KG
11365
660

1925phae.proj..661C

12 Inch Polar

Variable Star

Observations.

August 1925

To

March 1926.

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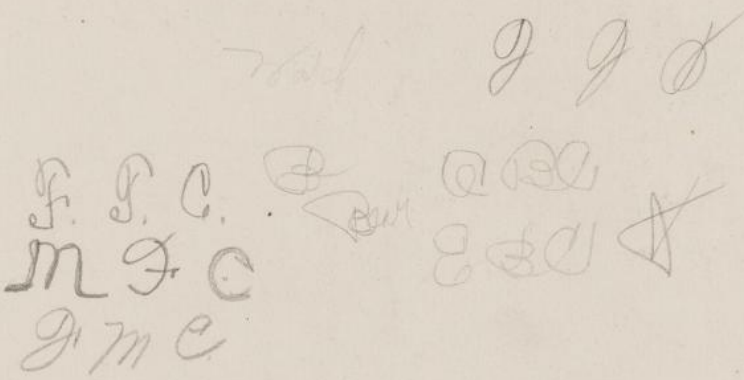
KG 11365.660

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Kg 11365.660

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Tues. Aug. 25/1925

EST.	LC Obs		12" Polar		HC Rec
	~~Lyd~~				
7-8:10	Lyg	173843	Est.	9.7	
		Sky very mucky only faint stars seen -			
		Telescope sets five degrees too far south -			
	ζ Her	180328 -	Photometer T.		
	Lyd-B	Var des			
8-1755	3058				
	3138	8.0			
	1259	6 7			
	1326	14.7	5.96		
	3062	7			
	3134	~~8~~ 2		614	
	1260	5 2			
	1312	12 4	633		
	a				mean 5.89
	359				
	449	9.0			
	2148	90			
	2258	180	5.52		
	36.4				
	439	75			
	2152	87		564	
8-2250	2239	16.2	575		

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1925phae.proj..661C

August 25 - 1925 -

a.

8-27 30	36.3			II
	448	8.5		
	215.6	73		
	2229	15.8	5.80	
	35.9			
	43.8	79		566
	2148	100		
	2248	17.9	553	

B

	1244			
	1328	84		
	3049	90		~~556~~ 576
	3139	174	559	
	1260			
	1324	64		
	3064	72		586
8-31 30	3136	136	613	

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1925phae.proj..6610

Aug 25 1925

IV

B

8:53:00 349
448
215-5
2240

99
85
184

5.47

352
448
2168
2244

96
76
172

5-62

554

A-

Mean = 564

1244
1325
3056
3144

81
88
169

56.6

1258
1332
3070
8-5730 3138

74
68
142

604

5-85

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August 25 1925

	a			
45				
8- ~~44~~ 15	1262			III.
	1312	50		
	3078	60		
	3138	110	-6.59	
	1247			
	1327	80	616	
	3064	84		
	3148	164	572	
	73		Mean	5.84
	2159			
	2252	93		
	347	103		
	450	196	5.33	
	2159			
	2252	93	552	
	364	72		
8- 49:30	436	165	571	

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Aug 25 – 1925

V

	B		
9:03:30	1260		
	1318	58	
	3076	48	
	3124	106	667
	1254		
	1319	65	-641
	3068	70	
	3138	135	-615
	A.		Mean = -597
	2155		
	2248	93	
	355	95	
	450	188	543
	2158		
	2248	90	553
	359	81	
9 07:10	440	171	563

Sky very murky

Observations becoming increasingly difficult.

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1925phae.proj..661C

Thursday August 27 - 1925

~~3358~~ B Equatorial Plate I

100.8	br * dis	
1618	610	
2781	605	
3386	1215	1.16
1052		
1581	529	-131
2818	554	
3372	1083	146
a		
1744		
2459	515	
69	607	
676	1122	137-

Too cloudy to continue further.

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E.S.J.

Friday August 28-1925.

L.C.Rs.

8-54 L.S. Agni. Phot a 8.5 ✓

8 2 Var mid 8.5

7 8 56- 8 3 Var dis

10.0
98
4|363
90 3/4 " 94 Var dis

7 178
8 58 168
174
170
4|680
172

8.5 9.4

7 170
8 5-9 10 190
188
186
4|734
183

8.5 10.9 8.5 dis

8 26.9
8 -02. 286
280
278
4|1113
278 1/4

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1925phae.proj..661C

EST

Aug 28 — 1925

σ Her | 180328 . Phot 7

	B	rad dis	
8 08 9-12.40	3088		
	3192	104	
	1292	106	
	1398	2.10	-518
	3098		
	3201	103	-502
	1269	139	
	1408	24.2	-487
	a		
	386		Mean -4.79
	522	136	
	2174	168	
	3342	30.4	-4.37
	3717		
	508	131	
8	2207	126	456
9-12.00	2326	25.7	474

Comp * = * @ 18h 1.5m + 28 deg, 2.2 mm. = South preceding of 2 *'s (1855)

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1925phae.proj..6610

Aug 28 = 1925

8	B.		
X 21.00	1283		
	1406	1.23	
	3088	124	
	3212	247	483
	1278		
	1402	124	480
	3086	128	
	3214	252	478
	a		
	2175		mean = -46.5
	2326	151	
	364	177	421
	541	328	~~427~~
	2205		
	2313	108	450
8	386	142	
X 25.20	528	250	480

Next comparison star used tonight with apparently better results.

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1925phae.proj..661C

Aug 28 - 1925.

8

A -

~~X~~ 32 20

2195		
2336	141	
3414	178	
5522	319	427

2200		
2324	124	456
3384	122	
5506	246	484

B

3086		Mean 466
3208	122	
1272	130	
1402	252	479

3083		
3206	123	476
1272	135	
1407	258	473

8

~~X~~ 36 20

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1925phae.proj..6610

August 28-1925

8
χ45'50"

B

3066
3208 142
1272 136
1408 278

457

3078
3204 126
1272 142
1414 268

461

465.

a

3078
3216 138
1266 156
1422 294

mean 458

445

3084
3212 128
1276 138
1414 266

456

467

8-48'40

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1925phae.proj..661C

August 28 - 1925

a

8 56:30

3076		
3212	136	
1282	122	
1404	258	473

~~3211~~

3666		
3222	156	-460
1282	134	
1416	290	448

B.

392		Mean = 473
518	126	
2200	120	
2320	246	484

388		486
509	121	
2196	120	
9-00:30 2316	241	488

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1925phae.proj..6610

August 28 - 1925

measured 2 the 2 Comp. *'s
rest comp * dis -

9:02:00	B		
	1816.6		
	2656	790	
	5.8	160	
	818	155.0	- 048
	1952		
	2594	642	- 074
	155	643	
	798	1285	- 101
	A		
			mean 065 -
	2870		
	3564	694	
	1008	704	
	1712	1398	078
	2802		- 056
	3606	804	
	951	818	
9-0630	1769	1622	- 034

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1925phae.proj..6610

Aug 28 – 1921

	R Lyrae	154253	Phot T:	
	Sup B	Nardus		
09-14 v0	2018			
	2318	300		
	224	208		
	532	50.8	-324	
	2071			
	2317	246	-324	
	220	258		
	478	50.4	-325	
	a-			302
	2942		mean ~~605~~	
	3218	276		
	1117	313		
	1430	58.9	-290	
	2936			
	3238	302	281	
	1108	336		
09-17 20	1444	63.8	272	

Comp * = *@ 18h 51.5m + 44 deg. 3 m (1855)

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1925phae.proj..6610

Aug 28 - 1921 —

a

09-3130 2906
3276
1078
1477

370
399
769

229

2905
3250
1092
1428

345
336
681

243

257

B

236
478
2046
2296

242
250
492

331

242
508
2050
09 3435 2314

266
264
530

322

314

mean = 332.

1925phae.proj..661C

Aug 28/1925

B

09 38 00 272
522
2036
2304

250
268
518

III

3.9

332
498
2862
2298

166
236
402

348

376

-a-
1098
1442
2942
3253

344
311
655

Mean 298

266

1088
1468
2863
09 40 25 3256

380
393
773

247

228

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1925phae.proj..6610

Aug 28 - 1925

	a			
09 46 50	1106			1111
	1472	366		
	2878	400		
	3278	76.6	-230	
	1080			
	1428	348	-239	
	2902	360		
	3262	70.8	-248	
	B			
	2064		mean = 2.88	
	2292	228		
	355	130		
	485	35.8	-401	
	1994			
	2209	315		
	228	327	336	
09 50 05	555	642	271	

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1925phae.proj..661C

Sunday Sept. 18 - 1925

E S T

9 - 10 Algiers 213843 Esk. ~~11.7~~ 11.8 ✓

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1925phae.proj..6610

Monday September 22 - 1924

E.S.T. Photometer V.

	R Coronae	154428	Comp'd. with 7.2
	Ded B.	Variable	dif. ✓
7:16:00	118-8		
	161 2	424	
	2940	528	
	3468	952	-178
	1088		
	1684	596	-168
	2984	434	
	3418	1030	-158
	Ded a		720
	1988		Mean = 13.5
	2696	710	585
	183	673	
	856	1383	-0.81
	1967		
	2589	622	102
	2112	560	
7 19:05	772	1182	1.23
7-26	RR Cygni	213843	Est 11.9 ✓

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1925phae.proj..661C

Sept 20 - 1925

Plot I.

	g Here	164522	
	Red B	Nar dis	
7-30 30	309.8		
	329 4	196	
	127.9	211	
	1490	40.7	-3.73
	3126		-375
	3284	158	
	129.8	242	
	1530	40.0	377
	Red -a-		
	378		Mean = -362
	612	234	
	219 6	220	
	241-6	45.4	-349
	378		
	587	209	
	2178	240	-350
7-340	2418	449	-351

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1925phae.proj...6610

Sept 20 – 1925
Saul again

II

	Sept a		
7 45.00	402		
	567	165	
	~~2202~~	182	
	2384	34.7	-40.9
	996		
	586	190	-40.8
	2210	15.8	
	2368	34.8	-40.8
	B		
	1267		Mean = 3.80
	1509	242	
	3084	230	
	3314	47.2	340
	1276		353
	1486	210	
	3090	210	
7-49 00	3300	42.0	366

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1925phae.proj..661C

Sept 20 1925

06 B-

8- N-00

1268			III
1512	244		
3062	240		
3307	484	-3.34	
1263			
1516	253	330	
3072	248		
3320	501	327	
a			
2182		-3.52	
2413	231		
374	226		
600	457	347	
		>7.4	
2200			
2388	188		
408	170		
578	358	401	

8- 10.00

Region too low to continue to advantage.

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Sept. 20 1925.

	R Lyrae	185.243	Plot T.
	Lick B		
8:18.00	264		
	628	364	
	2032	366	
	2398	730	-2.41
	232		
	604	372	234
	2008	404	
	2412	776	227
	1203		Mean 29,8
	1429	226	
	3008	260	
	3268	486	333
	1207		
	1387	180	363
	3027	192	
8 21 30	3219	372	393

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Sept. 20 – 1925.

