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12

VARIABLE STAR OBSERVATIONS

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KG 11365 . 658

5h 46m

28°.1

76.7

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Continued from previous book. 1

Febr. 18/19 – 1925

Wednesday

C. Lass.

SV Tauri

G.C.T.				
				Phot I
2 24	477			
	678	201		
	2281	210		I
	2491	411	+ 3.71	
	478		+ 3.87	
	663	185		
	2308	170		
	2478	355	+ 4.03	
			5.65	
			Mean + 3.80	
			9.45	
	1337			
	1602	265		
	1785	208		
	3393	473	+ 3.40	
	1794		+ 3.72	
	1577	183		
	3200	170		
2 34	3370	353	+ 4.04	
2 29				

42201.104
02° 2459
0.8455

42201.104
0.727
0.377

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2

Febr. 18/19 – 1925

Class.

G. C. T.				
Σ 41	1386			II
	1562	176		
	3207	170		
	3377	346	+ 4.09	
	1374		+ 3.97	
	1587	213		
	3187	193		
	3380	406	+ 3.74	
			5.65	
			Mean + 3.98	
			9.63	
	447			
	660	213		
	2278	229		
	2507	442	+ 3.55	
	507		+ 3.99	
	670	163		
	2313	177		
Σ 57	2490	340	+ 4.13	
2 45				

4201.117
0.249
+ 0.868

4201.117
0.727
0.390

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Febr. 18/19 — 1925

C. Lamb.

III

G.C.T.

2 59

	475		
	689	214	
	2303	172	
	2475	386	3.85
	424		3.56
	682	258	
	2243	243	
	2486	501	3.27
			5.65
			Mean + 3.54
			9.19
	1385		
	1633	248	
	3166	241	
	3407	489	3.32
	1373		3.51
	1580	207	
	3201	206	
3 13	3407	413	3.70

3 6

4201.129
0.249
+ 0.880

201.129
0.727
0.402

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4

Febr 18/19 – 1925

C. Data

G. C. T.

3 15

IV

1379			
1573	194		
3179	193		
3372	387	3.84	
1401		3.74	
1607	206		
3172	220		
3392	426	3.63	
		5.65	
		Mean + 3.76	
		9.41	
444			
676	232		
2269	237		
2506	469	3.41	
2503		3.78	
653	150		
2293	188		
2481	338	4.14	

3 31

3 23

4201. 141
0.249
+ 0.892

4141
0.727
0.414

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Febr. 18/19 – 1925

C. Kaas

V

G.C.T.				
3 35	480			
	662	182		
	2306	164		
	2470	346	4.09	
	465			3.84
	688	223		
	2274	211		
	2485	434	3.59	
				5.65
			Mean	+ 3.86
				9.51
	1382			
	1613	231		
	2181	197		
	2378	428	3.62	
	1413			3.87
	1572	159		
	2193	184		
3 57	2377	343	4.11	
3 43				

4201.155 — 1.155

0.249 — 0.727

+.986 — 0.428

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Febr. 18/19 - 1925

C. Lats

VII

G. C. T.			
3 53	1399		
	1599	200	
	3173	214	
	3387	414	3.69
	1387		3.71
	1602	215	
	3179	193	
	3372	408	3.72
			5.65
			Mean + 3.78
			9.43
	473		
	687	214	
	2312	179	
	2491	393	3.81
	493		3.84
	677	184	
	2278	200	
4 4	2478	384	3.86
3 58,5			

420 X, 166 1.166

0.289 0.727

+0.917 0.439

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Febr. 18/19 - 1925

C. Class

VII

S. C. T

4 6

	497		
	664	167	
	2317	175	
	2492	342	4.11
	480		3.99
	668	188	
	2712	196	
	2508	384	3.86
			5.65
			Mean + 3.88
			9.53
	1377		
	1612	235	
	3179	203	
	3582	438	3.57
	1410		3.77
	1582	172	
	3178	194	
4 21	3072	366	3.96

4 13.5

4201.176 — 1.176

0.249 — 0.727

+0.927 — 0.449

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Febr. 19/20 - 1925

Thursday

SV Tauri — C. Lass

G.C.T.				
0 4	464			I
	702	238		
	2281	218		
	2499	456	3.48	
	445		3.45	
	707	262		
	2288	208		
	2496	470	3.41	
			5-65	
			Mean +3.68	
			9.33	
	1099			
	1592	193		
	3172	204		
	3376	397	3.79	
	1417		3.90	
	1581	174		
	3193	184		
0 17	3377	358	4.01	
0 10.5				
4202.007	2.007			
0.249	0.727			
+1.758	1.280			

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Febr. 19/20 — 1925

SV Tauri

eCas A

S.C.T

Ø 20

1420

1587 167

3182 177

3359 344

4.10

II

3.82

1383

1637 254

3172 208

3380 462

3.45 5 6 5

Mean 3.53

9.18

468

682 214

2304 294

2578 508

3.24

Clouds

0 30±

0 25.0

7

4202.01

0.249

1.768

1/2 weight.

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10

Friday

Febr. 20/21 — 1925

SV Tauri

C. Lass

G.C.T.			Phot T.	I
	510			
0 6	664	154		
	2315	154		
	2469	308	4.35	
	494		4.23	
	678	184		
	2292	159		
	2451	343	4.11	
				5.05
			Mean	+ 4.60
				10.25
	1440			
	1555	115		
	3214	114		
	3328	229	4.99	
	1432		4.96	
	1550	118		
	3229	119		
0 16	3348	237	4.92	
0 11				
4202.008	3.008			
2417	2.891			
+0.591	0.117			

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Febr. 20/21 — 1925

SV Tauri

C. Luth.

II

0 18	1402			
	1543	111		
	3206	117		
	2253	228	5.00	
	1403		4.98	
	1556	123		
	2232	110		
	2242	233	4.96	
				5.65
			Mean +4.70	
				10,35
	501			
	658	147		
	2298	168		
	2466	315	4.30	
	522		4.42	
	672	150		
	2222	136		
	2458	286	4.51	
0 28				
0 23				

4203.016 — 3.016

2.417 — 2.891

+0.599 — 0.125

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Feb. 20/21 – 1925

SV Tauri — C. Lass

G. C. T.				
0 31	526			III
	669	143		
	2320	132		
	2452	275	4.59	
	502		4.35	
	671	169		
	2293	173		
	2466	342	4.11	
				5.65
			Mean 4.50	
				10.15
	1431			
	1573	142		
	3210	140		
	3350	282	4.54	
	1425		4.65	
	1554	129		
	3233	125		
0 39	3358	254	4.77	
0 35				

4203.024
2.417
+ 0.607

3.024
2.891
0.133

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Febr. 20/21 — 925

C. Lau

G.C.T.				
0 40	1440			IV.
	1570	130		
	3219	124		
	3343	254	4.77	
	1429		4.65	
	1562	133		
	3213	150		
	3363	283	4.53	
	489		5.65 Mean 4.45	
	668	179	10.10	
	2302	168		
	2470	347	4.09	
	508		4.24	
	658	150		
	2319	152		
0 57	2471	302	4.39	
0 45.5				

4203.032
2.417
+0.615

3.032
2.891
.141

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Febr. 20-21 — 1925

SV Tauri — C. Lam.

G.C.T				V.
0 55	673 513			
	650	137		
	2304	175		
	2474	312	4.32	
	503		4.24	
	670	167		
	2307	170		
	2477	337	4.15	
			5.65	
			Mean +4.44	
			10.09	
	1477			
	1562	145		
	2222	138		
	2360	283	4.53	
	1426		4.63	
	1551	125		
	2221	134		
1 6	2355	259	4.73	
1 0.5				

4203.042 — 3.042
2.417 — 2.891
+0,625 — .151

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Febr. 20/21 — 1925

C. Lath.

G.C.T.				
17	1406			VI.
	1552	146		
	3222	145		
	3367	291	4,47	
	1423		4,52	
	1562	129		
	3219	149		
	3368	278	4.57	
			5.65	
			Mean +4.28	
			9.93	
	502			
	682	180		
	2292	173		
	2465	353	4.04	
	510		4.03	
	689	179		
	2292	180		
1 18	2462	359	4.01	
1 12.5				

4203.050
2.417
+ 0,633

3.050
2.891
.159

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Febr. 20/21 – 925

– C. Lamb

S.C.T

1 19	570			VII.
	673	163		
	2308	159		
	2467	322	4.25	
	500		4.18	
	683	183		
	2290	162		
	2452	345	4.10	
			5.65	
			Mean + 4.08	
			9.73	
	1420			
	1576	156		
	3168	195		
	3268	351	4.06	
	1419		3.97	
	1558	139		
	3221	141		
1 36	3362	380	3.88	
1 27.5				

4203.061
2.417
+0,644

3.061
2.891
.170

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Febr 20/21 – 1925

SV Tauri

C. Lars

G.C.T				
1 44	1409			VIII.
	1558	149		
	3198	167	4.29	
	3365	316		
			4.30	
	1415			
	1583	168		
	3215	146	4.30	
	3361	314		
	~~+58~~		5.65	
			Mean + 4.12	
			9.77	
	49.8			
	682	194		
	2301	177	3.93	
	2478	371		
			3.94	
	490			
	662	172		
	2292	196	3.95	
1 57	2488	368		
1 50,5				

4203 | 077
2 417
+0,660

3.077
2.891
-186

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Febr. 20/21 — 1925

SV Tauri — Cl. Lacs

S. C. T

2 2

IX.

497			
660	163		
2311	177		
2488	340	4.13	
			4.03
490			
670	180		
2307	191	3.93	
2498	371		
			5.65
		Mean	+ 4.02
			9.67
1387			
1577	190		
3193	179	3.95	
3372	369		
			4.00
1409			
1571	162		
3188	189	4.06	
3377	351		

2 18

2 10

4203 | 090 — 3.090

2.417 — 2.891

+ 0,673 — .199

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Febr. 22/23 – 1925

Sunday

SV Tauri 05h32m C. Lamm.

G.C.T				
23h 26m	470			I
	692	222		
	2263	225	3.52	
	2488	447		
			3,57	
	473			
	698	225		
	2273	203	3.62	
	2476	428		
			5.65	
			mean + 3.85	
			9.50	
	1099			
	1272	173		
	3188	175	4.08	
	3363	348		
			4.12	
	1408			
	1580	172		
	2698	164	4.15	
23 42	2862	336		
23 34				

4204.982 − 4.584 + 0.398

4.982 + 2.891 = 4.091

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Febr. 22/23 – 1925

SV Tauri – C. Lacs

G.C.T				
23 46	1400			II
	1562	162		
	3187	178	4,13	
	3363	340		
			4,12	
	1408			
	1578	170		
	3203	174	4,10	
	3377	344		
			5.65	
			Mean + 4,14	
			9.79	
	506			
	673	167		
	2303	177	4,10	
	2480	344		
			4,15	
	502			
	670	168		
23 58	2311	161	4,20	
	2472	329		
23 52				

4204.994
4.584
+ 0.410

4.994
2.891
2.103

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Febr. 22/23 – 1925

SV Tauri

C. Lass

S.C.T				
0 3	504			III
	677	173		
	2300	182	4,04	
	2482	355		
			4,04	
	494			
	675	181		
	2300	174	4,04	
	2474	355		
			5.65	
			Mean + 4,11	
			9.76	
	1407			
	1575	168		
	2212	174	4,11	
	2386	342		
			4,17	
	3207			
	3368	161		
	1412	165	4,22	
0 13	1577	326		
0 8				

4205.006
4.584
+0.472

5.006
2.891
7.115

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Febr. 22/25 – 1925

SV. Tauri

C. Lab

G. C. T

IV.

	1420		
0 17	1582	162	
	3198	174	4,29
	2272	316	
	1408		
	3198		
	2278		

Fog

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Tues Febr. 24/25 – 925

SV Tauri

C. Lath.

g	C.I.	B			T. Phot.	I
		461				
		682	221			
23		2292	211		3.60	
x 35		2503	432			
					3,82	
		499				
		672	173			
		2201	180		4.04	
		2481	353			
					5,65	
		A			Mean +3,91	
					9,56	
		1400				
		1567	167			
		2194	184		4.06	
		2378	351			
					3.99	
		1408				
		1591	183			
23		3191	192		3.91	
6	51	3383	375			

23 43

4206.988
5.061
1.927

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Feb. 24/25 – 1925

C.L.C.k

G.C.T.

x° 0

A

1400
1597
3167
3280

197
213
410 + 371

4.50

1404
1558
3203
3266

154
163
317 + 428

565
3.91
9.56

B

482
673
2290
2467

191
177
368 + 395

3.82

487
680
2285
2500

193
219
412 + 370

C

x 17

0 8.5

4207.006
5.061
1.945

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Febr. 24/25 — 1925

S V Tauri

C. Lass.

G. C. T.				
0 45	B			III
	490			
	681	191		
	2206	166	4,02	
	2472	357		
			4,06	
	499			
	662	168		
	2243	178	4,09	
	2471	346		
			5.65	
			Mean + 3,98	
	A		9,63	
	1391			
	1580	189		
	3194	177	3,96	
	3571	366		
			3,90	
	1389			
	1581	192		
	3179	195	3,84	
1 0	3574	387		
0 12.5				

4207.037
5.061
1.976

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Feb. 24/25 – 1925

SV Tauri — C. Lacs

G.C.T				
	A			
1 9	1386			IV.
	1591	205		
	3195	197	3.87	
	3372	382		
			3.89	
	1400			
	1583	183		
	3188	192	3.91	
	3380	375		
			5.65	
			Mean + 3.94	
	B		9.59	
	500			
	657	157		
	2322	179	4.15	
	2501	336		
			3.98	
	473			
	673	200		
	2290	192	3.81	
1 18	2482	392		
1 13.5				
4207.051				
5.061				
2,990				

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Febr. 24/25 – 1925

SV Tauri

C. Lass.

G. C. T				
1 33	B			V
	487			
	674	187		
	2301	171	4.01	
	2472	358		
				4.03
	494			
	657	163		
	2292	190		
	2482	353	4.04	
				5.65
			Mean	+ 3.91
				9.56
	A			
	1404			
	1585	181		
	3169	201	3.87	
	3370	382		
				3.79
	1087			
	1618	231		
	3200	179	3.71	
1 51	3379	410		
1 42				
4207.071				
5.061				
2.020				

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1925phae.proj..659C

Febr. 24/25 – 1925

S V Tauri

– C. Lett.

