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Tuesday, Jan. 6, 1920

Search for giants & dwarf stars.

Comparison of α Persei G5 ✕7983 according to Russell
α Canis D ✕8095

4216 is certainly stronger in α Persei, but I am not sure that the two enhanced lines 4455 etc. are stronger in α Canis Minoris.

Line 4455 appears blue decidedly ?
Line 4462 in β Hydri, dwarf, ?

β Cass. shows 4455 strong.

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Friday, Jan. 9, 1920

Attempt to find class of Classes F to K in which 4455 is sharp. 2 prisms. When not sharp

ε Phoenicis
β Doradus
α Horologii
β Leporis
α Reticuli
α Horologii
δ Leporis
β Columbae
ε Columbae
λ Vel. Lines very ft.

ζ Puppis, δ Volantis { Rather sharp lines.

α Fornacis ×8060 4455 sharp?
37.9-29 Is this a dwarf?
β Leporis ×8197 dwarf
546.4-2128

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Monday, March 8, 1920

Notes on Adams' list of typical stars, see letter of Feb. 24, 1920.

Typical giants from Fo to Mc

" dwarfs " Go to Ma,

For giants, the classification is the same as in Draper Catalogue, except in the case of the two Mc stars, which are classed both in H.D.

These two stars are P Z Aries No 49 m 37431 and 56 Lepus No 45 m 37731. The latter is in edge of plate and has rather poor definition

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March 8, 1920

Dwarfs.

Go Giant 1/2 Piscium I 37433, 29

Dwarf λ Aurigae I 38940
C 16765

The differences are too slight to distinguish
on I 37433 and I 38940

For C plates,
Giant 1 Piscium C 2317 too poor. λ Aurigae, too faint
Dwarf 8 Eridani C 15379
λ Aurigae C 16765
C 15379 + C 16765 compared with C 15285
+39°610 assuming it to be a giant and
with Sirius as Go stars selected
at random and no striking differences
were found. Either the dispersion must
be greater in the plates better to show
that difference between giants + dwarfs
of Class Go.

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March 8, 1920

Class G5

Giants ν Androm C15000

ν Piscium C1629 4215 much change
than in dwarf in C15267

Dwarfs. μ Cass C15267
61 Urs. Maj. 38401, 54. 4215 ft.

K0

Giants 5 Tauri C2326
α Bootis 4215 ft. on C1810. This
does not accord with usual Cassini
~~dwarfs~~. giants.

Dwarfs α Eridani C15753
54 Piscium C1654
C1654 and C1810 are of same displacement
but no striking differences are seen
in the two superposed

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March 8, 1920.

K2

Leonis & Arietis C5154
" Aurigae C6145 2 prom.

~~No doubts from~~
Dwarfs Mayall 20 I37379,31 ← Ko. Geminorum
70 Ophi C2800 45 in H.P from I37432, no.7
Better in I37379, Ko.

C 2800 compared with C ~~on~~ one pr. plate
" Aurigae Differences are not very
certain 4215 somewhat stronger
" Aurigae 4435 region not clearly
~~emphatic~~ defined.

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March 8, 1920

R5

Granite & Sani
40 Lyncis

Dwarfs Cat 31055 Sec

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Tuesday, March 9, 1920

Search for grants & drafts.

X 8419 δ Muscae.

4216 string
4455 ft. Grant.

X 7491 θ Centauri
1405 - 3519

4216 string
4455 ft. Grant.

Grant X 8270 γ Hydrae
13 13.5 - 12 39
4216 string
4455 ft.

X 6441 (one pr.) φ Lupi.
Draft? X 8488 2 pr. φ Lupi

4227 very string containing 8-10 times 4215
4453 = 4482 best determ X 6411

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17

March 8, 1920

Points for answer to Adams' letter of 18

List of stars with Spectra similar to Cephei's

See A. S. P. June, 1919 31, 184

Of the list, Boss 772 α Persei, Boss 1839 δ Cam hyp.
Boss 4707 α Drac, Boss 8229 β Cygni
Boss 5217 41 Cygni, Boss 8676 ζ Aquil
and Boss 6135 B Class. have already
7 been published as having variable
5 marked ~~B~~ p in H.D.
3 are Compositē.

Boss 1074 ε Persei
Boss 5787 o² Cygni
5804 5 Lacertæ

Notes on the remaining 8.

Boss 619 14 Persei No. 2 on J 37578, Measures & lines not in good focus.
On J 38072 much better.
It shows peculiarly thin lines as in δ Cephei

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March 17, 1920

Boss 1606 φ' Aurigae ~~C2289~~ d 37500 77
Lines narrow, Hγ shing.

Boss 2065 ξ Puppis Rem. Hγ & Hδ shg, but absorption as in K0 140777 Hδ.

Boss 2153 ρ Puppis. X 8211 lines narrow but not striking, Fe.

Boss 4463 β Virg. C 2959 Plate dark. Indecisive.

Boss 5797 α' Cap. C 7944 Soft.
B 2938 Good image, lines well defined but not especially narrow.

Boss 5431 ξ Cygni d 37878, 83
Not striking. Perhaps too dense

Boss 5931 Already classed as dir. "c".

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Dwarf

α Cen Ia

×8095 ×8098 3 pr.

Lewis measured

α Cen

×7983 3 pr.

Lewis measured

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List of ~~stars~~ stars with 3 proms Classes F–M.
from 28, 2.

24	β Hydri	
5	α Phoen	
43	α Hydri	
48	α Arietis	
68	α Ceti	
74	α Persei	
95	γ Hydri	
111	α Tauri	a=+5,0 b=-0,5 c=-0,3
125	α Aurigæ	
172	α Orionis	
193	α Carinæ	
283	α Can. Mi	
292	β Gem	4=16 a=+4,0 b=-0,1 c=-0,5
697	α Bootis	
716	α' Centaur	
1083	β Gruis	

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Same as prec. page with 2 prs.

2 ε Phon
3 9 Tuc.
25 β Phon
29 γ "
31 δ "
41 υ Cet.
44 π Fom
70 α Fom
71 — Eri.
72 τ^4 Eri.
85 τ^6 "
86 β Ret.
93 ζ Eri.
101 δ Hor.
102 α Hor.
103 α Ret.
107 d Eri.
110 υ^1 "
112 υ^2 "
122 ε Lep.
134 β Lep.
138 ε Col.
157 β Dor.
163 γ Lep. ×8197 $a = \overset{+1.2}{\cancel{+1.0}}$ $b = +1.5$ $e = +1.1$ dwarf.
165 β Pic.

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166 δ Lep.
167 β Col.
179 η Col.
191 δ "
212 τ Puppis
219 o' Canis Maj.
230 δ " "
233 δ " "
247 L² Puppis
258 π "
268 δ Vol.
273 σ Puppis
298 c "
307 ξ "
341 f "
364 — Vol.
370 ε Car.
373 A Vol.
382 b Vel.
413 γ "
419 — Car.
428 g "
429 L "
439 ψ Vel
440 ff "

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442 R Car.
448 l "
449 υ "
462 ρ "
466 κ Vel
485 p "
514 μ "
528 n Car.
560 ξ Hydr
591 ε Corv
600 ε Cruc
611 γ Crucis
614 β Corv
638 δ Musca
652 γ Hydr
691 π Hydr
692 θ Cent
718 α Cruc
721 α Aps.
739 σ Lib
748 ξ Lupi
770 φ' Lupi
786 υ Lib
796 β Trian Au
816 δ' Aps.

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817 δ^2 Ap.
826 γ Ap.
837 α Tr. A.
839 γ Ara
850 β^2 Scorp
853 β Ara
859 η Scorp
866 β Ara
872 α Oph
883 θ Scorp
886 η Par.
887 ε' Scorp.
891 γ "
896 W Sag.
899 γ "
904 ζ Tel.
913 η Sag.
918 δ "
927 λ "
947 α Par.
956 ξ^2 Sag.
957 2 Cor. A
963 o Sag.
965 ρ Cor. A

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967 τ Sag.
972 ρ Cor B
973 π Sag.
976 ρ² "
992 μ' Par.
995 μ² "
1007 δ "
1012 α Lup.
1028 β "
1043 ξ Cap.
1044 b "
1046 ν Oct.
1066 α Lup.
1092 ζ Gru.
1095 e² Aqr.
1097 e³ "
1098 ι Gru.
1099 γ Lup.
1101 b' Aqr.
1102 b² "

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Apr. 22, 1921.

H. Plutes

Plutes

1635	Princeps
1639	Blue
1640	Pria
+1784	Dreijana

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Apr. 22, 1921

Giants & Dwarfs.

δ Canis Maj. C2248 1 pr
α Remi C2257 " "

Giants

Go ι Aurigæ C2213 1 pr.
Ko Lunis very fine C1645 2 "

Gs η Piscium C1629 1 pr.
η Andr C15000 1

Ko α Bootis C1810 1 pr.
C6563 2 "
6886 " "

Ko 68 Tauri C2326 1 pr.

Mar μ Gem. C773 1 pr.

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Apr. 21, 1921

Draufs. Plates

β Cas.	C2305	1 pr.
	C5701	2 pr. Luis Marker
17 9-26.4	C15754	1
9.	C16765	1 very much extended in width
19 32.5 +69.5	C14952	1 pr.
70 Oph.	C2808	1 pr.

β Hydrae

X7719 2 pr.

X7804 5 Luc. 2 pr.

Draufs

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Jan. 2, 1923.

Plates given to Mr. Mengel for study of rotation

~~B~~

X 7966 B Or.
7967 A Cam Mag.
7978 J Or.
8095 A Cam Mi
8098 " " "
8114 A Cam
8113 A Or.
8119 E Or

C 393 A Aur.
399 B Or.
411 A Cam Mag.
415 B Or.
429 A Aur.
1493 A Or.
1423 A Ori

Solar sp. marked

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October 19, 1922

Study of red end on H plates.

Draconis taken by P. W. M. with 24-inch

α Herc

Bands at 476, 496, 706, 760

α Herc long. | | Bn | Bn | |

H 1843

706 is narrower than 760, and of slightly stronger intensity. Allowing for diff. in width, the amt of light in the two bands is about equal.

R Leonis Min.

H 1797

Sunt. Dicy.

H5 bright

Band 760 = 5 × 706

Flutings well marked over whole spectrum

o Ceti

H 1831

long

Feb. 21, 1917.

3 mos. after max.

Resembles α Herc.

Image very fl. except in red. Bn lines n.s.

Max. 1916 Nov. 8

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October 18, 1922

+25°1880 Bands 660 is wide & strong
H 1866

Same as H.D.

H 2109 No. 2 +45°3262 20 40.8 +45 40 (8.7)
Also has same band 660 strong.

Same as H.D.

I 18138 shows that +45°3271 is much redder than +45°3262

+45°3271 Red end abt cast 10 times stronger than blue
Two dark lines seen.
~~Appears to resemble~~
Like +61°2134 as H ~~2109~~ 1961

H 1961
+61°2134 This is similar to +25°1880 but the strong
N. band 660 does not stand out as highly.
Perhaps it is due to increased brightness of
the portion having greater ρ, which approaches
band 706 on design plates.

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Oct. 18, 1922

3 51.3 +60
H 1971 One h. band. which appears to be same
meteorite H 1866 +25° 1880.

~~+61°~~
+3° 1214 Similar dist. of light to +61° 2134, but
6 17.2 +32 9 contrast but. red & blue is not so strong.
1854

+49° 2999 Fl. but looks like +25° 1880
H 1929

this is classified Mt Wilson 37392, No. 20

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Oct. 18, 1922

class X Class M. class ?

[there may be redder stars]

Principal plates

Band 660 wide, strong

Band 660 extended Ward.

+25°1880	H1866	+45°3271	H2109
+44°2999	H1929	+61°2134	H1961
3 57.3+60	H1971	+3 1214	H1854
+45°3262	H2109		
−12 2289	H1860		
R Serpentis	H1680	H5 class bright.	

Band 660 is strong (highest) in all spectra of Class M per H 1646 where M star of early type, or perhaps even a K5 star, as no decided bands are seen and region of Hβ to Hγ is of quite well marked brightness.

It may interest to see that the red region shown on principal plates gives no key to the sub division of Class M. Merrill states that the relative intensities of bands 706 and 760 appear to furnish the means of separating Mg and Mb. In Ma 760 is weak, in Mb, it is strong. The band is beyond the limit of principal plates.

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Thursday, Oct. 19, 1922

Class in Pinacyanol

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Oct. 19, 1922

H 1964 21 21⁻ +49 9

Crowded sp. on plate

~~4~~ 42 spectra on plate. Only 3 in which the red end is stronger than the blue. They are

Secondary

(1) +49° 3123 (8.7)

(2) +49 3535 (9.2)

(3) +48 3394 8.8

I 35786 shows 1 + 3, but not (2)
Comp. on I 36266

(1) has bright band 4600 as in M perhaps Ma

(3) bands 4600 and 50 strong as in (1)

(2) red end not strongly so. Not late than K 5 or Ma

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1920phae.proj.2224c

Oct. 19, 1922

H 1961 H 1961 21 23. +62—

52 class
Only one apparently beyond Class K.
+61° 2134
Espin's R, but nothing like Class R.

My breaks seem between Hβ and Hγ
Shows the faintest DM class in region which are 9.5 (DM) and about 11 plate mags.

H 1965 21 26 +48
69 class
Spectra rather wide, but.
No red class in plate

(1) +48° 3392
Red end slightly stronger than from Hβ to Hγ. Photo by K5.
On I 25984 it seems no decided breaks, yet from Hγ to Hδ inclusive. Perhaps K8

+47° 3429 Espin's R. yet trace of 1st band in red, but perhaps not beyond K5.

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Oct. 19, 1922

H 1775 1 26.8 +60 8
55 stars on plate
Red stars, that is, red and decidedly brighter than blue.

1. +5-9° 274
Band 660 bright 2 dark lines ☆☆
No blue.

2. n.s.

3. +60° 270 1 25 +60
One h. band, resembly +25° 1580 = 1864
Embedded in other sp.

4. +60° 299 Similar to 1. +5-9° 274

H 1777 0 26 +63
55 stars on plate

+63° 56 Mt very red. Perhaps K5

+62° 86 Band 660 very perhaps Ma

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Oct. 19, 1920

H 1969 2 44 +57.

17 stars.

1. W Persei Red
Band 660 very bright.
Like +59° 674 (preced. page)

2. Red but more blue
Perhaps Ma

3. +57° 641
Perhaps Ma

4. More blue light. Similar to W Persei
+57° 647

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1920phae..proj..2224C

Oct. 19, 1922

H 1646 2 03 +41.8

47 stars.

1 red

+41°3991 20 59.2 +41 13 f. 2

Classed Ma m 38942

Gas neb. +41°4004 neb. 7027

Hβ = 10 Hα = 6 . Hγ = 0.1 H5 = 0.2

H ε perhaps glimpsed

H 1857 6 17 +3 29

49 stars.

1 +3°1214

Red end shows

Hβ & H γ barely seen.

See also p. 27.

2. Band 660 hazy. Hβ & Hγ clearly seen

+3°1219

3. Faint. Perhaps Ma

660 hazy. Hβ & Hγ ft.

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Oct. 19, 1922

H 18600 7 58 -12,7

71 class.

1. -12 2288 faint
Fluted. Class X

2. -13°2359
Only 660 seen
Probably J

3. -12 2283
660 strongest portion
Max in H.D.

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Wednesday May 16, 1923

In F7840

No + Class on B23239

1	3	A	E	H.D		
2	3	F2	"			
3	1	A				
4	2	K0				
4a	6	A				
5	6	A0				
6	7	A				
7	3	A	Reflection?	Yes.		
8	5	A	Perhaps B8			
9	2	F8				
10	1	K5				
11	2	G0				
12	4	A2			17	A5
13	5	G0			16	F8
14	7	A2			18	A0
15	2	A				
16	2	A3			19	A3
17	2	G0			20	A2
18	1	F0			21	F0
19	1	F8				
20	5	F2			33	F0
21	2	K2				
22	2	A			30	A0
23	1	A			31	A0
24	2	F2			32	F0
25	3	A2			35	B9

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Identified on I 21470

1	+11°	3720	18	58.0	+11	7	9.3 v
2	+11°	3721	18	58.0	+11	22	9.3 v
3			18	58.5	+11	24	
4	+11°	3726	18	58.7	+11	22	9.1 v
5	+11°	3728	18	58.8	+11	25	8.5 v
6	+11°	3727	18	58.7	+11	3	7.5 v
7	~~+11~~	~~3730~~	~~18~~	~~57.7~~	~~+11~~	~~7~~	~~9.3~~ v
8	+10°	3784	18	59.1	+10	59	8.5 v
9	+11°	3734	18	59.6	+11	24	9.5 v
10	+11°	3735	18	59.8	+11	20	9.2 v
11	+11°	3737	19	0.0	+11	28	9.5 v
12	+11°	3738	19	0.2	+11	13	9.1 v
13	+11°	3739	19	0.3	+11	25	8.7 v
14	+11°	3741	19	0.6	+11	24	8.8 v
15	+11°	3742	19	0.6	+11	30	9.4 v
16	+11°	3743	19	0.7	+11	26	9.1 v
17	+11°	3744	19	1.4	+11	21	9.4 v
18	+11°	3745	19	1.4	+11	16	9.5 v
19	+10°	3799	19	2.2	+10	53	9.4 v
20	+10°	3802	19	2.5	+10	57	8.5 v
21	+11°	3750	19	2.4	+11	21	9.0 v
22	+11°	3754	19	2.8	+11	12	9.3 v
23	+11°	3755	19	2.9	+11	7	9.5 v
24	+10°	3805	19	3.0	+10	59.9	9.5 v
25	+10°	3807	19	3.2	+10	59.7	9.0 v

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May 16, 1923

M F 7840

No. + Class on B 23239

26	6	a8			
27	1	K5	37	K2	
28	1	a	39	a2	
29	1	a	38	a0	
30	2	K0	29	g5	
31	4	F5			
32	2	F0			
33	3	a2			
34	3	g0	69	g5	
35	3	a3	70	a2	
36	2	g0			
37	2	a3			
38	4	a0			
39	4	F2	73	g0	
40	1	a	74	a0	
41	2	a0	75	a0	
42	4	F8			
43	1	a			
44	4	g0			
45	1	g0	77	g0	
46	1	g0	78	g0	
47	3	F0			
48	1	a5	79	a5	
49	3	a2			
50	4	g0			

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1920phae.proj.2224C

Identified on I WIH 70

26	+10°	3808	19	3.4	+10	39.8	8.5 ✓
27	+10°	3809	19	3.6	+10	58.6	9.3 ✓
28	+10°	3811	19	3.8	+10	51.8	9.6 ✓
29	+10°	3812	19	3.8	+10	59.5	9.5 ✓
30	+11°	3761	19	4.6	+11	17.6	8.8 ✓ unit
31	+11°	3764	19	5.1	+11	6.5	8.8 ✓
32	+10°	3826	19	5.8	+10	56.2	9.5 ✓
33	+10°	3827	19	5.9	+10	47.6	9.0 ✓
34	+10°	3833	19	6.9	+10	44.2	9.3 ✓
35	+10°	3837	19	7.6	+10	48.7	9.0 ✓
36	+10°	3840	19	8.3	+10	19.1	9.2 ✓
37	+10°	3841	19	8.6	+10	15.1	9.3 ✓
38	+10°	3843	19	8.9	+10	27.9	9.1 ✓
39	+10°	3844	19	9.2	+10	21.6	9.2 ✓
40	+10°	3845	19	9.3	+10	22.7	9.5 ✓
41	+10°	3846	19	9.5	+10	40.3	9.4 ✓
42	+10°	3847	19	9.5	+10	50.0	9.2 ✓
43	+11°	3785	19	9.5	+11	20.7	9.5 ✓
44	+11°	3786	19	9.9	+11	24.2	9.0 ✓
45	+10°	3851	19	10.4	+10	42.2	9.5 ✓
46	+10°	3852	19	10.7	+10	37.6	9.4 ✓
47	+10°	3854	19	10.9	+10	46.6	8.9 ✓
48	+10°	3856	19	11.0	+10	41.5	9.5 ✓
49	+11°	3789	19	10.9	+11	30.9	9.1 ✓
50	+11°	3793	19	11.4	+11	20.2	8.8 ✓