II

B-

8 40 05

1958		
2218	260	
176	238	
414	498	328
1948		
2240	292	-302
154	388	
492	630	275

a

2856		Mean 294
3163	307	
1043	355	
1398	662	264
2874		
3155	281	289
1077	250	
1327	531	

8 44.10

3.14

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Sept 20 - 1925

III

A

8 53-10 290.0
3158 258
1034 274
1308 53.2 31,3

285.8
3177 319 296
1042 300
1342 619 279

B. 298

196.0
2258 298
172 285
457 583 293

296.6 2 350
2256 ~~3~~ 90
184 260
8 57.25 444 ~~15~~ 50 306
5

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Sept 20 - 1925

μ Cephei 214058 Nau de I

B

9 - 4:00

1010
1409 399
2833 390
3223 78.9 2.23

1000
1450 450
2808 442
3250 892 1.94

a

1916
2364 448
7.4 434
308 88.2 196

1896
2346 450 1.86
34 510
9 06'30 344 960 176

Comp * = *@ 21h 38m + 5-8 deg 35m
(1855)

mean = 1.97

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1925phae.proj..6610

Sept-20-1925

II

A

9 1920

1872
2352
94
524

480
430
910

-1.89

1915
2314
93
493

399
400
799

204

220

B

Mean 217

2818
3248
1000
1434

430
434
864

201

786
3098
978
1444

312
366
678

230

92300

258

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1925phae.proj..661C

Sept 20 - 1925

B

9 31:40

2810
3224
984
1489

414
499
913

188

2813
3215
1013
1443

402
438
832

- 199
- 218

Mean = 208

A

8.8
478
1916
2322

390
406
796

221

128
494
1838
2319

366
481
847

214
206

9.34:45

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1925phae.proj..6610

ε 8

~~ε C T.~~

Wednesday Sept. 23 - 1925 -

7-45	ζ Cygni	213843 -	Est 11.9 ✓
	g Herc.	162542	Photometer T.
	Set - B		
7-52.05	290.8	Nau des	
	3106	198	
	1102	175	
	127.7	37.3	3.92
	2928		
	3102	174	401
	1118	170	
	1288	34.4	4.10
	a		
	198		
	436	238	Mean = 363
	1992	236	
	2228	47.4	-3.39
	17.8		
	462	284	3.25
	1958	254	
7.5645	2212	53.8	311

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1925phae.proj..661C

Sept 23 - 1925

R Lyrae 185243 Phot F

Sept. B

7-59.30 11.6 3
478 862
1888 411
2299 787.3

~~772~~
228

116
496 380 230
1898 376
2274 756
233

a

Mean = 2.94

1087
1342 255
2902 224
3126 479 3.37

3.58

1092
1286 194
2896 204
3160 398 378

8 (3 30)

1925phae.proj..6610

Sept 23 - 1925

a

8 15.15	1072		II
	1312	240	
	2928	217	
	3140	457	3.47
	1092		.350
	1298	206	
	2906	238	
	3144	444	3.54

-B-

	1924		Mean = 30.9
	2312	388	
	150	346	
	496	734	240
	1942		
	2249	307	268
	176	270	
8 18.30	446	577	295

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Sept. 23 - 1925

	B.			
	188.8			1.11
8 31.15	2268	380		
	154	304		
	458	684	-256	
	1952			
	2252	300	-271	
	136	300		
	436	608	-286	
			Mean =	302
	a			
	2874			
	3122	238		
	1088	220		
	1308	458	-347	
	288.8		-332	
	3158	270		
	1062	256		
8 35.00	1318	526	316	

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1925phae.proj..6610

Sept. 23 - 1925

IV

A

9:02:10 2855
3148 293
1066 250
1316 543 -3.09

2898
3152 254 327
1089 207
1296 461 345

B - Mean 3.10

154
428 274
1946 298
2244 572 2.97

164
460 296 292
1946 305
9:05:40 2251 601 286

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1925phae.proj..661C

Sept 23 - 1925

B.

9:-21-00

16.6
438
1953
2238

272
285
557

303

142
446
1948
2260

304
312
616

292

280

A-

Mean = 307

1079
1319
2888
3172

240
284
524

317

1077
1307
2886
3153

9:24:20

230
267
497

322

328

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1925phae.proj..6610

Sept 23: 1925

Mr Cephei

Phot T.

9-3 100 D

	1868	Nav des	I
	2342	474	
	108	388	
	496	862	202
	1898		
	2382	484	190
	54	468	
	322	952	178
	a		
			mean = 211
	2822		
	3208	386	
	1014	416	
	1430	802	219
	2850		232
	3166	316	
	998	400	
9 35: 10	1398	716	245

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1925phae.proj..661C

Sept 23 - 1925

a -

9:39 m

2819		
3198	379	
1018	404	
1422	78.3	2.25
2796		
3242	346	226
1010	424	
1434	77.0	228

B -

052		Mean = 198
532	480	
1874	538	
2412	1018	- 1.61
66		170
514	448	
1866	498	
9:42:20 2364	946	179

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1925phae.proj...6610

Sept. 23 - 1925.

B

9 46 00

6. 6		
5 4 4.	478	
1864	502	
2366	98.0	-1.71

III

9.6		-2.10
440	344	
1938	364	
2302	70.8	2.48

mean = 202

-A-

1008		
1498	490	
2819	419	
3238	909	189

1002		
1446	444	194
2796	428	
9 49 10 3224	872	199

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1925phae.proj..661C

Thursday Sept 24 - 1925

7- 15. SU Cygni 213843 Est 11.9

7- 19- S.X. Herc. 160325 Est = 9.4
Region too low in haze for photometer

7- 22. RX Herc 160625 Var. if seen = 11.2

7- 30. Fog and haze too dense to continue further -

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1925phae.proj..6610

Fri Sept 25/1925

Lick 8 PTC Rec 12" Aber

X 6-58	SS Cygni	213843	Est-119
	S. X. Herc.	160325.	Photometer F1
	Def-B	Comp + dis	
7-01.00	2698		
	3360	662	
	864	688	
	1552	135.0	+.088
	2548		
	3434	886	+.050
	758	848	
	1606	173.4	+0.13
	A		Mean = +0.12
	2630 Vardis	7	912
	3418	838	
	816	826	
	1642	1564	-.045
	2617		
	3446	834	-0.27
	748	918	
07-05.00	1666	1752	-.009

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1925phae.proj..661C

Sept 25 - 1925

	g. Herc			
	Sud VB.	16 25 47		I
7 13 45	289.8	Nardes		
	3134	236		
	1102	196		
	1298	43.2	360	
			360	
	2838	2		
	3078	840		
	1067	191	360	
	1278	43.1	~~216~~	
	a			
	214		Mean = 364	
	416	202		
	2014	190		
	2204	39.2	381.	
	20.0		3.68	
	416	216		
	2006	228		
07 17 20	2234	44.2	355	

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1925phae.proj..6610

Sept 25 — 1925

R. Lyrae
Field - B 185243.

7-28-15

1952		I
2259	307	
108	330	
438	637	- 273

1928		
2288	360	- 260
127	351	
478	711	
		247

a

2902		-298
3166	264	Mean = ~~348~~
1084	240	
1324	504	-325

2903		
3128	225	-336
1096	234	
1330	459	-346

7 31 18

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1925phae.proj..661C

Sept 25 1925

II

7 50 15

a

2920
3159
1066
1278

239
212
451

350

2874
3162
1066
1326

298
260
558

326

302

B

128
490
1928
2304

362
376
738

Mean = 287

238

128
458
1922
2266

330
344
674

248

259

7-53 50

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1925phae.proj..6610

Sept 25 1925-

B-

8-10 05 1968 — III

2262 294

148 300

448 594 −288-

1937

2287 350 −272

148 336

484 686 −255-

−305

mean = ~~350~~

A

2902

3138 236

1069 260

1329 496 −329

−338

~~2896~~ ~~288~~

3124 228

1018 229

8 13 40 1307 457 −347

1925phae.proj..661C

Sept 25 — 1925

B —

8 — 33.45

287.4		
316 4	290	
1058	270	
1328	560	302
2903		
3156	253	318
1058	229	
1317	F8.2	335

— a —

Mean = 302

16.6		
426	260	
1978	302	
2280	562	301
1420		287
464	302	
1930	334	
8 36-45 2264	636	273

8

8

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1925phae.proj..6610

Sept 25 - 1925

A -

8 - 50 30

162		
436	274	
1947	315	
2262	58.9	290
148		
448	300	
1966	296	288
2262	59.6	
		287

- B -

1166		
1338	232	Mean = 296
2888	~~442~~	
~~1020~~	~~4~~	
3178	290	
1030	52.2	317
1328		
2878		
8 - 54:45 3162	298	305
	284	
	58.2	
		293

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1925phae.proj..661C

~~Thursday~~ Sept 25 - 1925

μ Cephei 214058

Sud B. var des

I

9-01.00	1892		
	3347	45.2	
	94	45.0	
	344	90.2	168
	1894		
	2343	449	
	38	500	174
	358	949	
			179
	a		
	2834		Mean = 20.4
	3200	366	
	1044	350	
	1394	716	245
	2840		
	3196	356	234
	998	430	
9-00.00	1426	786	224

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1925phae.proj..6610

Sept 25 – 1925

A -

9-10-20	2838	394		II
	3232	~~090~~		
	966	474		
	1440	868	-200	
	2814			
	3192	378	-221	
	1128	350		
	1378	728	-242	
	(B)			
	34		mean = 198.	
	358	524		
	1852	460		
	2312	984	170	
	93			
	525	432	175	
	1872	510		
9-14-20	2382	947	180	

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1925phae.proj..6610

Sept 25 – 1925

I-11

9 20 00	B		
	S.S.		
	555	500	
	1916	327	
	2843	~~1427~~	
		827	-212
	10.2		
	502	400	-222
	1934	362	
	2296	762	231
	a		
	1020		Mean = 222
	1386	366	
	2842	347	
	3189	713	246
	796		
	1416	420	223
	2795	447	
9 23 00	3242	867	201

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1925phae.proj..6610

Sept -28- 1925

	V. Vulpec	203226	
	Ind - B.	Comp * =	* @ 20.33 + 25.58
9:32 20	1996	Comp * dis	
	2236	240	
	184	242	
	426	482	+335-
	2005-		
	2206	~~201~~	
	197	~~+810~~	+356
	~~2007~~	201	
	396	199	
	a	400	+377
	1106		
	1322	216	mean = +340
	2902	233	
	3135-	449	+35-1
	1088		+324
	1348	260	
	2848	311	
9-3645	3159	571	+297

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1925phae.proj..6610

E.S.T.

Monday Sept. 28 - 1920

7- 03- S.S. Aqui 213843 Est 11-9

ε Herc 180328. Comp with star just South + following.

