320	
	3788	431	
	809	751	234
	2230		
	2555	325	− 239
	398	396	
	794	721	− 2,44
14 24 45			

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Sept 10–/24

	B–		
143400	376		IX
	794	418	
	2208	380	
	2588	798	-2.20
	40.0		
	798	398	-220
	2196	402	
	2598	80.0	2.19
	–@–		
	137.8		Mean = – -284
	1628	250	
	3174	230	
	3404	480	-306
	1372		
	1600	228	-349
	3179	200	
143800	3379	428	362

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1924phae.proj..65C

Thursday Sept 11 – 1924

Obs.				
2. 35. 0	Sagittarii	213842	Est 9.3	✓ rec

8.5 with 9.6 9.6 = star @ opposite corner of base of triangle

Moon too bright for measuring this object.

Moon so bright as continues to advantage

11

11

1924phae.proj..697

Monday Sept 15 - 1924

c Cobo

H Cree

Allegni 213843. Est.

Region too cloudy

13.5 Allag. 213848 Est 11.0

Estimate made thru

considerable haze and

somewhat uncertain

Had experiment with Clay

5" on funder 7 15"

Too cloudy to continue.

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1924phae.proj..65C

Thursday Sept 18. 1924

Obs				
12 10.	1 Cygni	213843	est. 115	
	B.P Cygni	193846		I
	B.		comp + Dis	
12. 27 15	3386			
	3537	451		
	1237	5.29		
	1766	98.0	+1.71	
	3074			
	3547	473	+166	
	1200	549		
	1749	1022	+160	
	a			
	229		Mean +096	
	944	715		
	2010	786		
	2796	1501	+0.57	
	284			
	944	660	+.026	
	2066	650		
12 32.10	2716	1310	+096	

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1924phae.proj..697C

Sept 18 - 1924

S. K. Her 160325
B variable dis

12 39.0	1950		
	2756	806	
	175	900	
	1075	170.6	-0.18
	2012		
	2760	748	-042
	264	706	
	970	145.4	067
	A		900
	3030		Mean -0.84
	3574	544	8.16
	1200	574	
	1774	1118	-138
	2978		
	3598	620	-126
	1192	610	
12 42.0	1802	123.0	-113

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Sept. 18, 1924

β a Cygni 19 27 45

12 53 10

1822	variable	
2898	1076	
3592	~~618~~ disregard	
1170	111.8	
	219.4	+ 0.76
1892	1406	
2908	1016	+ 0.65
83	1065	
1148	2081	
@	151.9	+ 0.54
~~1167~~		
1155		Mean = − 0.06
1838	683	
2888	824	
3712	1507	− 0.56
1168		
1827	659	− 0.78
2987	631	
12 57 − 3618	1290	− 1.00

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1924phae.proj..697C

Sept 18 – 1924

		Uranus.	Phot.	
		–B–	Uranus Dec	
13:19:20		2255		
		2500	245	
		458	278	
		736	52.3	–3.17
		2238		
		2484	246	–3.21
		467	259	
		726	50.5	–325
		–a–		
		3208		Mean = 362
		3372	164	
		1422	162	
		1584	32,6	–422
		3194		
		3377	183	–404
		1389	203	
13 24-20		1582	38.6	–385

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Sept 18-1924

	a		II
13 32.30	3208		
	3358	150	
	1400	160	
	1560	310	433
	3204		
	3376	172	426
	1410	159	
	1569	331	419
	B		
	457		mean = - 8 ??
	697	240	
	2238	278	
	2516	518	319
	474		
	734	260	320
	2262	253	
13 36 30	2515	513	322

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September 18, 1924

	B-		III
B 4350	470		
	707	237	
	2272	226	
	2498	46.3	344
	438		
	722	284	
	2248	280	-322
	2528	56.4	300
	a		
	1417		
	1587	170	Mean - 3.70
	3168	194	
	3362	364	-3.98
	1422		
	1584	162	417
	3194	144	
B 4800	3338	30.6	436

Prior somewhat dewed
Sky somewhat murky.
Observations quit different

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