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1920phae.proj.2224c

Thursday, May 17, 1923

m Fe 7840

No. + Class on B23239

51	2	75		90	~~F8~~
52	2	G5		91	G5
53	3	K0		93	K0
54	1	F8			
55	3	K0		401	K0
56	3	G0		402	G0
57	1	G0			
58	1	G5			
59	4	A2		404	A0
60	4	G0		405	F5
61	1	G5			
62	2	A0			
63	1	K2			
64	3	G0		406	F5
65	1	K0			
66	1	F8			
67	2	F0			
68	3	K0			
69	2	A2			
70	2	A3			
71	4	A2			
72	5	G0			
73	1	G			
74	4	A0			
75	5	A2			

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1920phae.proj.2224C

To 65 identified on I 44470
From 64, identified on I 16103

51							
51 52	+10°	3860	19	12.5	+10	26.0	9.2 ✓
52 53	+10°	3861	19	12.8	+10	31.2	9.2 ✓
53 54	+10°	3867	19	14.0	+10	38.4	8.7 ✓
54 55	+11°	3803	19	13.8	+11	6.1	9.5 ✓
55 56	+11°	3805	19	14.1	+11	39.1	8.8 omit
56 57	+11°	3807	19	14.2	+11	44.1	9.1 omit
57 58	+11°	3809	19	14.8	+11	16.5	9.4 ✓
58 59	+11°	3813	19	15.5	+11	13.4	9.2 ✓
59 60	+11°	3816	19	15.7	+11	14.4	9.3 omit
60 61	+11°	3817	19	16.2	+11	45.3	9.0 omit
61	+11°	3818	19	16.4	+11	42.3	9.5 ✓
62			19	16.6	+11	35	✓
63	+11°	3821	19	16.8	+11	33.8	9.3 ✓
64	+11°	3820	19	16.8	+11	21.7	9.4 omit
65	+11°	3822	19	16.9	+11	4.9	9.2 ✓
66	+11°	3824	19	17.0	+11	7.7	9.5 ✓
67	+10°	3882	19	17.4	+10	47.9	9.4 ✓
68	+10°	3883	19	17.5	+10	26.1	9.1 ✓
69	+11°	3827	19	17.4	+11	15.2	9.4 ✓
70	+11°	3828	19	17.5	+11	37.7	9.5 ✓
71	+11°	3829	19	17.8	+11	44.5	9.0 ✓
72	+11°	3834	19	18.1	+11	40.6	8.7 ✓
73	+11°	3830	19	17.9	+11	19.6	9.5 ✓
74	+11°	3835	19	18.6	+11	23.7	8.9 ✓
75	+10°	3889	19	18.8	+10	46.8	8.8 ✓

Slight error in Dec. in cat. Star is as follows on chart 16103 Dec +11° 3833

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1920phae.proj.2224c

May 17, 1923
M F 7 to 10

			No. + Class on B23229	
76	1	G5		
77	1	F8		
78	2	K0		
79	2	A3		
80	1	K5		
81	3	A0	413	A0
82	2	A0		
83	3	K5		
84	2	A0		
85	3	A3	414	A0
86	3	A5		
87	2	F2		
88	2	Ma		
89	4	K0		
90	1	K		
91	1	A3		
92	2	A0		
93	3	F0		
94	2	Ma		
95	1	G5		
96	1	A2		
97	2	K2		
98	2	F0		
99	1	A		
100	1	A		

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1920phae.proj.2224C

239

Identified on I 16103

76	+10°	3897	19	19.8	+10	17.1	9.5
77	+10°	3898	19	20.0	+10	21.6	9.5
78	+10°	3900	19	20.3	+10	28.2	9.1
79	+10°	3902	19	20.4	+10	22.6	9.5
		3904	19	20.6	+10	19.3	9.2
80	+10°	~~3899~~	19	~~20.3~~	+10	~~11.1~~	~~9.3~~
81	+10°	3899	19	20.2	+10	11.1	9.3
82	+11°	3841	19	19.9	+11	0.6	9.4
83	+11°	3843	19	20.4	+11	20.8	8.9
84	+11°	3845	19	20.7	+11	8.6	9.5
85	+10°	3905	19	20.6	+10	18.0	9.3
86	+11°	3847	19	21.1	+11	9.2	9.4
87	+11°	3846	19	20.8	+11	21.2	9.4
88	+11°	3848	19	21.3	+11	28.8	8.8
89	+11°	3852	19	21.8	+11	14.4	8.7
90	+10°	3911	19	21.8	+10	39.7	9.5
91	+10°	3908	19	21.0	+10	40.5	9.5
92	+10°	3910	19	21.5	+10	28.3	9.5
93	+10°	3912	19	21.8	+10	26.9	9.1
94	+10°	3916	19	22.2	+10	19.9	8.6
95	+10°	3917	19	22.5	+10	14.3	9.5
96			19	22.2	+11	20	
97	+11°	3853	19	22.5	+11	19.5	9.0
98	+11°	3857	19	22.7	+11	21.8	9.3
99	+11°	3859	19	22.8	+11	17.6	9.5
100	~~+11°~~	~~3854~~	19	~~22.5~~	~~+11~~	~~34.1~~	~~9.5~~
	+11	3858	19	22.8	+11	30	9.5

Probably not

but slightly preceding & south of it—

This and +11 3855 seem to have declinations reversed. according to Plate I 16103

See 101

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1920phae.proj.2224c

May 17, 1923

In F 7860

				No. + Class
101	2	a 3		
102	1	a		Not in DM.
102a	1	F0		
103	3	a 2	Included in I 23442	
104	2	g 5	"	
105	1	g 5	I 23442	
106	2	a	I 23442	
107	1	K 5		
108	3	a 0	I 23442	
109	1	a 3	"	
110	1	K 0		
111	2	B 9		
112	3	a	Violet end sub. on 113	I 23442
113	3	a 3		"
114	2	B 5	Confirm if possible.	Not in DM.
115	1	K 5		
116	3	a 0		
117	3	g 5		
118	1	K 0		
119	2	a 3		
120	1	g 0		
121	1	K 5		
122	1	K 5		
123	1	a 5		Not in DM
124	2	g	Perhaps Comp.	" "
125	2	7 0		

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1920phae.proj.2224C

(101 identified on I 1b103)

101	+11°	3858 +11°	19	22.8	+ 11	30 ~~33.8~~ 9.5	9.5	see note Against 100
102	Not in Dm.	a/p/proc pos.	19	22.4	+ 10	35		
102a	+10	3921	19	22.8	+ 10	47	9.5	
103	+10°	3924	19	23.2	+ 10	52	9.2	
104		3926	19	23.4	+ 10	47	8.9	
105		3928	19	23.8	+ 10	48	9.x	
106		3929	19	24.0	+ 10	53	9.5	
107	+11	3868	19	24.1	+ 11	19	9.1	
108	+11	3869	19	24.3	+ 11	5	9.4	
109	+11	3870	19	24.3	+ 11	7	9.5	
110	+10	3935	19	24.7	+ 10	37	9.3	
111	+11	3872	19	24.7	+ 11	4	9.5	
112	+10	3933	19	24.6	+ 10	35	9.2	
113	+10°	3934	19	24.6	+ 10	38	9.1	
114	Not in Dm.		19	24.7	+ 10	45		
115	+10	3936	19	24.8	+ 10	44	9.3	
116	+10	3932	19	24.6	+10	17	9.5	
117	+10	3938	19	25.1	+10	9	8.8	
118	+10	3940	19	25.2	+10	45	9.4	
119	+10	3937	19	25.1	+10	59	9.5	
120	+11	3875	19	25.3	+11	12	9.5	
121	+11	3874	19	25.2	+11	35	9.2	
122	+11	3878	19	25.5	+11	11	9.5	
123	Not in Dm							
124	Not in Dm							
125	+11	3881	19	25.7	+11	13	9.5	

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1920phae.proj.2224C

May 17, 1923

M 7-7840

				No. Class
126	2	G0		
127	3	F2		
128	2	F0		
129	2	G0	Probably comp. Look up.	
130	2/4	A0		
131	1	A		
132	2	A0		
133	1	K5		
134	3	G5		
135	2	K0		
136	2	A3		
137	1	K5		
138	1	A		
139	2	A0		
140	2	F0		
141	2	A2		
142	2	G0		
143	1	A5		
144	7	A		
145	1	K5	The preceding of 2	
146	1	G0		
147	4	A2		
148	1	A5		
149	1	K5		
150	6	G0		

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1920phae.proj.2224c

Identified on ☉26078

~~12b~~

126	+11°	3883	19	26.1 +11	18	9.3
127	+10°	3949	19	26.2 +10	55	9.3
128	+10°	3943	19	25.7 +10	36	9.3
129	+10°	3950	19	26.3 +10	30	9.1
130	+10°	3952	19	26.4 +10	45	9.5
132	hot in D'm.					
133	+11°	3884	19	26.4 +11	4	9.5
134	hot in D'm.					
134	+11°	3885	19	26.4 +11	26	9.0
135	+11°	3887	19	26.5 +11	34	9.4
136	+11°	3888	19	26.9 +11	10	9.5
137	+10°	3959	19	27.1 +10	59	9.4
138	hot in D'm.					
139	+10°	3961	19	27.4 +10	52	9.2
140	+11°	3892	19	27.4 +11	10	9.5
141	+11°	3891	19	27.4 +11	25	9.5
142	+11°	3890	19	27.2 +11	42	9.5
143	hot in D'm.					
144	+11°	3893	19	27.8 +11	36	8.1
145	+11°	3896	19	28.1 +11	27	9.3
146	+11°	3900	19	28.4 +11	24	9.5
147	+11°	3902	19	28.6 +11	8	8.7
148	+10°	3971	19	28.3 +10	51	9.5
149	+11°	3898	19	28.2 +11	6	9.5
150	+11°	3895	19	28.0 +11	7	8.0

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1920phae.proj.2224c

Friday, May 16, 1923

m Fig 7 & 10 No. of Class

151	2	a_0	
152	2	7 0	
153	4	a_2	
154	2	a_3	
155	4	7 0	
156	2	a_2	
157	2	a_0	
158	3	a_2	
159	2	a_0	
160	3	72	
161	2	a_5	
162	2	7	Following of ~~Eq~~ Two
163	4	K2	
164	1	K_0	
165	2	G	E poor focus
166	4	a_0	
167	1	K_5	
168	3	a_0	
169	3	75	
170	1	K5	
171	3	a_2	
172	1	m	
173	2	K2	
174	2	a_0	
175	1	m	

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1920phae.proj.2224c

Identified on D 26078

151	+10°	3968	19	27.8	+10	43	9.5
152	+10°	3963	19	27.5	+10	27	9.2
153	+10°	3964	19	27.6	+10	24	8.6
154	not in D.M.						
155	+10°	3917	19	28.7 / 28.8	+10	37	9.0 / 9.1
156	+11°	3907	19	29.6	+11	5	9.4
157	+11°	3910	19	29.8	+11	20	9.4
158	+11°	3909	19	29.6	+11	32	9.5
159	not in D.M.						
160	+11°	3908	19	29.6	+11	43	9.1
161	not in D.M.						
162	+11°	3903	19	28.6	+11	29	9.5
163	+11°	3901	19	28.6	+11	37	8.0
164	+11°	3904	19	29.1	+11	27	9.4
165	+10°	3978	19	29.0	+10	33	9.5
166	+10°	3982	19	29.5	+10	31	9.3
167	+10°	3985	19	30.0	+10	29	9.3
168	+10°	3986	19	30.3	+10	38	9.5
169	+10°	3987	19	30.3	+10	17	9.0
170	+10°	3989	19	30.6	+10	38	9.3
171	+10°	3988	19	30.5	+10	58	9.4
172	+11°	3917	19	30.8	+11	10	9.5
173	+11°	3918	19	30.8	+11	4	9.2
174	+10°	3992	19	30.9	+10	50	9.5
175	not in D.M.						

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1920phae.proj.2224c

Friday, May 18, 1923

M 7-7840 Nor Clus

176	2	a5	
177	1	a	Partly sup. on 178
178	2	a2	
179	2	a5	
180	2	K5	
181	2	Ma	
182	2	G5	
183	2	K0	
184	2	G0	
185	3	a2	
186	3	a	
187	3	G5	
188	3	G0	
189	2	K0	
190	2	K2	
191	2	G5	
192	2	K0	
193	1	a	Partly sup. on 194
194	2	a2	
195	1	m	
196	2	a2	
197	3	a0	
198	4	a0	
199	2	G5	
200	2	F2	

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1920phae.proj.2224c

Identified on ♂ 26078

176	+10°	3994 19	31.1	+10	33	9.5
177	+10°	3995 19	31.2	+10	20	9.5
178	+10°	3997 19	31.2	+10	25	9.4
179	+10°	3993 19	30.9	+10	18	9.5
180	+10°	4000 19	31.6	+10	37	9.4
181	+10°	4002 19	31.8	+10	45	8.7
182	+10°	3999 19	31.5	+10	54	9.5
183	+11°	3919 19	31.0	+11	18	9.5
184	not in D M.					
185	+11°	3921 19	31.6	+11	32	9.4
186	+11°	3922 19	31.7	+11	25	9.2
187	+11°	3923 19	31.8	+11	9	9.2
188	+11°	3925 19	32.1	+11	4	9.2
189	+11°	3926 19	32.2	+11	27	9.5
190	+11°	3928 19	32.4	+11	32	9.3
191	+11°	3933 19	32.6	+11	11	9.3
192	+11°	3932 19	32.6	+11	20	9.2
193	not in D M.					
194	+11°	3929 19	32.6	+11	32	9.3
195	+11°	3935 19	33.0	+11	49	8.9
196	+11°	3934 19	32.9	+11	55	9.3
197	+11°	3930 19	32.6	+11	58	9.2
198	+12°	4012 19	32.7	+12	12	9.0
199	+12°	4009 19	32.2	+12	5	9.5
200	+11°	3994 19	32.6	+11	35	9.0

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1920phae.proj.2224C

Friday, May 18, 1923
M 7 7840

201	2	a_3	
202	1	7 G	
203		a_5	~~omit 2 stars~~ ~~See 8113~~ Omit - too blurry
204	~~2~~ 3	a_3	
205	3	a_2	
206		G	~~omit 2 stars ? Or left~~
207			omit 2 stars
208	1	7_0	
209	1	G	
210	2	G_0	
211	1	K	
212	3	G_0	
213	2	7_2	
214	1	a_5	
215	1	K	
216	2	G_0	
217	7	Comb.	$Br_2 = G_0$ $7t_1 = a_5$
218	1	a	
219	1	a	
220	3	a_2	
221	2	a_5	
222	3	G_5	
223	1	a	Lines very broad Not double or doubtful.
224	1	G	
225	3	a_3	

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1920phae.proj.2224c

Identified on I W1470

201	+11°	3723	18 19	58.3	+11	N1	9.5 ✓
202	+11°	3724	~~18~~ 18	58.5	+11	34	9.5 ✓
203							✓
204	+12°	3787	~~19~~ 18	58.5	+12	0	9.3 ✓
205	+11°	3725	18	58.6	+11	37	9.2 ✓
206	+11°	3729	18	~~58.8~~	+11	53	9.5 ~~omit~~
207			18	58.8	+11	56	omit
208	+11°	3731	18	59.0	+11	56	9.4 ✓
209	+12°	3806	18	59.7	+12	23	9.5 ✓
210	+12°	3809	19	0.3	+12	23	9.0 ✓
211	+11°	3736	(18 59 57.8) 19	0.0	+11	53	9.5 ✓
212	+11°	37ND	19	0.4	+11	49	9.0 ✓
213	+11	3746	19	1.5	+11	48	9.4 ✓
214			19	1.8	+11	38	✓
215	+11°	3748	19	2.0	+11	43	9.5 ✓
216	+11°	3747	19	1.8	+11	51	9.5 ✓
217	+12°	3818	19	1.~~X~~5	+12	2	7.5 ✓
218	+11°	3753	19	2.8	+11	50	9.5 ✓
219			19	1.8	+12	29	✓
220	+12°	3821	19	2.2	+12	34	9.4 ✓
221			19	2.4	+12	32	✓
222	+12°	3822	19	2.4	+~~24~~ 12	41	9.4 ✓
223			19	2.4	+12	45	✓
224			19	2.8	+12	50	✓
225	+12°	3827	19	3.0	+12	52	9.4 ✓

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1920phae.proj.2224C

Salinda, May 19, 1923

MF 7840

226	1	7	
227	3	A5	Lines narrow.
228	2	7	Comp? ~~questioned~~
229	1	K2	
230	2	K2	
231	1	A2	
232	1	G5	
233	2	A0	
234	1	K5	
235	2	K2	
236	2	70	
237	2	K5	
238	2	G5	
239	1	K5	Bright lines?
240	1	G5	
241	1	G0	
242	1	G	
243			Two faint. See 8113 A7
244	2	Comp.	Bri. = F5 Tt. = A.
245	3	G0	
246	2	A0	
247	1	A0	
248	1	78	
249			Two faint.
250	1	7	

Crude

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1020phae.proj.2224C

Identified on Ilford 70

226	~~+12° 3828~~	19	2.6	+12	2N	
		19	~~3.1~~	~~+12~~	~~57.0~~	~~9.4~~ ✓
227	+12° 3829	19	3.2	+12	34.4	9.4 ✓
228		19	3.3	+12	W5	✓
229	+12° 3828	19	3.1	+12	57.0	9.4 ✓
230	+12° 3831	19	3.3	+12	57.2	9.3 ✓
231	+12 3835	19	3.8	+12	21.6	9.4 ✓
232		19	3.9	+12	16	✓
233	+12° 3837	19	4.2	+12	3.3	9.5 ✓
234	+12° 3839	19	4.5	+12	7.8	9.0 ✓
235	+12° 3841	19	4.7	+12	8.3	9.3 ✓
236	+11° 3765	19	5.1	+11	57.8	9.5 ✓
237	+11° 3768	19	5.4	+11	49.7	9.0 ✓
238	+11° 3767	19	5.3	+11	27.4	9.4 ✓
239	+11° 3769	19	5.5	+11	41.3	9.5 ✓
240	+11° 3770	19	5.7	+11	42.0	9.5 ✓
241		19	5.7	+11	39	✓
242		19	3.6	+11	21	✓
243						✓
244	+12° 3848	19	5.7	+12	2	9.4 ✓
245	+11° 3772	19	6.0	+11	57.5	9.3 ✓
246	+11° 3776	19	6.8	+11	54.3	9.5 ✓
247		19	7.1	+11	28	✓
248	+11° 3777	19	7.3	+11	33.7	9.4 ✓
249		19	7.1	+12	0	✓
250						✓

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1920phae.proj.2224C

Saturday, May 19, 1923

M F 7840

251	1	K5
252	1	g0
253	1	7
254	1	78
255	3	a2
256	2	a0
257	4	a0
258	1	g
259	1	75
260	2	a5
261	6	a0
262	4	a3
263	3	g0
264	2	75
265	2	a
266	2	78
267		Two faint. a mist
268	4	g5
269	1	~~K~~
270	4	70
271	4	78
272		g ~~Two~~ faint.
273	2	g5
274	4	78
275	1	g