20 55 B

07-2545 ~~21 48~~

245 193

359 114

207 -522

2052

2177 125 506

237 115

352 240 489

9

2962 Mean = 5-18

3038 ~~176~~

1140 119

1259 19.5 535

2969

3056 87 530

1162 100

7- 20:20 1262 18.7 544

Comp * on above group = * @ 18h 2.5m + 28° 40' (1855.)

1925phae.proj..6610

Sept 28 - 1925

~~a~~ B

II

7 44.30	2942		
	3078	136	
	1128	131	
	1258-9	26.7	4.66
	2948		492
	2058-9	111	
	1144	100	
	1244	21.1	517
	a		
	209		Mean = 460.
	369	160	
	2038	144	
	2182	304	-437
	228		
	388	160	-428
	2028	172	
7-48.5	2200	33.2	-418

Same comp * used as on August 28-29

7-44 R Coronae = 6.0 in field glass

7 11 R Scuti = 5.8 in field glass

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1925phae.proj..661C

Sept. 28 – 1925

a

8-06-25

2228 –			III
3944	166		
2028	176		
2204	342	-411	

2228 –		-423
3777	149	
2024	158	
2182	307	-435

B

1153		Mean = 448
1273	120	
2944	128	
3072	246	-482

1132		-474
1278	146	
2958	119	
3077	265	-467

7-10-00

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1925phae.proj..6610

Sept. 28-1925.

IV

	TB.		
8-3405	1128		
	1255	127	
	2955	111	
	3066	23,8	-491
	1130		
	1264	134	480
	2954	129	
	3083	26,3	469
	-A-		Mean = -462
	2043		
	2188	145	
	236	152	
	388	29,7	-442
	2038		
	2198	1.60	-444
	240	134	
8-3745	374	29,4	-445

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1925phae.proj..661C

Sept 28 - 1925

IV

	Dy a.		
8 -47.20	2020		
	2200	180	
	242	146	
	388	32.6	-4.22
	2038		
	2192	154	-429
	232	157	
	389	31.1	-432
	B.		
	2956		Mean = 452
	3083	127	
	1158	110	
	1268	23.7	-492
	2939		-478
	3088	149	
	1138	126	
8 -51.60	1253	24	-464

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1925phae.proj..6610

Sept. 28 — 1925

μ Cephei — 214058

Ind. A — Nau dis

08-3645

1004			
1394	390		
2838	368		
3206	758	-2,32	
1024			
1372	348	-241	
2833	353		
3186	701	-250	
-B-			
74		Mean =	204
582	508		
1862	532		
2394	1041	-156	
6.6			
336	470	-168	
1906	473		
2379	943	180	

09-0021

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1925phae.proj..661C

Sept 28 - 1925

II

B

9-07 35 1.8
3 5 2 3 3 4
1 9 3.0 4 5 6
2 3 8 6 79.0 -222

6 8
3 5 8 4 9 0 -200
1 9 2.0 4 6 6
2 3 8 6 95.0 178

-9-
1 0 2 8 mean = -212
1 4 0 7 3 7 9
2 8 3 2 3 4 6
3 1 7 8 72.5 -243

1 0 1 5 -225
1 4 4 4 4 2 9
2 8 0 4 4 1 4
9 10-50 3 2 1 8 84.3 -207

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1925phae.proj..6610

Sept 28-1925

22

	a			
9-~~16~~ 20	1014			III
	1414	400		
	2792	442		
	3234	842	−20.7	
	1032			
	1372	340	−232	
	2844	342		
	3186	682	−257	
	B		mean = −196	
	1874			
	2378	504		
	44	493		
	537	997	−166	
	1832			
	2352	520	−159	
	21	537		
9-2620	558	1057	−152	

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1925phae.proj..661C

Sept 28 - 1925

B

IV

9-33:50 1889
2350 461
6.2 460
52.2 92.1 -186

1882
2362 480 189
10.4 414
51.8 87.4 193

-A-
2800 mean = 192
3218 418
1002 406
1402 81.8 214

2834
3214 380 195
1008 578
1586 95.8 176

9.37

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1925phae.proj..6610

Sept 28 – 1925

V

	a		
9-43.5	2786		
	3248	462	
	982	420	
	1402	882	196
	2828		204
	3218	390	
	984	440	
	1424	830	211
			1.87
	B		Mean = ~~1.87~~
	68		
	606	538	
	1836	546	
	2382	1084	~~1.43~~
			145
	6.2		170
	518	456	
	190.8	433	
	233.3	889	
9.46.15			194

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Sept 28 – 1925 –

Suf B

VI

10-16-10	3514		
	4200	686	
	1828	570	
	2398	1256	107
	84		
	600	516	132
	1898	520	
	2318	1036	157
	@		Mean = -1.8)
	1068		
	1378	310	
	2869	326	
	3195	636	311
			273
	786		
	1422	436	242
	2822	393	
10-13:10	3215	829	211

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1925phae.proj...6610

Tuesday Sept. 29 - 1925

7-43 S.S. Cygni 213843 Est. 11-9

R Sauti 184205 Photometer T.

Ind B Variable Ds.

7-4550 ~~3972~~

2712

3308 596

968 504

1472 110.0 -147

2774

3234 460 -157

912 516

1428 976 -172

a @S

3574 710

4312 738 mean = 121

1700 764 Mag = 5.89

2464 150.2 057-

3552

4238 686 085

1836 542

7-49140 2378 1228 113

Comp with * South preceding the Variable = 7-11

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1925phae.proj..661C

Sept. 29 - 1925

8 . 8	Nova Aquilae	184300	Est 10 4
8 -	R Lyrae	185243	Phot. F.
	Sept - B	Variable	dis.
8-1030	192.2		
	2304	382	
	128	346	
	474	72.8	242
	1953		
	2268	315	268
	172	264	
	436	57.9	294
	a		
	2893		mean = -292
	3128	235	
	1088	214	
	1302	449	351
	2874		316
	3168	294	
	1052	316	
8 13:45	1368	610	282

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1925phae.proj..6610

Sept 29 - 1925

~~B~~ - A

8-20 30

2902		
3173	271	
1047	261	
1308	53.2	-3.13
2878		
3124	246	325
1082	232	
1314	47.8	337

~~A~~ - B

154		Mean = -302
424	270	
1940	298	
2238	568	298
156		
476	320	284
1938	346	
2284	666	262

8-24 00

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1925phae.proj..661C

Sept. 29- 1925.

III

	~~A~~-B		
8-3440	13.8		
	469	331	
	1942	316	
	2258	64.7	-26.9
	16.6		
	430	26.4	284
	1954	305	
	2259	56.9	298
	~~B~~-a		
	1058		mean = 300
	1244	186	
	1878	270	
	3148	45.6	-3.48
	1072		
	1368	296	316
	2854	311	
8-3800	3165	60.7	-2.84

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Sept 29 - 1925

a

8-5 6 30

1055			
1322	267		
2848	318		
3166	585	292	
1072		312	
1347	275		
2874	260		
3134	53.5	312	
1968		Mean =	292
2240	272.		
160	284		
444	556	303	
1948		282	
2278	330		
142	340		
482	67.0	261	

8 5 9 40

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1925phae.proj..661C

Sept. 29 – 1925

07
9-~~12~~45

Ind. B-

192 2		
227 2	350	
142	321	
463	671	260

196 6		
223 6	270	287
162	260	
422	530	314

-A-

2894		mean = 288
3134	240	
1069	263	
1332	503	326

2863		289
3188	325	
1024	371	
9-11 10 1395	696	252

Troubled by clouds in above group.

Sky all covered by clouds
No use to continue further

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1925phae.proj..6610

Wednesday Sept 30 1925

7:12	Sd Aqmi	213843	East 119
	R Lucite	184205	Phot T.
	B	Var dis	
7:16:45	2766		
	3248	482	
	972	477	
	1449	95.9	-176
	2748		
	3298	550	-164
	939	509	
	1448	105.9	-1,51
	a		710
	3.7		Mean = 128
	662	625	582
	1808	650	
	2458	1275	103
	3524		
	4218	694	.091
	1774	700	
7-19:50	2474	139.4	079

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1925phae.proj..661C

Sept 30 - 1925

13.4 R Scuti Plate A (HCO)
7- 20.00 130
152
148
4)56.4
14.1 = Mean

R Lyrae 185243 Plate T
Std - B Variables
7- 47.00 1914
2314 400
136 412
348 81.2 -216

1916 -220
2308 392
88 390
478 78.2 -225

-a- Mean = -282
2919
3128 219
1080 208
1288 427 -362

2888 -344
3139 251
1069 254
7- 50.40 1324 505 -325

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1925phae.proj ..6610

Sept 30 1925.

	a			
7-57.20	2878			II
	3140	262		
	1078	239		
	1317	501	-327	
	2904		-340	
	3114	210		
	1082	236		
	1318	446	-353	
	B		Mean = -274	
	104			
	488	384		
	1916	403		
	2319	787	223	
	102		217	
	462	360		
	1934	470		
8-00.35	2304	830	211	

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1925phae.proj..661C

Sept 30 - 1925

	B		
8 13:10	84		III
	508	424	
	1942	396	
	2338	820	-214
	7.8		
	498	420	-216
	1934	385	
	2319	805	-218
	-9-		Mean 281
	1054		
	1337	283	
	2902	250	
	3152	533	-313
	1098		346
	1288	190	
	2908	206	
8 16 30	3114	396	379

Too much moon haze to continue
8:53 to advantage

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1925phae.proj...6610

~~Sept 30 1925~~

E.S.T. Wednesday Oct 7 - 1925

7-7-10	δ Aqui	213843	Phot T
	R Scuti	18420S	
	Ind-B	~~Variable~~ Comp*	comp. mag 7.1
7-0,50	3278		
	4918	1240	
	1466	1302	
	2768	2542	
		1058	— 1.52
	3248		
	4464	1216	
	1455	1251	1.43
	2706	2467	
		1833	— 1.34
	a		7.1
	7512		Mean = — 0.88
	1758	1006	6.22
	2550	922	
	3472	1928	
		1672	— 0.24
	630		
	1674	1044	— 033
	2583	975	
7-09-05	3558	2019	
		1581	— 042
	Phot a	—	
	4.8		
7-14:30	50		
	4.9		
	68		
	1215	533	

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1925phae.proj..661C

October 7 – 1925

	Hare Surf-B	180328- radius	Phot T.	I.
7-4135	1116			
	1248	132		
	2958	104		
	3062	23.6	-493	
	1132		-496	
	1253	121		
	2953	109		
	3062	230	-498	
	A.			
	2028		mean = 483	
	2166	138		
	2400	128		
	3688	26.6	-467	
	2047			
	2168	124	470	
	2422	134		
7-45-20	3766	25.8	473	

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1925phae.proj..6610

Oct. 7 – 1925

II

	A-		
7-49-45	2128		
	2168	140	
	220	142	
	362	282	454
	2036		
	2188	152	-446
	227	152	
	379	304	-437
	B		Mean = -460
	2940		
	3068	128	
	1122	145	
	1267	273	-461
	2952		473
	3068	116	
	1118	129	
7-5345	1247	245	485

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1925phae.proj..661C

Oct-7-1925

III

	Ind. ~~B~~.		
8-05.20	2952		
	3088	136	
	1132	112	
	1244	24.8.	-4.82
	2963		
	3063	100	-484
	1118	144	
	1262	244	-486
	9-		mean 464
	248		
	369	121	
	2029	178	
	2207.	29.9	441
	229		
	362	133	445
	2024	155	
8-09-20	2179	288	449

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1925phae.proj..6610

Oct 7-1925.