G. C. T				
2 16	B			VI.
	512			
	677	165		
	2302	169	4.17	
	2471	334		
			4,06	
	500			
	680	180		
	2298	189	3.95	
	2487	369		
			5.65	
			Mean + 3.97	
			9.62	
	A			
	1091			
	1585	194		
	3177	196	3.82	
	3373	390		
			3,88	
	1397			
	1595	198		
	3206	172	3.94	
2 28	3378	370		
2 22				
4207.099				
5.061				
2.038				

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Feb. 24/25 – 1925

S V Tauri

C. Lan.

S.C.T	A			VIII
2 42	1100			
	1579	179		
	3191	193	3,93	
	3384	372		
			3,82	
	1384			
	1594	210		
	3181	200	3,71	
	3581	410		
			5,65	
			Mean + 3,93	
			9,58	
	B			
	490			
	668	178		
	2278	205	3,86	
	2483	383		
			4,03	
	1.87			
	657	170		
3 0	2317	159	4,20	
	2476	329		
2 51				
4207.169				
5.061				
2.058				

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1925phae.proj..659c

Febr. 24/25 — 1925

SV Tauri

C. Lau.

S. C. T.	B			VIII
3 13	502			
	676	174		
	2303	156	4.19	
	2459	330		
			4.19	
	486			
	669	183		
	2309	147	4.19	
	2456	330		
	A			

The star went out from the field

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1925phae.proj..659C

Febr. 24/25 — 1925

SV Tauri

C. Lass

G.C.T				
3 37	570			IX
	669	159		
	2210	153	4,32	
	2463	312		
			4,17	
	471			
	661	190		
	2211	167	4,02	
	2478	357		
			5,65	
			Mean + 4,15	
			9,80	
	1578			
	1587	209		
	3187	184	3,81	
	3371	393		
			4,13	
	1416			
	1562	146		
	3217	146	4,46	
3 52	3363	292		
3 44,5				
4207,156				
5,061				
2,095				

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Febr. 23/25 – 1925

C. Lau

S. C. T	A			X
3 54	1410			
	1586	176		
		160	4.15	
	3213	336		
	2273			
			4.10	
	1412			
	1586	174		
	3184	179	4.04	
	2263	353		
			5.65	
			Mean + 4.13	
	2B		9.78	
	2218			
	2443	175		
	479	173	4.08	
	652	348		
			4.15	
	486			
	646	160		
	2323	166	4.22	
4 10	2489	326		

4 2

4207 . 168
5.061
2.107

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Febr. 24/25 – 1925

C. Lam.

S.C.T	B			XI
4 20	571			
	665	154		
	2310	147	4,40	
	2457	301		
			4,29	
	493			
	659	166		
	2298	168	4,17	
	2466	334		
			5.65	
			Mean + 4,28	
			9,93	
	A			
	1390			
	1567	177		
	3211	155	4,18	
	3366	332		
			4,27	
	1			
	1397			
	1544	147		
	3212	161	4,35	
4 35	3373	308		
4 27.5				
4207.186				
5.061				
2.125				

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Febr. 26/27 - 1925

Thu.

SV Tauri

C. Lass.

G. C. T				
	A			I
0 4	493			
	672	179		
	2282	180	4,01	
	2462	359		
			3.99	
	490			
	688	198		
	2521	167	3.97	
12	2488	365		
			5.65	
	B		Mean +3.96	
			9.61	
	1405			
	1580	175		
	3197	177	4,05	
19	3374	352		
			3, 93	
	3396			
	1594	198		
	3198	194	3,81	
0 36	3392	392		
0 20			Disturbed by clouds	

4209.084
7.228
1.786

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Febr. 26/27 — 1925

5 V Tauri

C. Lamb.

II

S.C.T	B			
O Yo	1403			
	1597	194		
	2183	205	3,77	
	2388	399		
				3,76
	1392			
	1602	210		
	2183	194	3,75	
	2377	404		
				5.65
	#		Mean	+ 3,81
				9.46
	497			
	678	181		
	2283	207	3,84	
	2490	388		
				3,86
	498			
	672	174		
	2290	208	3,87	
O 54	2498	382		
O 47				Clouds

4209.033
7.228
1.805

1925phae.proj..659C

Feb 26/27 — 1925

F. C. Ols

G.C.T.

1 30 SS Aur 060500 est < 12.2

1 35 2 Gem 074922 est < 12.2

Passing clouds, high wind

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Thur. Feb 27/28 – 1925

LCCb FTC Rec

G.C.T.				
23 48.	S.S. Aur.	060547	est. 128	✓
23 49	U. Gem.	074927	est 130	✓
23-51-	S.U. Tau.	05-4319	est 10.6	
23--53	R.X. And.	005840	est 109	
	R.Y. Per	023947		T
	Sid-B	comp * Dec-		
0 02 20	402			
	838	436		
	2154	448	+ 196	
	2602	884		
	396			
	856	460	+190	
	2176	472		
	2648	932	+18.3	
	-A-			
	1294		Mean = +192	
	1706	412		
	2088	420		
	3508	832	+210	
	1238			
	1690	452	195-	
	3016	490		
	3506	942	+180	
0-06 45				

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1925phae.proj..659C

Feb. 27/28 - 1925

Lick

T

R.V. Per 041342

Sed - B comp + dev

0. -19-05	2220		
	2533	313	
	450	310	
	160	623	+2.77
	2214		
	2558	344	+262
	394	366	
	760	710	+247
	-a-		Mean = +2.64
	3100		
	3448	348	
	1286	362	
	1648	710	+2.47
	3146		
	3440	294	+2.67
	1330	303	
0 23 45	1633	597	+287

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1925phae.proj..659C

Feb. 27/28 - 1925

Phot

	a B Am	0449 30	Comp + Dec
	Ind. B.		Standards
0 31 15	2892		
	3724	832	
	1076	848	
	1924	1680	+023
	2888		
	3662	774	+040
	1106	730	
	1836	1504	+057
	a		Mean +0.45
	229		
	979	750	
	2018	731	
	2749	1481	+061
	18.2		
	998	816	+050
	1996	776	
0 34-40	2772	1592	040

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Feb. 27/28 – 1925

AC Cb

T

	S Aur	04 49 30^s	
0 – 36.00	Dud	comp + dro	
	1280		
	1770	490	
	3034	504	
	3538	994	+167
	1244		
	1746	502	162
	3020	538	
	3558	1040	156
	Dud.		Mean = 167
	2152		
	2651	499	
	294	524	
	818	1023	160
	2177		
	2597		172
	268	420	
0 – 40.00	777	509	
		929	184

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1925phae.proj. 659C

Feb 24/28 - 1925

Rough

Sup Gem 06.5) 20 Plate R

Sup G Variable Star

0 54:00

	2648		
	2886	238	
	874	210	
	1084	448	-352
	2666		
	2882	216	-358
	862	208	
	1070	424	-364
	- B -		Mean = -353
	1776		
	2066	290	
	3558	226	
	3784	516	-320
	1762		~~-398~~ -348
	1972	210	
	00	190	
0 57:50	190	400	-377

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1925phae.proj..659C

Eclx. 27 | 28 — 1925

L. Cook

Phot. F.

	δ Cygni	050442	
	Ind. B	Comp. dis	
+- 13.05	3048		
	3550	502	
	1230	538	
	1768	1040	+156
	3013		
	3556	543	+156
	1248	499	
	1747	1042	+155
	Ind A		Mean = +162
	378		
	866	538	
	2146	536	
	2652	1074	+1.48.
	368		
	840	472	+168
	2169	440	
1- 16.35	2609	912	
			+188

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1925phae.proj..659C

Feb 27/28 — 1925

L.C.O.

	E Aur.	04 5343	Phot. R.
1-25:10	Ind. R.	Var. dec.	Comp* – * close by and following the var.
	5.0		
	10 2	5 2	
	1848	68	
	1916	12.0	+6.40
	4.6		
	11 2	6.6	-609
	1832	9 4	
	1926	16.0	+578
	B		Mean = -5.98
	2739		
	2820	90	
	752	38	
	1010	148	-595
	2748		+588
	2830	82	
	947	75	
-1-29-15	1022	15.7	+382

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1925phae.proj..659C

Feb 27/28 – 1925

L.C. Obs.
Phot. I.

	ζ Orionis	05 50 13	
	Red – B	Comp. × dio	
1-52 25	1253		
	1753	50.0	
	2998	58.0	
	3578	108.0	+146
	1224		
	1754	530	+144
	2988	572	
	3560	1102	+141
	– a –		Mean = +1.47
	2140		
	2669	529	
	324	600	
	924	1129	+135.
	2178		+150
	2658	480	
	324	525	
– 1-56 50	849	100.5	+1.64

Comp × = + 13° – 10.35 (8.7)

1925phae.proj..659C

Feb. 27/28 - 1925

L.C. obs.

α Orionis 05 49 07

	Sud-B	Nau dis	Phot. F.
2 6.45	236.7		
	2394	30	
	9337	23	
	2396	53	~~314~~ 8.18
	583		7.99
	616	33	~~294~~
	2372	30	
	2402	63	~~275~~ 7.80
	a		Mean = − 7.76
	1477		
	1516	39	
	3268	36	
	3304	75	~~235~~ 7.42
	147.7		7.53
	1512	35	
	3266	33	
2. 12.20	3299	6.8	7.64

Comp ★ = + 7° 1051 (9.5)

Observations very difficult owing to extreme brightness of variable

2 30 Extreme Cold prevents Binocular & photo

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1925phae.proj..659C

March 2-3-1925. ~~Phot~~
Monday

L C 60

F.T. Cue

0 - 8	R X Aur	005840	Est 12 ✓
0 - 12	S S Aur.	060547	Est 125
0 - 14.	U Gem	074922	est 120 ✓
0 - 18	W. mon.	064707	Est. 104
	T Gem	- 065720	Phot. P.
	Sed-B		Variable.
0 - 21 45'	1802		
	1982	182	
	3578	184	
	3762	366	-396
	1766		
	1977	211	-380
	3568	214	
	3782	425	-363
	a		
	892		Mean = -366
	1082	190	
	2684	236	
	2920	426	-363
	860		
	1086	226	-352
	2648	244	
0 - 26 00	2892	470	-341

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1925phae.proj..659C

March 2-3-1925

L.C. obs

	Wurs. Maj	093956	Phot. V. —
	Dud B		Comp × dis I
+ 30 00	~~2674~~		
	32.0		
	922	602	
	2088	614	
	2702	121.6	+1.16
	30.2		
	988	636	+1.14
	2114	598	
	2712	1234	+112
	a		
	1214		Mean = +116
	1798	584	
	3018	556	
	3574	1140	+133
	1212		
	1844	632	+118
	2947	650	
0 -34:20	3597	1282	+102

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1925phae.proj..659c

Nov. 2-3 – 1925

LC obs

	a			~~III~~
0-43.00	1197			
	1840	643		
	2950	683		
	3633	1326	+092	
	~~B~~			
	1207			
	1866	659	+096	
	2990	632		
	3622	1291	+1.10	
	B		Mean = +098	
	2136			
	2930	794		
	3834	490		
	874	1284	+1.01	
	2077			
	2724	647	099	
	278	656		
0-46.15	934	1303	097	

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1925phae.proj..659C

March 2/3 – 1925. LCobs.

	B.			
0 56 00	207.4			III
	2686	612		
	286	626		
	912	1238	+111	
	215.4			
	2676	522	+128	
	358	364		
	922	1086	+145	
	-A-		Mean = +118	
	2974			
	3636	662		
	1204	596		
	1594	1252	+108	
	2960			
	3658	698	+107	
	1219	564		
0-9950	1784	1262	+106	

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1925phae.proj..659C

March 2/3 - 1925

LC 66

1111

B.

1 - 9 20

298-1		
3588	607	
1216	572	
1788	117.9	+124

3002		
3584	582	+131
1250	538	
1788	111.6	+138

A

344		Mean = 148
844	500	
2134	471	
2605	98.1	+170

300		
854	554	+164
2454	478	
2632	1032	+158

1 - 12 50

Var out of center of field

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1925phae.proj..659C

March - 2/3 - 1925

L.C.O.

	a			V.
-1 14 40	364			
	829	465		
	2128	490		
	261.8	955	+177	
	333			
	884	551	+150	
	2062	626		
	2688	1177	+124	
	B		Mean = +136	
	1220			
	1766	546		
	3044	520		
	3564	1166	+127	
	1202			
	1772	570	+122	
	2984	640		
-1-17 50	3624	1210	+117	

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March 2/3 — 1925.

	B			L C
-1 20.45	1242			
	1764	522		
	3034	538		
	3572	1060	~~+49~~ 751	
	1224			
	1784	560	+142	
	3003	573		
	3576	1133	+134	
	a			
	2132			
	2598	462	mean +57	
	328	568		
	896	~~930~~		
		1030	+157	
	2158			
	2638	480	+172	
	386	440		
1→3420	826	920	X186	

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March 2-3 - 1925

L.C.

VII

	Q		
1 45.00	215		
	2594	440	
	336	522	
	858	962	+175
	2138		
	2604	466	+177
	340	480	
	820	946	+179
			Mean = +1.62
	78.		
	3066		
	3576	510	
	1251	478	
	1729	988	+16.9
	2974		1.48
	3576	602	
	1233	567	
1-48 n	1800	1169	126

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54

Mar 2-3 / 1925

EC

VIII

	B		
1-5910	3000		
	3536	536	
	1234	527	
	1761	1063	+150
	3050		+153
	3551	501	
	1222	540	
	1762	1041	+156
	a		mean +178
	358		
	785	427	
	2164	450	
	2614	877	+198
	378		+202
	818	440	
	2186	412	
2-0230	2598	852	+205

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Mar 2/3 — 1925 —

RC

	Q			
2-16-45	31.4			IX
	816	502		
	2174	460		
	2634	962	+175	
	356		+180	
	836	480		
	2173	445		
	2618	925	+185	
	TB —		mean +156	
	1206			
	1732	526		
	3022	529		
	3351	1053	+152	
	1205			
	1805	600	+132	
	2960	628		
2-1945	3588	1228	+113	

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1925phae.proj..659c

Nov. 2-3-1925.