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1920phae.proj.2224c

Identified on I 41470

251	+12° 3858	19	8.1	+12	137	9.1
252	+12° 3859	19	9.0	+12	9.6	9.5
253	+11° 3781	19	8.8	+11	43	9.5
254	+12° 3868	19	10.4	+12	1	9.5
255	+12° 3860	19	9.0	+12	46	9.4
256		19	9.3	+12	46	
257	+12 3863	19	9.8	+12	53	8.7
258	+12° 3865	19	10.2	+12	25	9.5
259	+12° 3866	19	10.2	+12	26	9.5
260	+12 3864	19	10.2	+12	48	9.5
261	+12° 3867	19	10.3	+12	32	8.4
262	+13° 3965	19	9.2	+13	15	9.1
263	+13 3967	19	9.5	+13	39	9.2
264	+13 3970	19	9.8	+13	40	9.5
265		19	10.0	+13	41	
266		19	10.5	+13	42	
267						
268	+13° 3974	19	10.7	+13	57	8.9
269	+13° 3975	19	10.9	+13	54	9.4
270	+14° 3858	19	11.0	+14	2	9.2
271	+14° 3859	19	11.1	+14	2	9.0
272		19	11.1	+14	8	
273	+14 3861	19	11.2	+14	3	9.1
274	+13° 3978	19	11.8	+13	50	8.9
275		19	11.87	+14	0	

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1920phae.proj.2224c

Saturday May 19, 1923

M 71 840

276	1	G	
277	2	78	
278	2	G5	
279	2	B8	
280	1	G0	
281	2	K5	
282	4	A2	
283			Nipo faint. Gom 8110
284	2	G0	
285	1	75	
286	2	G0	
287	1	G0	
288	3	70	
289	1	75	
290	4	A3	
291			Nipo faint. Gom 8110
292	2	G0	
293	5	G5	
294	3	A2	
295	3	A0	
296	5	K0	
297	5	A3	
298	1	K5	
299	2	72	
300	2	G0	

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1920phae.proj.2224C

Identified on I HIH70

276			19	11.6	+14	9	
277	+13°	3980	19	12.5	+13	52	9.4
278	+13	3979	19	12.3	+13	28	9.2
279	+13	3976	19	11.1	+13	9	9.5
280	+12°	3871	19	11.8	+12	42	9.4
281	+12°	3874	19	12.0	+12	49	8.0
282	+12°	3876	19	12.3	+12	39	9.0
283							
284	+11°	3798	19	12.6	+11	50	9.2
285	+11°	3797	19	12.5	+11	6	9.5
286	+12	3885	19	13.4	+12	8	9.4
287	+12°	3878	19	12.7	+12	32	9.5
288	+12	3887	19	13.7	+12	33	9.2
289	+12	3888	19	13.7	+12	36	9.5
290	+12°	389	19	13.8	+12	50	8.8
291			19	12.6	+13	19	
292	+13°	3984	19	13.3	+13	28	9.2
293	+13°	3982	19	13.2	+13	48	8.3
294	+13°	3983	19	13.3	+13	56	9.2
295	+14°	3874	19	13.4	+14	3	9.1
296	+13°	3989	19	14.2	+13	52	8.6
297	+13°	3990	19	14.7	+13	36	9.0
298	+13°	3991	19	14.7	+13	16	9.5
299	+13°	3994	19	15.1	+13	0	9.3
300	+13°	3993	19	15.1	+13	6	9.3

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1920phae.proj.2224c

Saturday May 19, 1923

M F 7840

301	1	G0	
302			Two faint.
303			Two faint.
304	1	M?	Br. lines suspected.
305	1	G	
306	1	K	
307	2	7e	
308	4	G0	
39	4	A2	
310			Two faint.
311			Two faint.
312	5	70	
313	3	B8	
314	2	A3	
315			Two faint.
316	5	72	
317	3	A2	
318	3	75	
319	1	7?	
320	2	A	
321	1	G	
322	1	K	
323	1	A	
324	2	G0	
325	1	K	

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1920phae.proj.2224c

301 identified on I 1170		From 301 identified on I 2311			
301	+12° 3891	19	14.9	+12	20	9.4 ✓
302	+12° 3892	19	15.3	+12	17	9.5 Too faint
303	+11° 3808	19	14.5	+11	27	9.5 Too faint
304	+11 3812	19	15.0	+11	20	9.5 ✓
305	+12° 3895	19	16.4	+12	42	9.5 ✓
306	+12° 3893	19	15.9	+12	39	9.5 ✓
307	+13° 3997	19	15.6	+13	15	9.3 ✓
308	+13° 4001	19	16.1	+13	6	8.6 ✓
309	+13 4003	19	16.5	+13	4	9.2 ✓
310		19	16.2	+13	16	Too faint
311	+13° 3999	19	15.9	+13	26	9.5 Too faint
312	+13° 3995	19	15.4	+13	39	9.0 ✓
313	+13° 4000	19	15.9	+13	37	9.1 ✓
314	+13 3998	19	15.8	+13	50	9.5 ✓
315	+13° 3996	19	15.5	+13	44	9.3 Too faint
316	+14° 3888	19	15.1	+14	6	9.1 ✓
317	+14° 3893	19	16.0	+14	16	9.4 ✓
318	+14° 3895	19	16.4	+14	2	9.1 ✓
319		19	17.0	+13	16	✓
320	+13 4004	19	17.3	+13	3	9.5 ✓
321	+12° 3897	19	17.8	+12	40	9.4 ✓
322	+12° 3899	19	17.9	+12	54	9.2 ✓
323	+12° 3898	19	17.9	+12	59	9.3 ✓
324	+12° 3901	19	18.2	+12	25	9.4 ✓
325	+12 3902	19	18.7	+12	29	9.2 ✓

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1920phae.proj.2224c

May 19, 1923 Saturday

M F 7840

326	1	g	
327	1	g_5	
328	3	7 2	
329	1	a	
330	1	g	
331	1	a	
332			Two faint
333	1	m	
334	?		Two faint
335	1	7	
336	1	a	
337	2	a 2	
338	3	a 2	
339	4	7 0	
340	1	a	
341	1	7	
342	4	a_5	
343	1	a_3	
344	3	7 8	
345	2	7 5	
346	3	a 2	
347	2	K 2	K line faint?
348	1	K	
349	2	g_0	
350	4	a 2	

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1920phae.proj.2224c

Identified on I. 23442

326	+12° 3903	19	18.9	+12	35	9.4 ✓
327	+11° 3831	19	18.0	+11	58	9.5 ✓
328	+11° 3832	19	18.0	+11	58	9.0 ✓
329		19	18.3	+11	50	✓
330	+11° 3837	19	18.8	+11	50	9.5 ✓
331	+11° 3839	19	19.5	+11	22	9.5 ✓
332		19	17.9	+10	40	Too faint
333	+10° 3884	19	17.6	+10	44	9.2 ✓
334	+10° 3885	19	17.6	+10	35	9.5 Too poor
335	+10° 3880	19	17.2	+10	56	9.5 ✓
336	~~+10° 3880~~	19	17.2	+11	2	
		19	17.2	+10	56	9.5 ✓
337	+11° 3844	19	20.7	+11	47	9.5 ✓
338	+12° 3909	19	20.0	+12	34	9.1 ✓
339	+12° 3910	19	20.1	+12	35	9.0 ✓
340	+13° 4016	19	20.2	+13	4	9.5 ✓
341		19	20.6	+13	5	✓
342	+13° 4019	19	20.8	+13	7	9.1 ✓
343		19	21.2	+13	11	✓
344	+13° 4022	19	21.3	+13	11	9.0 ✓
345	+13° 4021	19	21.2	+13	18	9.5 ✓
346	+12° 3912	19	20.9	+12	22	9.1 ✓
347	+12° 3917	19	21.5	+12	14	8.5 ✓
348	+12 3919	19	21.6	+12	9	9.5 ✓
349	+12 3920	19	21.6	+12	3	9.3 ✓
350	+11° 3849	19	21.4	+11	48	8.8 ✓

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1920phae.proj.2224c

Saturday May 19, 1923

MT 7840

351	2	G0	
352	1	a	
353	1	G	Uncertain - lines not well seen.
354	1	a	
355	2	K8	
356	3	a2	Lines narrow.
357	4	B8	
358	1	a2	
359	1	K8	
360	3	a5	
361	2	K8	
362	1	a	
363			Two faint.
364	2	B8	Star of Class K. sup. s. f.
365	3	G0	
366	3	K8	
367	2	a0	
368	2	K0	Partly sup. on 367
369	1	a	
370	1	a	
371	2	K0	
372	5	K0	
373	2	a0	
374	3	Comp.	br. = F5 ft. = a5
375	1	a	

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1920phae.proj.2224c

Identified on I 23W42

351	+11°	3885	19	21.6	+11 47	8.9
352	+12	3922	19	22.1	+12 2	9.5
353	+12	3927	19	22.7	+12 17	9.3
354			19	22.9	+12 19	
355	+12	3931	19	23.2	+12 23	9.3
356	+12°	3928	19	22.8	+12 34	9.1
357	+12°	3918	19	21.5	+12 25	8.7
358	+12°	3915	19	21.4	+12 38	9.4
359	+13°	4027	19	22.1	+13 1	9.5
360	+13°	4025	19	22.0	+13 35	9.3
361	+13°	4027	19	22.8	+13 25	9.4
362			19	23.1	+13 27	
363			19	23.0	+12 55	Too faint
364	+12°	3933	19	23.3	+12 57	9.5
365	+12	3934	19	23.6	+12 49	9.1
366	+12°	3942	19	24.0	+12 45	8.9
367	+12	3936	19	23.7	+12 23	9.5
368	+12°	3937	19	23.7	+12 26	9.5
369	+12°	3941	19	23.9	+12 10	9.5
370	Katin Dm +12	3935	19	23.6	+12 8	9.5
371	+12	3939	19	23.8	+12 2	9.2
372	+11	3867	19	23.9	+11 52	8.7
373			19	23.8	+11 32	
374	+11°	3863	19	23.7	+11 30	9.3
375			19	23.8	+11 40	

* Probably the right identification if we assume an error of about 2' in dec. in Dm. catalogue & the star is dec. +12° 10' (approx) rather than +12° 8'.

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1920phae.proj.2224c

Saturday May 10, 1923

M F 7840

376	1	a	
377	2	K0	
378	5	a5	
379			Two four
380	2	a3	
381	1	a	
382	1	7	
383	1	m	
384	3	g0	
385	1	a	
386	1	g0	
387	1	K	
388	2	a0	
389	1	K5	
390	1	75	
391	2	78	
392	2	a3	
393	2	a0	
394	2	a5	
395	5	a5	
396	1	a	
397	4	g5	
398	1	g5	
399	1	K2	
400	4	70	

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1920phae.proj.2224C

Identified on I 23442

376	+11°	3861	19	23.3	+11	38	9.5 ✓
377	+11°	3860	19	23.0	+11	55	9.3 ✓
378	+12°	3944	19	24.7	+12	28	8.8 ✓
379			19	24.3	+11	32	Too poor
380			19	24.8	+11	44	✓
381			19	24.8	+11	56	✓
382			19	24.9	+11	54	✓
383			19	25.0	+11	50	✓
384	+11°	3876	19	25.3	+11	48	9.5 ✓
385	~~+11°~~	~~3876~~	19	25.5	+11	48	~~9.5~~ ✓
			19	~~25.3~~	~~+11~~	~~48~~	
386	+11°	3879	19	25.5	+11	52	9.5 ✓
387	+11°	3880	19	25.7	+11	38	9.5 ✓
388			19	25.3	+12	19	✓
389	+12°	3951	19	25.6	+12	19	9.3 ✓
390	+12°	3954	19	25.7	+12	14	9.5 ✓
391			19	26.1	+12	3	✓
392			19	26.5	+11	44	✓
393			19	26.6	+11	48	✓
394			19	26.9	+11	53	✓
395	+12°	3959	19	26.5	+12	13	9.2 ✓
396			19	26.8	+12	14	✓
397	+12°	3961	19	27.2	+12	2	9.1 ✓
398	+12	3962	19	27.2	+12	10	9.5 ✓
399	+12°	3966	19	27.5	+12	18	9.5 ✓
400	+12°	3970	19	27.9	+12	9	9.2 ✓

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1920phae.proj.2224c

Saturday May 19, 1923

In F 7840 cont.

M F 7840

401	3	A2	
402	3	K0	
403	3	B9	Lines ~~Hazy~~ narrow.
404	3	K0	
405	1	K0	
406	7	A	
407	1	F0	
408	5	K0	
409	2	B9	
410	2	B	Lines not well seen.
411	3	B8	
412	3	A0	
413	4	G0	
414	3	A5	
415	2	K2	
416	2	K0	
417	5	G0	
418	1	A0	s.f. γ^2
419	1	K2	n.f. " "
420	3	K2	
421	5	G5	
422	3	A0	
423	1	K2	
424	5	A2	
424a	2 & 3	F2	Partly sup. in a h. Ha & Smt
425	5		

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Nos. 401, 2, 3, 4, 5 identified on I 23442

401	+12°	3972	19	28.0	+12	15	9.3
402	+11°	3897	19	28.1	+11	59.5	8.8
403	+12°	3976	19	28.2	+12	9	9.2
404	+12°	3968	19	27.8	+12	32	8.9
	+12°	3969	19	27.9	+12	30	9.5
405	~~+12°~~	~~3874~~ 3873	~~19~~	~~12.0~~ 28.1	~~+12~~	~~49~~ 49	~~8.0~~ 8.9
406	+12°	3879	19	12.0	+12	49	8.9
407	not in B.M.						
408	+12°	3977	19	28.7	+12	55	8.1
409	+12°	3979	19	29.1	+12	50	9.4
410	not in B.M.						
411	+12°	3981	19	29.7	+12	~~40~~ 39	9.4
412	+12°	3982	19	30.1	+12	38	9.2
413	+11°	3912	19	29.8	+12	0	8.6
414	+11°	3916	19	30.5	+11	29	8.9
415	+11°	3920	19	31.3	+11	49	9.2
416	+12°	3998	19	31.3	+12	5	9.0
417	+12°	3997	19	31.2	+12	17	8.2
418	+12°	3990	19	~~30.8~~ 31.0	+12	~~22~~ 21	~~8.0~~ 9.4
419	+12°	3992	19	30.9	+12	25	9.3
420	+12°	3996	19	31.1	+12	34	8.9
421	+12°	3995	19	31.1	+12	37	8.2
422	+12°	3991	19	30.8	+12	~~34~~ 35	9.4
423	+12°	3989	19	30.8	+12	52	9.3
424	+13°	4081	19	30.7	+13	11	9.0
~~424~~	~~+13~~	~~4074~~	~~19~~	~~30.0~~	~~+13~~	~~7~~	~~8.9~~
425	+13°	4082	19	30.7	+13	9	8.8
~~426~~							

925918

926078

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1920phae.proj.2224c

Mount Wilson May 21, 1923

(M W F 7840 (cont.)

M W F 7840

426	1	K5	
427	1	K5	
428	3	G0	
429	5	B8	
430	2	A2	
431	6	K	sup. on 432
432	4	A	sup. on 431
433	2	70	
434	3	75	
435	2	A0	
436	2	K0	
437	6	A0	
438	3	A3	
439	5	B5	
440	1	M	
441	1	A	
442	1	G	
443	2	K0	
444	4	G5	
445	2	A2	
446	5	A	Lines not well seen
447	1	K0	
448	1	G	
449	2	F8	
450	6	G0	

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1920phae.proj.2224c

	426	+13°	4083	19	31.1	+13	24	9.5
	427	+13°	4088	19	31.3	+13	22	9.4
D26078	428	+13°	4088	19	31.7	+13	21	9.5
	429	+12°	3999	19	31.4	+12	44	9.0
	430	+12°	4003	19	31.8	+12	26	9.5
	431	+12°	4001	19	31.8	+12	2	8.1
	432	+12°	4002	19	31.8	+12	3	8.9
	433	+12°	4004	19	31.9	+12	3	9.5
D21361	434	+11°	3924	19	32.0	+11	56	9.5
	435	+12°	4006	19	32.1	+12	6	9.5
	436	+12°	4005	19	32.1	+12	20	9.4
	437	+12°	4008	19	32.2	+12	24	9.0
	438	+12°	4010	19	32.5	+12	24	9.5
	439	+12°	4013	19	32.7	+12	47	9.5
	440	+12°	4011	19	32.6	+12	56	9.3
D26078	441	Not in DM						
	442	Not in DM						
	443	+13°	4093	19	33.2	+13	26	9.4
	444	+12°	4017	19	33.3	+12	44	8.7
	445	+12°	4021	19	33.9	+13	0	9.1
	446	+13°	4030	19	23.9	+13	10	8.9
	447	+12°	3943	19	24.2	+12	58	9.2
D25918	448	Not in DM.						
	449	+13°	4031	19	24.2	+13	19	9.3
	450	+13°	3945	19	24.8	+13	59	9.5

R = Two stars superposed (one star)

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1920phae.proj.2224c

Monday May 21, 1923

M 7840 ~~comb~~ ont.

M Fl 7840

451	2K	K0	
452	3	70	
453	4	K2	
454	3	B9	
455	1	B?	lines not seen.
456	3	a0	
457	2	a0	
458	4	a2	
459	2	a0	
460	6	a2	
461	1	K	
462	1	G	ammonia clear suf. at ~~South~~.
463	2	a2	
464	5	B9	
465	3	78	
466	2	G0	
467	2	K0	
468	1	a	
469	3	G0	
470	1	K0	
471	1	G5	
472	3	a0	
473	2	K2	~~F~~ foll. The G. of two
474			omit
475	4	a2	

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1920phae.proj.2224c

Identified on J 25918

451	+12°	~~4035~~ 3948	19	24.9	+12	50	9.0
452	+13°	4036	19	24.9	+13	9	8.8
453	+13°	4039	19	25.0	+13	19	7.9
454	+13°	4038	19	25.0	+13	27	9.2
455	not in Dm.						
456	+13°	4033	19	24.6	+13	44	9.5
457	not in Dm.						
458	+13°	4035	19	24.9	+13	49	8.7
459	+13°	4037	19	25.0	+13	59	9.4
460	+14°	3947	19	25.3	+14	1	8.0
461	not in Dm.						
462	+13°	4041	19	25.7	+13	26	9.5
463	not in Dm.						
464	+13°	4042	19	26.1	+13	27	8.9
465	+13°	4047	19	26.3	+13	34	9.3
466	+13°	4048	19	26.6	+13	24	9.5
467	+13°	4040	19	25.5	+13	6	9.5
468	not in Dm.						
469	+13°	4044	19	26.2	+13	8	9.4
470	+12°	3956	19	26.0	+12	56	9.5
471	not in Dm.						
472	+12°	3950	19	25.6	+12	35	9.3
473	+12°	3953	19	25.7	+12	50	9.2
474	+12°	3955	19	25.8	+12	38	9.5 oimt
475	+12°	3957	19	26.1	+12	32	8.8

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Monday. May 21, 1923

M 7840 (cont.)