R Lyrae 185243. Phot. 9. V

	13	Var dis	
8 15 50	15.1		
	477	326	
	1918	396	
	2314	722	-243
	130		
	448	318	258
	1938	317	
	2255	635	273
	9-		
	1074		Mean 2.78
	1327	253	
	2879	250	
	3129	503	326
	1038		298
	1358	320	
	2858	327	
8-19 00	3185	647	269

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1925phae.proj..661C

Oct 7 – 1925

8:23:05

A –

105-6
135-6 300
285-8 350
3208 650

-268

1076
1316 240
2898 240
3138 480

336

B

1932
2277 345
145 302
447 647

269

1944
2288 344
92 387
479 731

241

255

Mean = 278

08 26 45

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1925phae.proj..6610

Oct 7 - 1925.

II

- B. -

8-38:20

194.0
2274
132
475

334
343
677

259

1033
2272
128
462

239
334
573

258

296

Mean - 290

a
2892
3123
1079
1325

231
246
477

338

2823
3163
1055
1371

240
316
656

302

266

8 42 0

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1925phae.proj..661C

Oct 7 - 1925

	Dud Ho			IV.
8-48-3v	2876			
	3188	312		
	1039	300		
	1339	612	281	
	2869		308	
	3112	243		
	1071	238		
	1309	481	336	
	VB		mean = 288	
	138			
	434	296		
	1952	289		
	2241	585	292	
	137		268	
	498	361		
	1914	364		
8 52 15	2278	725	243	

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1925phae.proj..6610

Oct 9 - 1925

8 58 30 ↘

	B		V
	11.8		
	487	369	
	1937	329	
	2266	698	-2.51
	130		-2.64
	452	322	
	1956	280	
	2236	602	-2.85
	a -		Mean = -2.80
	1092		
	1318	226	
	2872	236	
	3108	462	-3.45
			3.12
	1048		
	1351	303	
	2858	314	
89 : 620	3172	617	-2.80

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1925phae.proj..661C

Oct 7 – 1925

μ Cephei 214058 Phot F. I

6	Bud B	Vardis	
9-X 35	1886		
	2388	500	
	3.2	564	
	5.96	1064	-150
	1872		
	2338	466	-168
	64	450	
	5.14	916	-187
	2826		mean = -191
	3177	351	
	1032	396	
	1428	747	-236
	2808		
	3242	434	-214
	1013	415	
~~X 1~~	1428	849	-193
~~9 X 50~~			
9950			

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1925phae.proj..6610

Oct 7 - 1925

	a		
			II
9 - 19:25	2804		
	3216	412	
	956	480	
	1436	89.2	-194
	2829		
	3184	355	-216
	1004	388	
	1392	743	-237
	-78-		mean -197
	1862		
	2390	428	
	62	461	
	533	88.9	-194
	1868		178
	2374	506	
	30	508	
9 - 23:00	538	101.4	162

Clouds near region -
Sky pretty generally
cloudy -

"Good night" -

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1925phae.proj..661C

Tuesday October 13 - 1925

7--09 δ Cygni 213843 Est 12.0 1 ✓

δ Hele. 180328. Phot C.

Ded B Var dis

7-2600

2972		
3042	~~+0~~ 70	
1154	78	
1222	148	595
2962		
3052	+090	594
1170	59	
1229	149	593
a		mean = 564
2710		
372	102	
2053	89	
2142	191	539
2715		
364	89	534
2047	112	
2159	201	528

7-3045

Comp * = * @ 18h 1.8m + 28 42. 1855

which is the * just South preceding the variable

1925phae.proj...6610

Oct 13 - 1925

~~A~~ - B Same again comp'd II

7 - 4.00	2998	rat * first Sand following the	
	3055	57	Parallel -
	1058	54	
	1212	11.1	657
	300.2		
	3048	46	6.66
	1168	56	
	1224	10.2	676

a

~~272~~		Mean = 59.4
~~360~~	88	
2072	85	
~~2757~~	17.3	5.61
240		
348	108	
207.0	104	
7 - ~~44.20~~ 2154	21.2	516
24.4		522
338	94	
2058	106	
7 46 10 2164	20.0	529

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1925phae.proj..661C

~~C~~ 13/1925

R Lyrae 185243.
Std B Van des.

7-5930

1898		
2268	370	
10.9	379	
488	74.9	2.35
1922		238
2307	385	
118	345	
463	73.0	241

Mean = 283

a		
2888		
3138	250	
1087	246	
1333	496	329
2914		
3137	223	
1062	275	328
1337	498	
		328

8-63100

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1925phae.proj..6610

Oct 13/ 1925 -

11

	37	a		
8	~~42~~ 45	2896		
		3139	243	
		1082	248	
		1330	491	-331
		2888		
		3124	236	-331
		1079	255	
		1334	491	-33.1
		137		mean = 270.
		504	367	
		1879	476	
		2355	843	
				~~270~~ 277
		98		
		498	400	210
		1892	420	
8	-41-00	2312	~~82.0~~	214

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1925phae.proj..661C

Oct. 13 - 1925

16

B.

9-02 40 11.0
481 37.1
1912 40.0
2312 77.1 -228

14.4
494 350 -241
1912 340
2252 69.0 -254

A. Mean = 284

1082
1294 212
2896 234
3130 44.6 35-3

1034 326
1364 230
2888 240
9-05 50 3128 57.0 298

9-11- R Scuti 184205 Est 6.0
Observed with 2 inch telescope
9 23. RX And. 005840 Est 13.8
Var. well seen with high power
Obs dec 98.4

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1925phae.proj..6610

Oct 13 - 1925

Object at

9-25 ~~33~~ East. + 37.8 S T. = 23 h 4 m

1 : 33 ⇉ 1 33

= Great And Neb. 0 37

In Cepha 21 East

B. Jan 1 Plot T

9-32'35

1876		
2356	480	
7.2	464	
536	944	-1.80
187.4		
2372	498	-1.69
08	532	
540	1030	158

a

mean = 208

2868		
3222	354	
1000	444	
1444	798	228
2854		
3156	302	246
1038	387	
9.36 as 1375	689	272

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1925phae.proj..661C

Oct 13 - 1925

A.

9 52 30 2820
3198 378
1024 334
1358 71.2 237

2814
3249 435 223
1020 400
1420 835 209

B

7.2 Mean = 174
59.6 524
1804 590
2394 111.4 139

02
648 646 126
1804 589
9 55 00 2393 123.5 112

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1925phae.proj...6610

Oct 13, 1925

	o Ceti B	02 14 03	Plot
9 5800	2964	Nov	
	3204	240	
	1178	250	
	1428	490	332
	2958		
	3218	260	322
	1154	272	
	1426	532	313
	a		919
	2052		mean = 318
	2344	282	601
	312	240	
	932	522	317
	2084		
	2324	240	
	279	298	314
10 01,40	977	538	311
	Obs. Dec	− 6.8	

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1925phae.proj..661C

Monday October 19 - 1925.

8 - 48. S. S. Aggni 213843. Est 12.1

N Scuti 184205

~ Clouds in region ~

7. 30 Sky absolutely cloudy — no chance to observe.

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1925phae.proj..661C

Tuesday Oct 20 1925

6-50	L.S. Cygni	Est 11.8	213843
	R. Scuti	184205	
	B.	Comp +	dis
6 54 40	3456		
	784	92.8	
	1648		
	2588	940	
		1868	− 0.13
		1732	
	13.2		
	1000	868	−0.02
	1888	889	
	2777	175.7	+ 0.08
			220
			+ 0.19
			239
	9		
	2872		
	3652	780	
	1118	690	
	1808	147.0	+ 063
	2846		+ 0.40
	3678	832	
	1052	876	
6 58 30	1928	170.8	+ 017

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1925phae.proj..661C

Oct 20 - 1925.

R. Scuti | Photometer A.

	13.2	4
7 01:30	142	6
7-	134	2
	139	3
4	547	4
	136 3/4	

~~C~~ → Cunningham Photometer

	224	9
7- 05 20	198	17
	228	13
	209	5
4	859	11
	214 3/4	

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1925phae.proj ..6610

Oct 20/1925

9 Herc. 180828

	Decl-B	Comp with * South preceding
7-3150	1384	rad dis
	1470	8.6
	3208	90
	3298	17.6

I

5.57

	1379	
	1469	9.0
	3226	68
	3294	15.8

5.68

5.50

	-9-	
	2289	
	2384	95
	492	104
	596	19.9

Mean = 5.50

5.30

	2294	
	2384	90
	498	104
7-3535	602	19.4

5.33

5.36

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1925phae.proj..661C

Oct 20 1925

Sed. 9-

II.

7-46 10	50.0		
	580	80	
	2305	83	
	2388	163	5.14
	498		570
	584	86	
	2306	83	
	2389	169	566
	B.		mean 582.
	1388		
	1468	80	
	3218	72	
	3290	152	5.89
	1390		
	1458	68	5.94
	3220	78	
7-50.40	3298	146	598

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1925phae.proj..6610

Oct 20 - 1925 -

	B.		
8- 00 00	137.8		
	1472	9.4	
	3233	60	
	3293.	15.4	586
	138-8		590
	1464	76	
	3220	72	
	329.2	14.8	5.95
	-A-		Mean = 5.86
	2294		
	2389	95	
	515	70	
	585	165	- 5.71
	2320		
	2400	-80	582
	1512	70	
8- 0340	582	150	592

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1925phae.proj..661C

Oct 20 - 1925.

R Lyrae 185243

Dsbd B	Variable dist	
406		
700	294	
2188	304	
2492	598	-287
418		
678	260	-296.
2194	294	
2488	554	-304
		mean = -305
a		
1294		
1570	276	
3108	271	
3379	547	-307
1289		
1572	283	-314
3100	236	
3436	519	
		320

8. 1450

8. 17. 10

I

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1925phae.proj..6610

Oct 20 - 1925

II

	a		
8-35-20	1247		
	1588	346	
	3092	398	
	3430	68.4	-256
	1274		
	1588	314	-261
	3077	340	
	3417	65.4	266
	-B-		
	2156		mean -279
	2477	321	
	4074	278	
	6822	59.9	286
	2209		297
	2486	277	
	4144	268	
8-3830	6822	54.5	308

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1925phae.proj..661C

Oct-20-1925

B

8 47 45

2170
2512 342
404 300
704 64.2 -2.71

2176
2481 305 278
404 300
704 60.5 284

mean = 2.84

9-
3115
3412 297
1252 340
1592 63.7 273

3106
3402 296 290
1322 254
8-51:20 1576 55.0 307

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1925phae.proj..6610

Oct 20 - 1925

a -

9-12-03	3098		
	3436	338	
	1284	280	
	1564	618	-2.79
	3115		287
	3412	297	
	1271	301	
	1572	598	2.87

B -

	396		Mean = 2.88
	686	290	
	2200	320	
	2520	610	2.82
	422		294
	686	264	
	2196	285	
9 15 30	2481	549	307

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1925phae.proj..6610

October 20, 1925.