LC.

	B		
2-27-00	117.9		
	178 7	608	
	2978	608	
	3576	1216	+1.16
	1219		
	1796	577	+115
	2976	646	
	3622	1223	+114
	a.		Mean = +135
	2154		
	2644	490	
	315	572	
	887	1062	+151.
	2108		
	2627	519	135
	378	510	
2-3040	888	1029	159

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Tues., March 3/4—1925

R. Wells

G.C.T. Moon too near S Vlam for obs. tonight

W Ursa maj - 093956 I

	Sud B	Comp * dec	
0-13:00	26.0		
	938	678	
	204.4	615	
	2659	1293	+099
	288		
	918	630	+106
	206.9	603	
	267.2	1233	+1.12

Mean = +112

	a		
	1268		
	1812	544	
	2988	570	
	3558	1114	+139
	1155		
	1796	641	118
	2996	659	
0-16:30	3655	1300	+098

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1925phae.proj..659C

March 3/4 - 1925

	a			II
0 -21 -20	1180			
	1820	640		
	2969	629		
	3598	126.9	+1.04	
	1248			
	1792	544	+119	
	2988	590		
	3578	113.4	+134	
	73		Mean = +126	
	2142			
	2632	490		
	318	574		
	892	1064	+150.	
	2078		+134	
	2686	608		
	280	694		
0 -24 40	974	1302	,097	

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1925phae.proj..659C

March 3/4 – 1925

	B.			III
o 30 25	2088			
	2668	580		
	333	563		
	896	1143	+132	
	2140			
	2679	539	+136	
	326	570		
	896	1109	+140	
	a.		Mean = +127.	
	2986			
	3598	612		
	1178	624		
	1802	1236	+111	
	2988			
	3628	640	118	
	1240	536		
o 33 33	1776	1176	125	

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1925phae.proj..659C

March 3-4/25

	a		
0-40:10	2974		
	3590	616	
	1229	585	
	1814	1201	+119
	2964		+116
	3569	605	
	1164	625	
	1789	1230	+113
			Mean = +1.17
	B		
	34.4		
	911	567	
	2074	612	
	2686	1179	+1.24.
	2.76		118
	918	642	
	2128	590	
0-43-20	2718	1232	1.12

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March 3-4 – 1925

	B.		
0-0610	27.4		
	916	642	
	2106	586	
	2692	1228	11.3
	31.1		
	930	619	+109
	2066	646	
	2712	1265	+105
	a		Mean = +112
	1193		
	1796	603	
	2986	578	
	3564	1181	+123
	1150		
	1840	690	+114
0-5930	3019	577	
	3596	1267	+105

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March 3/4 - 1925

	a		
1- 10 15"	1212		
	1797	585	
	2997	449	
	3546	1034	157
	1236		
	1788	552	152
	3026	530	
	3556	1082	146
			Mean = 138
	β.		
	2120		
	2677	557	
	272	612	
	884	1169	+126
	2084		
	2688	604	+122
	308	606	
1- 13 20	914	1210	+117

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March 3/4 - 1925-

	B		
-1-20.45	2136		
	2674	538	
	338	530	
	868	1068	+149
	2089		
	2680	591	+139
	320	567	
	887	115.8	+129
			Mean = +138.
	a		
	3055		
	3568	513	
	1238	542	
	1780	105.5	15.2
	2986		
	3612	626	137
	1242	562	
1-2330	1804	1188	122

Stars in clouds

All cloudy. As usual

1-35- Continue

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1925phae.proj..659C

9-10

Monday March ~~3/4~~ - 1925

GCT

20 hrs

~~a~~

-0-17-	S.S. Aur.	060547.	Est. 12.5	
0-19-	U Gem	074922	Est 11.9	
	Alpha Ori.	054907.	Phot T.	
	Sud B	Var - dis		
24:00				
0-~~23:50~~	57 2			
	60 3	31		
	2375	- 35		
	2410	66	-7.70	
	~~72~~			
	566			
	607	41	-7.45	
	2372	42		
	2414	83	-7.20	
	~~a~~		Mean = -7.54	
	1484			
	1528	~~4~~4		
	3271	27		
	3298	71	-7.54	
	1488			
	1520	32	-7.62	
	3274	34		
0-29-20	3308	6.6	-7.70	

Obs. myself on acct. of disparity in brilliancy.

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1925phae.proj..659C

March ~~2~~ 9/10 1925

~~B~~

		η Gem	065720	Phot R.
0-49 40		2nd a	Var 2nd	
		882		
		1062	180	
		2644	270	
		2914	450	-351
		875		
		1106	231	-336
		2656	282	
		2938	513	-322
		~~a~~ B		
				Mean = -3.30
		2556		
		3804	248	
		1773	240	
		2013	488	-333
		3556		
		3836	280	-323
		1754	252	
0 53 15		2006	532	-313
0 51 28				

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1925phae.proj..659C

March 9-10 - 1925.

LO.

α Hyd. 103212

Region too near full moon for measures - No bright comparison stars near by.

W. Ursae Maj. 093956 Phot. ~~T~~.

~~Ind. B~~ Comp. & Var.

1-3830	220 0	
	2588	388
	442	334
	776	72.2
		+243
	2196	
	2562	366
	406	382
	788	74.8
		+235
	-a-	Mean = +250
	3121	
	3442	321
	1349	325
	1674	646
		+269
	3133	
	3489	356
	1318	344
-1-4045	1662	700
		+251

Not W. Ursae Maj.

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1925phae.proj..659C

March-9-10 1925

L.C.

V. Tus may now correctly identified
Dud-B Comp * ab

I

1-34.45	355		
	880	525	
	2142	524	
	2666	1049	+154
	336		+156
	860	524	
	2130	508	
	2638	1032	158
	-a-		
	1274		Mean = +170
	1704	430	
	3068	452	
	3520	882	+196
	1274		
	1768	494	+183
	3050	488	
1:57 20	3538	982	+170
12 05			
1 56 02			

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1925phae.proj..659C

Mar 9/10 1925

L.C.

	A		
	1318		
2 - 3:00	1690	372	
	3033	487	
	3520	85.9	2.03
	1283		
	1710	427	+196
	3054	479	
	3533	90.6	+190
	B		Mean +193
	2123		
	2628	505	
	2349	489	
	838	99.4	+167
	2136		
	2626	490	+164
	318	530	
2 - 6:20	848	102°	+161

2 4 40

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1925phae.proj..659C

Mar 9-10 — 1925-

L C.

III

A

2-11:30	2132		
	2622	490	
	364	550	
	914	1040	+156

	2122		
	2628	506	+152
	288	567	
	855	1073	+148

Mean = +172

B.

	3102		
	3518	416	
	1275	463	
	1738	879	+197

	3055		
	3508	453	+193
	1278	455	
2-15:05	1733	908	+189

2 13 18

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1925phae.proj..659C

Mar 9-10 – 1925

L.C.

IV

23

2 - ~~23~~ 00

Lud a

3108 410
3518 430
1307 840 +208
1737

3075
3495 420 +196
1230 505
1735 925 +185
+1.70

Lud B

Mean = ~~220~~

336
938 602
2118 548
2666 1150 +120

3111
835 524 +144
2165 507
2672 1031 +158

2 - 26 05

2 24 32

Broken by clouds in above group

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1925phae.proj..659C

March 9-10 - 1925

L.C.

V.

2 2 3 1/2 15

2nd B		
368		
900	532	
2120	538	
2658	1070	+149
352		
912	560	+146
2128	532	
2660	1092	+144
a		Mean ± +155
1284		
1768	484	
3014	519	
3533	1003	+165
1253		
1748	495	+164
3024	315	
3539	1010	+163

35
2 40 40

77 15

2 33 55

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1925phae.proj..659C

March 9/10 – 1925

	a		VI
2 44.30	1260		
	1784	524	
	3027	517	
	3544	1041	+156
	1272		
	1788	516	+162
	3078	471	
	3549	987	+169
	B		Mean = +158
	2114		
	2652	538	
	314	566	
	880	1104	+141
	2138		
	2696	558	+138
	338	568	
2 47 50	906	1126	+136

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Monday March 16. 1925

Mirror removed to be resilvered

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Friday Mar 20/21 1925

RCAb

G.C.T. Nearly cleared nuns replaced Dec. Circle now 5° too far South

0 5:20	S Aur	060547	Est: 10.7	✓
0-9-30	U Gem	074922	Est 13.7	✓
19	R Aur	064930	Phot V.	
0-~~17~~ 50	Seq-B		var dis	
	1188			
	1810	622		
	2904	718		
	3622	1340	-090	
	1182			
	1851	669	-086	
	2952	710		
	3662	1379	-082	
	-a-			
			Mean -055	
	1951			
	2791	840		
	178	802		
	980	1642	-030	
	1962		-024	
	2808	846		
	220	864		
0-23:00	1084	1710	-017	

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1925phae.proj..659C

Mar 20/21 - 1925

	8 U Aur	04 49 20[a]	
	a		comp + Dec.
0 23 30	1288		Plot T
	1711	423	
	3033	473	
	3506	896	+192
	~~B~~		
	1348		+210
	1718	370	
	3118	400	
	~~3118~~	~~770~~	+228
	~~3518~~		
	B		Mean = +194
	307		
	910	603	
	2168	582	
	2690	1185	1.23
	366		
	872	506	+138
	2127	545	
0 26 50	2672	1051	153
0-36	T Ori	05 30 05[a]	Est 10.4

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1925phae.proj..659C

Mar 20/21 1925

	S.V. Gem	055424	
	Ded-B	Comp * Dec	
D-57-05	1024		
	1924	900	
	2944	728	
	3672	1628	+033
	1142		
	1820	678	+054
	2946	728	
	3674	1406	+076
			Mean = +0.37
	a		
	2033		
	2803	770	
	240	758	
	998	1528	+052
	1945		+0.20
	2888	943	
	~~3778~~	914	
	178		-0.11
+51-35	1092	1857	~~+1743~~
		1743	comp * = * @ 15 $5^h 52.6^m$ $+24^\circ 20'$
			(1855)

rather
Observations difficult on account of faintness.

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1925phae.proj..659C

Mar 20-21 — 1925

	B. Gem.	065720	
	Sald-a	Var dia	
1-29.45	2644		
	2934	290	
	863	249	
	1112	539	−3.11
	2662		
	2909	247	
	912	222	−326
	1134	469	−341
	B		
	1768		Mean −331
	2008	240	
	3578	222	
	3800	462	−345
	1784		
	2024	240	+335
	3555	264	
	3819	504	−325
1-3350			

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Mar 20-21 / 1925

α Ori / 054907

Plot T

	Ind. B.	radius	
1- 56·00	2382		
	2413	31	
	566	30	
	396	61	7.87
	2386		-787
	2412	26	
	363	35	
	098	61	-787
	a		
	3274		Mean = 824.
	3299	25	
	1490	24	
	1514	49	-8.35
	3278		
	3299	21	÷862
	1493	17	
2- 2·00	1510	3,8	-890

Reject above

Observation in above group somewhat doubtful Trees probably obscuring region in last day of group

1925phae.proj..659C

Mar 20-21 / 1925-

~~Q~~ Lamontagne

2-500

alkor 13 1955 Phot.

Ind a Var dis

2 26 05

433		
751	318	
2222	348	
2570	66.6	-262
422		
762	340	-264
2251	313	
2564	65.3	-267
13		
1410		Mean = 329
1568	158	
3183	220	
3403	37.8	389
1408		394
1576	168	
3206	192	
3398	36.0	400

2-30 10

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Mar 20-21/25

	alkor	again	
~~2-~~	dud B		~~II~~
2 4030	1380		
	1604	224	
	3202	210	
	3412	43.4	-359
	1373		
	1576	203	-368
	3212	196	
	3408	39.9	-377
			-334
	a		Mean - ~~280~~
	2252		
	2575	323	-293
	4555	302	
	757	62.5	
			~~277~~
			301
	2262		
	2536	274	
	4600	268	
2-4425	728	54.2	309

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Sat. March 21-22 / 1925

✓ L Cobe

o 7-	S.S. Aur.	06 05.47	Est. 10.7	✓
o - 8	U. Gem.	07 49 22	Est - 130	✓

Whole sky practically covered with thin clouds.
Too cloudy to continue any further.

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G.C.T

Monday March 23-24 - 1925.

L.C. obs.