M F 7840

476	1	a0
477	2	75
478	2	B9
479	3	a2
480	4	70
481	2	a0
482	5	95
483	5	K0
484	3	72
485	1	78
486	1	95
487	3	a0
488	1	a the n. of two.
489	4	K0
490	2	a0
491	6	a0
492	5	a2
493	6	72
494	1	95
495	1	a5 prec. of 2.
496	1	a3
497	4	90
498	2	78
499	2	a5
500	2	90

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476	not in DM.						
477	not in D.M.						
478	+12°	3958	19	26.2	+12	33	9.4
479	+12°	3960	19	268	+12	54	9.2
480	+13°	4050	19	26.7	+13	4	9.0
481	+12°	3965	19	27.3	+12	52	9.5
482	+12	3964	19	27.3	+12	20	8.7
483	+13°	4051	19	27.1	+13	34	8.4
484	+13°	4059	19	28.1	+13	51	8.7
485	+13°	4061	19	28.2	+13	36	9.5
486	+13°	4056	19	28.1	+13	23	9.4
487	+13°	4062	19	28.3	+13	18	9.5
488	not in D M.						
489	+13°	4063	19	28.6	+13	18	8.4
490	+13°	4064	19	28.7	+13	35	9.4
491	+13°	4066	19	28.8	+13	45	8.8
492	+13°	4069	19	29.3	+13	31	8.0
493	+14°	3965	19	28.6	+14	10	8.2
494	+13°	4065	19	28.7	+13	53	9.5
495	+13°	4068	19	28.9	+13	59	9.5
496	not in DM.						
497	+13°	4070	19	29.3	+13	57	8.7
498	+13°	4072	19	29.7	+13	50	9.5
499	not in D M.						
500	+13°	4075	19	30.2	+13	50	9.4

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Monday May 21, 1923

MF 7840 (~~cont~~ with)

MF 7840

501	4	a5
502	3	70
503	3	B9
504	2	K0
505	1	a
506	1	K5
507	2	a2
508	3	g0
509	3	78
510	4	a3
511	3	a5
512	2	a0
513	2	78
514	2	a2
515	1	a
516	6	g0
517	2	a3
518	1	78
519	3	a2
520	2	K0
521	2	a5
522	2	B9
523	3	75
524	2	75
525	2	g5

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501	+14°	3975	19	30.3	+14	10	8.9
502	+14°	3977	19	30.6	+14	3	9.5
503	+13°	4076	19	30.4	+13	48	9.5
504	+13°	4078	19	30.4	+13	44	9.3
505	not in Dm.						
506	+13°	4077	19	30.4	+13	29	9.2
507	+13°	4079	19	30.5	+13	35	9.4
508	+14°	3980	19	30.8	+14	8	9.5
509	+14°	3981	19	31.0	+14	2	9.4
510	+13°	4084	19	31.2	+13	54	9.5
511	+14°	3983	19	31.2	+14	2	9.4
512	+14°	3984	19	31.5	+14	2	9.4
513	+14°	3985	19	31.7	+14	4	9.4
514	not in Dm						
515	not in Dm.						
516	+14°	3986	19	31.8	+14	24	8.7
517	+14°	3989	19	32.7	+14	23	9.1
518	+14°	3987	19	32.0	+14	9	9.5
519	not in Dm		19	32.7	+14	23	9.1
520	+14°	3990	19	33.0	+14	33	9.2
521	+14°	3992	19	33.1	+14	20	9.4
522	+14	3991	19	33.1	+14	53	9.3
523	+12°	3789	18	57.5	+12	12	9.1
524	+11°	3719	18	57.8	+12	0	9.3
525	+12°	3796	18	58.5	+12	24	9.1

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Monday May 21, 1923

M 7 7840 (~~cont~~ cont.)

M 7 7840

526	1	a
527	2	a
527B	1	K F5
528	1	g5
529	1	78
530	2	B8
531	1	a0
532	3	75
533	3	K2
534	7	a0
535	5	K0
536	2	75
537	4	B8
538	3	K0
539	2	72
540	1	g
541	5	g0
542	1	K0
543	1	72
544	1	70
545	3	75
546	3	a2
547	4	a2
548	3	70
549	1	a5
550	1	a

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1920phae.proj.22246

Identifications 25702

526	+12°	3795	18	58.5	+12	31	9.5
527	+12°	3799	18	58.6	+12	21	9.5
527a	+12°	3800	18	58.6	+12	22	9.2
~~527b~~	+12°	~~3798~~ 3777	18	58.6	+12	26	9.5
528	+12°	3804	18	59.4	+12	28	9.5
529	+12°	3803	18	59.1	+13	0	9.5
530	+13°	3895	18	58.4	+13	23	9.5
531	+13°	3896	18	58.5	+13	21	9.5
532	+13°	3897	18	58.6	+13	20	9.2
533	+13°	3902	18	59.2	+13	38	9.0
534	+13°	3903	18	59.6	+13	37	8.4
535	+13°	3905	18	59.8	+13	28	8.3
536	+13°	3904	18	59.8	+13	33	9.3
537	+13°	3906	18	59.8	+13	44	8.6
538	+13°	3909	18	0.1	+13	20	8.7
539	+13°	3907	19	0.1	+13	5	9.5
540	+13°	3910	19	0.4	+13	1	9.5
541	+13°	3912	19	0.4	+13	9	8.5
542	+12°	3812	19	0.8	+12	37	9.3
543	+13°	3918	19	2.2	+13	5	9.5
		Approx pos.	19	2.6	+13	13	
544	+13°	~~3920~~	19	2.5	+13	9	9.5
545	+13°	3915	19	1.7	+13	26	9.3
546	+13°	3916	19	1.7	+13	32	9.3
547	+13°	3917	19	2.0	+13	46	9.1
548	+13°	3919	19	2.3	+13	31	9.3
549	not in D M.						
550	not in D M.						

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Monday May 21, 1923

M 7840 (cont'd)

551	3	g5
552	3	a3
553	4	a0
554	1	K
555	2	K0
556	3	a3
557	1	a
558	4	g8
559	4	B8
560	1	a5
561	5	K0
562	1	a
563	3	g0
564	1	K0
565	1	a5
566	1	g
567	1	K
568	3	a5
569	2	70
570	5	a2
571	5	72
572	1	a
573	2	g0
574	3	a5
575	2	a0

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Identified on ϑ 25 702

551 +13°	3923	19	2.9 +13	33	9.5
552 +13°	3925	19	3.4 +13	36	9.2
553 +13°	3929	19	4.3 +13	20	8.7
554 +12°	3842	19	4.7 +12	34	9.5
555 +12°	3845	19	5.1 +12	38	9.0
556 +13°	3933	19	4.9 +13	5	9.3
557 +13°	3938	19	5.2 +13	20	9.5
558 +13°	3941	19	5.2 +13	15	8.8
559 +13°	3946	19	5.6 +13	7	9.1
560 +13°	3947	19	5.7 +13	4	9.5
561 +13°	3949	19	6.0 +13	9	8.5
562 hot in D m.					
563 +12°	3856	19	6.5 +12	55	9.3
564 +12°	3855	19	6.5 +12	38	9.4
565 +12°	3857	19	7.5 +12	56	9.3
566 hot in D m.					
567 +13°	3950	19	6.7 +13	31	9.5
568 +13°	3951	19	6.8 +13	29	9.5
569 +13°	3954	19	7.1 +13	22	9.4
570 +13°	3956	19	7.4 +13	19	9.0
571 +13°	3960	19	8.6 +13	0	8.5
572 +13°	3952	19	7.0 +13	46	9.5
573 +13°	3957	19	7.4 +13	43	9.4
574 +14°	3835	19	7.4 +14	8	9.5
575 +14°	3836	19	7.4 +14	2	9.5

516

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Monday May 21, 1923

M7. 7840 (continued)

576	1	a
577	5	a_0
578	3	a_3
579	2	a_0
580	2	K_5
581	2	B_9
582	1	a_0
583	6	g_0
584	2	a_0
585	5	a_0
586	1	a
587	1	a
588	1	78
589	2	a_5
590	5	g_5
591	2	a_3
592	3	g_5
593	5	7_5
594	1	a
595	2	B_8
596	1	78
597	3	a_3
598	2	Ma foge. of two.
599	2	7_0
600	4	a_2

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Identified on D 25702

576	not in D m.					
577	+14°	3837	19	7.6	+14	9	9.1
578	+14°	3839	19	7.8	+14	12	9.3
579	+14°	3838	19	7.8	+14	17	9.2
580	+14°	3844	19	8.4	+14	25	8.7
581	+13°	3962	19	8.8	+14 13	53	9.5
582	not in D m.						
583	+13°	3969	19	9.8	+14 3	51	8.0
584	+14°	3853	19	9.8	+14	8	9.4
585	+14°	3854	19	9.9	+14	22	8.7
586	+14°	3856	19	10.3	+14	46	9.5
587	not in D m.						
588	not in D m.						
589	+14°	3860	19	11.2	+14	48	9.5
590	+14°	3850 49	19	9.2	+14	58	8.2
591	+15°	3749	19	9.8 7	+15	3	9.5
592	+15°	3748	19	9.7	+15	18	9.1
593	+15°	3752	19	10.0	+15	5	8.4
594	+15°	3753	19	10.2	+15	16	9.4
595	+15°	3750	19	10.0	+15	23	9.4
596	not in D m.						
597	+15°	3757	19	11.4	+15	19	9.4
598	+15°	3761	19	11.9	+15	17	9.1
599	+15°	3763	19	12.2	+15	26	9.5
600	+15°	3768 3769	19	12.6	+15	9 24	8.3 9.0

On D 25702 star 602 was erroneously marked 600 by R. J. C. O. Km 25360.

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1920phae.proj.2224c

Monday May 21, 1923

M7 7840 (~~could~~ cont.).

601	1	70	
602	5	75	
603	2	B9	
604	2	a2	
605	4	B9	
606	2	a2	
607	3	70	
608	2	a0	
609	1	a	
610	2	70	
611	1	a	
612	2	a3	
613	1	g5	
614	3	g0	
615	5	K0	
616	4	g5	
617	6	70	
618	2	78	
619	5	70	
620	4	g0	
621	4	78	another star suf. at s.
622	2	75	
623	1	a	
624	2	g0	
625	2	a	another star suf. at n.

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Identified on ∂ 25360

601	Not in DM.					
602	+15°	3769	19	12.6	+15	9	8.3
603	+14°	3866	19	12.9	+14	49	9.5
604	+14°	3867	19	12.9	+14	43	9.5
605	+14°	3865	19	12.8	+14	2	8.5
606	+14°	3870	19	13.1	+14	19	9.4
607	+14°	3876	19	13.5	+14	35	9.3
608	+14°	3877	19	13.8	+14	47	9.5
609	+14°	3878	19	13.9	+14	41	9.5
610	+14°	3880	19	14.0	+14	46	9.5
611	+14°	3882	19	14.3	+14	20	9.5
612	+14°	3885	19	14.6	+14	38	9.5
613	Not in DM.					
614	+14°	3891	19	15.7	+14	30	9.4
615	+14°	3892	19	15.9	+14	47	7.7
616	+14°	3894	19	16.1	+14	52	8.9
617	+14°	3897	19	16.7	+14	26	8.2
618	+14°	3899	19	17.0	+14	40	9.2
619	+14°	3900	19	17.2	+14	35	8.5
620	+14°	3903	19	17.4	+14	32	8.9
621	+14°	3902	19	17.3	+14	51	9.2
622	+14°	3905	19	17.9	+14	39	9.5
623	Not in DM.					
624	+14°	3906	19	18.3	+14	11	9.5
625	+14°	3908	19	18.7	+14	48	9.5

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Tuesday May 22, 1923

M 7840 Cont.

626	2	a_5	lines very broad
627	2	7_5	
628	2	B_8	lines narrow
629	5	g_5	~~Not~~
630	1	a	
631	2	7_2	
632	1	K	Not well defined
633	1	g	
634	1	a	
635	5	B_9	
636	1	a	
637	1	K	
638	1	K_0	
639	2	g_0	
640	2	K_0	
641	2	7_5	
642	4	7_5	
643	1	B_9	
644	4	a_5	
645	2	g_0	
646	1	a_5	
647	3	7_8	
648	1	K_5	
649	1	7	
650	2	K_5	H delta br.?

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Identified on ♂ 25360

626	+13°	4005	19	17.5	+13	22	9.5
627	+13°	4007	19	18.0	+13	16	9.5
628	not in DM.						
629	+13°	4010	19	18.8	+13	25	8.6
630	not in DM.						
631	+13°	4009	19	18.4	+13	~~29~~ 28	9.5
632	not in DM.						
633	+13°	4011	19	18.9	+13	36	9.5
634	+13°	4012	19	18.9	+13	46	9.5
635	+13°	4013	19	19.3	+13	6	8.9
636	+12°	3905	19	19.5	+12	45	9.5
637	+14°	3907	19	18.7	+14	4	9.5
638	+13°	~~3914~~ 4014	19	19.5	+13	55	9.5
639	not in DM.						
640	+14°	3916	19	20.2	+14	3	9.3
641	+13°	4017	19	20.5	+13	58	9.3
642	+13°	4018	19	20.7	+13	42	8.8
643	not in DM.						
644	+14°	3914	19	19.8	+14	22	9.2
645	+14°	3915	19	20.1	+14	31	9.5
646	+14°	3912	19	19.8	+14	37	9.2
647	+14°	3910	19	19.1	+14	~~10~~ 26	~~8.0~~ 8.4
648	+15°	3807 6	19	18.9	+15	~~12~~ 13	9.4
649	not in DM.						
650	+14°	3917	19	20.3	+14	49	9.0

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May 23, 1923 Tuesday
M 7-7840 Cont.

651	1	G	
652	2	A_3	
653	6	A_5	
654	2	78	
655	7	A_3	
656	1	7_5	
657	4	G_5	
658	2	Bg	
659	4	A_0	line 4077 very strong.
660	1	K_2	
661	2	A_0	
662	1	Bg	
663	1	G	
664	2	A_0	
665	3	Na	
666	1	A	
667	2	7_5	
668	1	K	
669	3	7_5	
670	2	A_0	
671	2	7	
672	1	A	
673	1	K_0	
674	3	A_5	lines narrow.
675	4	A_0	

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1920phae.proj.2224c

Identification 25360

651	+14°	3918	19	20.5	+14	9.5
652	+14°	3919	19	20.6	+14	9.3
653	+14°	3921	19	20.9	+14	8.6
654	+14°	3924	19	21.2	+14	9.4
655	+13°	4023	19	21.4	+13	7.7
656	+13° not in D.M.	4024	19	21.5	+13	8.8
657	+13°	4024	19	21.5	+13	8.8
658	+14°	3930	19	21.8	+14	9.5
659	+14°	3929	19	21.9	+14	9.3
660	not in D.M.					
661	not in D.M.					
662	+14°	3932	19	22.4	+14	9.5
663	not in D.M.					
664	+14°	3934	19	22.4	+14	9.5
665	+14°	3937	19	22.8	+14	8.0
666	+15°	3832	19	22.4	+15	9.5
667	not in D.M.	+15° 3832	19	22.4	+15	9.5
668	+15°	3831	19	22.2	+15	9.5
669	+15°	3829	19	22.1	+15	9.5
670	+15°	3828	19	21.7	+15	9.5
671	+14°	3927	19	21.6	+14	9.4
672	not in D.M.					
673	+14°	3925	19	21.3	+14	9.2
674	+15°	3817	19	20.7	+15	9.4
675	+15°	3819	19	20.7	+15	9.3

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Tuesday May 22, 1923
M°7840 Cont.

676	2	70
677	3	a5
678	6	a3
679	6	Cont. br. = 75 ft. = a3
680	1	7:
681	3	a0
682	4	B9
683	4	g0
684	3	78
685	4	a2
686	1	g
687	2	a0
688	1	K5
689	3	K0
690	3	g0
691	2	g0
692	2	K0
693	3	g0
694	2	g0
695	4	78
696	4	70
697	4	a2
698	4	a0
699	4	g5
700	1	78

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Identified on 25360

676	+15°	3821	19	21.2	+15	15	9.5
677	+15°	3815	19	20.4	+15	19	9.4
678	+15°	3813	19	19.6	+15	16	8.1
679	+15°	3811	19	19.4	+15	16	8.0
680	not in DM.						
681	+15°	3810	19	19.4	+15	34	9.3
682	+15°	3808	19	19.2	+15	57	8.7
		3812	19	19.6	+15	50	8.7
683	+15°	3809	19	19.4	+15	50	9.5
684	+15°	3814	19	20.1	+15	43	9.0
685	+15°	3816	19	20.5	+15	49	8.6
686	not in DM.						
687	+15°	3818	19	20.8	+15	45	9.3
688	+15°	3822	19	21.2	+15	44	9.5
689	+15°	3823	19	21.3	+15	49	9.2
690	+15°	3825	19	21.4	+15	42	9.2
691	+15°	3828	19	21.9	+15	42	9.4
692	not in DM.						
693	+16°	3864	19	21.5	+16	11	9.5
694	not in DM.						
695	+15°	3827	19	21.8	+16	0	8.7
696	+16°	3868	19	22.5	+16	10	8.8
697	+15°	3833	19	22.7	+15	58	8.6
698	+15°	3836	19	23.1	+15	8	9.2
699	+15°	3837	19	23.4	+15	12	8.8
700	+15	3939	19	23.6	+14	58	9.5

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Tuesday May 22, 1923
M 7-7840 Cont.

701	2	a_2
702	5	a_0
703	2	K_2
704	2	g_0
705	3	a_3
706	1	7
707	2	g_1
708	3	4_8
709	1	g_0
710	1	7_0
711	2	g_5
712	1	K_5
713	2	a_5
714	2	a_2
715	1	a
716	2	7_8
717	1	K_0
718	2	7_2
719	1	K_0
720	1	K
721	1	K_0
722	6	7_2
723	5	B_8
724	3	a_2
725	3	K_5 Br. lines ?

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701	+15°	3839	19	23.7	+15	7	9.3 ✓
702	+14°	3940	19	24.0	+14	56	9.0 ✓
703	+14°	3942	19	24.2	+14	46	9.2 ✓
704	+14°	3943	19	24.4	+14	49	9.4 ✓
705	+15°	3842	19	24.3	+15	0	9.4 ✓
706			19	23.7	+14	21	✓
707	+14°	3941	19	24.1	+14	21	9.5 ✓
708	+14°	3949	19	25.3	+14	31	9.1
	~~+14~~	~~3944~~	19	~~24.6~~	+14	22	9.5 ✓
709	+14°	3951	19	25.4	+14	30	9.5 ✓
710	+14°	3952	19	25.6	+14	7	9.4 ✓
711	+13	4046	19	26.3	+13	50	9.4 ✓
712	+13	4049	19	26.6	+13	52	9.3 ✓
713	+14	3955	19	26.6	+14	9	9.5 ✓
714			19	27.1	+14	18	✓
715			19	27.4	+13 14	0	✓
716	+14	3959	19	27.4	+14	18	9.5 ✓
717	+14°	3961	19	27.6	+14	37	9.5 ✓
718	+14°	3960	19	27.5	+14	50	9.5 ✓
719			19	28.3	+14	29	✓
720	+14	3963	19	28.2	+14	18	9.4 ✓
721	+14°	3966	19	28.7	+14	35	9.4 ✓
722	+14	3967	19	29.0	+14	43	8.4 ✓
723	+14°	3968	19	29.3	+14	30	8.4 ✓
724	+14	3969	19	29.4	+14	19	9.3 ✓
725	+14°	3972	19	29.5	+14	44	8.9 ✓

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1920phae.proj.2224c

Tuesday May 22, 1923
M 7 7840 Cont.