	ζ Cet	021403	Variable Star
	B -		
9-27.20	2998.		
	3187	189	
	1233	156	
	1389	345	- 4.10
	3033		
	3192	159	412
	1224	178	
	1402	337	415
			mean = 413
			49.9
	R -		
	2117		
	2302	185	
	342	144	
	486	329	420
	2123		429
	2283	163	
	342	140	
9-31.30	482	303	438

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1925phae.proj..6610

Oct. 20 / 1925

o Cet
Phot a -
o too bright for Pholometer A.

Cunningham Photometer.

	431	1
9 36 10	429	2
	433	3
	428	2
	4)1721	02
	430 1/4	

Elmer Photometer.

9 52.30	433	
	431	
	428	
	428	
	4)720	
	430 1/4	

10-47 R X Aerdrom 005840 Est 119 ✓

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1925phae.proj..661C

Wed Oct 21/1925

10 20 SSCyg 21 38 43 est 11.8

Very cloudy

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1925phae.proj..6610

Tues. Oct 27/1925

1 Lobb 12" Polar F.T.C. Rec

7-02 δ Cygni 213843 Est 1.5 ✓

7-04 R.X. Audrom 005840 Est 128 ✓
faint *s not well seen.

R. Lyrae 184205 Phot F.
Sad B ~~Hazy~~ Comp + a's

7-31 10 2048. Quite cloudy to South.
2652 604
228 594
822 1198 +120 ~~+42~~

1914 +075
2767 853 ~~+36~~ Too cloudy to continue
100 788
988 1641 +030 ✓ 7.20 +080

-a-
2920 mean = 110
3614 694 Image = 8.00
1130 684
1814 1378 +082

2907
3598 691 +084
1080 669
7 3420 1749 1360 +086

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1925phae.proj..661C

Thursday Oct 29 - 1925 ✓

7-5 S.S. Leyni 213843 - Cst 11.4

Observations quite difficult on account of bright moon.

R. Scuti 184205 Phot S.

	Dec B.	Comp *	Dis
7-10:00	2016		
	2699	683	
	188	678	
	886	136.1.	+085
	1898		0.59
	2720	822	
	140	804	
	944	1626	+033

7.20

Mean = +0.74 ✓

7.94

9-			
	2909		
	3600	691	
	1106	681	
	1787	1372	083
	2874		0.89
	3636	762	
7,14 40	1130	650	
	1780	1312	095

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1925phae.proj..6610

Oct 29 - 1925 -

1925.9

Nova Aquilae 192506 Phot P.

07-3625 Sup-B Comp * Dec.

344		
824	480	
2114	469	
2583	949	+1.79

198.		
838	640	+134
198.9	700	
2689	1340	+090

9		
111.8		
1758	640	Mean = 138
2924	640	728
3564	128.0	102 866

118.8		143
1672	484	
3042	444	
07,40 -00 3486	928	184

Comp * = ~~*~~ 68 - 6 degrees 51.70

(7.0)

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1925phae.proj..661C

October 29 - 1925

7 52 30. Nova Aquilae 1918 Est = 10.5 ✓ 6

7 - 59 30 R Xand 00 58 40 - 2 seen Est 12 8 ✓ 6

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1925phae.proj..6610

Saturday Oct 31 - 1925

6 - 4.6	S. S. Ogni	Q+3843 -	Est. 11.6	✓
6 49.00	R. Scutti ~~1842 05~~		Est 8 0	✓

R K Aud. Too much light & moonlight
Variable not seen -

Moon very bright
Red sky very hazy.
Too many kinds of
Measurements

1925phae.proj..661C

Tues. Nov. 3/1925

16	S.S. Aquí	213843.	Est = 11.9 ✓
	Nova Aquilae	192506	Too low
8 25.	RX Andom.	005840	Est 12.0 ✓
	V. Vulpec.	203226	Photometer I.
8-31.00	Dnd B	Comp *	do
	2208		
	2488	280	
	404	304	
	708	5.8.4	+292
	2162		
	2526	364	+270
	364	348	
	712	712	+247
	-a		Mean = +282
	3079		
	3409	330	
	1263	337	
	1600	667	+262
	3150		
	3388	238	+293
	1289	269	
	1558	507	

Comp * = * @ 20h 31.0m +25° 9' 3.24" (1855)

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1925phae.proj..6610

Nov. 3- 1925

R. V. Cygni 213937 Photometer. 5
Ind B. Comp * dis

8.46 45 7.4

1058	984	
1859	1063	
2922	2047	
	1553	− 0.47
3558		
1048	1090	− 0.62
1782		
2886	1104	
	2196	
	1406	− 076
918		
1950	1032	Mean = − 0.52
2709	1019	
3728	2051	
	1549	− 0.44
942		− 0.43
1955	1013	
2752	985	
8 50 10 3737	1998	
	1602	− 038

Comp * = * at 21h 37m +37° 18' (1855)
Comp * is sout. prec. var.

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1925phae.proj..661C

Nov. 3 - 1925

μ Cep. 214058 Photometer F.

-B- Vardes

8-58.20

2161
2616 45'5
x288 484
772 93.9 -181

2112
2558 446 188
328 444
772 89.0 194

-a Mean 2.20

3898
3428 330
1272 334
1606 664 263

3117
3424 304 253
1224 420
1644 724 243

9 01 30

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Nov. 3 - 1925 -

J. V. Audrain 225342

~~Est.~~ Est. a 3 var. var. 4 b.

~~a~~ = + 41 deg. .4649 (9.1)

~~b~~ = + 41 deg .4644 (9.5)

Variable for Photometer

ρ Persei 025838

	B	Var Des	
9-1920	2298		
	2404	106	
	488	100	
	588	20.6	-523
	2294		
	2397	103	-526
	486	98	
	584	20.1	-528
	a		Mean = -518
	3192		
	3312	120	
	1384	105	
	1489	225	-503
	3189		
	3292	103	509
	1382	110	
9-23:30	1492	21.3	515

Variable, very bright & observations difficult

Comp. ✕ = ✕ ⊙ following & just South of Variable

✕ is the suitable comp ✕.

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1925phae.proj..661C

Nov. 3 - 1925

	o Ceti	021403	Plot - R.
	Ind. B	Var dis	
9:27.40	215.6		
	2248	92	
	362	82	
	444	174	-559
	2163		
	2258	95	-558
	364	82	
	446	177	536
	- Q -		
	1264		919
	1336	72	Mean = 552
	3048	98	367
	3146	170	564
	1256		547
	1355	99	
	3048	100	
	3148	199	530

Too cloudy & continue to advantage
Practically all cloudy -

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1925phae.proj..6610

Wednesday November 4 1925.

7 - 05	δ. Aqui	213843.	Est - 11-7
	Nova Aqu.	192506	
	Sud B		Comp * dis.
~~7 7.45~~	~~92.4~~		
7 - 15.00	2064		
	2668	604	
	268	586	
	854	119.0	+ 1.21
	-a-		
	3018		
	3477	459	+148
	1216	501	728
	1717	96.0	+176 876 = mag -

Region too low to get full set of 16 readings. This set considered fairly good.

Sky too hazy and cloudy for any further observations

1925phae.proj..661C

Thu. Nov. 6/1924

12" Polar

7 20 SS Cyg. 213d43 est 11.6

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1925phae.proj...6610

Monday November 16 - 1925

8-26	δ Aqui	210843	Est 8-3	
8-29	R.X. Aquom.	005840	Est. 113	
	9 Cet.			Phot P.
	Ind.			
8-36	3058			
	3134	76		
	1266	64		
	1330	140	607	
	3056			
	3136	80	606	
	1266	62		
	1328	142	604	
				919
	2167		Mean =	603
	2247	80	Magn =	316
	374	66		
	440	146	598	
	2175			
	2238	63	600	
	365	80		
8-39	445	143	602	
8-410				

Clouds scattered fairly well over Sky.

8.49

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1925phae.proj..661C

Tuesday Nov 17 - 1925

8:44 o: SS Cygni 213873 Est 8:7 ✓

α Ceph. 214058 Phot T

Dand B. Var dis

8 58 m

349		
744	395	
2116	480	
2596	875	198
304		194
766	462	
2142	442	
2584	904	190
a-		
1274		Mean 2.25
1624	350	
3082	318	
3400	668	261
1287		256
1649	362	
3079	335	
8 58:20 3414	697	252

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1925phae.proj..6610

Nov 17 — 1925

9.04 R Aud. 005840 Est 11.8 ✓

9- R.V. Aud. 020448

Variable too faint to measure

9.55 about 11th magnitude

Some scalloped clouds in South

Observed declination ST.2

10.2 SS. Aur. 060547 Est 13.2 ✓

10 23- Sky quite cloudy.

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1925phae.proj..661C

Wednesday Nov 18 — 1925

8 - 5 | 58 Cygni | | Est 9.2

	9 Ceti	021403	Phot R.
	B-		Var dis
8 - 07 . 35'	126 . 3.		
	1336	73	
	3066	62	
	3128	13.5'	-6.15'
	1262		602
	1340	78	
	3062	74	
	3136	15 2	5.89
	a		919
	374		Mean - 596
	45 0	76	323
	216.6	76	
	2242	15 2	5.89
	382		
	444	62	591
	216.5	87	
8 - 12 30	2252	149	5.93

Stars difficult on account of brightness of variable and haziness of atmosphere

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Nov. 18 - 1925.

	S.S. Aur.	060547	Est 11.5
8-47.	Estimated	in 6" Foot Telescope	
9-10	Sky quite heavily covered with haze and clouds.		

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Thursday Nov 20 – 1925

5:30 Peltier's Comet found in 6" Pist
and little later in 12" telescope
approximate position 17 30 + 25 Mag. about 8

7 – 52 δ Aqr 213843 Est 9.8 ✓

o Cet 021403 Phot B.

8:12 '45 Ded. B. Nar des.
216.6
224 6 80
37.2 64 9.19
436 14.4 6.01
3.18

8 – 15 – Bothered by long distance phone –

8:45 Sky quite cloudy.

Head of Comet quite diffused with more or less condensed nucleus and suspicion of elongation of a tail off to the North

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Saturday Nov. 21 – 1925.

213843

δ Cygni 1 Cunningham photometer

7. 30
21 6
19.8
21 7
21 9
48 5 0
21.5

213843

7-31 δ Cygni 1 Est 9.9 ✓

7-40 R X Aquarii 005840. Est 13.0 ✓

o Ceti 021403 Phot R.