0 - 07	SS Augae	06 0547	Est 10 - 8
0 — 08.	U Gem	074922	Est. Est 138
	alpha Aim	054907	Phot. S.
-	Subj - B	Var dio	
0 12 -30	568		
	607	39	
	2376	36	
	2412	-7.5	-7.42
	566		
	606	40	-7.44
	2374	34	
	2408	7.4	-7.45
	a		
	1486		
	1520	34	Mean = -776
	3273	25	
	3298	5.9	-7.95
	~~1500~~		
	~~150.0~~		808
	1484		
	1512	28	
	3274	24	
0 -18 20	3298	5.2	-8.22
0 15 25			

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1925phae.proj..659C

March 23-4 1925

L.O. 45

	ζ Gem	06 57 20	Phot P	
0 30 05	Lud-A		var dis	
	90.0			
	110 6	206		
	2662	260		
	2922	46.6		-3.43
	898			
	1092	194		-355
	2692	225		
	2917	41.9		-367
	Lud B			Mean = -360
	3588			
	3788	200		
	1764	246		
	2010	44.6		-353
	3590			
	3796	206		-364
	1798	200		
0 -34.00	1998	40.6		-374
0 32 02				

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1925phae.proj..659C

March -23-4 — 1925

Arkon 1319-5 — L.C., Ks

	Sud-B.	Sud-A	Phot I.
v 49-25	2258		
	2528	270	
	472	295	
	747	545	308
	2277		
	2512	235	316
	476	270	
	746	505	325
	3168		Mean = 320
	3410	242	
	1348	279	
	1627	521	318
	3230		
	3420	190	345
	1388	219	
-0 53.40	1607	409	372

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1925phae.proj..659c

March 23-4 — 1925

	a			II
1 2:00	3208			
	3400	192		
	1364	224		
	1588	41.6	.368	
	3227		386	
	3388	161		
	1388	195		
	1583	35.6	403	
	B		Mean = 35.2	
	476			
	708	232		
	2252	274		
	2526	50.6	324	
	480			
	714	234	319	
	2250	297		
1-06100	2547	531	314	

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1925phae.proj..659C

March 23-4 — 1925

	B.		
-01 16 - 00	47.7		III
	744	267	
	2278	238	
	2516	505	-325
	477		-326
	708	231	
	2268	270	
	2538	501	-327

	A -		
	~~4407~~		Mean = - 3.40
	~~5970~~	~~3~~	
	3211		
	3394	183	
	1360	226	
	1586	509	324
	3224		353
	3406	182	
	1372	214	
-1-20:25	1586	~~396~~ 396	379
	3201		
	3428	227	
	1378	211	
1- 22 30	1589	438	357

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1925phae.proj..6590

March 23-4 — 1925

	a			IV
1-3300	3210			
	3431	221		
	1348	250		
	1598	-47.1	-3.40	
	3198			
	3410	212	349	
	1350	223		
	1573	435	358	
	72		Mean -336	
	462			
	702	240		
	2281	247		
	2528	48.7	-333	
	450			
	718	268	-324	
	2272	259		
1 3635	2531	52.7	-315	

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1925phae.proj..659C

Mar 23-4 - 1925

	B			I
1-45100	438			
	737	307		
	2274	232		
	2506	539	-3.11	
	455			
	716	261	-320	
	2277	235		
	2512	496	-329	
	A		Mean. -3.37	
	1368			
	1592	224		
	3182	224		
	3406	448	-352	
	1351			
	1578	227	-354	
	3212	214		
1-48440	3426	441	-355	

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1925phae..proj..659c

Mar 23-4 — 1925

	a			VI
2-00 10	1373			
	1614	241		
	3211	197		
	3408	438	-357	
	1384			
	1600	216	-356	
	3196	226		
	3422	442	-355	
	B		Mean	
	2216			310
	2556	340	Mean -	~~260~~
	422	300		
	722	640	271	
	2224			
	2570	346	.265	
	437	330		
2-4-05	767	676	2.59	

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1925phae.proj..659C

March 23-24 — 1925

	B			
D - 6:20	2208			211
	2552	344		
	476	233		
	709	577	295	
	2257			
	2526	265	-296	
	464	308		
	772	573	-296	
	a		Mean = 311	
	3162			
	3434	272		
	1331	303		
	1634	575	-296.	
	3216		-326	
	3427	211		
	1374	228		
2 - 10:45	1662	439	356	

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1925phae.proj..659C

7 Mar 23-24 1925

VIII

	a		
D-1540	3200		
	3420	220	
	1366	220	
	1586	440	−356
	3194		
	3400	206	−346
	1337	274	
	1611	480	−336
	B.		Mean. −345
	472		
	722	250	
	2256	292	
	2548	542	209
	508		
	710	202	344
	2303	195	
−2-19:20	2498	397	379

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1925phae.proj..659C

Mar 23-24 — 1925

IX

B.

2-31 10

502		
712	210	
2264	240	
2504	450	−3.51

456		322
744	288	
2257	295	
2552	583	293

A.

Mean 337

1379		
1612	233	
3182	235	
3417	468	342

1378		
1600	222	352
3197	205	
3402	427	362

2-3500

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1925phae.proj..659C

March 23-24 -1925

X

	α		
2-46-50	136.1		
	1598	237	
	3198	231	
	3429	468	-342
	1360		
	1598	238	-336
	3186	253	
	3439	491	-331
	β,		Mean = -329
	2210		
	2570	360	
	434	325	
	759	685	-256
	2296		-305
	2500	204	
	458	240	
-2 49.50	698	444	-354

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1925phae.proj..659C

Wednesday March 25-26 — 1925 —

S.S. Aur 060547 Est. 11-0

0-35 — Var. very difficult to observe.

0-37 ~ U. Gem. 074922 Est 11-5

Have declination circle reset.

Sky too poor to Continue —

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1925phae.proj..659C

Thursday Mar. 26-27 — 925

LC obs.

2-1- S.S. Aur. 060547 Est 11.9 ✓

2-3 U. Gem- 074922 Est 12.0 ✓

Observations very difficult
thick haze, Tending to Clear
early evening

Dec. circle reads 2° too far north

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1925phae.proj..659C

Tues Mar 31/32, 1925

L. Cobb 12" Refl

G.C.T.

01 20 SS Aur. 060547 est < 1 3 3

01 23 2 Gem 074922 est < 1 3.4

Alcor 131955

B Phot T.

01 25.5 227.4 < van dis

251.6 24.2

46.2 25.0

71.2 69.2 − 331

227.8 − 3.28

253.2 25.4

46.6 25.2

71.8 50.6 − 324

a 339

Mean = − ~~341~~

317.4

341.4 24.0

136.0 19.6

155.6 63.6 − 358

350

~~354~~

320.6

342.0 21.4

137.2 25.0

01 30.5 162.2 46.4 − 3.43

01 28.0

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1925phae.proj..6590

Mean 31/32 — 1925

	a			II
01 43.0	318			
	340.8	22.2		
	134.8	25.4		
	160.2	47.6	— 3.3A	
	320.6		— 3.22	
	340.2	19.6		
	129.4	32.6		
	162.0	52.2	— 3.17	
	B		Mean = 3.26	
	455			
	688	233		
	228.6	230		
	251.6	463	— 3.44	
	45.2		— 3.31	
	71.4	26.2		
	226.8	25.8		
01 47.7	252.6	52.0	— 3.18	
01 45.4				

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1925phae.proj..659C

Mean 3/1/32 — 1825.

	B			III
0.2	60	44.7		
		73.6	28.9	
		227.6	281	
		255.7	57.0	— 298
		40.8		— 2.83
		74.4	33.6	
		223.4	31.4	
		254.8	65.0	— 268
	R			Mean = — 3.22
		130.8		
		161.4	206	
		319.8	234	
		343.2	440	— 351.
		136.2		3.62
		159.4	23.2	
		323.3	17.7	
02	108	341.0	40.9	— 372

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1925phae.proj..0590

Mar 31/32 – 1925

IV

	a		
02 19 50	1356		
	1605	249	
	3184	286	
	3470	535	−31,2
	1362		
	1596	234	−326
	3186	240	
	3426	474	−339
	B.		Mean = −322
	2256		
	2540	284	
	476	300	
	776	584	−292
	2278		
	2487	209	−318
	458	254	
02 23 00	712	463	−344

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1925phae.proj.659c

100

March 31-32 / = 1925

	B			V
02 -3508	2232			
	2514	282		
	4772	252		
	724	53.4	-3.12	
	2214			
	2543	329	-292	
	4677	310		
	7777	63.9	-272	
	a		Mean =	-323
	3197			
	3397	200		
	1336	274		
	1610	47.4	-339	
	3208			
	3408	200	-354	
	1372	212		
02 3820	1584	41.2	-370	

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1925phae.proj..659C

Mar 31-32 / 1925.

VI

	A		
02-3200	3210		
	3420	210	
	1358	210	
	1568	420	−366
	3199		
	3442	243	−348
	1344	252	
	1596	495	−329
	B		
	462		Mean = −334
	757	295	
	2216	290	
	2556	585	−291
	477		
	714	237	−319
	2288	220	
12 35.25	2508	457	−347

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1925phae.proj..659C

Mar 31-32 - 1925

VII

B-

03-0245 478
728 250
2269 218
2487 468 -342

456 -306
786 330
2252 314
2566 644 -270

-A- -338
1350
1567 217
3202 236
3438 403 -349

1372 356
1583 211
3183 215
03-0550 3398 426 363

1925phae.proj..659c

Mar 31-32 / 1925

VIII

	A		
03 13 30	1362		
	1596	234	
	3189	227	
	3416	461	−345
	1336		
	1628	292	317
	3188	300	
	3488	592	−289
	B		Mean = −298
	2249		
	2582	333	
	460	298	
	758	631	−274
	2244		
	2544	300	279
	450	304	
03 16 88	754	604	284

Bothered by clouds in this group. Probably best to reject it.

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1925phae.proj..659C

Thursday April 2/3 - 1925

12" Alvan Clark Obs

G. C. T.

	U Gem.	074922	Est ——
	Too	near	Moon.
	Alcor	131955	
	Sud-B.	var dis-	Phot I
0-55 00	2240		
	2540	300	
	424	342	
	766	642	-271
	2238		
	2544	306	-281
	472	282	
	754	588	-291
	-a-		
	3185		Mean -3,38
	3386	201	
	1398	180	
	1578	381	-388
	3197		
	3387	190	-396
	1392	166	
0-39:40	1558	356	-403

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1925phae.proj..659C

April 2/3 - 1925-

II

	a		
1-07-0	3226		
	3426	200	
	1374	214	
	1588	414	-369
	3222		
	3432	210	
	1358	227	-363
	1585	437	-357
	B		
	452		
	755-	303	Mean 3 2.6
	2259	307	
	2566	610	
			-2.82
	446		
	758	312	
	2272	265-	-288
1-1032	2537	577	295-

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1925phae.proj..659c

April 2/3 - 1925

Aldebaran

	B			
1 - 12100	430			
	770	340		
	2236	322		
	2558	162	-264	
	422			
	794	372	-262	
	2264	296		
	2560	668	-261	
			Mean = -328	
	a			
	1424			
	1560	136		
	3194	220		
	3414	356	-403	
	1392			
	1558	166	-394	
	3210	218		
1 - 1545	3428	384	386	

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1925phae.proj..659c

Apr. 2 | 3 - 1925

	A	Alcor	
+36'00	137.7		IV
	1538	161	
	3218	190	
	3408	35.1	-406
	1362		
	1563	201	-400
	3233	171	
	3404	37.2	-393
	B		Mean -343
	2254		
	2550	296	
	455	267	
	712	56.3	-300
	2244		
	2574	330	286
	464	310	
1-40'25	777	640	271

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1925phae.proj..659C

April 2/3 – 1925

	B	Aleon	V
-15-8:15	2238		
	2564	326	
	464	333	
	797	65.9	-265
	2252		
	2552	300	-271
	428	324	
	752	62.4	-277
	-a-		Mean = 332
	3211		
	3408	197	
	1368	196	
	1564	39.3	-381
	3211	~~171~~	
	3381	~~171~~	
	1382		-394
P-01:30	1560	170	
		178	
		348	-408

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1925phae.proj..659C

April 2/3 – 1925

VI

	a			
2 12 25'	3212			
	3416	204		
	1374	214		
	1588	418	-367	
	3186			
	3410	224	-360	
	1374	220		
	1594	444	-354	
				315
	B		Mean =	~~315~~
	~~734~~			
	420			
	768	348		
	2238	300	68	
	2538	648	286	
	432			
	767	335'	270	
	2254	300		
2-16 00	2554	635'	273	

Observations increasingly difficult
Too much hoge clouds + moonlight (cts)
& contrary to advantages.

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1925phae.proj..659C

Monday April 6/7 1925

LC obs 12" Polar.

G.C.		5 Gem	065720	Phot R
		Ind. B.	var dis	
0: 17'55		3526		
		3852	326	
		1725	283	
		2008	60.9	- 283
		3600		
		3838	2 38	- 288
		1777	341	
		2018	579	-294
		a		Mean = -302
		2648		
		2934	286	
		887	233	
		1120	51.9	-320.
		2648		
		2964	316	- 3.16
		906	220	
0'	28 45	1126	53.6	-3.11

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1925phae.proj..659C

Monday April 6/7 — 1925

	Alpha	131955	Phot-I	
	Ded B	Varied —		I
δ-35°40	47.0			
	782	312		
	2248	336		
	2584	648	−2.68	
	482			
	765	223	−3.02	
	2266	260		
	2526	483	−335	
	α-		Mean = −3.34	
	~~1586~~			
	1348			
	1568	220		
	3224	220		
	3444	440	−356	
	1366			
	1566	200	−367	
	3202	198		
0 14 25	3400	398	378	

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1925phae.proj..659C

April 6/7 — 1925.

	-a		
0-49:50	1362		
	1582	220	
	3191	223	
	3414	443	-3.54
	13		
	1374		-3.44
	1598	224	
	3194	261	
	3455	485	-3.34
			Mean = -3.21
	2233		
	2573	340	
	4488	286	
	7334	626	2.76
			2.98
	2276		
	2540	264	
	4797	250	
0-5330	7277	514	3.21

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1925phae.proj..659C

April 6/7 – 1925

III

	B		
1-10'00	2238		
	2563	325	
	468	270	
	738	595	-288
	2260		
	2536	276	-290
	436	303	
	739	579	-294
	-A-		Mean = -3,34
	3202		
	3392	190	
	1378	233	
	1611	423	-364
	3213		
	3413	200	-376
	1384	182	
1-1325	1566	382	-387

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1925phae.proj..659C

Apr 6/7 — 1925.