726	1	M?
727	6	g5
728	2	78
729	1	K5
730	1	K2
731	1	7.8
732	3	a2
733	2	72
734	2	a3
735	3	g0
736	1	a0
737	1	g
738	7	B9
739	3	a3
740	1	K5
741	1	a
742	2	a2
743	4	g0
744	2	a0
745	3	72
746	5	a0
747	3	a3
748	3	B9
749	3	B8
750	3	K2

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726		+14°	3923	19	29.6	+14 29	9.5 ✓
727		+15°	3868	19	28.0	+15 10	9.5 ✓
728	Either may be →	+15°	3871	19	28.6	+15 7	9.2 ✓
729							
730		+15°	3874	19	29.2	+15 7	9.2 ✓
731				19	29.2	+15 10	✓
732		+15°	3876	19	29.5 30.0	+15 12	9.4 ✓
733				19	~~29.8~~	+15 14	✓
734				19	29.87	+15 22	✓
735		+15°	3878	19	30.3	+15 28	9.4 ✓
736				19	30.2	+15 11	✓
737				19	29.2	+14 47	✓
738		+14°	3978	19	30.7	+14 56	8.3 ✓
739		+14°	3979	19	30.8	+14 47	9.5 ✓
740		+14°	3982	19	31.2	+14 49	9.4 ✓
741		+15°	3882	19	31.2	+15 0	9.5 ✓
742		+15°	3880	19	30.7	+15 14	9.5 ✓
743		+15°	3881	19	31.1	+15 26	9.3 ✓
744				19	30.7	+15 38	✓
745		+15°	3883	19	31.2	+15 44	9.3 ✓
746		+15°	3884	19	31.4	+15 55	8.8 ✓
747		+15°	3885	19	31.6	+15 42	9.2 ✓
748				19	31.7	+15 44	✓
749		+15°	3888	19	31.9	+15 40	9.3 ✓
750		+15°	3886	19	31.8	+15 14	9.3 ✓

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1920phae.proj.2224c

Tuesday May 22, 1923
M7 7840 Cont.

751	.1	K5	
752	.2	a0	
753	.2	a0	
754	.3	a0	
755	.2	K0	
756	1	B9	
757	3	a0	
758	8	a	
759	2	a5	
760	1	a	lines narrow
761	1	B8?	
762	1	a	
763	2	72	
764	2	a0	
765	2	a3	
766	3	a0	
767	1	a	lines narrow
768	3	78	
769	2	a5	
770	2	a0	lines narrow
771	3	78	
772	2	a	
773	2	a2	
774	4	g0	
775	7	a	

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1920phae.proj.2224C

751	+15 3891	19	32.3	+15	24	9.2
752	+15° 3887	19	31.9	+15	56	9.5
753	+15 3890	19	32.3	+15	51	9.3
754	+15 3894	19	32.7	+15	42	9.3
755	+16 3942	19	33.4	+16	1	9.2
756	+15 3896	19	33.7	+15	28	9.4
757	+15° 3895	19	33.3	+15	12	9.2
758	+16° 3947	19	32.8	+16	0	7.3
759	+16° 3956	19	34.3	+16	9	8.9
760	+15° 3835	19	23.1	+15	46	9.5
761	+16° 3872	19	23.3	+16	8	9.5
762		19	23.4	+16	14	
763	+15° 3840	19	24.2	+15	42	9.3
764	+15° 3844	19	24.6	+15	25	9.2
765	+15° 3843	19	24.5	+15	45	9.4
766	+15° 3845	19	24.5	+15	43	9.4
767	Probably not the catalogue star +16° 3875 a faint star	19	24.0	+16	2	
768	+16° 3878	19	24.1 (16.2)	+16	2	9.4
769	+16° 3877	19	24.3 (16.3)	+16	7	9.3
770	+16° 3880	19	24.3 (16.2)	+16	18	9.5
771	+16° 3881	19	24.5	+16	24	9.5
772	+15° 3846	19	24.6	+16	8	9.2
773	+15° 3847	19	25.0	+15	57	9.4
774	+15 3848	19	24.2	+15	59	9.3
775	+15° 3850	19	25.2	+15	57	9.0
		19	25.5	+15	59	8.2

R.A. reversed in Dm. Cat.? The southern star precedes the northern I 2915 Too slight—to make note of

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Tuesday May 22, 1923
M 7840 Cont.

776	5	a5
777	5	g0
778	4	75
779	4	B5
780	1	7
781	1	a
782	3	78
783	3	a5
784	1	a
785	2	B5
786	1	a
787	1	a
788	1	a
789	1	K
790	7	g0
791	1	g
792	3	75
793	2	K2
794	2	g0
795	2	g0
796	3	75
797	2	g0
798	3	g0 Spreading of too
799	1	g
800	6	70

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Identified on I 29151

776	+15° 3851	19	25.5	+15	53	8.6 ✓
777	+16° 3883	19	25.5	+16	10	8.5 ✓
778	+15° 3857	19	26.2	+15	59	9.3 ✓
779	+16° 3887	19	26.2	+16	6	9.3 ✓
780	+15° 3849	19	25.5	+15	16	9.4 ✓
781	+15° 3852	19	25.6	+15	18	9.5 ✓
782	+15° 3855	19	26.0	+15	16	9.0 ✓
783	+15° 3856	19	26.0	+15	12	9.2 ✓
784		19	26.4	+15	20	✓
785	+15° 3860	19	26.6	+15	20	9.4 ✓
786		19	27.2	+15	8	✓
787		19	27.2	+15	9	✓
788		19	27.3	+15	17	✓
789	+14 3956	19	27.1	+14	56	9.5 ✓
790	+15° 3863	19	27.4	+15	4	8.1 ✓
791		19	27.4	+15	13	✓
792	+15° 3865	19	27.7	+15	22	9.4 ✓
793	+15° 3867	19	27.9	+15	33	9.4 ✓
794	+15° 3864	19	27.6	+15	47	9.5 ✓
795	+16° 3871	19	27.1	+16	3	9.3 ✓
796	+15° 3869	19	28.4	+15	30	8.8 ✓
797	+15° 3870	19	28.4	+15	39	9.5 ✓
798		19	27.9	+16	7	✓
799		19	28.0	+16	14	✓
800	+16° 3904	19	28.4	+16	8	8.3 ✓

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1920phae.proj.2224c

Tuesday May 22, 1923
M7 7840 Cont.

801	2	a
802	2	a
803	1	a
804	6	Bq
805	2	ao
806	3	Bq
806a	5	go
807	1	a
808	2	75
809	1	m
810	3	Bq
811	1	a
812	1	a
813	1	a
813a	7	B8
814	3	G5
815	2	ao
816	1	Ko
817	2	K5
818	3	78
819	3	7o
820	3	a
820a	3	ao
821	2	G5
822	2	Ko
823	4	Bq
824	5	K5
825	3	Bq

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1920phae.proj.2224C

Identified on I 29151

801		19	28.5	+16	3	Maybe +16 3805 28.5 +16 8 9.5 19 we assume 5' in dec. in Dun. cat.
802	+16° 3906	19	28.7	+16	14	9.5
803	+16° 3908	19	28.9	+16	10	9.5
804	+15° 3873	19	29.2	+15	58	8.41
805	Probably +16 3907	19	28.8	+16	28	9.5 although there is another star close by following which may be +16 3907
806		19	29.0	+16	45	
806a	+16 3911	19	29.5	+16	39	8.5
807		19	29.0	+16	20	
808	+16° 3913	19	29.7	+16	21	9.4
809	+16° 3912	19	29.4	+16	46	9.5
810	+16° 3915	19	29.8	+16	41	9.3
811	+16° 3916	19	30.2	+16	35	9.5
812		19	30.5	+16	28	
813		19	30.6	+16	26	
813a	+16 3918	19	30.8	+16	9	8.1
814	+15° 3879	19	30.7	+15	54	9.4
815	+16° 3921	19	31.1	+16	28	9.5
816	+16° 3920	19	31.1	+16	35	9.5
817	+16° 3924	19	31.6	+16	29	8.9
818	+17° H029	19	30.6	+17	3	9.1
819	+17° H030	19	31.1	+17	6	9.3
820	+16 3931	19	32.3	+16	42	9.5
820a	+16° 3928	19	32.0	+16	48	8.5
821	+16° 3933	19	32.4	+16	24	9.5
822	+16 3930	19	32.1	+16	9	9.2
823	+16° 3935	19	32.8	+16	15	8.9
824	+16° 3936	19	32.9	+16	15	6.9
825	+16° 3937	19	32.9	+16	8	9.1

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1920phae.proj.2224c

Wednesday May 23, 1923

M 7840 Cont

826	2	a2	
827	5	a0	
828	2	78	
829	1	g0	
830	1	a0	
831	2	a2	
832	4	a3	
833	1	a0	
834	2	K0	
835	5	72	
836	2	78	
837	1	a3	
838	1	a	
839	1	a	
840	1	a2	sub. on 838
841	2	~~a2~~ g0	
842	2	K1	
843	4	72	
844	1	70	
845	1	g	
846	1	a	
847	2	a2	
848	4	72	
849	4	g0	
850	1	g0	

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1920phae.proj.2224c

Identified on I 29002

826	+14°	3765	18	57.3	+14	1.6	9.3	✓
827	+14°	3766	18	57.4	+14	9.0	8.6	✓
828	+13	3889	18	57.6	+13	56.6	9.2	✓
829	+13	3890	18	57.7	+13	54.5	9.4	✓
830	+13°	3891	18	57.9	+13	47.1	9.5	✓
831	+13	3892	18	57.9	+13	49.3	9.3	✓
832	+13°	3893	18	58.0	+13	52.5	9.0	✓
833	+13°	3894	18	58.2	+13	46.5	9.5	✓
834	+14°	3767	18	57.4	+14	27.8	9.0	✓
835	+14°	3768	18	57.5	+14	24.5	8.1	✓
836	+14°	3772	18	57.7	+14	34.8	9.3	✓
837	+14°	3773	18	58.4	+14	35.1	9.4	✓
838	+14°	3774	18	58.7	+14	48.1	9.5	✓
839	+14°	3775	18	58.7	+14	~~48.1~~ 51.2	9.5	✓
840	+14°	3776	18	59.0	+14	50.1	9.4	✓
841	+14°	3778	18	59.1	+14	22.9	9.3	✓
842	+14°	3784	18	59.5	+14	15.6	9.5	✓
843	+14°	3785	18	59.6	+14	34.0	9.3	✓
844			19	0.0	+14	12		✓
845			19	Dif	+14	2		✓
846			19	0.5	+14	7		✓
847	+14°	3786	19	0.7	+14	3.2	9.5	✓
848	+13°	3913	19	0.5	+13	47.1	9.1	✓
849	+13°	3914	19	1.0	+13	07.2	8.8	✓
850	+13°	3911	19	0.4	+13	40.2	9.5	✓

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1920phae.proj.2224c

Wednesday May 23, 1923
M 7 7840 Cont.

851	1	M
852	3	A0
853	2	F5
854	5	G5
855	1	G0
856	3	A2
857	1	A
858	1	B8
859	1	A
860	1	A
861	6	G0
862	3	B9
863	1	A partly sub. on 864
864	4	G5
865	6	G0
866	2	B9
867	1	F2
868	2	A2
869	1	F0
870	3	A0
871	2	K0
872	1	G0
873	3	B8
874	1	B8
875	1	A

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1920phae.proj.2224C

Identified on I 29002

851	+14°	3787	19	0.8	+14	9.0	9.4 ✓
852	+14°	3789	19	1.0	+14	16.8	9.5 ✓
853	+14°	3791	19	1.2	+14	12.6	9.4 ✓
854	+14°	3790	19	1.2	+14	26.8	8.5 ✓
855	+14°	3788	19	1.0	+14	49.5	9.5 ✓
856	+14°	3782	18	39.5	+14	58.7	9.1 ✓
857	+15°	3689	18	39.5	+15	6.7	9.4 ✓
858	+15	3691	19	0.0	+15	1.8	9.5 ✓
859			19	0.2	+15	10	✓
860	+15°	3692	19	0.2	+15	13.2	9.5 ✓
861	+15°	3696	19	1.1	+15	16.8	8.3 ✓
862	+15°	3697	19	1.1	+15	15.2	9.3 ✓
863	+15°	3700	19	1.6	+15	9.4	9.5 ✓
864	+15°	3701	19	1.7	+15	6.3	8.9 ✓
	~~+14~~	~~3794~~	19	1.7	+14	49.5	8.4
865	+14°	3795	19	1.7	+14	47.6	8.4 ✓
866	+14°	3793	19	1.5	+14	36.1	9.5 ✓
867	+14°	3796	19	1.8	+14	11.0	9.5 ✓
868	+14°	3800	19	2.3	+14	11.7	9.5 ✓
869			19	2.3	+14	32	✓
870	+14°	3805	19	2.8	+14	36.2	9.2 ✓
871	+14°	3807	19	3.0	+14	30.4	8.8 ✓
872	+14°	3808	19	3.0	+14	32.4	9.3 ✓
873	+13°	3922	19	2.8	+13	58.4	9.2 ✓
874	+14°	3812	19	3.3	+14	41.8	9.5 ✓
875	~~+13°~~	~~3925~~	19	3.4	+13	56	✓

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1920phae.proj.2224c

Wednesday May 23, 1923

M 77840 Cont.

876	3	a2	
877	1	7	
878	1	a	
879	1	K	
880	1	a	
881	2	75	
882	2	75	
883	1	K2	
884	2	a3	star suh. on f. perhaps K5
885	5	a5	
886	6	a3	
887	4	K0	
888	1	a	
889	1	g	
890	1	a	
891	1	72	
892	2	78	
893	3	K0	
894	2	B	lines very narrow
895	2	a2	
896	1	a	partly suh. on 897
897	3	70	
898	5	a2	
899	5	B9	
900	2	g5	900 - 1099 marked in Ch. place 28998

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1920phae.proj.2224c

Identified on I 29002 (to 900)

876	+13°	3926	19	3.7	+13	51.4	9.2
877	+13°	3927	19	4.0	+13	33.2	9.5
878	+13°	3928	19	4.2	+13	36.6	9.3
879	+14°	3814	19	4.0	+14	13.8	9.3
880			19	4.3	+14	5	
881	+14°	3815	19	4.3	+14	13.9	9.4
882	+13°	3930	19	4.6	+13	51.2	9.5
883	+13°	3932	19	4.9	+13	40.4	9.3
884	+13°	3935	19	4.9	+13	43.7	9.5
885	+13°	3939	19	5.2	+13	32.6	8.6
886	+13°	3937	19	5.1	+13	40.4	8.6
887	+13°	3942	19	5.4	+13	41.1	8.6
888			19	5.5	+13	41	
889	+13°	3944	19	5.5	+13	48.2	9.5
890			19	6.2	+13	40	
891	+14°	3798	19	2.0	+14	53.8	9.5
892	+15°	3702	19	1.8	+15	14.4	9.5
893	+15°	3704	19	2.3	+15	28.4	8.6
894	+14°	3803	19	2.7	+14	53.5	9.4
895	+14°	3804	19	2.8	+14	57.2	9.4
896	~~+14°~~ +15°	3707	19	2.8	+15	0.0	9.4
897	+14°	3806	19	2.8	+14	37.7	9.2
898	+14°	3809	19	3.1	+14	51.8	9.1
899	+14°	3811	19	3.3	+14	44.1	9.0
900	+15°	3717	19	4.4	+15	11	9.4

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1920phae.proj.2224c

Wednesday May 23, 1923.
M 7. 7840 Cont.

901	1	F5	
902	2	F	another star hazily sub. at s.
903	4	B8	
904	6	G5	
905	1	A	
906	7	A	
907	3	A2	
908	6	A0	
909	6	F0	
910	5	F5	
911	1	K	another star sub. s. p.
911a	2	G0	
912	2	K0	
913	5	K5	
914	3	A3	
915	1	A	
916	1	A	
917	2	G	
918	3	G0	
919	3	A0	lines narrow.
920	3	A0	
921	3	A3	
922	1	F0	
923	6	A	
924	3	F0	
925	1	K	

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1920phae.proj--2224C

Identified on D 28998

901	+15°	3718	19	4.5	+15	6	9.4
902	+15°	3719	19	4.5	+15	17	9.3
903	+14°	3818	19	5.0	+14	34	8.6
904	+14°	3817	19	4.9	+14	41	9.2
905	+14°	3819	19	5.1	+14	38	9.5
906	+14°	3822	19	5.3	+14	21	8.2
907	+15°	3724	19	5.7	+15	0	9.2
908	+15°	3730	19	6.6	+15	16	9.5
909	+15°	3731	19	6.7	+15	16	9.1
910	+15°	3729	19	6.4	+15	12	8.9
911	+14°	3826	19	5.9	+14	45	9.3
912	+14°	3830	19	6.7	+14	42	7.5
913	+14°	3831	19	6.7	+14	22	7.5
914	+14°	3834	19	7.1	+14	35	9.5
915	not in D M.						
916	not in D M.						
917	+14°	3832	19	6.9	+14	52	9.5
918	+15°	3732	19	6.8	+15	6	9.1
919	+15°	3731	19	6.7	+15	16	9.1
920	+15°	3735	19	6.9	+15	0	9.4
921	+15°	3737	19	7.5	+15	13	9.4
922	+14°	3840	19	7.9	+14	58	9.5
923	+15°	3739	19	8.0	+15	7	8.4
924	+14°	3841	19	7.9	+14	41	9.3
925	not in D M.						

* 911a +14° 3827 19 6.2 +14 42 9.4

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1920phae.proj.2224c

Wednesday May 23, 1923.
M7-840 Cont.

926	5	K0	
927	1	G0	
928	2	A5	
929	1	G0	
930	1	K	
931	2	75	
932	1	A	
933	1	K2	
934	3	A5	
935	1	M	
936	1	A	
937	1	G	
938	1	7	
939	4	A2	
940	4	B5	
941	1	A	
942	2	K2	
943	1	K2	
944	2	A	hazily sup. on 945
945	7	A2	no. marked on 23442
946	3	G0	
947	4	G5	
948	1	A2	
949	1	K5	
950	2	G0	

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1920phae.proj.22246

Identified on ∂ 28998

926	+14°	3843	19	8.2	+14	40	8.8
927	+14°	3842	19	8.2	+15	0	9.5
928	+15°	3740	19	8.1	+15	6	9.5
929	not in D m.						
930	not in D m. (+15° 3744)		19	8.7	+15	9	9.3
931	+15° (Not in D m.)	3744	19	8.8	+15	7	9.3
932	not in D m.						
933	+15°	3746	19	8.8	+15	3	9.0
934	+15°	3742	19	8.5	+15	39	9.5
935	+15°	3745	19	8.8	+15	41	9.2
936	not in D m.						
937	not in D m.						
938	not in D m.						
939	+16°	3801	19	10.4	+16	0	9.4
940	+16°	3805	19	10.8	+16	1	9.0
941	not in D m.						
942	+16°	3807	19	11.9	+16	8	9.1
943	+16°	3811	19	12.1	+16	14	9.1
944	+15°	3764	19	12.3	+15	54	9.4
945	+15°	3765	19	12.3	+16	0	8.0
946	+15°	3766	19	12.5	+15	49	9.3
947	+16°	3813	19	12.5	+16	1	9.1
948	+15°	3760	19	11.9	+15	27	9.5
949	+15°	3767	19	12.6	+15	32	9.3
950	+15°	3772	19	13.0	+15	36	9.5

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1920phae.proj.2224c

Wednesday May 23, 1923
M 7840 Cont.