Red – B Var dis

7. 50 m
36.3
44 6
217 2
224 3
83
71
15.4
5.86

37.3
44 6
2204
2258
73
5.4
12.7
602
628

a

3063
3136
1266
1337
73
7.1
14.4
601

3068
3134
1282
1332
66
50
116
624
648

9.9
Mean = 6.23
3.06

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Nov 21 – 1925

8- 53	S.S. Aurigae	0605-47	Est 10 8
9- 58-	S.U. Tauri	054319	Est 97

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Tues Nov. 24 - 1925

E S T.
10 07 P.M.

S S Aur. 0605 <c>
est 10.9 ✓

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Sat Dec. 12 – 1925.

4 44	S.S. Cygni	213843	Est 71.8
	Observed	dec – 37.0	
6:52	R.X. Androm	005840	Est 13.0
	ρ Per	025838	
	B.	Var dis	
7 – 3:45	2288		
	2407	119	
	477	119	
	596	23.8	–491
	2292		–488
	2422	130	
	483	115	
	598	24.5	–485
	– a –		
	3224		Mean – 5-15.
	3308	84	
	1392	85	
	1477	16.9	566
	1388.		
	1492	104	342
	3212	106	
7 – 0720	3318	210	518

Trouble by clouds / six above group?

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Monday Dec 14 1925

6-35	δ Lyrae	213843	Est 11,9 ✓
6-36	R. X. Aud.	005840	Est - 10.8 ✓
	~~β~~ Cepk		
	u Cepk	214058	Photometric T
	Int B	Var dus	-
6-4300	37.6		
	752	376	
	2127	448	
	2575	824	-21.2
	31,8		
	772	454	-205
	2129	423	
	2552	877	198.
	9		
	128,7		Mean = -240
	1587	300	
	3099	339	
	3438	639	272
	1268		
	1586	318	274
	3088	306	
6-4620	3394	624	277

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Dec - 14 - 1925

R. N. Audrom 02 04 48
Sup -
7 - 08 Variable not seen with certainty

ρ Persei 02 58 38 Shot T.
— B —

7 11:15	50 6		
	59 8	9.2	
	2296	102	
	2398	19.4	536
	478		504
	600	122	
	2278	136	
	2414	25.8	473
	A =		Mean = 520
	1384		
	1482	108	
	3198	110	
	3308	21.8	510
	1407		536
	1487	80	
	3207	91	
7 - 15' 30	3298	171	563

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Dec 14 – 1925

0543 19 – 84 Tauri Est 11,7 ✓

7-19 Thus confirming Pilltwix's observations of the 9th + 10th

Phot. R 021403

	ρ Cet		
	B	Variables	
7 21.20	1258		
	1338	80	
	3058	75	
	3133	155	5·85
	1262		
	1348	86	–5·84
	3063	71	
	3134	157	582
	a		
	365		mean = 5.79
	448	83	940
	2154	90	
	2244	173	561
	371		574
	434	63	
	2168	90	
7 24.0	2258	153	587

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Dec 14 - 1925

	X. Lauri B	034707 lau di	Phot T.
7.5531	2136		
	2556	420	
	314	422	
	736	84.2	207
	2165		212
	2562	397	
	330	408	
	738	80.5	218
	a		
	3028		
	3450	422	Mean 206
	1268	448	
	1716	870	-2.00
			~~20~~
	3048		
	3468	420	200
	1247	447	
759 20	1694	867	200

Comp * = x @ $3^h 46^m$ + 7 deg 21 m (1855)

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Dec 14-925

10.04	U Gem -	07 49 22	Est 12.7	✓
10-07	S.S. Aurigae	06 05 47	13.0 ✓	

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1925phae.proj..661C

Tuesday Dec 15 - 1925

~~S.S. Aquil 2h38m3 Est.~~

8-35 S.U. Tauri 05 43 19 Est. 12.0 ✓

Observation difficult on account of haze.

Observed dec. = + 14°

8-40 S.S. Aurigae 06 05 47 Est. 12.5 ✓

8-45 X Androm 00 58 40 Est. 10.7 ✓

8-50 S Orionis 05 30 05 Est 10.2

T. Tauri 04 16 19 - Too much cloud in this region

Sky rather poor for observing.

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Wednesday Dec 16 - 1925

Search for supposed comet.

Too much cloud in this region to pick up any faint nebulous object; Stars too much mag. identified.

7.27 δ Aqui 21 38 43 1 - 8 Cat ✓
Var seen with difficulty

too many clouds to continued to advantage.

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Thursday December 17-1925

8-15	SU Tauri	054319	Est 12.0
8-19	RX Androm.	005840	Est 11-3

Clouds passing over Sky.

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Friday December 18-1925

6-47.	S.S. Aqui	218843	Est. 1.19	✓ I
6-53	R X And.	005840	Est 118	✓
	X Tau	034707 ~~034903~~	Chot	T.
	Ind-B	Tau dis.		
7-0210	214.8			
	2547	399		
	31.2	440		
	752	83.9	-208	
	2108			
	2612	504	-192	
	30.4	458		
	762	96.2	-175	
	a		Mean = 199	
	3016			
	3464	448		
	1198	460		
	1658	908	-189	
	305.6			
	3436	380	206	
	1218	409		
7-07.00	1627	78.9	223	

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Dec 18-1925

A.

7-19.0	305.9		
	346 4	.405	
	121.8	44.6	
	1664	85.1	-205
	3058		-194
	3488	430	
	1189	499	
	1688	929	184

B

	294		Mean = 178
	796	502	
	2108	520	
	2628	102.2	160
	286		162
	782	496	
	2087	511	
7-23.0	2598	100.7	164

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Dec 18-1925

B

7 32.40	288	512	
	800	570	
	2056	108.2	146
	2626		
	32.8		
	777	449	170
	2133	439	
	2572	88.8	195

Q

	1255		mean = 185
	1652	397	
	3047	420	
	3487	817	214
	7		
	116.4		200
	1647	483	
	3034	440	
7 37.00	3474	923	185

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Dec 18 – 1925.

52.00	a		
7 – ~~5'45"~~	117.0		
	1688	518	
	3022	380	
	3404	89.8	−1.92
	1222		−2.00
	1657	435'	
	3027	405'	
	3432	840	208
	B.		Mean = 192
	2108		
	2567	459	
	355	393	
	748	85.2	205
	2082		
	2600	518	185"
7 55' 20	304	483	
	787	100.1	165"

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~~Dec 18-1925~~

Wednesday Dec 23-1925

6-31-	L.L. Aqui	213843-	Est - 11:9
6 32	R. X. Aurom	005840	Est - 12.5
	X. Tauri	03 47 07	
	Too much glare in this field		
	9 Ceti	Photometer R.	
	Ind - B	Var dis	
6-3900	422		
	463	41	
	2182	100	
	2282	14.1	-6.05
	374		
	472	98	3.68
	2175	100	
	2275	19.8	5.31
	a-		mean = 9.19 / 5.69 / 3.50
	3058		
	3136	78	
	127.6	82	
	1358	16.0	-5.78
	306.7		
	3164		5.70
	1272	97	
6-4405	1347	75	5.62
		172	

Observations Nov 4 difficult on account of glare in upper skies atmosphere

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Dec 23 - 1925

Sky quite cloudy.

Sky pretty much clouded up

8 - 00 Too cloudy to continue further

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Saturday Dec ~~27~~ 26 1925

6:45	RR Aql	21843	Est 11.9
6:50	RX Aql prom	00 5840	Est 11.9

30 Too much glare on sky from Moonlight. Cold makes Der wide more to difficult and erratic to operate motor

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~~Dec 26 - 1925~~

Monday Dec 28-1925

7-38.	δ Cygni	213843.	Est - 11.8	✓
7-40.	R. Y. Aurigae.	05840	Est 11.1	✓
	S. U. Lauri	05419	Moon too near variable; almost in the field	
	gleti	021403	Phot P.	
	Sq P.			
7 48.40	127.0			
	136 0	9 0		
	307 3	8 7		
	3160	17.7	5.56	
	126.2			
	135.5	9 3	554	
	307.0	8 7		
	3157	18,0	552	
	B.			
	38.3			
	45 3	70	Mean = 5.51	919
	216.8	100		3.68
	2268	17.0	564	
	366			
	460	94	548	
	2172	103		
7-53 15	2274	19.6	533	

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Dec 28 - 1925.

9:31	δ Aurigæ	06 05 47.	11.3	✓

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Wednesday January 6 - 1926

7.00 All Cloudy — Sky hopelessly cloudy

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Thursday Jan-7-1926

9-16	S.U. Tauri	05 43 19	Est. 13.0	✓
9 28	S. S. Aurigae	06 05 47	Est 13.0	✓ 12"
	S S Aurigae " "	" "	Est. - = 14.0	15" ✓
9:50		0.3	* marked 13.2	
	S.U. Tauri	05 43 19	15" Est	13.5 ✓

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1925phae.proj..661C

Saturday Jan. 16 1926

	o Ceti	02 14 03	Phot R.
	B.		
b 43.00	2138	Nardis	
	2269	139	
	364	104	
	468	243	- 4.86
	2142		
	2273	131	-4.70
	351	149	
	500	280	-4.55
	a		919
	1253		mean = 484
	1360	107	435
	2048	120	
	3168	227	-4.92
	1249		
	1362	113	497
	3048	113	
b - 47.20	3161	226	502

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1925phae.proj..661C

Jan 16 - 1926

6 56	R. X Aurora	005840	Est 12.5
7 .06	S. U. Lauri	054319	Est 12.8
7 - 09 -	S. Aurigae	060547	Est 12.6
7 - 11 -	S. Cygni	213843	Est 8.4
7 - 47	T Lauri	041619	Est. 10.4
7 53	T Orionis	053005	Est 11.1

The 11.4 * appears to be unduly faint
avoid use of this in estimating

7 - 526	Z Aurigae	053353	Est 11.0
8 - 02.	U. Aurigae	916147	Est 11.9
	η Geminorum	060822	

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Jan 16- 1926

	η Gem	060822	
	Red B	variable	
8-35	475		
	595	1.20	
	2290	134	
	2424	25.4	-4.77
	48.8		
	628	140	-470
	2284	132	
	2416	27.2	-462
	a		
	1412		mean = 470
	1540	1.28	
	3175	110	
	3285	238	491
	1394		
	1539	145	470
	3160	139	
8 39-10	3299	28.4	452

Comp * = * @ 6h 6½m + 22.20 (1855)
= northern + brighter of 2 components
of a double

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Jan 16 - 1926

R.N. Tauri 044126

8 58.00 Ind B Comp * dis

333
736 403
2155 403
2558 80.6 +2.18

318
735 417 +210
2155 443
2598 86.0 +202

A.
1215 mean = 206
1666 451
3038 434
3472 88.5 1.95

1239
1696 457
3042 386 +201
9-033W 3428 843

207

Comp * = + 25° 730 (25)

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Jan 16 - 1926

9 - 13. U. Gem 07.4922 Est 128

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Tuesday Jan. - 19 - 1926

~~S Cep~~

8.48	R X And.	005840	Est - var. not seen 12.8
8 50.	S Cancri	060547	Est 12.8
8 52.	U. Gem.	074922	Est 12.5
9 - 00	Clouds in the west; Sky generally hazy.		
9 - 35	R X And.	005840	15" Telescope Est = 13.7 Estimated thru gaps in clouds.
	Sky becoming all cloudy.		