IV

	a			
1-23:35	3186			
	3414	228		
	1354	244		
	1598	472	-340	
	3204			
	3416	212	-351	
	1368	216		
	1584	428	-362	
	B.		Mean =	-32,4
	4972			
	7333	241		
	22510	312		
	25622	553	364	
	437			
	734	297	297	
	2260	292		
1-27-15	2552	589	290	

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1925phae.proj..659C

Apr 6/7 — 1925

V

	B-		
1-48'.25	468		
	747	279	
	2237	350	
	2587	629	275
	a		
	1352		260
	1572	220	
	3184	214	
	3398	434	359
	a		Mean = 301
	1336		
	1636	300	342
	3200	206	
	3406	506	324
	B		
	2226		
	2560	334	
	4578	382	
1-5230	8400	716	245

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1925phae.proj..659C

Apr-6-7 1925

V

B

1-5-8:00

2236		
2532	296	
440	332	
772	628	-2.76

2238		-294
2510	272	
475	265	
740	537	-3.11

-a-

Mean = 333

3200		
3390	190	
1382	203	
1585	393	
	391	-38.1

3212		
3438	226	372
1386	200	
1586	426	363

2 01 -0

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1925phae.proj..659C

Apr-6/7 – 1925

	a			VII
2 02.45	3195			
	3445	250		
	1352	262		
	1614	512	−322	
	3150			
	3438	288	−316	
	1352	248		
	1600	536	−311	
	B		Mean 308	
	467			
	768	301		
	2228	348		
	2576	649	−268	
	464			
	698	234	299	
	2278	260		
2 06.5	2538	494	330	

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1925phae.proj.659C

April 6/7 – 1925

U111

	a		
02; 12; 10	467		
	747	280	
	2252	336	
	2588	61.6	−280
	450		−292
	730	280	
	2268	275	
	2543	5,55	−304
	B−		−337 = Mean
	1348		
	1560	212	
	3200	186	
	3386	39.8	−378
	1398		
	1574	176	−382
	3224	206	
02 15 35	~~3398~~	382	−387
	3420		

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1925phae.proj..659C

April 17 1925

~~B~~

B

IX

2:24:40

1372		
1576	204	
3202	196	
3398	400	-377

1376		
1590	214	-378
3218	184	
3402	398	-378

~~R~~

Mean 379

~~2207~~		
2622	415	
~~428~~	422	
~~859~~	837	

2298		
2518	220	
478	236	
714	456	348

2262		
2516	254	340
480	232	
712	486	-333

2-29:10

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1925phae.proj..659C

April 6/7/1925

	B		
2:32.35	2251.		
	2535	284	
	452	274	
	726	558	-302
	2272		
	2538	266	-298
	448	312	
	760	578	-294
	@		Mean = 341
	3212		
	3387	1.75	
	1356	230	
	1586	405	-3.74
	3222		-384
	3383	161	
	1389	209	
2:35.10	1598	370	394

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1925phae.proj..659C

April 16/17 — 1925

XI

	a		
02;4845	~~2~~ 222.2		
	3404	182	
	1390	178	
	1568	370	3.94
	3228		-384
	3428	200	
	1369	206	
	1575	40.6	-374
	-B-		Mean -331
	458		
	798	340	
	2229	369	
	2598	70.9	-248
	482		
	732	250	278
	2258	294	
02 51;50	2552	544	3.08

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1925phae.proj..659C

apr 6/7 – 1925

1

XII

B.

03:65 00 36.0
770 410
2219 323
2542 733

2.40

418
772 354
2247 307
2554 661

2.64

Mean = 2.52

A

1366 220
1586 214
3192 434
3406

3.59

1366
1548 182
3222 178
03 08 20 3400 360

4.00

~~6~~ '03-13 U Gem 07 49 22 Est 130 ✓

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1925phae.proj..659C

Saturday Apr 11/12 - 1925

L.C. obs

X 23.1 hour angle 2h 2m

Sidereal time 9.28

Object found proved to be N.G.C. 2392 ✓

1-16- ν Gem 074922 Est 13 2
Somewhat cloudy in this region. ✓

1-18. δ Gem 060547 Est - 130 ✓

b Gem 065720 Plot P.
Ind -A- var dis

1- 56'40	2707			
	2892	185		
	912	151	-4.15	
	1063	336		
	2686			
	2913		-394	
	904	227		
	1082	178	-374	
		405		
	-B-			
	1794		Mean -3.82	
	2005			
	3576	211		
	3814	238	-3.51	
		449		
	1783			
	1978	195	-3.70	
	0.0	186		
	18.6	381		
2 - 1.50			-3.88	

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1925phae.proj..659C

Obs. 11/12 - 1925

Hand torch needs repairing

U Bootis 144918

21 - 9 - Clouds in region.

Too hazy & cloudy to

2-44 continue to advantage

1925phae.proj..659C

Monday — Apr - 13/14 1925

12" Plate

G C T. L C obs.

0-33	U Gem	074922	Est 125.	✓
0 35	SS Aur	060547	Est - 12.7	✓
	S Sex	065720	Photometer 70.	
	IND. B		Variable des.	
0 53:10	1778			
	1978	200		
	000	186		
	186	38.6	-3.85	
	1794			
	1982	188	-394	
	1.6	166		
	182	35.4	-404	
	IND-a			
	900			
	1100	200	Mean = -38.6	
	2694	220		
	2914	42.0	-366	
	91.2			
	1104	192	-378	
	2696	186		
0-5 83v	2882	37.8	-389	

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1925phae.proj..659C

126

Apr 13/14 1925.

	Wms. maj	093956	Photometer	L.
	Sub-B	Comp	* dro	
1-25:00	20.0			
	992	792		
	2062	681		
	2743	1473	+063	
	192			
	922	730	+064	
	2056	729		
	2785	1459	+066	
	@		Mean = 1.9	
	1294			
	1718	424		
	3004	486		
	3490	910	+189.	
	1300			
	1782	482	+174	
	3028	544		
1-28:20	3572	1026	+159	

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1925phae.proj..659C

April 13/14 — 1925

	a			H
1 41135	1238			
	1844	606		
	3050	508		
	3558	1114	+139	
	1282			
	1776	494	+162	
	3065	435		
	3500	929	+184	
	B		Mean = +119	
	2086			
	2750	664		
	258	754		
	1012	1418	+072	
	2048			
	2707	659	+076	
	258	721		
1-4430	979	1380	+081	

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1925phae.proj..659C

Apr 13/14 1925

III

B.

1 56.50

2022
2804 782
300 678
978 1460

+1.76
065

2084
2702 618.
266 670
936 1288

082
+18

100

-A-

3686
3580 500
1224 506
1730 1006

Mean = +1.6
+1.08

Mean +1.34

164.

3088
3530 442
1314 404
1718 846

185

206

2--00

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1925phae.proj..659C

April 13/14 - 1925

	a			IV
2 19-15	309.4			
	3526	432		
	1288	440		
	1728	872	+199	
	3082		+195	
	3497	415		
	1319	488		
	1807	903	+191	
	b			+1.50
	259			
	935	676		
	2109	580		
	2689	1256	+107	
	312			
	952	640	+106	
	2086	629		
2 22 00	2715	1269	+104	

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1925phae.proj..659C

130

Apr. 13/14–1925

	B.		V
2:37	32.2		
2:36	916	594	
	2128	580	
	2708	117.4	+125
	312		+108
	952	640	
	2058	700	
	2758	1340	+090
	-a-		III Con +150
	1224		
	1754	530	
	3122	360	
	3482	890	+194
	1262		
	1766	504	+191
	3098	410	
2:39 45	3508	914	+188

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1925phae.proj..659C

Apr 13/14 - 1925

II

	A		
2:46:20	1310		
	1698	388	
	3064	436	
	3500	824	+212
	1300		
	1699	399	220
	3098	368	
	3466	767	229
	B.		Mean 184
	2168		
	2668	500	
	355	500	
	855	1000	166
	2106		
	2676	570	149
	319	573	
2 49 15	892	1143	132

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1925phae.proj..659C

Saturday April - 18/19 — 1925.

17" Polar

G. C. T. L. C. Obs.

0 - 42 -	SS Aur.	060547	Est. 13.0 ✓
0 - 43	U. Gem	074922	Est - 13.0 ✓
	U. Hydrae	103212	Photometer T.
0-58'45"	Ded B	Var.	Obs.
	2652		
	2898	246	
	845	247	
	1092	49.3	-3.30
	2648		
	2844	196	-346
	837	231	
	1068	42.7	-362
	Ded-A-		
	3568		Mean = -356
	3752	184	
	1762	210	
	1972	394	-379
	3538		
	3778	240	-365
	1774	216	
1 +/-58	1984	45.0	351

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1925phae.proj..659c

April 18/19 — 1925.

	S.V. Ms. Maj	10 39 55	Photometer F.
	Sud-B		
1-11-25	75.2	comp *. dec comp *. is	
	1188	the brighter star just	
	2568	436 north of variable	
	2972	404	
		84.8	+2.08
	68.0		
	1248	568	+174
	2508	536	
	3044	110.4	+141
	-a-		Mean = +154
	1618		
	2170	552	
	3384	560	
	3944	111.2	+139
	1642		
	2182	540	+-134
	3363	610	
1-15.00	3973	115.0	+130
1-30.	V. Hydrae	10 46 20	Est 120

Fainter than Southern companion

1925phae.proj..659C

April 18/19 - 1925.

	S T. Urs. Maj	112146	Photometer I.
	Ind-B	Comp.	* dis.
1-41-00	3174		
	4142	968	
	1448	860	
	~~2308~~	1828	~~1772~~
	3184	1772	005
	4166	982	~~168~~
	1404	1018	022
	2422	2000	~~460.0~~
		1600	038
	~~Ind~~ a-		
	4419		mean = -024
	1508	1089	
	2232	1042	
	3274	2131	~~1479~~
		1479	062
	552		-027
	1448	896	
	2348	860	+008
1-44.20	3208	1756	Comp * = * @ 11h-20m
			+25° 40 m

1925phae.proj..659C

April 18/19 – 1925.

	ζ Gem	06 57.2	Photometer	R.
	Red-B	Nau dis -		
-1 54 10	~~2900~~			
↘	838.			
	1108	270		
	2652	260		
	2912	530	-3.14	
	828			
	1168	340		
	2659	266	299	
	2925	606		
			284	
	- a -			
	3528		Mean = -3.12	
	3832	304		
	1768	240		
	2008	544		
			308	
	3580			
	3804	224		
	1764	242	326	
1 - 58 30	2006	466		
			- 3.43	

Is this variable a close double?

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1925phae.proj..659C

April - 18/19 — 1925

T. Lyncis 08 15 34. Phot. F.
Sld. B Comp ✱ dia

2 : 11 - ~~25~~ 40	588		
	1362	774	
	2424	662	
	3086	1436	+070
	583		
	1412	829	+042
	2362	896	
	3258	1725	+014
	a -		mean = +048
	1452		
	2282	830	
	3263	817	
	4080	1647	+029.
	1560		
	2238	678	+054
	3388	710	
2 15;50	4098	1388	+080

comp ✱ = ~~Star~~ ✱ @ $8^h\ 14^m + 34^0\ 1.^{mi}$

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1925phae..proj..659C

April 18/19 - 1925 -

	Zinc maj	11058	Phot V, the
	Ind - R	var. dis	comp * = ~~* to~~
2-37:45	1412		nucleus of the pair
	2288	876	just north of the
	3228	927	variable
	4155	1803	
		1797	+ 001
	1478		
	2322	844	- 020
	3300	744	
	4044	1588	- 040
	-a-		
	~~3308~~		Mean = 000
	482		
	1432	950	
	2843	821	
	3164	1771	005
	468		
	1504	~~1036~~	
	2266	1036	+ 20
2-41:00	3300	~~1034~~	
		2040	
		1560	+ 046

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1925phae.proj..659C

April 18/19 ~~~ 1925

RX. Virg. 11 59 05 Plate T

	Ind-Pb	Comp	* dis.
02-56:25	2516		
	2998	482	
	726	494	
	1620	97.6	+172
	2538		
	3018	480	+178
	787	441	
	1228	92.1	186
	+ :		Mean = +192
	3472		
	3868	396	
	1680	418	
	2098	81.4	+215.
	3438		
	3900	462	+204
	1655	437	
02 59 45	2092	89.9	+192

Comp * = * @ 11 58 - 5-0 3 min.

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1925phae.proj..659C

April - 18/19 — 1925

	Rig Vig Ded B	120106 Var. dec	
03: 05' 40	750		
	1340	590	
	2540	442	
	2982	1032	−1.58
	798		
	1148	350	−198
	2550	392	
	2942	742	237
	Ded a		Mean = − 205
	1744		
	2050	306	
	3492	370	
	3862	676	−259
	1659		
	2142	483	−212
	3414	515	
83 09 0	3929	998	−166

Comp * = * @ 1159 − 5° 52 m.

New 5 Watt Lamp
Iron Post

1925phae.proj..659C

Tuesday Apr. 21/22 1925

12" Polar

L. C. obs

1-56-10	α Gem.	074922	Est. 12.3
2-1-10	α Bootis	144918	Est 11.7
2 13 —	S. Virg.	120905	Est — Too hazy and murky in this region.
2-18-	S. W. Virg	120012	Est 12.0
	S. S. Virg	122001	Est.
2-21-	Sky too murky to continue Bright Stars only are visible		

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1925phae.proj..659C

Wed Apr 22/23 - 1925

L.C. Obs. 12" Polar

G.C.T. U Eri 07h22 ed 9.7 ✓
1 12 Reported very much hazy

SS ~~Cyg~~ Aurigae 06h57 est

r 30 Too cld to see below 10th Magn

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1925phae.proj..659C

Friday Day 1/2 - 1925

12" Polar

G. C. T.

0 -1 -14- U Gem. 074922 Est 120

moon quite bright and sky not over clear -

DM. +15.° 2503 and 2504 Phot IP -

1-23:20 Sad-A Northern component brighter,
~~46.0~~ ~~1038~~ color blue

1498 Southern component fainter
2222 and only slightly less blue
3313 Northern component dis
4180 724
867
1591

1486 040
2288 802 040
3338 795
4133 1597 039

B.
600
1386 786
2348 808
3156 1594 039

622
1332 710 -038
2378 890
1-27:50 3268 1600 -038

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1925phae.proj..659C

May 1/2 -1925

+				II
	Ind B			
	~~1354~~			
1-35,00	637			
	1354	717		
	2358	890		
	3248	1607	037	
	618			
	1374	756	039	
	2394	829		
	3223	1585	~~042~~ 041	
	a		Mean 042	
	3300			
	4074	774		
	1544	742		
	2286	1516	054	
	3333			
	4133	800	045	
	1464	810		
1-3830	2274	1610	036	
		clds		
2 30	Clouds in West			

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1925phae.proj..659C

8/9

Fri. May ~~1~~ 2 - 1925

M.C.T. ~~SCCh~~ 12" Polar

	U Hydrae	103212	Phot T
	D.D.		
1-18-00	843		Variable
	1082	239	
	2652	242	
	2894	481	-336
	840		
	1074	234	-342
	2652	222	
	2874	456	-348
	a		mean -339
	1756		
	2000	244	
	3556	213	
	3769	457	-347
	1739		-336
	1998	259	
	3526	250	
-1-21:20	3776	509	-324

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1925phae.proj..659C

May 8/9 - 1925

	2 Lus. maj	11.5058	Plot T.
	Lus-B6	radius	
1-39.45	1492		
	2236	744	
	3268	776	
	404.4	152.0	054
	1562		
	2251	689	-068
	3298	690	
	3988	1379	-082
	a		Mean = -052
	2420		
	3166	746	
	07.2	815	
	1387	1561	046
	2358		
	3216	858	-036
	386	812	
1-4230	1398	1670	025

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Monday May 18/19 - 1925

12" Polar

D - 5-5"	R Coronae	15 4428	Est 6-1

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1925phae.proj..659C

Tuesday May 19/20 - 1925

12 Polar.

R Leon. 110224

1- 50 Too faint to measure with Plot V.