951	3	A5	
952	1	A	lines very broad, not double on chart pl
953	2	G0	
954	1	K5	
955	2	G0	
956	1	G	
957	2	G0	
958	1	F	
959	2	F8	
960	3	G0	
961	1	A	perhaps comp.
962	3	F0	
963	3	A0	
964	4	Ap	lines very narrow.
965	1	K	
966	2	A2	
967	3	B8	
968	1	F0	
969	2	G5	
970	3	F0	
971	1	F2	
972	1	F2	
973	3	K2	
974	2	K5	
975	2	F5	

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1920phae.proj.2224c

Identified on ☉ 28998

951	+15°	3773	19	13.1	+15	33	9.4
952	+15°	3771	19	13.0	+15	51	9.5
953	not in ☉ m.						
954	+15°	3775	19	13.9	+15	10	9.1
955	not in ☉ m.						
956	~~+15°~~	~~3777~~	~~19~~	~~14.6~~	~~+15~~	~~28~~	~~9.2~~
957	not in ☉ m.						
958	+15°	3776	19	13.9	+15	58	9.5
959	+16°	3821	19	14.2	+16	1	9.4
960	+15°	3778	19	14.6	+15	28	9.2
961	+15°	3789	19	14.7	+15	36	9.2
962	+15°	3799	19	14.6	+15	39	9.1
963	+15°	3781	19	15.4	+15	33	9.3
964	+15°	3782	19	15.4	+15	35	8.8
965	~~+16°~~ +15°	~~3832~~ 3786	~~19~~ 19	~~16.0~~ 16.0	~~+16~~ +15°	~~33~~ 3	~~9.4~~ 9.25
966	+15°	3788	19	16.5	+15	28	9.5
967	+15°	3787	19	16.4	+15	47	9.2
968	+15°	3789	19	16.6	+15	47	9.2
969	not in ☉ m.						
970	+15°	3791	19	16.8	+15	38	9.3
971	+15°	3792	19	16.8	+15	21	9.4
972	not in ☉ m.						
973	+15°	3796	19	17.1	+15	~~16~~ 29	~~8.5~~ 8.3
974	+15°	3794	19	17.1	+15	16	8.5
975	+15°	3795	19	17.0	+15	16	9.5

Either plate may be +15° 3789

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Wednesday May 23, 1923
M 7-7840 Cont.

976	1	78
977	3	B lines indistinct.
978	1	70
979	5	B8
980	1	a
981	1	a5
982	1	a
983	1	a
984	3	75
985	3	a2
986	5	g0
987	1	M
988	2	K0
989	2	a0
990	5	a2
991	1	K
992	3	78
993	3	a0
994	5	Bg
995	1	a
996	2	Bg
997	1	a
998	4	a2
999	1	g0
1000	2	a5

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1920phae.proj.2224c

Identified on ♂ 28998

976	not in D.M.						
977	+14°	3898	19	16.8	+14	56	9.0
978	+15°	3804	19	18.1	+15	0	9.5
979	+15°	3803	19	17.9	+15	38	8.7
980	+15°	3801	19	17.8	+15	46	9.5
981	not in D.M.						
982	+15°	3805	19	18.5	+15	58	9.5
983	+16°	3845	19	18.8	+16	6	9.5
984	+16°	3841	19	18.2	+16	11	9.3
985	+16°	3844	19	18.6	+16	28	9.4
986	+16°	3840	19	17.9	+16	22	9.0
987	+16°	3837	19	17.3	+16	11	9.3
988	+15°	3797	19	17.1	+15	59	9.3
989	+16°	3834	19	17.0	+16	0	9.5
990	+16°	3831	19	15.9	+16	4	8.5
991	+15°	3783	19	15.4	+15	55	9.4
992	+16°	3822	19	14.7	+16	14	9.3
993	+16°	3826	19	15.6	+16	16	9.1
994	+16°	3829	19	15.7	+16	24	8.4
995	+16°	3830	19	15.8	+16	26	9.5
996	+16°	3832	19	16.0	+16	33	9.4
997	+16°	3833	19	16.9	+16	47	9.5
998	+16°	3836	19	17.3	+16	32	9.3
999	+16°	3836	19	17.1	+16	54	9.1
1000	+15°	3875	19	17.4	+15	19	9.2

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1920phae.proj.2224c

Wednesday May 23, 1923
M 7840 Court.

1001	1	a
1002	1	a
1003	1	K
1004	5	a
1005	2	B9
1006	2	a0
1007	1	g5
1008	2	a0
1009	2	f0
1010	1	a5
1011	5	f2
1012	1	a
1013	5	a
1014	5	B9
1015	4	a0
1016	4	K0
1017	1	a
1018	5	B9
1019	2	a0
1020	1	a
1021	1	g5
1022	4	Ma
1023	1	g
1024	3	a2
1025	1	K5

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1920phae.proj.2224C

Identified on I 28998

1001		18 19	58.0	+15 27	
1002		18	57.8	+15 15	
1003	+15° 3678	18	57.9	+15 12	9.4
1004	+15° 3681	18	58.3	+15 12	8.9
1005		18	58.1	+15 31	
1006	+15° 3679	18	58.1	+15 28	9.3
1007	+15° 3684	18	58.3	+15 37	9.5
1008	+15° 3685	18	58.9	+15 32	9.5
1009	+15° 3686	18	59.0	+15 28	9.4
1010	+15° 3687	18	59.0	+15 35	9.5
1011	+16° 3720	18	58.3	+16 13	8.7
1012		18	58.0	+16 14	
1013	+16° 3716	18	57.8	+16 26	9.0
1014	+16° 3717	18	58.0	+16 35	9.0
1015	+16° 3719	18	58.2	+16 39	8.9
1016	+16° 3722	18	58.5	+16 49	8.8
1017	+16° 3724	18	59.0	+16 43	8.7 Editor also might be identified as +16° 3724
1018					
1019	+16° 3728	18	59.6	+16 25	9.5
1020	+16° 3730	18	59.9	+16 2	9.5
1021	+16° 3729	18	59.9	+16 9	9.2
1022	+15 3693	19	0.3	+15 44	8.3
1023		19	1.0	+16 5	
1024	+15° 3703	19	2.0	+15 52	9.3
1025	+15 3708	19	2.9	+15 54	9.3

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1920phae.proj.2224c

Thursday May 24, 1923
M 7840 Cont.

1026	1	A	lines rather narrow.
1027	2	G5	the s. l. of two.
1028	5	F0	
1029	4	B8	
1030	4	B9	
1031	4	G0	
1032	3	F0	
1033	3	F5	
1034	1	F	
1035	1	G	
1036	1	A	
1037	1	F8	
1038	1	K5	
1039	2	A0	
1040	1	A2	
1041	1	K5	
1042	3	A0	
1043	2	A	partly sup. on 1044
1044	1	A	
1045	1	M	
1046	4	K0	
1147	1	A	
1048	2	F	
1049	4	A0	
1050	3	G0	

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1920phae.proj.2224C

Identified on I 28998

1026	+15° 3709	19	3.0	+15	29	9.5 ✓
1027						this star or the one preceding it might be identified as +15° 3710 19 3.1 +15 5 O.K.
1028	+15° 3712	19	3.2	+15	N7	8.9
1029	+15° 3713	19	3.3	+15	NH	9.0
1030	+15° 3715	19	3.7	+15	52	8.9 ✓
1031	+16° 3706	19	H.0	+16	3	8.8 ✓
1032	+15° 3716	19	N.3	+15	N8	9.1 ✓
1033	+16° 3762	19	3.5	+16	20	9.2 ✓
1034		19	3.6	+16	30	✓
1035	+16° 3759	19	2.6	+16	7	9.4 ✓
1036	+16° 3756	19	2.0	+16	23	9.5 ✓
1037	+16° 3754	19	1.9	+16	13	9.5 ✓
1038		19	1.5	+16	14	
1039		19	1.2	+16	28	✓
1040	+16 3749	19	1.2	+16	35	9.5 ✓
1041	+16 3746	~~20~~ 19	0.9	+16	17	9.3 ✓
1042	+16° 3737	~~20~~ 19	0.3	+16	8	9.5 ✓
1043	+16° 3733 N	~~20~~ 19	0.0	+16	~~3~~ 8	9.5 ✓
1044	+16° 3733	~~20~~ 19	0.0	+16	13	9.5 ✓
1045	+16° 3732	~~20~~ 19	0.0	+16	32	9.4 ✓
1046	+16° 3731	~~19~~ 20	0.0	+16	40	8.8 ✓
1047		19	0.0	+16	53	✓
1048	+16° 3738	19	0.4	+16	43	9.5 ✓
1049	+16° 3736	19	0.2	+16	52	9.3 ✓
1050	+16° 3740	19	0.6	+16	32	9.3 ✓

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1920phae.proj.2224c

Thursday, May 24, 1923
M 7-7840 Cont.

5 1071	3	K0
1052	1	K5
1053	3	78
1054	1	75
1055	1	a
1056	2	K0
1057	4	70
1058	3	a2
1059	1	K0
1060	1	a5
1061	1	g0
1062	2	g0
1063	5	g5
1064	2	g0
1065	4	B9
1066	5	a5
1067	3	g5
1068	2	a3
1069	1	g
1070	1	a5
1071	3	a0
1072	5	72
1073	2	75
1074	1	70
1075	1	a5

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1920phae.proj.2224C

Identified on I 28998

1051	+16°	3742	19	0.8	+16	50	8.9
1052	+16°	3743	19	0.8	+16	54	9.3
1053	+16°	3744	19	0.9	+16	52	9.4
1054	+17°	3862	19	1.0	+17	1	9.5
1055			19	1.3	+17	5	
1056	+16°	3753	19	1.7	+16	46	9.3
1057	+16°	3756	19	1.9	+16	46	9.2
1058	+16	3757	19	2.0	+16	56	9.3
1059							
1060			19	2.7	+17	2	
1061							
1062	+17°	3871	19	2.7	+17	13	9.5
1063	+16°	3761	19	2.8	+16	51	8.7
1064	+16°	3760	19	2.8	+16	33	9.5
1065	+16°	3764	19	3.7	+16	48	8.8
1066	+16°	3765	19	3.8	+16	41	8.5
1067	+16°	3768	19	4.4	+16	51	9.0
1068	+16°	3769	19	5.2	+16	4	9.5
1069			19	5.5	+15	46	
1070	+15°	3723	19	5.6	+15	42	9.5
1071	+15°	3725	19	5.7	+15	50	9.5
1072 1069	+16°	3777	19	6.1	+16	4	8.4
1073	+16°	3771	19	5.7	+16	15	9.3
1074	+16°	3773	19	5.8	+16	14	9.5
1075 either may be 1076	+16	3770	19	5.6	+16	32	9.4

Probably right ident. there is another star in 3 min. interval eighth mag. which may be +16 3744

One of these stars is Dm +17 3872 19h 2.8 +17 5 9.5 or 9.4 for either one we must assume a slight error in R.A. in Dm. catalogue.

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1920phae.proj.2224c

Thursday May 24, 1923
M7 7840 Cont.

1076	3	A5
1077	1	M? Hgamma br. var. ?
1078	2	F2
1079	4	A0
1080	2	F5
1081	1	A2
1082	1	A3
1083	1	A
1084	1	G0
1085	1	K0
1086	1	A0
1087	2	G0
1088	1	A2
1089	4	K2
1090	2	F8
1091	2	B9
1092	3	B8
1093	1	K2
1094	1	A0
1095	3	G0
1096	3	A0
1097	3	F0
1098	1	G5
1099	2	G0
1100	1	A2

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1920phae.proj.2224C

Identified on I 28998 (1100 identified on I 26102)

1076	See page 122					
1077	+16° 3774	19	6.0	+16	37	8.0
1078	+16° 3780	19	6.5	+16	15	9.1
1079	+16° 3778	19	6.2	+16	25	8.9
1080	+16° 3781	19	6.7	+16	23	9.1
1081	+16° 3785	19	7.2	+16	18	9.5
1082		19	7.2	+16	8	
1083		19	7.1	+15	54	
1084	+15° 3741	19	8.3	+15	27	9.5
1085	+16° 3790	19	8.3	+16	2	9.2
1086		19	7.7	+16	22	
1087	+16° 3788	19	7.8	+16	25	9.4
1088	+16° 3789	19	8.0	+16	22	9.3
1089	+16° 3792	19	8.4	+16	10	8.3
1090	+16° 3796	19	9.3	+16	8	9.1
1091	+16° 3793	19	8.6	+16	43	9.0
1092	+16° 3794	19	9.0	+16	59	8.8
1093	+17° 3904	19	9.0	+17	7	9.4
1094		19	9.4	+17	0	
1095	+16° 3798	19	10.1	+16	25	8.9
1096	+16° 3803	19	10.5	+16	31	9.3
1097	+16° 3806	19	11.2	+16	22	8.9
1098	+16° 3799	19	10.3	+16	38	9.4
1099	+16° 3800	19	10.3	+17	0	9.4
1100		19	11.3	+17	9	

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1920phae.proj.2224c

Thursday May 24, 1923
M 7 7840 Cont.

1101	5	B9
1102	1	a
1103	3	70
1103a	2	90
1104	1	90
1104a	1	70
1105	1	70
1106	3	K0
1107	5	K0
1108	7	A3
1109	1	a
1110	1	90
1111	1	78
1112	1	95
1113	6	78
1114	1	a
1115	5	B9
1116	2	75
1117	2	72
1118	1	70
1119	3	A5
1120	1	90
1121	2	78
1122	1	7
1123	1	a
1124	5	B9
1125	1	9

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1920phae.proj..2224C

Identified on I 26102

1101	+17 3916	19	11.4	+17	10.1	9.3	✓
1102	+17 3918	19	11.5	+17	12.0	9.4	✓
1103	+17° 3919	19	11.7	+17	3.6	9.4	✓
1103a	+16° 8810	19	12.0	+16	28.7	9.2	✓
1104 ~~1103a~~	+17° 3922	19	12.2	+17	2.1	9.4	✓
1104a	+16° 3808	19	12.0	+16	31.4	9.8	✓
1105 ~~1104~~	+17° 3926	19	12.4	+17	3.5	9.5	✓
1106 ~~1104a~~	+17° 3928	19	12.5	+17	9.3	9.2	✓
1107 ~~1105~~	+17° 3923	19	12.3	+17	12.4	8.8	✓
1108 ~~1106~~	+17° 3924	19	12.3	+17	20.3	8.5	✓
1109	+16° 3814	19	12.8	+16	53.2	9.5	✓
1110	+16° 3815	19	13.2	+16	36.8	9.5	✓
1111 ~~1112~~	+16° 3817	19	13.4	+16	85.4	9.5	✓
1112	+16° 3816	19	13.2	+16	13.6	9.5	✓
1113	+16° 3819	19	14.0	+16	34.2	8.5	✓
1114	+16° 3820	19	14.1	+16	25.6	8.5	✓
1115	+17° 3930	19	14.1	+17	0.1	8.6	✓
1116	+17° 3932	19	14.3	+17	0.1	9.4	✓
1117	+16° 3823	19	14.7	+16	38.7	9.3	✓
1118		19	15.0	+16	No		✓
1119	+16° 3825	19	15.1	+16	47.5	9.0	✓
1120	+16° 3824	19	14.9	+16	52.3	9.5	✓
1121	+17° 3937	19	14.8	+17	7.8	9.4	✓
1122	+17° 3929	19	14.1	+17	28.0	9.5	✓
1123		19	14.4	+17	38		✓
1124	+17° 3935	19	14.7	+17	35.4	9.1	✓
1125	+17° 3936	19	14.8	+17	42.1	9.5	✓

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1920phae.proj.2224c

Thursday May 24, 1923
M 7840 Cont.

1126	4	B9	
1127	1	M4	
1128	2	A0	Markeb and λ 29002
1129	1	K5	
1130	1	A3	
1131	4	G5	
1132	1	G0	
1133	2	F8	
1134	1	F5	
1135	2	F0	
1136	3	B9	
1137	3	K0	
1138	1	F0	
1139	1		br. lines - look up
1140	2	F0	
1141	1	K2	
1142	2	Ka	
1143	1	F	
1144	3	F5	
1145	2	K0	
1146	1	A2	
1147	1	Comp.	look up.
1148	5	A2	
1149	4	F2	
1150	1	G	

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1920phae.proj.2224c

Identified on I 26102

1126		+17°	3938	19	15.0	+17	28.0	9.0 ✓
1127		+17°	39N0	19	15.2	+17	23.2	var. ✓
1128		+17°	39N2	19	15.5	+17	N1.N	9.4 ✓
1129		+16°	3828	19	15.7	+16	N8.3	9.2 ✓
1130		+17°	39N4	19	16.6	+17	2.9	9.5 ✓
1131		+17°	39N6	19	17.5	+17	7.N	9.0 ✓
1132		+16°	3838	19	17.6	+16	30.1	9.3 ✓
1133		+17°	3952	19	18.0	+17	3.1	9.N ✓
1134		+17°	39N7	19	17.5	+17	21.4	9.N ✓
1135	Maybe	+17°	395N	19	18.1	+17	31.0 ~~68~~	9.5 ✓ But there is another star near enough to be identified as +17 3954 also
1136		+17°	3960	19	19.0	+17	24.5	9.2 ✓
1137		+17°	3962	19	19.3	+17	42.5	9.0 ✓
1138		+17°	3961	19	19.0	+17	50.2	9.4 ✓
1139		+17°	3963	19	19.N	+17	55.1	9.5 ✓
1140		+17°	396N	19	19.5	+17	56.9	9.3 ✓
1141		+17°	3967	19	19.7	+17	23.8	9.5 ✓
1142		+17°	3966	19	19.7	+17	3.0	9.1 ✓
1143		+17°	3959	19	19.0	+17	5.0	9.5 ✓
1144		+17°	3958	19	19.0	+17	5.8 (1.7)	9.3 ✓
1145		+17°	3956	19	18.6	+17	2	9.0 ✓
1146				19	18.6	+16	45	✓
1147				19	18.5	+16	N1	✓
1148		+16°	38N3	19	18.N	+16	51.1	8.7 ✓
1149		+16°	38N6	19	19.0	+16	N7.N	9.1 ✓
1150				19	19.7	+16	46	✓

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1920phae.proj.2224c

Thursday May 24, 1923
M7-7840 Cont.

1151	1	g5
1152	1	78
1153	5	a2
1154	2	K0
1155	2	75
1156	4	B8
1157	4	a2
1158	4	a3 the f. of tpo.
1158a	7	a2
1159	1	a
1160	3	a3
1161	3	70
1162	1	a
1163	1	a
1164	1	g
1165	3	a3
1166	1	m
1167	5	72
1168	2	70
1169	2	g0
1170	1	a
1171	1	7
1172	1	75
1173	2	78
1174	4	70
1175	3	70

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1920phae.proj.22246

Identified on I 26102

1151	+16° 3848	19	19.7	+16	17.5	9.5 ✓
1152		19	20.0	+16	19	✓
1153	+16° 3854	19	20.6	+16	8.9	8.5 ✓
1154	+16° 3856	19	20.8	+16	19.7	9.0 ✓
1155	+16° 3852	19	20.4	+16	28.2	9.4 ✓
1156	+16° 3850	19	20.0	+16	45.0	9.0 ✓
1157	+17° 3971	19	20.0	+17	2.2	8.8 ✓
1158	+17° 3969	19	19.9	+17	5.4	9.0 ✓
1158a	+17 3970	19	19.9	+17	3	8.8
1159		19	20.4	+17	30	✓
1160	+17° 3972	19	20.6	+17	8.4	9.0 ✓
1161	+17° 3973	19	20.6	+17	0.4	8.9 ✓
1162		19	20.4	+16	44	✓
1163		19	20.4	+16	50	✓
1164		19	20.5	+16	54	✓
1165	+16° 3865	19	20.8	+16	54	9.0 ✓
1166	+16° 3858	19	20.9	+16	48.0	9.2 ✓
1167	+16° 3857	19	20.9	+16	54.9	8.6 ✓
1168	+16° 3859	19	21.3	+16	28.6	9.0 ✓
1169	+16° 3863	19	21.5	+16	33.4	9.4 ✓
1170		19	21.2	+16	50	✓
1171	+16° 3860	19	21.3	+16	56.1	9.5 ✓
1172		19	22.0	+17	0	✓
1173	+16° 3865	19	22.3	+16	50.3	9.5 ✓
1174	+16° 3866	19	22.3	+16	48.4	9.0 ✓
1175	+16° 3869	19	22.6	+16	28.2	9.3 ✓

Very slight error in cat? This star follows +17° 3970 on chart for I 26102. Instead of preceding - as given in cat -

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1920phae.proj.2224c

Thursday May 24 1923.
M 7840 Cont.