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Friday Jan 22 - 1926

		12" Polar	
			L Cyc.
	○/Cet (B.)	021403.	Phot R.
7-38:00	84.4	variable	Dec.
	49.6	15.2	
	214.6	136	
	228 2	28.8	4.49
	358		
	498	140	4.41
	214.0	170	
	2310	31.0	433.
	a		919
	304.4		Mean 446
	3194	150	473
	1244	152	
	1396	30.2	439
	3039		452
	3190	151	
	1268	118	
7-43 10	1386	269	464

7-45 Bright Aurora seen in the north reaching nearly to zenith extending from a little north of west to a little north of east.

Not are there only cloud like patches but streamers of some 15° in height

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Jan 22 – 1926

On N. Hz. Edge Aurora has a considerable color & red –

Cold windy night, barometer is rapidly rising. Temperature dropping rapidly

8 33. R X Aud. 00 58 40 Est 12-2

Moon bright; region hazy –

8 – 35 S S Aurigæ 06 05 47 – est. 12.4

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Saturday Jan 23 1926.

[illegible] C. obs		12' Polar	F. C. rec
12			
8-N.	K Tauri	034707	- Too near moon -
		[illegible]	
	Z Piscium	01 10 25	
	Phot.		
8-55.	38.7		
	39.8		
	39.4		
	39.0		

Cunningham Photometer

29.2
31.2
29.0
28.9

Elmer Photometer

Sky too bright due to moon & haze

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Moon Feb. 8 - 1926

12" Polar L.C Obs.

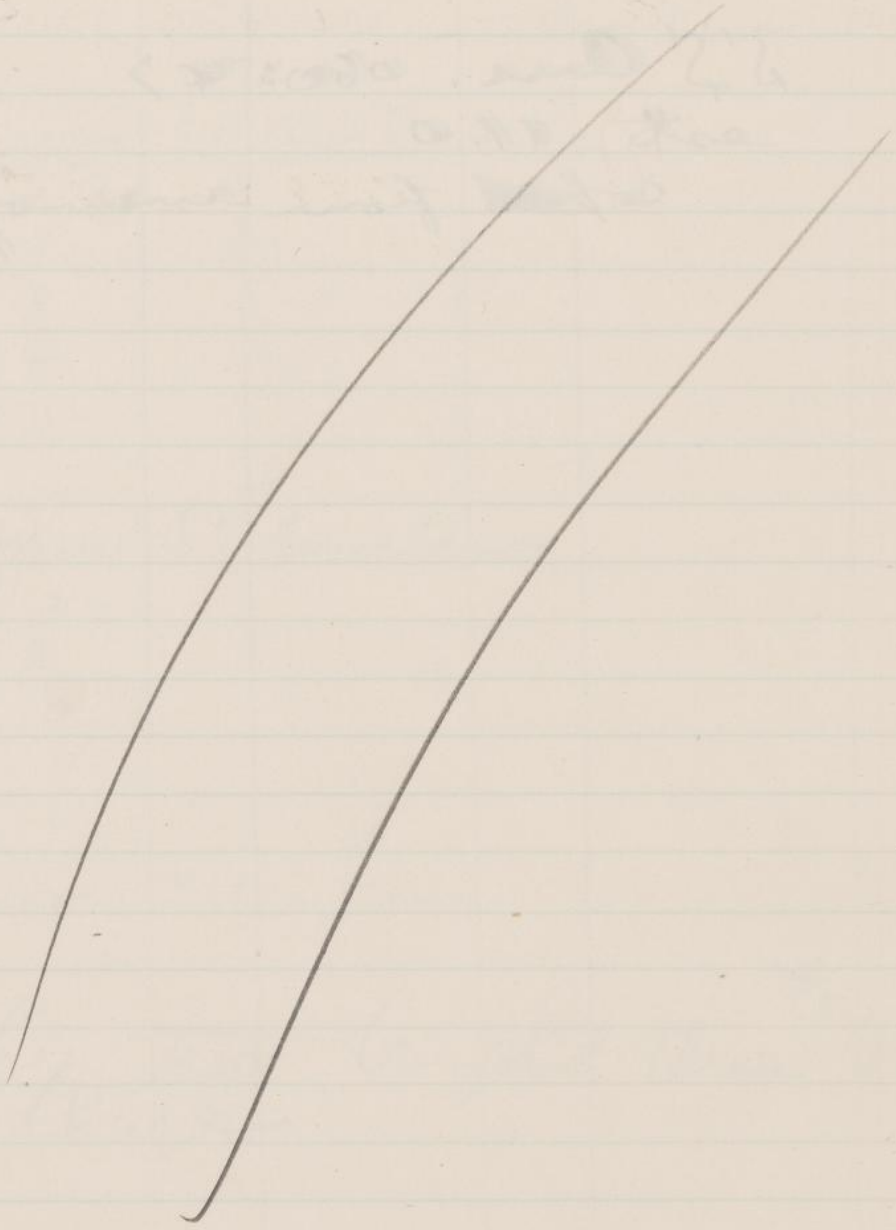
S'S Aur. obs<

7 20 est 11.0

copied from memory 2/16/26

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Tues. Feb. 16 - 1926

12" Polar

SS Aurigae 0605-47 < 13.0

f 35

f 43 U Gem 07 49 22 est < 13.5

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Sat. Feb. 20/26 12" Polar

L.C. obs.

7-35	δ Aurigæ	060547	Est 12.0
7-39	U. Geminorum	074922	Est 11.8
	X Lauri	034707	
	Clouded in this region.		
	Too cloudy for such a faint comp.*		
	R X And	005800	15

8 10 ~~est~~ 11.6

~~Y Gem~~ 060822
Too near moon.

8-34	V. Mon	061702	Est 8.0
	Z Aur.	055353	Est 10.1
	W. Persei	024356	Too far west.
	U. Cam min	073508	
	~~Nova Persei~~		
	V Cam min	070109	Est 12.1
	R Cam min	070310	Est 9.8
8.54	Perfect haze & bright sky no fainl stars		moon over which visibly

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Wed. Mar. 3/1926

LC Obs. 12" Polar

7 20	U Gem	07 46 22	< 12.8 hazy.
> 27	S S Aur	06 05 47	< 12.8
> 33	T Cri	05 30 05 a	est 10.4
> 35	an Cri near T		est 11.4
	RX And	06 43 33	Phot T
	B		

8060

213.3	< comp * obs		
293.3	800		I
32.4	76.0		
108.4	156.0	+0.46	
220.4			
287.4	67.0	+0.72	
39.6	632		
102.8	130.2	+0.98	
a		Mean = +0.89	
310.6			
372.8	622		
129.8	636		
193.4	1258	+1.07	
307.4			
369.6	622	+1.06	
130.8	640		
194.8	1262	+1.06	

8 12.0

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1925phae.proj..6610

Mar 3/1926

R Xeri II

a

8 140

308 f		
371 f	62.6	
130.2	60 K	
190.6	1230	+ 113

310 K		+ 093
370.2	69 f	
124.6	126	
197.2	1424	+ 073

B Mean = + 090

36.6		
111.6	750	
218 f	690	
287 f	1440	+ 069

38 f		+ 088
104.4	656	
223 f	595	
8 19 0283.3	1251	+ 100

C S. + 33°.1417 (f.2)

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1925phae.proj...6610

Mar 3/1926

TX Eri 073017 Plate I.

CS = +17.16 (9.3)
2 Ks near pos. of var.
B

CS with means of the pair.

8 31.0	5s-4	C.S. dia	
	5s-4	30.0	
	2339	31.6	
	26 5s-	61.6	+ 2.80
	5-7.4		
	8 3 8	264	+ 300
	23 8.9	25-5-	
	26 4 4	51.9	+ 3.20
	a		Mean = +3.15-
	14 8.4	240	
	17 2.4	243	
	32 7.7	48.3	+ 3 35-
	35 2.0		
			+ 3.30
	14 7.4		
	17 3.7	263	
	32 8.4	240	
8 43.0	35 2.4	50.3	+ 326

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1925phae.proj..661C

Mar 3/1926

C.S. with Var assumed as function of 2 ~~a~~.

	a		
F 44.0	150.0	< C S dis	
	174.1	24.1	
	327.4	244	
	351.8	49.1	+ 331
	148.4		
	1144	260	+ 326
	327.4	259	
	353.3	519	+ 320
	B		Mean = + 3.13
	235.6		
	2633	277	
	54.4	302	
	846	579	+ 294
	238 f		
	265.2	264	+ 300
	548	288	
f 50.0	f 3.6	552	+ 305

Two stars - one of which is probably ~~the~~ var - about equal in mag.

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1925phae.proj...6610

Mar 3/1926

AB Aur 04 49 30 b free of 2 var. Phot T.

	B		
8 51.0	~~2933~~		
	28.4	< ~~Var*~~ Var dis	
	112.4		
	212.0	840	
	291.8	798	
		1638	− 031
	30.8		
	118.4	876	− 0.24
	211.8	842	
	296.0	1718	− 0.16

Mean = −0.36

	a		
	302.8		
	17.8	7 ~~450~~	
	124.4	786	
	203.0	1536	− 0 50
	303.6		
	249	813	− 0.48
	123.8	746	
9 03.0	198.4	1559	− 0.46

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Mar 3/1926

det'd 30 a SU Aur. Phot

	A		
9 06.0	49.8	C5 obs.	
	90.2	404	
	236.4	334	
	269.8	737	+239
	50.2		+236
	86.6	364	
	232.4	390	
	271.4	754	+233
	B		Mean = +2.52
	141.2		
	180.0	388	
	325.8	308	
	356.6	696	+252
	144.6		+2.68
	177.4	328	
	325.2	281	
9 11.0	353.3	609	+283

9 25 SU Tau obs'd 3 ex's < 13.0

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Mar 3/1926

X Leo 09 45 12 12''

10 00 < 13,0

V UMa 09 01 5 -1 ~~est~~

10 13 H19 3 V 5 - H21 = 10.3±

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1925phae.proj..661C

Friday March 5 1926

7 - 43 Ad Aurigae — Est 1.0

7 46 U Gem. 074922 — Est 1.0

BD +18° 683 4h 37m.0 +18° 47'
+16 2658 14 249 +1555

	B.	Comp * dis	Phot T.
7 - 56.0	3275		
	3520	245	
	1462	298	
	1760	543	+2.09
	3255		
	3516	261	+3.06
	1463	293	
	1756	55.4	+3.04
	A-		
	555		mean +2.99
	850	295	
	2379	319	
	2698	614	+2.81
	538		+2.92
	863	325	
	2423	235	
8.0	2658	560	+3.02

Comp * = +18° 6.8 K (68)

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1925phae.proj ..6610

15" E & W.