S S Hydrae 132522

2- 00 Too low down in Log E-

R V Boötis 143533

No good comp * available

S Herc. 160325 Photometer 9.

B Van der.

2 31 in

319.4			
4014	820		
1893	945		
2338	1765	- 006	
3280			
4068	788	- 012	
1378	910		
2288	1698	- 019	
a			930
1437	comp * dim	Mean	+002
2328	891		9.32
3233	865		
4098	1756	+008	
1462		+015	
2318	856		
3228	826		
4044	1682	+022	

2 35 00

Sky too hazy and cloudy for continued readings.

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1925phae.proj..659C

Wednesday May 27/28 - 1925

12" Polar

L.C. obs

S X Hercs 160325 Phot T.

Ind-B

40
1-~~39~~.35

2312	Lamp + div	
3222	910	
538	910	
1448	182.0	~~-1780~~
	1780	-004
2409		
3212	803	+ 012
650	856	
1406	1659	+027

930
Mean = 0.10
Mags 940

a

3290		
4058	768	
1455	815	
2270	1583	+0.41.

3204		
4088	884	+ 008
1350	1054	
1-4420 2404	1938	+ - 024
	1672	

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1925phae.proj..659C

May 27/25 - 1925

Plot V.

	88 Virg	12201	
	Red-B	Comp'd with the 8.6	
1-50:50	46.4		Var. extremely red.
	1468	1004	Var. dis
	2240	1054	
	3294	205.8	
		1542	- 0.49
	487		
	1434	947	- 0.28
	2328	894	
	3222	1841	
		1759	- 0.08
	a -		8.60
	2378	Comp* dis	-033
	3228	850	Magn = 8.27
	552	836	
	1388	1686	- 0.22
	2409		0.38
	3169	760	
	614	754	
1-55:00	1368	1514	- 0.55

Clouds scattered over whole sky -

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Tuesday June 2/3-1925

L C obs.

Nothing but brightest stars seen; moon in Considerable haze.

That that

1925phae.proj..659C

Thursday June 11-12 1925

12" Polar

G.C.T. L.C. obs. Phot. S.

	S X Herc.	160325	
+	Std B	Van Dus	
1.56.30	331.8		
	4096	778	
	143.9	819	
	2258	1597	-039
	3377		
	4187	~~+~~ 810	-026
	1432	~~+~~ 926	
	2358	~~2138~~	
		1736	-012
	a		
	522		Mean = -036
	1360	838	
	2440	736	
	3176	1574	-043
	57.4		
	1356	782	-046
	2440	764	
2.2.10	3204	1546	-049

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1925phae.proj..659C

June 11/12 1925.

R.V. Boo. +4 3533

	Ind. B	Phot T
2:22 45	758	Variable
	1160	402
	2550	408
	2958	810

-2,17

	777	
	1114	337
	2638	278
	2916	615

-248

-280

mean = -245

	1702	
	2052	350
	3505	299
	3804	649

268.

	1658	
	2068	410
	3444	404
2-28 50	3848	814

-242

-215

comp * = * @ $14^h\ 32\frac{1}{2}^m$ +33°

5' (1855)

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1925phae.proj..659C

June 11/12 - 1925

Phot 1.

	RW Boo	43732	
	Dec B	Comp * dec	
2:16:50	1451		
	2306	835	
	3238	876	
	4114	1731	+013
	1438		
	2358	920	+008
	3232	862	
	4094	1782	+003
	a		mean = +017
	2335		
	3186	851	
	5515	834	
	1389	1685	+022
	2368		
	3188	820	026
	549	815	
2-20 30	1364	1635	031

Comp * = 14 34 $\frac{1}{2}$ ^{m} +31° 55.5' (1853)

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1925phae.proj..659C

June 11-12 - 1925

U U Drac 144254

	B.	rad dis	
2 42:m	3155		
	4180	1025	
	1402	940	
	2342	1965	+ 028
		1635	
	3110		
	4162	1052	38
	1374	1006	
	2370	2058	
		1542	+ 049
	a		
	45.4		mean = + 024
	1444	990	
	2338	900	
	3238	1890	
		1710	+ 017
	602		
	1432	830	
v	2289	993	009
δ 46:40	3262	1803	
		1797	+ 061

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1925phae.proj..659C

m

Friday June 12/13 - 1925

12 Polar

L.C. obs.

Photometer I.

	88 Virg. Ind B	22001.	Var dis
1-49-0	2428		
	3092	674	
	626	714	
	1340	1388	080
	2469		
	2104	635	-086
	661	691	
	1352	1326	-092
			940
	a		mean = -084
	3348		856
	4062	714	
	1562	638	
	2200	1352	-087
	3314		-081
	4018	704	
	1538	706	
1-53-0	2244	1410	-075

Compared with the 9.4

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1925phae.proj..659C

June 12-13 / 1925

	RY Boo.	144523	Phot T.
	1 Add-B	Var dis	
2-h 20	144.4		
	2300	856	
	3248	820	
	4068	1676	-024
	1466		-0.10
	2400	934	
	3232	880	
	4112	1814	+003
		178.6	
	a		Mean = -026
	3212	Comp * dis	
	4168	956	
	1433	879	-0.06
	2312	1835	
		176.5	
			-042
	3148		
	4268	1120	
	1349	1079	
2-415	2428	2199	-.077
		140.1	

Comp * = * @ 14h 44.3' +23° 31' 1855

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1925phae.proj..659C

June -12-13. / 1925.

	g. Hercl.	162642	Phot. 7.
	dif B	Var dis	
2-2330	89.0		
	1048	158	
	2674	170	
	2847	328	421
	84.4		-373
	1102	258	
	2632	246	
	2878	504	-325
	a		Mean = 36,4
	1755		
	2018	263	
	3548	284	
	3832	547	307
	1782		
	1963	181	354
	3576	180	
2-2645	3756	361	400

Comp * = star at $16^h.23^m + 41^\circ 45'$ (1925)

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1925phae.proj..659C

June 12-13 — 1925

	UY Here	163038	Phot ☆
	Ind. B	Comp ☆	dist
2-41 15	2558		
	2972	414	
	793	321	
	1114	73.5	2.39
	2620		
	2902	282	266
	806	302	
	1108	58.4	292
	@		mean = 245
	3496		
	3906	410	
	1672	392	
	2064	802	219.
	3492		
	3874	382	224
	1699	389	
2 45 40	2088	771	228

Comp ☆ = ☆ @ ~~+38~~ 20 m 16h 28½m +38 deg

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1925phae.proj..659c

Tues. June 16-17 1925

L.C. obs.

Y. Can Ven. 124846
Dud B Var Dec

Dec. Setter reads 7.8 degrees too far South

2-2720

	3563		Plate T =
	3752	189	
	1786	189	
	1975	378	-389
	3563		
	3766	203	392
	1792	167	
	1959	370	394
	a		
	866		Mean = -361
	1096	230	
	2648	228	
	2876	458	3.47
	842		
	1077	235	-330
	2592	296	
2.30 d	2888	531	3.14

Comp * = * @ 12h 40m + 46 deg. 15m
(1855)

Sky pretty generally hazy-

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1925phae.proj..659c

June

Thursday 18-19 / 1925

L.C. 66 12" Polar - F.T.S rec

8 X Her. 160325 Phot S.

Sug-B.

1-5100 145.5" Variable dis-

2305 85"0

3276 780

4056 1630 -032

1468

2338 870 -028

3288 806

4094 1676 024

900

-a- Mean = -043

2378 857

3152 774

548 160

1308 1534 -0.51.

2409

3122 713 -058

618 751

1-5440 1369 1464 065

Compared with the 9.0

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1925phae.proj..659C

June 18-19 / 1925

Alkor 15 1935
Ind-
2- Too far West

~~7. Ser. 15 1002~~ Phot ☆.
8 J Her 15 4848
Ind B Var Dis

2-20 15	762		
	1182	420	
	256.9	393	
	2962	813	-216
	774		
	1214	440	-210
	2528	412	
	2940	852	-205
	-a-		
	1639		
	2084	445	Mean = 210
	3464	391	
	3855	836	-209
	1676		
	2076	400	-211
	3465	423	
2-24.00	3888	823	-213

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June 18-19/1925.

	R Scuti	18 42 05	Plate V.
	Seq-B	1 Nov dec	
2 -35 40	2480		
	3060	580	
	682	600	
	1282	1180	-124.
	2531		
	3002	471	-150
	711	483	
	1194	954	-177
	a		Mean, 149
	3422		
	3878	456	
	1672	456	
	2128	912	-188.
	3300		
	4000	700	-148
	1631	559	
2 38:15	2190	1259	-107

Comp'd with * South preceding the variable

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1925phae.proj..659C

Fri June 19/20 – 1925

12" Polar LC Obs

B

2 15 324.4
407.7
149.3
230.4

Comp ~~x~~ dri

F3.3
811
1644 +0.30

330.2
401.6
145.6
236.0

71.4
90.6
161.8 +0.35

Mean = +0.32

a

65.6
131.0
245.6
310.4

65.4
64.8
130.2 +0.97

64.8
135.8
246.4
317.2

71.0
70.1
141.8 0.74

2 21

1925phae.proj..659c

June 19/20 - Clear

Same again -

a

2 30 62.2

133.6 71.4

2×60 20 2

316.2 141.6 + 0.74

6 5 6 +0.80

130 8 65 2

24 8 2 20 1

318.3 135.3 + 087

13

Mean = +0.575

141.5

235.0 89.5

330.0 76 2

406.2 165.7 + 0 2)

146 8 +0.30

236.4 89 2

328.6 74 2

2 3 d 402 8 163.4 +0 32

Declination need attention

own half hour needed to identify field.

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1925phae.proj..659C

Tuesday June 23-24/1925

12" Polar

LC obs

	S.X Herd	160325	Photometer T.
	Ind B		Varies
1-47.00	1479		
	2269	790	
	3284	774	
	4058	1564	-045
	1453		
	2333	880	-132
	3236	822	
	4058	1702	-019
			900
	A.		Mean = - 040
	2402		860
	3168	766	
	562	810	
	1372	1576	-043
	2388		
	3178	790	-047
	598	741	
1-51.15	1339	1531	-057

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1925phae.proj..659C

June 23-24 / 1925

June

2- 11- Region found, but June not identified with certainty

2- 21:30 R.A. Cor (B) 153839 Phot. T. Comp * dec

	1412		
	2274	862	
	3254	850	
	4104	1712	+017
	1536		+048
	2252	716	
	3343	673	
	4016	1389	+080
	a		
	2334		mean = 026
	3204	870	
	515	900	
	1415	1770	006
	2322		
	3222	900	
	496	892	004
2- 24 25	1388	1792	
			002

Comp * = * @ 15h 35m +39 deg 10m
(1855)

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1925phae.proj..659C

June 23-24 / 1925

g

g Herc 162642

Lund-B Plot T

2-38 20 1752

2008 256 Cons Var dis

3538 231

3769 487 -383

1778

2029 251 -348

3578 188

3766 439 -356

a -348 Mean

2652

2879 227

3874 223

4097 450 -351

2655

2855 200 -351

3868 250

2 4430 4118 450 -351

Compar = * @ 1625 + 42 30 (1855)

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Friday June 26-27 — 1925

12" Brun
L.C. do.

	a.F. Cyg.	192745	
	Sud-B		Phot F.
2- 49. 45	59.4		Nar dec
	1364	770	
	2480	596	
	3076	136.6	-084
	590		
	1330	740	-078
	2421-	687	
	3108	1427	072
	a		Mean = -0.4F
	1506		
	2282	776	
	3290	852	
	4142	1628	-033
	1566	8	-0.18
	2400	+234	
	3159	947	
2 52.50	4106	1981	-0.02

Comp. * = *@ 19h 27m +46deg 11.m (1855)

1925phae.proj..659C

June 26-27 —— 1925

a. U. Gg 192645
Dud.?
No good Comparason Star near by -

Beta Lyra 184633 Shot R.
Dud B Var. dis Measured with bright & the
nearby comparisons

3 - 16:00	2582		
	2898	316	
	892	176	-328
	1068	492	~~-353~~
	2658		
	2910	252	~~-302~~ -340
	888	196	
	1084	448	-352
	1782		Mean = ~~334~~ 354
	2028	246	
	211	175	
	196	421	-365
	1789		
	2006	211	-367
	00	222	
3 - 13:10	222	433	-359

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1925phae.proj..659C

June 26-27 —— 1925

R. Lyrae 185243 Phot T

Ind. Comp * = brighter of 2 *'s

~~3 20:00~~ 3498 just n. of Var

3:19.00 3798 300 var dis

~~3480~~ 320

3800 620 -279

1728

2018 290 -286

3492 290

3782 580 -294

Ind Mean = ~~262~~ 281

2622

2904 282

802 348

1150 630 275

2618 276

2920 302 ~~243~~

910 322

3 23:00 1132 624 ~~212~~ 277

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1925phae.proj..659C

Tues. June 30/1 1925

ACCb. 12" Polar FTC Rec

	S.X. Herc B	160325	Phot T.
32:15	3333		Var Lens
	4013	680	
	1562	612	
	2174	1292	1,00
	3268		-078
	4038	770	
	1514	734	
	2248	1504	-057
			900
	Sad a		Mean 080
	597		820
	1352	755	
	2408	781	
	3189	1536	050
	672		-083
	1288	616	
	2458	600	
36 -40	3058	1216	-116