1176	5	72
1177	6	a3
1178	1	g0
1179	1	M
1180	1	a
1181	2	70
1182	2	g0
1183	4	78
1184	2	a5
1185	1	K
1186	2	a0
1187	1	a
1188	1	70
1189	2	Ma
1190	1	a
1191	2	78
1192	1	a0
1193	1	a
1194	2	B9
1195	2	B8
1196	4	a2
1197	1	Ma
1198	1	a
1199	1	a
1200	2	g0

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1920phae.proj.22240

Identified on I 26102

1176	+16°	3871	19	~~22.9~~ 23.0	+16	~~56.1~~ 43.8	~~8.3~~ 8.5
1177	+16°	3870	19	22.9	+16	56.1	8.3
1178	+17°	3982	19	22.9	+17	3.0	9.5
1179	+17°	3979	19	22.4	+17	4.4	9.5
1180			19	22.3	+17	20	
1181			19	22.5	+17	18	
1182	+17°	3981	19	22.9	+17	43.3	9.5
	~~+16~~	~~3888~~	19	~~26.5~~	~~+16~~	~~30.2~~	~~9.5~~
1183	+17°	3984	19	23.1	+17	41.7	9.0
1184	+17°	3983	19	23.0	+17	53.6	9.5
1185			19	23.7	+17	23	
1186			19	23.9	+17	7	
1187			19	24.0	+16	56	
1188	+16°	3882	19	25.0	+16	28.3	9.5
1189	+16°	3885	19	25.9	+16	39.7	8.2
1190			19	25.9	+16	13	
1191	+16°	3886	19	25.9	+16	20.2	9.5
1192	+16	3888	19	26.5	+16	30.2	9.5
1193			19	26.6	+16	12	
1194	+16°	3889	19	26.7	+16	28.9	9.5
1195	+16°	3890	19	26.9	+16	21.3	9.5
1196	+16°	3892	19	27.2	+16	19.4	9.0
1197	+16	3893	19	27.3	+16	33.1	8.9
1198			19	27.6	+16	29	
1199	+16°	3896	19	27.7	+16	21.8	9.5
1200	+16°	3899	19	27.8	+16	25.6	9.3

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1920phae.proj.2224c

Thursday May 24, 1923
M°7840 Cont.

1200 - 1300 mechedm λ 26102

1201	2	K0
1202	2	G0
1203	5	B9
1204	1	A
1205	3	A3
1206	1	K
1207	1	F8
1208	2	K2
1209	2	F5
1210	1	K5
1211	2	A3
1212	1	K
1213	2	G0
1214	3	A3
1215	3	A2
1216	3	F2
1217	2	A0
1218	2	A2
1219	2	K0
1220	2	K2
1221	1	A
1222	1	G0
1223	4	A0
1224	1	G5
1225	1	G0

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1920phae.proj.22240

Identified on I 26102

1201	+16° 3898	19	27.8	+16	35.0	9.0	✓
1202	~~+16 3897~~	19	27.7	+16	~~44.6~~ 46	9.4	✓
1203	+16° 3900	19	27.9	+16	35.0	8.6	✓
1204	+16	19	28.0	+16	46		✓
1205	+16° 3903	19	28.3	+16	45.7	9.1	✓
1206	+16° 3901	19	28.1	+16	33.6	9.5	✓
1207		19	27.3	+16	55		✓
1208	+17° H003	19	27.3	+17	1.0	8.9	✓
1209	+17° H006	19	27.9	+17	3.2	9.5	✓
1210	+17° H000	19	27.1	+17	21.5	9.5	✓
1211	+17 H001	19	27.1	+17	21.6	9.5	✓
1212	+17° H004	19	27.6	+17	21.1	9.5	✓
1213	+17° 3998	19	26.9	+17	5.4	9.5	✓
1214	+17°	19	25.7	+17	16		✓
1215	+17° 3997	19	26.2	+17	24.9	9.4	✓
1216	+17° 3994	19	25.7	+17	35.6	9.4	✓
1217	+17° 3995	19	26.2	+17	43.8	9.5	✓
1218	? +17° 3999	19	27.0	+17	55.0	9.1	✓
1219							
1220	+18° H122	19	27.0	+18	5.7	9.0	✓
1221	+17° H005	19	27.8	+17	45.9	9.5	✓
1222	+17° H010	19	28.3	+17	27.6	9.5	✓
1223	+17° H011	19	28.4	+17	18.5	9.0	✓
1224	+17° H015	19	28.8	+17	11.9	9.4	✓
1225	+17° H016	19	29.0	+17	0.2	9.5	✓

no on check pl. perhaps [illegible]

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1920phae.proj.2224c

Thursday May 31, 1923
M 7840 Court.

1226	1	K5
1227	2	A
1228	6	A2
1229	3	B9
1230	1	A
1231	1	A3
1232	4	A0
1233	1	A
1234	1	K0
1235	8	K
1236	5	A3
1237	4	A2
1238	1	A
1239	4	A2
1240	3	K5
1241	3	A0
1242	4	K0
1243	1	G
1244	2	B8
1245	3	G5
1246	1	M
1247	3	A3
1248	4	F2
1249	4	A2
1250	2	Ma

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1920phae.proj.22240

Identified on I 26102

1226	+17°	~~H018~~ H020	19	~~29.1~~ 29.3	+17	~~2.8~~ 2.6	~~9.5~~ 9.2
1227	+16°	3914	19	~~27.6~~ 29.7	+16	55.2	9.3
1228	+17°	H021	19	29.4	+17	23.5	8.5
1229	+17°	H022	19	29.9	+17	19.4	9.5
1230	+17°	H012	19	28.5	+17	54.3	9.5
1231	+17°	H014	19	28.7	+17	59.7	9.4
1232	+18°	H135	19	28.6	+18	6.2	8.9
1233			19	28.7	+18	9	
1234	+18°	H140	19	29.0	+18	14.7	9.2
1235	+18°	H142	19	29.4	+18	15.4	7.9
1236	+18°	H144	19	29.5	+18	14.7	8.8
1237 ~~1236~~	+18	H143	19	29.4	+18	22.6	9.0
1238 ~~1237~~			19	29.4	+18	24	
1239 ~~1238~~	+18°	H148	19	29.8	+18	2.5	9.2
1240	+18°	H150	19	~~29.0~~ 30.0	+18	1.9	9.2
1241	+17°	H023	19	30.1	+17	56.9	9.3
1242	+17°	H027	19	30.5	+17	42.4	8.3
1243			19	29.8	+17	44	
1244	+18°	H154	19	30.4	+18	4.8	9.4
1245	+18°	H155	19	30.5	+18	21.4	9.0
1246	+18°	H161	19	30.9	+18	18.8	9.5
1247	+18°	H153	19	30.3	+18	36.2	9.4
1248	+18°	H157	19	30.6	+18	36.3	8.8
1249	+18°	H156	19	30.6	+18	42.4	9.0
1250	+18°	H158	19	30.8	+18	44.2	9.1

Probably right identification same mag. & color as star in Lun. cat. in clear sky. This star is about +17° 4.6 rather than 2.6 +17 on I 26102

According to chart for I 26102 the following of these two stars is slightly erroneous on chart. Catalogue & data agree

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1920phae.proj.2224c

Thursday May 31, 1923
M 7840 Cont.

1251	3	K5
1252	1	K5
1253	1	G5
1254	3	72
1255	2	a2
1256	3	Bq
1257	1	G5
1258	4	a2
1259	2	70
1260	3	a3
1261	3	Bq
1262	3	a0
1263	2	a
1264	6	75
1265	3	a5
1266	2	a0
1267	3	a3
1268	2	a2
1269	1	a0
1270	1	a0
1271	1	K5
1272	4	a0
1273	2	K5
1274	2	K5
1275	1	a Omit Gam not find number

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1920phae.proj.2224C

Identified on I 2610 2

1251	+18°	N159	19	30.8	+18	47.3	8.7 ✓
1252	+18°	N160	19	30.8	+18	51.7	9.2 ✓
1253	+17°	N031	19	31.6	+17	56.5	9.3 ✓
1254	+17°	N032	19	31.7	+17	52.1	9.3 ✓
1255			19	31.7	+17	32	✓
1256			19	31.0	+17	42 ~~42.4~~	~~8.3~~ ✓
1257	+18°	N165	19	31.4	+18	2.0	9.4 ✓
1258	+18°	N169	19	31.7	+18	19.0	9.3 ✓
1259	+18°	N171	19	31.9	+18	24.9	9.5 ✓
1260	+18°	N172	19	32.3	+18	14.4	9.3 ✓
1261	+18°	N173	19	32.5	+18	7.8	9.3 ✓
1262	+18°	N174	19	32.5	+18	21.8	9.2 ~~9.4~~ ✓
1263	+17°	N035	19	32.5	+17	53.0	9.5 ✓
1264	+17°	N036	19	32.7	+17	28.0	8.5 ✓
1265	+17°	N038	19	33.3	+17	14.9	9.0 ✓
1266			19	33.6	+17	0	✓
1267	+17°	N039	19	33.6	+17	13.5	9.1 ✓
1268			19	33.6	+17	7	✓
1269	+16°	3948	19	34.0	+16	34.4	9.3 ✓
1270	+16°	3946	19	33.7	+16	18.6	9.4 ✓
1271	+16°	3943	19	33.4	+16	33.5	9.0 ✓
1272	+16°	3941	19	33.2	+16	26.8	9.2 ✓
1273	+16°	3940	19	33.2	+16	26.9	8.8 ✓
1274	+16°	3934	19	32.7	+16	44.5	9.5 ✓

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1920phae.proj.2224c

Thursday May 31, 1923
M 7840 Cont.

1276	6	K2
1277	3	a0
1278	1	a
1279	2	K5
1280	1	K
1281	1	a
1282	2	g
1283	4	K0
1284	4	a0
1285	3	K5
1286	3	g5
1287	3	a0
1288	4	g5
1289	4	K0
1290	5	a0
1291	1	a
1292	2	g0
1293	8	a0
1294	2	K8
1295	1	K
1296	2	a0
1297	1	a
1298	1	a
1299	3	K5
1300	2	a Perhaps Comp. Look up.

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1920phae.proj.2224C

Identified on I 26102 (to 1289)

1276		+17°	H043	19	33.7	+17	33.8	8.2
1277		+17°	H037	19	33.1	+17	H2.9	9.2
1278		+18°	H180	19	32.9	+18	5.0	9.5
1279		+18°	H178	19	32.7	+18	12.3	9.1
1280		+19°	H091	19	32.0	+19	12.8	9.4
1281		+19°	H093	19	32.1	+19	6.8	9.4
1282		+18°	H176	19	32.5	+18	24.9	9.2
1283		+18°	H182	19	33.1	+18	50.3	7.5
1284		+19°	H101	19	32.8	+19	18.9	9.1
1285		+19	H102	19	32.8	+19	20.1	9.0
1286		+19°	H108	19	33.3	+19	15.6	8.6
1287		+19°	H109 H110	19	33.4	+19	23.8	9.2 9.4
1288		+18 +18	21111	19	33.5	19	H.3	7.9
1289		+16°	3714	18 19	57.4	+16	H5.4 H7.8	8.5
1290		+16	3711	18 19	57.4	+16	H7.8	8.5
1291		+17°	3847	18	58.3	+17	0.8	9.5
1292		+17°	3844	18	57.9	+17	38.9	9.3
1293		+17°	3845	18	58.1	+17	28.7	8.1
1294		+17°	3846	18	58.2	+17	22.6	9.5
1295				18	58.5	+17	38	
1296		+17°	3849	18	58.8	+17	21.3	9.5
1297				18	58.7	+17	10	
1298				18	59.3	+17	19	
1299		+17°	3852	18	59.6	+17	27.8	9.5
1300		+17°	3853	18	59.7	+17	34.9	9.5

Identified on I 25402

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1920phae.proj.2224c

Thursday May 31, 1923
9M7 7840 Court.

1301	3	a5
1302	3	a0
1303	2	70
1304	1	g
1305	1	K5
1306	2	a
1307	2	B9
~~1308~~	4	K0
1309	1	a
1310	1	a
1311	2	B8
1312	2	K0
1313	3	78
1314	2	7
1315	1	a
1316	1	g
1317	1	a
1318	1	75
1319	3	g0
1320	3	g0
1321	2	75
1322	4	70
1323	1	a3
1324	1	a
1325	1	7

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1920phae.proj.2224C

Identified on I 25432

1301	+17°	3850	18	59.1	+17	51.0	9.3 ✓
1302	+18°	3945	18	59.3	+17	6.0	9.3 ✓
1303	+17°	3854	18	59.8	+17	48.0	9.3 ✓
1304	+17°	3856	19	0.2	+17	49.8	9.5 ✓
1305	+17°	3860	19	0.7	+17	40.2	9.0 ✓
1306	+17°	3864	19	1.1	+17	46.6	9.4 ✓
1307	+17°	3866	19	1.5	+17	33.0	9.4 ✓
1308	+17°	3867	19	1.5	+17	30.7	8.1 ✓ 2.
1309			19	1.5	+18	1	✓
1310	+18°	3961	19	1.2	+18	11.2	9.5 ✓
1311	+18°	3963	19	1.5	+18	9.5	9.3 ✓
1312	+18°	3964	19	1.6	+18	13.0	9.2 ✓
1313	+18°	3965	19	2.0	+18	5.6	8.8 ✓
1314	+17°	3870	19	2.5	+17	35.9	9.5 ✓
1315			19	3.1	+17	18	✓
1316			19	3.5	+17	13	Either of these two stars may be the Catalogue star +17° 3874 but as 1317 bellows slightly with the 1317 it agrees with the Catalogue better than 1316
1317	+17°	3874	19	3.5	+17	12.9	9.5
1318	+17°	3878	19	3.9	+17	1.0	9.4 ✓
1319	+17°	3873	19	3.5	+17	24.8	9.5 ✓
1320	+17°	3876	19	3.7	+17	36.3	9.3 ✓
1321	+17°	3877	19	3.8	+17	32.6	9.3 ✓
1322	+17°	3879	19	4.0	+17	29.8	9.2 ✓
1323			19	4.1	+17	14	✓
1324	+17°	3875	19	3.6	+17	56.2	9.4 ✓
1325	+18°	3970	19	3.4	+18	9.6	9.5 ✓
19							

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1920phae.proj.2224c

Thursday May 31, 1923
M 7840 Cont.

1326	1	G
1327	2	72
1328	1	K5
1329	4	70
1330	1	G5
1331	1	G0
1332	2	G5
1333	4	K0
1334	1	A marked out 2 9002
1335	1	G " " "
1336	3	B9
1337	4	B9
1338	2	A0
1339	2	G0
1340	3	A2
1341	1	M
1342	3	78
1343	1	A
1344	3	70
1345	1	K5
1346	3	70
1347	3	K0
1348	1	7
1349	2	A0
1350	1	K2

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1920phae.proj.2224C

Identified on I 25432

1326	+18	3971	19	3.6	+17 (18)	12.1	9.4
1327	+18°	3973	19	4.0	+17 (18)	31.9	9.2
1328	+18°	3975	19	4.3	+17	38.0	9.2
1329	+17°	3880	19	5.2	+17	52.5	9.0
1330			19	5.2	+17	30	
1331			19	5.4	+17	22	
1332			19	5.3	+17	40	
1333	+17°	3883	19	5.4	+17	54	8.2
1334	+17°	3884	19	5.6	+17	53	9.3
1335							
1336	+16°	3782	19	5.8	+16	50	9.2
1337	+16°	3776	19	6.1	+16	56	8.5
1338	+16°	3779	19	6.5	+16	53	9.3
1339	+16°	3882	19	6.7	+16	45	9.3
1340	+16°	3883	19	6.9	+16	39	9.2
1341	+16°	3886	19	7.3	+16	34	9.5
1342	+16°	3887	19	7.5	+16	35	9.3
1343			19	7.9	+17	2	
1344	+19°	3895	19	7.8	+17	16	9.0
1345	+17°	3896	19	8.0	+17	28	9.4
1346	+17°	3901	19	8.7	+17	27.5	8.9
1347	+17°	3900	19	8.5 (31.5)	+17	44.7	8.5
1348	+17°	3899	19	8.5 (27.3)	+17	48.6	9.5
1349	+17°	3902	19	8.7	+17	55.5	9.4
1350	+17°	3905	19	9.1	+17	23.7	9.3

Either of these identifications might be identified on Dun. +17° 3884

According to chart plate I 25432 +17° 3899 +17° 3900 slightly follows error in Dun. Cat?

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1920phae.proj.2224c

Thursday May 31, 1923

M 7840 Cont.

1351	3	K0
1352	1	G0
1353	4	A2
1354	2	78
1355	2	G
1356	3	A0
1357	3	70
1358	3	B8
1359	2	78
1360	6	A2
1361	4	K0
1362	1	A
1363	1	K
1364	3	A2
1365	1	K5
1366	2	72
1367	2	G0
1368	1	72
1369	2	A0
1370	2	72
1371	2	A0 Marked on 29002
1372	1	G5 " " "
1373	1	7 " " "
1374	2	A
1375	1	G

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1920phae.proj.2224C

Identified on I 25432

1351	+17° 3906	19	9.2	+17	26.9	9.1	✓
1352	+17° 3908	19	9.4	+17	25.2	9.3	✓
1353	+17° 3911	19	10.0	+17	17.1	8.5	✓
1354	+17° 3912	19	10.0	+17	27.7	9.5	✓
1355	+17° 3913	19	10.4	+17	9.8	9.5	✓
1356	+17° 3915	19	11.2	+17	25.3	9.2	✓
1357	+17° 3917	19	11.4	+17	33.2	9.0	✓
1358	+17° 3920	19	12.0	+17	27.7	8.8	✓
1359	~~+17° 3925~~	19	12.4	+17	~~48.8~~ 39	~~8.3~~	✓
1360	+17° 3925	19	12.4	+17	48.8	8.3	✓
1361	+17° 3928	19	13.1	+17	51.2	8.8	✓
1362		19	13.4	+17	22		✓
1363		19	13.4	+17	46		✓
1364	+18° 4018	19	10.8	+18	5.5	9.2	✓
1365	+18° 4016	19	10.8	+18	21.1	9.3	✓
1366	+18° 4021	19	11.4	+18	7.8	9.2	✓
1367	+18° 4022	19	11.4	+18	8.1	9.2	✓
1368	+18° 4025	19	11.8	+18	11.3	9.5	✓
1369	+18° 4026	19	12.1	+18	14.1	9.4	✓
1370	+18° 4028	19	12.3	+18	1.8	9.5	✓
1371	+17° 3921	19	12.1	+17	56.0	9.5	✓
1372		19	11.9	+17	38		✓
1373		19	11.8	+17	54		✓
1374		19	11.2	+17	44		✓
1375		19	11.0	+17	22		✓

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1920phae.proj.2224c

Thursday May 31, 1923
M7840 Cont.