L.C. Obs Mar 5/1926 L.C. Acc

Comp for W hrs Min. see Dw chart

1 with 2 1 brighter & dis

	Index 290		
9:36	62.2		
	77.2	15.0	
	243.6	13.6	
	257.2	28.6	4.51
	62.6		
	76.8	14.2	4.45
	242.8	16.0	
	258.8	30.2	4.39
	Index 110.0		
	150.8		4.16
	169.2	18.4	
	332.0	17.4	
	349.4	35.8	4.01
	146.0		3.867
	168.0	20.0	
	331.1	20.7	
9:41:50	351.8	40.7	3.73

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1925phae.proj..661C

May 5/1924

2 with 3. 3 bright & dis -

Mch 250

9:45:40	314.4		
	366.2	51.8	
	136.8	47.0	1.69 ~~1.75~~
	183.8	98.8	
			1.50 ~~1.62~~
	313.8		
	369.8	56.0	
	129.6	59.6	
	186.6	115.6	1.30
	Mch 70		
	42.8		1.67 ~~1.73~~
	91.8	49.0	
	226.6	47.6	
	273.6	96.6	1.76
	48.9		1.84
	94.8	45.9	
	229.4	44.6	
9:49:20	273.4	89.5	1.92

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1925phae.proj...6610

Mar 9/1926

3 with 4. 3 brighter + dis

Index 220

9:53:25	231.4		
	271.4	40.0	
	53.0	39.6	
	92.6	79.6	2.21
	233.8		2.27
	269.4	35.6	
	53.0	40.0	
	93.0	75.6	2.33

Index 40 2.06

	318.6		
	362.2		
	138.4	43 6.	
	184.4	46 0	
		89.6	1.92
	317.2		
	365.0		1.86
	137.7	47.8	
10:56:55	184.4	46.7	
		945	1.80

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1925phae.proj..661C

Mar. 5/1926

4 units 5.5 bright + dis

Index 250

10:05:55	296.2			
	34.4	98.2		
	141.0	94.5		
	205.5	147.3 192.7	−	0.24
	301.8		−	0.16
	30.8	89.0		
	110.4	94.9		
	205.3	176.1 183.9	−	0.07

Index 10

	36.8		+0.22
	111.8		~~+0.1~~
	214.7	75.0	
	291.6	76.9	
		151.9	+0.54
	39.6		
	114.0		+ 60
	215.0	74.4	
10:06:10	286.0	71.0	+0.67
		145.4	

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1925phae.proj..661C

Mar. 5/1926

Smith 6. 6 bright + dis

Vely 270

10:12:30

295.0			
382.6	87.6		
114.6	89.4		
204.0	177.0		+0.06
294.8			-0.04
385.8	91.0		
115.6	96.2		
211.8	187.2	172.8	-0.14
Vely 90			
35.1			+0.21
108.4	73.3		
212.0	80.2		
292.2	153.5		+0.51
31.8			+0.46
113.0	81.2		
212.0	77.2		
289.2	158.4		+0.41

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1925phae.proj..661C

Mar 5/1926

6 with 7 6 brighter + dis

Index 0

10:20:55	303.2		
	380.0	76.8	
	124.2	70.0	
	194.2	146.8	0.64
	300.6		
	379.8	79.2	0.62
	127.4	69.6	
	196.4	148.2	0.61
Index 180			
	32.0		0.74
	106.6	74.6	
	218.2	66.0	
	284.2	140.6	0.76
	41.0		0.86
	105.5	64.5	
	215.5	66.7	
10:24:10	282.2	131.2	0.95

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1925phae.proj..6610

Mar 5/1926

Twilight | Brightness

Index 180

10:26:40 315.6

371.6 56.0

136.8 53.4

190.2 109.4 1.43

310.4 1.38

368.0 57.6

131.8 56.6

188.4 114.2 1.32

Index 0

46.4 1.30

90.2 41.8

228.0 44.0

272.0 85.8 2.03

53.0 2.02

93.4 40.4

226.4 45.6

10:30:20 272.0 86.0 2.02

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1925phae.proj..661C

Sat. Mar 6, 1926

~~L.C.Obs.~~

12" Polar

7:24 ~~T~~ x Pusei 02 41 36
b-v; v3c; v4f; Enebo notations;
See Cunningham chart

15" E. Eq.

L.C.Obs L.C. Rec

Comp ☆s for W Hor Min.
see Dun chart
same as last night.

P.a. 290
1 with 2
<1 brighter D dis.

7:55	64.4		
	79.8	15.4	
	240.4	18.8	
	259.2	34.2	4.11
	64.8		4.30
	78.4	13.6	
	242.2	15.2	4.11
	257.4	28.8	4.49
	(Index 110) 153.1		
	168.7	15.6	
	329.7	21.4	
	351.1	37.0	3.94
	151.7		3.92
	169.8	18.1	
	330.6	19.5	3.91
7:59	350.1	37.6	

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1925phae.proj..6610

Sat. Mar 6, 1926.

2 with 3 37 aid dis

Index 270

8:02

135.5			
185.8	50.3		
316.5	51.9		
368.4	102.2	1.60	
134.6			1.54
189.4	54.8		
315.5	52.0		
367.5	106.8	1.49	

Index 70

224.2			1.63
274.4	50.2		
49.3	46.3		
95.6	96.5	1.74	
224.3			
274.6	50.3		1.72
46.6	48.2		
94.8	98.5	1.69	

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1925phae.proj..661C

Sat. 6 March 1926.

3 with 4 37 and dio.

Index 40

8:10	311.6		
	365.2	53.6	
	136.3	47.5	
	183.8	101.1	1.63
	316.0		
	364.8	48.8	1.71
	140.2	46.0	
	186.2	94.8	1.79

Index 220

	52.2		1.92
	90.4	38.2	
	234.8	38.0	
	272.8	76.2	2.31
	51.8		2.14
	94.2	42.4	
	227.8	46.6	
8:13	273.8	88.4	1.96

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1925phae.proj..6610

Sat. 6 March 1926

4 with 5. 57 and dus.

Index 270

8:17

	297.2		
	383.7	86.5	
	119.2	88.2	
	207.4	174.7	+0.10
	293.0		-0.01
	385.5	92.5	
	116.4	94.0	
	210.6	173.5 186.5	-0.12

Index 90

	30.8		+0.18
	113.2	82.4	
	212.1	82.7	
	294.8	165.1	+0.28
	39.4		
	110.4	81.0	+0.87
	214.6	75.6	
8:21	289.6	156.0	+0.44

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1925phae.proj..661C

Sat. 6 March 1926.

Smith 6 6 7 + dis.

Index 80

	33.8		
Star	~~288.0~~	77.6	
	111.4		
	213.2	77.8	
	291.0	155.4	+ 0.47
	34.8		+ 0.38
	117.0	82.2	
	211.2	82.1	
	293.3	164.3	+ 0.30

Index 260

+ 0.34

	118.4		
	203.4	85.0	
	302.6	78.2	
	380.8	163.2	+ 0.32
	122.2		
	202.8	80.6	+ 0.30
	300.0	84.2	
Star	384.2	164.8	+ 0.29

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1925phae.proj..0610

Sat. 6, March 1926

6 with 7. 47 + dis

Index 100

f:32

35.2		
106.2	71.0	
217.5	71.7	
289.2	142.7	0.72
38.6		0.76
110.4	71.8	
220.8	67.1	
287.2	138.9	0.70

Index 0

116.4		0.58
201.4	85.0	
302.2	78.0	
380.2	163.0	0.32
127.3		0.40
199.8	72.5	
299.2	82.4	
381.6	154.9	0.48

f:35

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1925phae.proj..661C

Sat. March 6, 1926.

7 with 8 87 + dis

Index 0

8:36

44.0		
94.0	50.0	
232.1	39.0	
~~223~~		
271.1	89.0	1.94
48.0		1.98
96.0	48.0	
230.7	38.0	
268.7	86.0	2.02

Index 180

1.74

137.2		
190.7	53.5	
314.8	54.0	
368.8	107.5	1.48
137.4		1.50
189.4	52.0	
313.0	53.8	
366.8	105.8	1.52

8:40

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1925phae.proj..6616

March 6/1926

RU Cephei Comp #2.

1 with 2 17+ dis.

Index 290

9:44

42.0			
94.0	52.0		
223.3	50.6		
273.3	102.0	1.61	
48.4			1.58
97.8	54.4		
226.8	48.2		
275.0	104.6	1.54	

Index 110

1.51

137.4			
180.2	42.8		
319.2	45.8		
365.0	88.6	1.95	
143.4			2.04
184.0	40.6		
319.4	41.1		
360.5	81.7	2.14	

9:47

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1925phae.proj..661C

Mar 6/1926

2 with 3 27 + dis

mdy x 180

9:52

38.2		
107.4	69.2	
226.2	56.8	
283.0	126.0	1.06
41.1		1.06
101.1	60.0	
215.0	65.4	
280.6	125.4	1.07

mdy x 0

125.4		1.01
194.8	69.2	
313.3	61.1	
374.4	130.3	0.97
132.2		
195.6	63.4	0.96
303.3	303.8	
304.4	~~44~~	
9:55 ~~376.0~~	68.4	
372.2	1318	0.94

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1925phae.proj..6610

Mar 6 1926

3 with 4, 4 dis + 7.

Index 330

10:W

217.4
285.4 68.0
40.0 60.0
110.0 128.0 1.02

218.6
281.0 62.4 1.11
36.3 57.3
93.6 119.7 1.20

Index 150

307.5 1.18
368.5 61.0
139.3 54.1
193.4 115.1 1.30

312.5 1.24
368.5 56.0
130.8 62.5
10 04+ 193.3 118.5 1.23

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1925phae.proj..661C

Sat 6 March 1926

4 nights vacation (RV after) 4 dis + 7

Index 80

10:09:10	299.2		
	379.2	80.0	
	117.8	85.2	
	203.0	165.2	+0.28
	297.4		+0.30
	377.2	79.8	
	121.0	84.0	
	205.0	163.8	+0.31

Index 260

			+0.36
10:12:10	29.4		
	103.3	73.9	
	208.0	80.2	
	288.2	154.1	+0.50
	28.0		+0.42
	103.3	75.3	
	205.3	86.9	
10:13:10	292.2	162.2	+0.34

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1925phae.proj..6610

Sat. 6 March 1926

R U cyfhi.

See Cunningham tracing.

(2) 3a ~~2c 2b 5d 1f~~ 3e 2d 1f 3g

((2) 3a j a 2c j c 2b j b 3e j e 2d j d 1f j f 3g. above rewritten)

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