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1925phae.proj..659C

June 30/1 1925

g herc. 16 25 42 Phot. F.
Sud B Var dis I

1 5230
1761
1968 207
3547 237
3784 444 -354

1778
1942 164 374
3564 208
3772 372 393

a Mean 3.35
2656
2872 216
827 263
1090 479 -337

-336
2664
2874 210
833 271
1104 481 -336

1 5600

Comp * = *@ 16h 23m +41 deg 45m (1855)

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1925phae.proj..659C

June 30/1 1925

	Sud a			
2-00	2633			II
	2864	231		
	846	252		
	1098	48.3	-3.35	
	2657		358	
	2859	202		
	876	192		
	1068	394	380	
	B		Mean 355	
	3560			
	3748	188		
	1784	220		
	2004	408	-372	
			352	
	3553			
	3793	240		
	1761	248		
2 0420	2009	488	333	

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1925phae.proj..659C

June 30-1 1925

III

	Sud B			
2 11-40	3551			
	3772	221		
	1761	245		
	2006	466	-343	
	3540		-352	
	3752	212		
	1775	219		
	1994	431	360	
	Sud A-		Mean = -354	
	852			
	1088	236		
	2645	207		
	2852	443	-354	
	849		-357	
	1058	209		
	2652	222		
2-15:15	2874	431	-360	

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June 30/1 1925-

	o Hecc.	18328	Photometer 5	~~IV~~
	Grad B		Var Dis	
2 21.00	1823			
	1908	85		
	1.4	94		
	108	17.9	553	
				550
	1828			
	1918	90	~~553~~	
	11	95		
	106	18.5	346	
	a		mean = 5-45-	
	2716			
	2818	102		
	904	110		
	1014	21.2	-5.16	
				540
	2712			
	2798	86		
	920	84		
2-2500	1004	17.0	56.4	

Comp * = * @ $18^h\ 2^m + 28^d\ 40^m$ (1855-)

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1925phae.proj..659c

June 30/1 — 1925

	a			H
2 31-00	2722			
	2798	7.6		
	916	110		
	1026	18.6	-545	
	2698			
	2798	100	-535	
	917	104		
	1021	20.4	-525	
	B,		Mean = 5.44	
	06			
	108	102		
	1837	87		
	1924	189	-5.41	
	1.8		-532	
	104	86		
	1829	85		
2 34:40	1914	17.1	-562	

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1925phae.proj..659C

June 30/1 - 1925

	d Serp	1822.00	Phot	
	Sep B		Var dis	
2-39:45	1702			
	2048	346		
	3484	364		
	3848	71.0	-247	
	1677			
	2049	372	254	
	3502	298		
	3800	67.0	261	
			Mean = -227	
	2559			
	2998	439		
	747	429		
	1176	86.8	200	
	2546		200	
	3013	467		
	748	400		
2-43:00	1148	86.7	200	

Comp. $\star = \star$ @ $18^h\ 20\frac{1}{2}^m + 0^d\ 6^m$ (1855)

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1925phae.proj..659C

June 30/1 —

II

	Dec a		
2 — 45 45	256.9		
	2969	400	
	747	407	
	1154	807	−217
	2574		224
	2948	374	
	755	383	
	1138	757	232
	B		Mean = −230
	3501		
	3838	337	
	1668	450	
	1118	787	−223
	3484		−236
	3828	344	
	1674	359	
2 — 49 — 25	2033	703	−250

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1925phae.proj..659C

Friday July 3-4 1925.

LCbs 12" Polar

Sky too generally hazy.

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1925phae.proj..659c

Wednesday July 8-9 ~ 1925

L.C. obs. 12" Polar.

	S.X. Herc.	16 03 25	Plot 5	
	Dad B	Nav dis.		
2-0-20	3340			
	3948	608		
	1556	681		
	2237	1289	-1.00	
	3318			
	3977	659	-094	
	1555	685		
	2240	1344	089	
				970
	A-		mean	096
	647			804
	1338	691		
	2440	737		
	3177	1428	-072	
	717			
	1258	541	099	
	2494	628		
2-03.45	3122	1169	-126	

Dec'l wire and Dudet need correcting very difficult to find *'s and also difficult to adjust *'s in the field-

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1925phae.proj...659C

Sat July 11/12 1925

12" Polar

S.C.T.

	g. Herc.	162542	Phot. V.	
1-28-24	~~286.0~~ 265.0	18.9		I
	283.9	17.0	Var dia.	
	88.0	35.9	− 4.04	
	105.0			
			−384	
	265.6	18.2		
	283.8	24.2		
	85.0	42.4	− 3.64	
	109.2			
	Ind A.		Mean = − 3.49	
	353.2	23.2		
	376.4	26.7		
	174.7	49.9	− 3.28	
	201.4			
			34	
	355.8	24.0		
	379.8	23.0		
	176.2	47.0	− 3.41	
1-33-25	199.2			

Sky somewhat cloudy. Fumbled somewhat My last observation.

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1925phae.proj..659C

July 11/12/1925

G.C.T.		g. Herc.		
1-37-55	353.8	23.4		II
	377.2	23.0		
	174.8	46.4	− 3.44	
	197.8			
	355.0	24.7	− 3.29	
	379.7	28.3		
	175.7	53.0	− 3.14	
	204.0			
Incl.			Mean 3.46	
	84.8	20.0		
	104.8	2 20		
	263.3	42.0	− 3.66	
	295.3			
			− 3.78	
	87.7	18.0		
	105.7	19.8		
~~1-40-55~~	265.6	37.8	− 3.89	
1-40-55	285.4			

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1925phae.proj...659C

July 11/12 1925

G.C.T.	g	Hera.		
				III
1-50-15	86.4	20.8		
	107.2	15.6		
	268.2	36.4	−3.98	
	283.8			
			−3.80	
	84.7	21.1		
	105.8	21.6		
	266.2	42.7	−3.62	
	287.8			
			Mean −3.54	
	175.2	26.1		
	201.3	26.0		
	353.7	52.1	−3.18	
	379.7			
			−3.28	
	176.8	23.0		
	199.8	24.6		
	352.2	47.6	−3.38	
1-54-12	376.8			

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1925phae.proj..659C

July 11/12 1925

G. C. T.		g. Herc.		
1-58-25	177.8	18.1		IV
	185.9	21.3		
	355.6	39.4	-3.80	
	376.9			
			-3.62	
	176.4	23.5		
	199.9	22.6		
	355.2	46.1	-3.45	
	377.8			
			Mean	3.66
	265.9	20.0		
	285.9	24.2		
	86.4	44.2	-3.55	
	110.6			
			-3.70	
	267.4	18.0		
	285.4	26.3		
	86.3	38.3	-3.86	
2-2-40	106.6			

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1925phae.proj..659C

July 11/12 — 1925

g. Herc.

2-15-47	265.8	18.0		V
	283.8	20.7		
	86.7	38.7	− 3.84	
	107.4			
			− 3.72	
	265.2	18.8		
	284.0	24.3		
	84.0	43.1	3.60	
	10f3			
			Mean 3.57	
	352.4	24.2		
	376.6	25.9		
	174.3	50.1	− 3.27	
	200.2			
			− 3.42	
	355.7	23.0		
	378.7	20.6		
	180.0	43.6	− 3.58	
2-18-10	200.6			

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1925phae.proj..659c

July 11/12, 1925.

G.C.T.	B.	o Herc.	80328	
2-23-35	270.9	8.2		
	279.1	9.0	Phot. T.	I
	92.8	17.2	Var.-dis	
	101.8		-5.62	
			-5.54	
	270.2	9.7		
	279.9	8.9		
	92.7	18.6	-5.45	
	101.6			
			Mean -5.34	
	0.8	10.0		
	10.8	8.4		
	184.0	18.4	-5.47	
	192.4			
			-5.15	
	0.0	11.9		
	11.9	12.8		
	180.0	24.7	4.83	
2-26-10	192.8			

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1925phae.proj..659C

July 11/12, 1925

	A			
2-33-40	0.2	10.6		II
	10.8	10.3		
	180.9	20.9	−5.19	
	191.2			
			−5.20	
	1.2	9.6		
	10.8	11.1		
	181.8	20.7	5.22	
	192.9			
				Mean −5.33
	91.4	10.4		
	101.8	8.0		
	271.4	18.4	−5.47	
	279.4			
			−5.46	
	90.6	9.2		
	99.8	9.3		
2-36-25	270.8	18.5	−5.46	
↓	280.1			

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1925phae.proj..659c

July 11/12, 1925.

	Ind B.	d. Serpentis #2200		
2-42-20	161.4	45.3		
	206.7	42.8	Phot T.	I
	343.8	88.1	Var. dif	
	38.6.6		−1.96	
			−2.02	
	167.6	40.1		
	207.7	41.0		
	346.8	84.1	−2.08	
	387.8			
			Mean − 2.28	
	80.0	31.2		
	111.2	35.2		
	259.8	66.4	−2.63	
	294.0			
			−2.54	
	78.7	34.5		
	113.2	37.0		
	283.7	71.5	2.46	
2-45-36	291.7			

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1925phae.proj..659C

Saturday July 18-19 - 1295

2 Cols. 12" Polar

G.C.T.	δ Herc. 160325		Phot
	Dec -B	Var	Dif
1-39.10	1528		
	2252	724	
	3332	727	
	4059	1451	067
	1552		
	2250	698	-074
	3322	680	
	4002	1378	-082
	9		900
	2587		Mean = 112
	3027	520	1888
	648	584	
	1232	1104	-141
	2518		
	3038	520	
	699	517	149
1-42.10	1216	1037	157

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1925phae.proj..659C

July 18-19 - 1925

g Her 162542 Plate I

	Sid-B	var	dis	
1-49-10	267.4			
	2864	190		
	852	211		
	1063	401	-376	
	270.4			
	2862	158	-370	
	863	267		
	1030	425	-363	
	4		mean = 362	
	3570			
	3766	196	3	
	1766	202		
	1968	398	-378	
	3555		354	
	3788	233		
	1740	258		
1-52-10	1998	491	331	

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1925phae.proj..659C

July 18-19 —1925—

	a			14
+5945	3550			
	3772	222		
	1744	266		
	2010	488	−333	
	3584		−346	
	3788	204		
	1750	228		
	1978	432	360	
	B		Mean = 380	
	866			
	1040	174		
	2674	154		
	2828	328	−421	
	873		−414	
	1043	170		
	2619	181		
02-02 05	2860	351	−406	

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1925phae.proj..659C

July 18-19 1925

	B			II
2 07.20	826			
	1036	210		
	2700	174		
	2874	384	386	
	850			
	1040	190	390	
	2684	182		
	2866	372	393	
	Q -		mean = 368	
	1733			
	1986	253		
	3528	242		
	3770	495	329	
	1710		345	
	1970	200		
	3560	230		
2.1025	3790	430	361	

Too many passing clouds & contrails.
Clouds may have troubled secons group.

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1925phae.proj. 659C

July
Thursday 23-24 — 1925

1

L.C. Ob. 12" Polar

	8X. Her.	160325	Phot T.
49	Sud B	Nan Dis	
-1-48 20	236.3		
	3988	X625'	
	1518'	691	
	2209	31.6	095'
	3330		
	4044	714	-086
	1534	688	
	2222	1402	077
	704		900
	1224	5'20	mean = 110
	2472	675'	790
	3147	1195	-1.20
	706		
	1227	5'21	-135'
	2486	544	
1 53:10	3030	1065'	150

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1925phae.proj..659C

July 23-24 — 1925

	G Her.	162542		
	~~d~~ B	Var	dis	11
-2 0 40	2672			
	2838	166		
	863	195		
	1058	36.1	-4.00	
	2660			
	2826	166	40.2	
	848	190		
	1638	356	403	
	a			
	3555		mean 4.00	
	3688	133		
	1728	244		
	1972	37.7	390	
	3552			
	3650	98	398	
	1737	253		
2 4 00	1990	35.1	406	

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1925phae.proj . 659C

July 23-24 — 1925

II

45

a

2 − 14,880

1938
2178 240
128 240
368 48.0

336

1914
2190 276
125 250
375 526

326

316

B

Mean 358

2844
3016 172
1038 208
1238 37.2

393

2850
3025 175
1018 211
1229 38.6

389

385

21850

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July 23-24 -25

II

	B		
2 29.05	2858		
	3038	188	
	1043	200	
	1243	388	-384
	2853		
	3035	182	-378
	1028	227	
	1255	409	-372
	a		Mean = 352
	112		
	392	280	
	1904	270	
	2174	550	306
	113		
	303	190	-326
	1896	272	
2 32.35	2168	462	345

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1925phae.proj..659C

Friday July ~~23-24~~ 24/25 — 25

Ecl. 12" Polar.

	~~9~~ G. Merc.	162542	
1-54.2	Sep-B		
	2880		
	3033	153	
	1073	135	
	1208	288	4.49
	2864		
	3028	164	4.25
	1028	196	
	1224	360	4.00
	B.		Mean = 3.92
	142		
	364	222	
	1954	214	
	2168	436	-3.58
	118		-3.41
	374	256	
	1948	252	
-15.50	2200	508	-3.24

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1925phae.proj..659C

July 24/25 - 1925

B.

2-3:20

9.8		
328	230	
1900	236	
2136	46.6	-3.43

128		
355	227	-348
1920	218	
2138	44.5	-353

Mean = -388

A

1044		
1198	154	
2862	146	
3008	30.0	-440

1030		
1204	174	-427
2858	164	
3022	33.8	-414

2-07 20

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1925phae.proj..659C

July 24/25 - 1925

				44
16	Q			
2-17-30	1024			
	1208	184		
	2848	188		
	3036	372	-3.93	
	1055			
	1207	152	-416	
	2857	151		
	3008	303	-438	
	P.		Mean -378	
	1953			
	2136	183		
	168	230		
	338	413	-370	
	1918			
	2190	272	-341	
	98	263		
2 1930	363	535	-312	

Sky very hazy
no stars seen near horizon.

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1925phae.proj..659

200

Wednesday July 29/30 - 1925

12" Polar

L.C. obs

I

	S.V. Here	16h32.5	Phot I	
	Dec B		Vis obs	
1-25:45	169.2			
	2406	714		
	3464	752		
	421.6	146.6	064	
	1612			
	2409	797	056	
	3454	758		
	4212	155.5	047	
				900
	a		Mean =	096
				804
	2668			
	3202	534		
	838	576		
	1414	1110	-1.39	
	2668			
	3224	556	135	
	811	593		
1-29:20	1404			
		1149	1.31	

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1925phae.proj..659C

July 29/30 1925

I

	g.herc.	162542		
	Ind-B.			
40				
-1.900	1033			
	1190	157		
	2852	161		
	3013	318	-427	
	1055			
	1216	161	-420	
	2823	180		
	3003	341	-412	
			Mean =	-3.72
	-a-			
	1918			
	2178	260		
	109	239		
	348	499	-928	
	1950			
	2198	~~248~~		
	114	264	325	
-1.4300	318	~~412~~		
		512	322	

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1925phae.proj, 659C

July 29/30 1925

GCT.	a - 9	Hα	
- 1.51 00	1938		
	2102	164	
	150	170	
	320	334	
			-374
	1902		
	2152	250	-355
	113	230	
	343	480	-336
	B		Mean = 388
	2852		
	3028	176	
	1040	180	
	1220	356	-403
	2855		
	3000	145	-420
	1060	158	
1 - 54 00	1218	303	-438
	12.2		Probably troubled
	322	200	by cloud
	193.7	205	Many clouds
	2142	405	in Sky —

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1925phae.proj..659C

July 29/25 – 925

~~Sky~~ Clouds over region
~. Sky too cloudy for any
further observations ~.

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1925phae.proj..659C

Thursday July 30/31 - 1925.

12" Polar

LC. 6hrs

9. C. T.

Tried for 1½ hrs for Resp Sup II. only to find later that worst data was being used.

Eclipse occurred last night.

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1925phae.proj..659C

Saturday August 1/2 - 1925

L C. obs. 12" Ptar.

D C.T. g Herc. 162542. Phot. T.
Ref-B Variable dist.

1-21:10	1033			I
	1218	185		
	2852	166		
	3018	35.1	-40.6	
	1064			
	1202	138	-422	
	2852	166		
	3018	30.4	437	
				3.91
	a		Mean = -	###
	1948			
	2146	203		
	136	197		
	333	40.0	377	
	191.4		360	
	2154	240		
	112	226		
1-25.00	238	46.6	343	

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1925phae.proj..659C

August 1/2 — 1925

28	A-			II
1-29-30	1918			
	2144	226		
	118	230		
	348	456	-348	
	1938			
	2169	231	352	
	132	208		
	340	439	-356	
	B.		Mean = -394	
	2858			
	3008	150		
	1055	153		
	1288	303	-438	
	2839			
	3005	166	-437	
	1060	140		
1,32.10	1200	306	-436	

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1925phae.proj..659C

August - 1/2 - 1925

III

38
1 - ~~43~~.05'

B-

2839		
3018	179	
1041	173	
1214	35.2	-405'

2868		-430
3007	139	
1058	141	
1199	28.0	-455'

Mean = -3.95'

A-

148		
348	200	
1936	213	
2149	41.3	-370

1217		-360
3562	225'	
1927	229	
2156	45.4	-349

1 - 42.10

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1925phae.proj..659C

Aquest 1/2 – 1925

	♀ ~~Here~~ Sud-B	180428	Phot. I
1–5345	2879		
	2968	99	
	1084	84	
	1068	183	–548
	2898		
	2969	71	–582
	1100	64	
	1164	135	–615
	~~R~~ a		~~548~~ Mean = ~~572~~ 539
	18.0		
	268	88	
	1972	130	510
	210.2	218	~~–644~~
			496
	1166		~~–563~~
	284	118	
1–5700	1962	130	
	2092	248	–482

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August 1/2 — 1925

	A			II
2-4:05	146			
	286	140		
	1978	113		
	2091	25.3	-478	
	17.9		-508	
	279	100		
	1974	107		
	2081	207	-522	
	B.		Mean -529	
	1093			
	1162	69		
	2862	100		
	2962	16.9	-566	
	1086		-558	
	1162	76		
	2873	106		
2-07:08	2979	182	-550	

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August 1/2 1925

	B.			HL
9-12.10	1091			
	1172	81		
	2878	84		
	2962	165	-571	
	1091		-580	
	1169	78		
	2887	74		
	2961	152	-589	
			Mean - 585	
	A			
	1983			
	2086	103		
	165	118		
	283	221	-507	
	1976			
	2090	114	sto	
	180	100		
2-16 20	280	214	514	

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August 1/2 1925

	& Sep.	182100	
	Ded - B		Variable Dis. I
23	1.8		
2 - ~~24~~ 20	466	448	
	1814	430	
	2244	878	-197
	Ded A		
	463	463	-196
	1820	428	
	2248	891	-194
	Ded A		Mean = 233
	998		
	1279	281	
	2774	305	
	3079	586	-291
	~~1804~~		
	2227	423	
	2748	710	-272
2 - ~~2748~~	~~4388~~	833	
	2770		
	3078	308	
	986	381	
2 - 29 00	1267	689	-254

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August 1/2 · 1925

II

Q -

2-3300	2803		
	3083	280	
	958	298	
	1256	578	-294
	2795		-289
	3162	307	
	977	300	84
	1277	607	-248

Mean - 242

B.

01		
431	438	
1809	465	
2274	895	-192
11		
482	471	-194
1842	416	
2 3600 2258	887	-195

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Sunday August 2/3 - 1925

LC obs 12" Polar

1:45 to 1:55 Looked for supposed black spot on Jupiter.

- Although numerous irregularities are seen in belt shading no well defined black round spot is discernable

Seeing fairly steady but not good enough for high powers.

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Saturday August 8/9 - 1925

LC Rev. 12" Polar.

E.S.T. 8:30 ℓ Aqui 213843 Est. 11.7

From now on E.S.T. will be recorded in these records.

8 - 33. δ Herc 160325

Too cloudy in this region -

Impossible to see anything

8 - 50. Brightest ~~Stars~~ faint stars only visible

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Mon. Aug 17/1925

P.C.Obs 12" Polar Ft. C. Rd

D Jup III Phot R.
Comp with Sat.

E.S.T.	Reading
8:2:14	Sat. seen coming out. D occultation above obsd. with Phot. on two inch eyepiece but on subsequent photometer Satellite too close to make measures with photometer
8 10 23	Satellite very faint
10 42	" barely seen
10 52	" practically gone
11:08	" gone.

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Fri Aug. 21 – 1925

Clear 12" Polar

E.S.T.

8 25 SS Cygni 21 38 43 est 11.3

SX Her 16 03 20

B Phot I.

8 36 3508 Vandiv

443.8 93.0

181.6 81.8

263.4 174 8 −0.10

354.6

447.2 926 −0.02

179.6 90.2

269.8 1828

1792 +0.05

A 90

84.3 Mean = −0.02

176.4 921 8.98

271.2 820

3532 1741 −0.11

84.4 −0.03

177.6 930

262.6 896

352.2 1826 +0.05

1774

8 41

8 38.5

1925phae.proj..659C

Monday Aug. 24-1925

	S. X. Herc.	160325	Plot T.
	Ind. B	var	dis
8 13 20	3.3		
	966	93.3	
	1806	796	
	2602	172.9	-0.13
	0.3		
	813	810	-028
	180.3	761	
	2'564	1571	-044
			92
	Ind. @		mean = -036
	874		8.64
	1824	930	
	2783	740	
	3523	1670	025-
	993		
	1658	665-	-044
	2718	800	
8 16 50	3518	1465	064

7:50 Ind Aqr 2130 Est 10 x

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Aug. 24/1925

δ Cygni 10.0 with 10.4
7.8 10.0 dis .43
7 55 45 8.3
9.9 Mean - 8.35
7.4
var with 8.5 8.5 dis
14.3
7-57 40 14.6
~~2.5~~ 8.5
17.5 9.4
12 6.
19.0 9.3
14.75
var mit 10,9 var dis
13.4
8.03.30 12 9
15.2 .88
15 4 109
16.9 10.02
14 22
8.5 + var 8.5 dis
15 8
8 8.50 15 8
14 2
14 8
4 60 6
15.15

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Aug. 24 - 1925

	Q Herc	162542		
δ	Dad B	variables		I
8271s	1206			
	1348	142		
	299.4	180		
	3174	322	-425	
	1222			
	1372	150	-428	
	301.0	164		
	3174	314	-430	
	-Q-		Mean	= 406
	2083			
	2298	215		
	30.8	212		
	820	427	362	
	2055			
	2338	283	384	
	249	69		
8-3110	318	352	405	

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Aug 24 - 1925

	a.			II
8-41 45	2098			
	2348	250		
	277	210		
	487	46.0	3.46	
	2088		-340	
	2338	250		
	286	234		
	520	48.4	.334	
	B.		Mean = 372	
	3052			
	3180	128		
	1204	164		
	1368	29.2	4.46	
	3020		404	
	3220	200		
	1184	190		
8 45.30	1374	39.0	382	

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221

B

III

8

4700 3028
3208 180
1208 178
1386 358

401

3044
3186 142
1228 140
1368 282

428

454

Mean = 402

304
504 200
2108 199
2307 399

377

377

30.0
482 182
2088 218
2306 400

377

8-5050

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222 Aug 24 – 1925

~~α~~ 0 Herc. 180328.

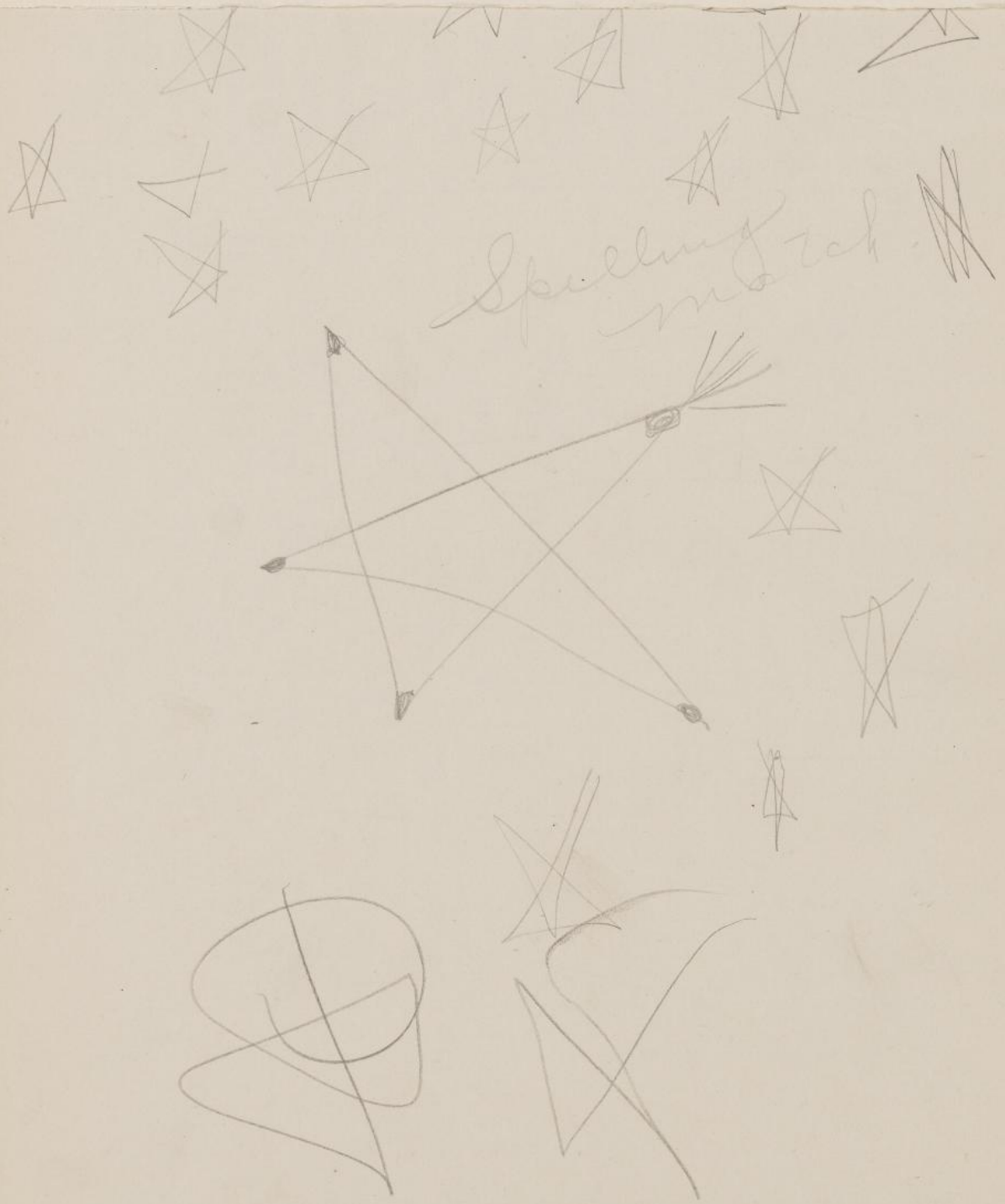
B Nat Dis I

9,02,45

3058			
3132	74		
1242	86		
1328	160	5.78	
3066			
3136	7.0	-5.87	
1240	77		
1317	147	5.96	
-a-			546
3470		Mean --	~~521~~
4477	107		
2147	105		
2252	212	516	
366			
4200	54		~~405~~ 505
2155	181		
9 06-30. 2236	235	494	

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1925phae.proj.:6590

223 Aug. 24 – 1925

II

o Herc.

Ind. a.

9 9 10	3 5 8			
	4 4 8	90		
	2 15 8	69		
	2227	15.9	– 5.79	
	37.2			
	43.7			
	2472	~~70~~	– 587	
	2228	62		
		86		
	B	148	– 595	
	3060			
	3152	92	Mean – 586	
	1242	76		
	1318	16.8	– 567	
	3058		– 584	
	3130	72		
	1248	72		
9 14 10	1320	14.4	– 601	

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1925phae.proj.:6590

9 27 40	3044			
	3130	8.6		
	1250	74		
	1324	160	57.8	
	3055			5^.62
	3158	103		
	1233	81		
	1314	18.4	5.47	
	a			
	369			5^.78
	442	73		
	2167	64		
	2226	13.7	6.11	
	368		5.93	
	446	78		
	2158	84		
9 28 15	2242	162	575	

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