1376	1	K5
1377	1	A
1378	2	A0
1379	4	K0
1380	1	G
1381	2	F0
1382	3	F0
1383	2	G0
1384	3	A0
1385	3	A0
1386	3	B8
1387	6	B8
1388	4	B8
1389	1	K
1390	2	K0
1391	1	K5
1392	3	G0
1393	2	G
1394	4	A5
1395	1	M
1396	1	K0
1397	4	A5
1398	3	A0
1399	2	G0
1400	2	B9

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1920phae.proj.2224C

Identified on H 25N3 2

1376	+17°	3909	19	9.6	+17	N91	9.5
1377	+18°	N005	19	8.7	+18	11.6	9.4
1378	+18°	N00N	19	8.6	+18	9.3	9.3
1379	+18°	N002	19	8.5	+18	1N.3	8.0
1380	+17°	389N	19	7.7	+17	N6.5	9.3
1381	+18°	399N	19	7.6	+18	2.9	8.7
1382	+18°	3990	19	7.2	+18	16.0	9.3
1383	+18°	3991	19	7.N	+18	20.3	9.5
1384	+17°	3891	19	6.7	+17	55.8	9.3
1385	+17°	3892	19	6.8	+17	25.3	9.3
1386	+17°	3893	19	6.9	+17	6.1	8.8
1387	+17°	3890	19	6.5	+17	15.9	8.N
1388	+17°	3889	19	6.5	+17	21.2	8.8
1389	+17°	3888	19	6.N	+17	2.N	9.N
1390	+18°	3986	19	6.7	+18	15.7	8.9
1391	+18°	3987	19	6.7	+18	23.3	9.0
1392	+18°	3988	19	6.9	+18	20.8	9.5
1393	+18°	3989	19	7.1	+18	N3.5	9.N
1394	+18°	3992	19	7.N	+18	NN.2	9.0
1395	+18°	3995	19	7.7	+18	30.0	9.0
1396	+18°	3997	19	7.8	+18	24.1	9.2
1397	+18°	3999	19	7.9	+18	37.6	8.7
1398	+18°	N003 ~~3993~~	19	8.6	+18	N1.5	9.3
1399	+18°	N008	19	8.9	+18	N0.7	9.1
1N00	+18	N007	19	8.8	+18	21	9.2

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1920phae.proj.2224c

Thursday May 31, 1923
M 47840 Cont.

1401	5	A3
1402	3	A3
1403	2	A5
1404	1	G5
1405	1	K0
1406	4	G0
1407	4	K0
1408	3	A2
1409	2	B8
1410	2	G5
1411	2	F0
1412	2	A0
1413	2	G0
1414	3	K2
1415	2	G0
1416	1	G0
1416a	5	G5
1417	2	F0
1418	1	G
1419	1	K5
1420	2	A2
1421	2	G5
1422	6	A2
1423	3	G0
1424	2	K0
1425	2	F8

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1920phae.proj.2224c

Identified on P26043

1401 +18°	4015	19	10.5 +18	34	8.3
1402 +18°	4017	19	10.8 +18	38	8.9
1403 +18°	4019	19	11.1 +18	48	9.3
1404 not in D.M.					
1405 +18°	4027	19	12.2 +18	57	9.5
1406 +18°	4030	19	12.9 +18	49	9.1
1407 +18°	4029	19	12.7 +18	30	8.5
1408 +18°	4031	19	13.3 +18	40	9.1
1409 +18°	4033	19	13.5 +18	35	9.5
1410 +18°	4034	19	13.6 +18	1	9.5
1411 +18°	4035	19	13.8 +18	5	9.5
1412 +17°	3931 (3)	19	14.4 +17	56	9.3
1413 +18°	4041	19	14.6 +18	3	9.4
1414 +18°	4038	19	14.1 +18	15	9.0
1415 +18°	~~4037~~ 4036	~~19~~ 19	~~14.1 +18~~ 14.1 +18	~~49~~ 24	~~8.0~~ 9.3
1416 +18°	4042	19	14.6 +18	15	9.3
1416a +17°	3934	19	14.5 +17	57	8.7
1417 +18°	4044	19	14.7 +18	25	9.5
1418 +18°	4046	19	15.5 +18	9	9.5
1419 +17°	3945	19	16.6 +17	56	9.4
1420 +18°	4051	19	16.8 +18	13	9.4
1421 +18°	4048	19	16.6 +18	39	9.4
1422 +18°	4052	19	17.0 +18	34	8.7
1423 +18°	4054	19	17.2 +18	45	9.3
1424 +19°	~~4058~~ 3999	19	17.1 +18	5	9.2
1425 +18°	~~4002~~ 4059	~~19~~ 19	~~18.1 +19~~ 18.1 +18	58 ~~55~~	9.6 ~~9.3~~

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1920phae.proj.2224c

Friday June 1, 1923
M17 7840 Court.

1426	1	G
1427	1	G
1428	1	K5
1429	5	70
1430	1	A
1431	2	A3
1432	3	A0
1433	1	A
1434	1	M
1435	5	78
1436	2	72
1437	1	G
1438	4	A2
1439	3	K2
1440	2	G0
1441	3	A2
1442	1	K5
1443	1	M
1444	1	75
1445	5	K0
1446	2	K0
1447	3	Comp. br. = 75 ft. = A3
1448	1	A
1449	5	A2
1450	1	K0

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1920phae.proj.2224C

Identified on P 26043

~~H26~~					
1426 +18°	4061	19	18.3 + 18	49	9.5
1427 +18°	4062	19	18.4 +18	49	9.5
1428 +18°	4065	19	18.7 +18	34	9.3
1429 +18°	4063	19	18.6 +18	22	8.3
1430 +18°	4060	19	18.3 +18	20	9.5
1431 +18°	4058	19	18.0 +18	4	9.4
1432 +17°	3951	19	17.8 +17	48	9.3
1433 +18°	4068	19	19.2 +18	14	9.4
1434 +18°	4069	19	19.3 + 18	3	9.2
1435 +18°	4070	19	19.3 +18	8	8.7
1436 +18°	4074	19	20.0 +18	22	9.2
1437 +18°	4077	19	20.1 +18	25	9.4
1438 +18°	4079	19	20.5 +18	1	8.7
1439 +17°	3974	19	21.0 +18	54	8.9
1440 not in P.m.					
1441 +18°	4084	19	21.0 +18	8	9.1
1442 +18°	4086	19	21.0 +18	6	9.2
1443 +18°	4088	19	21.3 +18	7	9.4
1444 +18°	4090	19	21.6 +18	2	9.5
1445 +17°	3975	19	21.6 + 17	21	8.3
1446 +17°	3978	19	22.2 + 17	58	9.3
1447 +18°	4092	19	21.9 + 18	11	8.8
1448 +18°	4095	19	22.2 +18	12	9.4
1449 +18°	4094	19	22.4 + 18	11	7.9
1450 +18°	4096	19	22.9 + 18	7	9.2

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1920phae.proj.2224c

Friday June 1, 1923
9h 7m 7840 Cont.

1451	1	a
1452	2	K0
1453	1	a
1454	2	B8
1455	2	A0
1456	2	F0
1457	1	a
1458	2	B9
~~1458a~~	~~7~~	~~As~~
1459	6	K0
1460	2	B9
1461	1	K0
1462	2	B8
1463	1	a
1464	2	A5
1465	1	a
1466	2	K0
1467	2	F5
1468	2	G5
1469	1	a
1470	1	K2
1471	1	K5
1472	6	G0
1473	5	A0
1474	5	A2
1475	1	F

Smith sta

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1920phae.proj.22246

1N51	not in DM.						
1N52	+18°	4099	19	23.6	+18	7	9.1
1N53	+17°	3986	19	23.9	+17	58	9.4
1N54	+17°	3989	19	24.4	+17	57	9.4
1N55	+17°	3975	19	21.6	+17	21	8.3
1N56	+17°	3988	19	24.1	+17	33	9.4
1N57	+17°	not in DM.		24.6	+17	33	9.2
1N58	+17°	3990	19	24.6	+17	33	9.2
1N59	+17°	3992	19	25.2	+17	29	8.3
1N60	+18°	4116	19	25.7	+18	7	9.5
1N61	+17°	3993	19	25.4	+18	0	9.5
1N62	+18°	4109	19	25.1	+18	0	9.3
1N63	+18°	4108	19	25.1	+18	4	9.5
1N64	+18°	4106	19	24.7	+18	14	9.4
1N65	not in DM.						
1N66	+18°	4110	19	25.2	+18	24	9.1
1N67	+18°	4113	19	25.4	+18	20	9.3
1N68	+18°	4115	19	25.7	+18	25	9.5
1N69	+18°	4117	19	26.3	+18	26	9.5
1N70	+18°	4118	19	26.4	+18	37	9.4
1N71	+18°	4121	19	26.9	+18	39	9.1
1N72	+18°	4123	19	27.1	+18	24	8.5
1N73	+18°	4124	19	27.2	+18	46	8.6
1N74	+18°	4125	19	27.5	+18	32	8.5
1N75	+18°	4127	19	27.7	+18	28	9.5

g 26043

Identified as I 27 N1

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1920phae.proj.2224c

Friday June 1, 1923
M7840 Cont.

1476	3	a0	Marked on N27641
1477	4	K0	
1478	3	K2	
1479	1	g5	
1480	1	Ma	
1481	5	Ma	
1482	2	K5	
1483	2	a2	
1484	3	70	
1485	1	M	partly sup. on 1486
1486	1	a	
1486a	3	a3	
1487	3	a2	
1487a	3	K0	
1488	4	K0	
1489	4	a2	
1490	1	K0	
1491	3	a0	
1492	1	g	
1493	1	a	
1494	2	a ~~S~~ E.	
1495	2	a E.	
1496	2	78	
1497	1	K2	
1498	2	g5	
1499	2	g5	
1500	2	a	

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1920phae..proj..2224C

To 1494 identified on I 27/41

1476	+18°	~~1476~~	W128	19	27.9	+18	22	9.1
1477	+19°	~~1477~~	4061	19	27.8	+19	4	8.7
1478	+18°	~~1478~~	W132	19	28.2	+18	59	8.3
1479	+19°	4065		19	28.4	+19	11	9.5
1480	+19°	4069		19	28.6	+19	2	9.2
1481	+18°	W137		19	28.7	+18	W2	7.0
1482	+18	W126		19	28.7	+18	24	8.9
1483	+18°	W138		19	28.8	+18	24	9.4
1484	+18°	W143		19	29.3	+18	49	8.9
1485	+18°	W146		19	29.7	+18	38	9.4
1486	+18°	W147		19	29.7	+18	40	9.4
1486a	+18°	1616		19	30.1	+18	36	8.2
1487	+18	W149		19	30.0	+18	49	8.8
1487a	+18°	1614		19	31.3	+18	30	8.6
1488	+19	4080		19	30.4	+19	8.3	8.1
1489	+19°	4081		19	30.6	+19	8.5	8.7
1490	+19°	4083		19	30.6	+19	16.2	9.5
1491	+19°	4077		19	30.0	+19	19.3	9.0
1492	+18	W139		19	28.9	+18	54	9.4
1493	+19°	~~4071~~ 4069		19 19	29.0 29.1	+19 +19	7 3	~~9.5~~
1494	+19°	4060		19	27.8	+19	31	9.3
1495	+19°	4057		19	26.9	+19	31	9.4
1496	+18°	4120		19	26.9	+18	55	9.3
1497	+18°	4112		19	25.3	+18	59	9.4
1498	+19°	4053		19	25.9	+19	30	9.2
1499	+19°	4051		19	25.6	+19	31	9.4
		~~4152~~		19	25.8	+19	48	~~9.5~~
1500	+19°	4049		19	25.3	+19	31	9.5
		~~4151~~		19	25.6	+19	31	~~9.4~~

826043

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1920phae.proj.2224c

Friday June 1, 1923
M 7 7 840 Court

1501	2	G5
1502	2	K0
1503	3	B8
1504	3	K5
1505	3	A5
1506	1	A
1507	2	A0
1508	2	G5
1509	1	K5
1510	2	A0
1511	3	F8
1512	1	A5
1513	2	F0
1514	3	K0
1515	1	A0
1516	3	A0
1517	1	M preceding of two.
1518	1	A
1519	3	B9
1520	1	A
1521	3	G0
1522	3	A2
1523	2	A5
1524	1	K5
1525	2	F2

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1920phae.proj.2224C

Identified on 26043

1501 +19°	4047	19	24.8 +19	16	9.4
1502 +18°	4007	19	24.8 +18	52	9.5
1503 +18°	4103	19	24.0 +18	52	9.1
1504 +18°	4100	19	23.8 +18	24	8.2
1505 +18°	4098	19	23.3 +18	56	9.1
1506 +18°	4097	19	23.2 +18	54	9.2
1507 +19°	4041	19	23.4 +19	20	9.5
1508 +19°	4045	19	24.5 +19	16	9.3
1509 +19°	4042	19	23.8 +19	43	9.5
1510 +19°	4031	19	22.2 +19	3	9.5
1511 +19°	4034	19	22.3 +19	10	9.0
1512 +19°	4032	19	22.2 +19	17	9.5
1513 not in D m.					
1514 +19°	4026	19	21.1 +19	35	9.1
1515 +18°	4087	19	21.3 +18	55	9.5
1516 +18°	4083	19	21.0 +18	19	9.0
1517 +18°	4081	19	20.7 +18	4	9.3
1518 +18°	4080	19	20.5 +18	35	9.5
1519 +18°	4076	19	20.1 +18	57	9.3
1520 not in D m					
1521 +19°	4022	19	20.5 +19	28	9.2
1522 +19°	4012	19	19.3 +19	11	9.1
1523 +18°	4072	19	19.6 +18	54	9.3
1524 +18°	4073	19	19.6 +18	34	9.3
1525 +18°	4066	19	19.1 +18	49	9.5

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1920phae.proj.2224c

Friday June 1, 1923
M17848 Cont.

1526	3	a3
1527	1	a
1528	3	a0
1529	2	70
1530	3	K0
1531	1	M
1532	2	a0
1533	1	a
1534	3	B8
1535	3	a0
1536	1	a
1537	1	70
1538	1	a
1539	1	a
1540	2	K2
1541	2	K0
1542	3	a0
1543	1	a5
1544	1	a
1545	1	a
1546	3	g5
1547	1	7
1548	3	a0
1549	1	a3
1550	2	75

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1920phae..proj..22246

Identified on 26043

1526	+18°	3935	18	57.4	+18	4	9.0
1527	+18°	3936	18	57.5	+18	8	9.5
1528	+18°	3939	18	57.9	+18	8	8.8
1529	+18°	3938	18	57.8	+18	34	9.0
1530	+18°	3940	18	58.0	+18	33	8.2
1531	+18°	3942	18	58.3	+18	22	9.0
1532	+18°	3937	18	57.6	+18	~~49~~ 48	8.8
1533	not in DM						
1534	+18°	3946	18	59.4	+18	52	8.8
1535	+18°	3949	18	59.5	+18	53	8.9
1536	+18°	3951	18	59.6	+18	53	9.1
1537	+18°	3952	18	59.9	+18	48	9.3
1538	+18°	3948	18	59.5	+18	24	9.5
1539	+18°	3950	18	59.6	+18	32	9.5
1540	+19°	3911	19	0.4	+19	5	8.9
1541	+19°	3909	19	0.1	+19	11	9.3
1542	+18°	3959	19	1.2	+18	57	8.9
1543	+18°	~~3960~~ 3957	~~19~~ 19	~~1.2~~ 1.1	~~+18~~ +18	~~44~~ 47	~~9.5~~ 9.5
1544	+19°	3921	19	1.8	~~+18~~ +19	4	9.4
1545	+18°	3969	19	2.9	+18	52	9.5
1546	+18°	3977	19	4.7	+18	47	8.6
1547	+18°	3976	19	4.5	+18	0	9.0
1548	+19°	3939	19	5.3	+19	11	8.6
1549	+19°	3941	19	6.0	+19	13	9.1
1550	+19°	3942	19	6.0	+19	14	9.1

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1920phae.proj.2224c

Friday June 1, 1923
AM 7 7840 Cont.

1551	3	A0
1552	2	K0
1553	2	A2
1554	1	G
1555	1	F
1556	2	G0
1557	1	G0
1558	2	A0
1559	1	A
1560	2	G0
1561	1	G5
1562	1	K2
1563	1	K5
1564	1	A0
1565	1	G5
1566	1	A
1567	2	A0
1568		
1569		
1570		
1571		
1572		
1573		
1574		
1575		

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1920phae.proj.2224c

Identified on D260 43

1551	+19°	3944	19	6.7	+19	13	9.2
1552	+18°	3983	19	6.3	+18	33	8.8
1553	+19°	3950	19	7.3	+19	24	9.2
1554	+19°	3951	19	7.8	+19	24	9.5
1555	+19°	3953	19	8.0	+19	8	9.3
1556	+19°	3958	19	8.9	+19	22	9.3
1557	+19°	3964	19	9.5	+19	12	9.4
1558	+19°	3966	19	10.0	+19	10	9.5
1559	hot in D m.						
1560	+19°	3970	19	11.2	+19	8	9.3
1561	+19°	3974	19	12.4	+19	22	9.2
1562	+19°	3979	19	13.7	+19	20	9.4
1563	+19°	3982	19	14.2	+19	23	9.1
1564	+19°	3984	19	14.4	+19	27	9.3
1565	+19°	3986	19	14.9	+19	23	9.5
1566	+19°	3990	19	15.2	+19	20	9.4
1567	+19°	3992	19	15.6	+19	4	9.4
1568							
1569							
1570							
1571							
1572							
1573							
1574							
1575							

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1920phae.proj.2224c

MF 8400

Friday, April 3, 1925

cont. from Bk 149, 216.

1201	2	a_3	
1202	2	K_0	
1203	1	F_8	
1204	2	a_0	
1205	3	F_0	
1206	3	K_0	
1207	1	a_5	
1208	2	G_0	
1209	5	B_9	
1210	1	K_5	
1211	1	a	Lines very narrow. S of two
1212	4	a_7	
1213	1	a_5	
1214	2	a_3	
1215	2	a_5	
1216	1	G	
1217	1	F	
1218	3	B_8	
1219	1	K_7	
1220	4	a_2	
1221	3	G_0	
1222	2	G_0	
1223	1	F_5	
1224	1	K_5	Prec. of two
1225	1	a	

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1920phae.proj.2224c

I 31085

1201	Not in Dm.						
1202	Not in Dm.						
1203	Not in Dm.						
1204	Not in Dm.						
1205	Not in Dm.						
1206	+22°	1366	6	23.4	+22	10	9.3
1207	Not in Dm.						
1208	Not in Dm.						
1209	+21°	1275	6	23.4	+21	48	9.3
1210	Not in Dm.						
1211	Not in Dm.						
1212	+21°	1279	6	24.2	+21	34	9.3
1213	Not in Dm.						
1214	Not in Dm.						
1215	Not in Dm.						
1216	Not in Dm.						
1217	Not in Dm.						
1218	Not in Dm.						
1219	Not in Dm.						
1220	Not in Dm						
1221	+21°	1285	6	25.3	+21	48	9.5
1222	Not in Dm.						
1223	Not in Dm.						
1224	Not in Dm.						
1225	Not in Dm.						

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1920phae.proj.2224c

MF 8400

April 3, 1925

1226	1	a
1227	1	G_0
1228	3	a_0
1229	1	K_0
1230	3	a_0
1231	7	K_0
1232	1	G_5-
1233	1	K_0
1234	2	K_0
1235	1	K_0
1236	3	G_0
1237	3	G_5-
1238	5	F_8
1239	5	K_5-
1240	1	M_0
1241	1	M_2
1242	1	a
1243	1	K_7
1244	5	a_0
1245	1	M_0
1246	1	a
1247	3	G_0
1248	1	a
1249	3	a_0
1250	2	a_5-

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1920phae.proj.2224C

I 31085

1226	Not in Dm.						
1227	Not in Dm.						
1228	Not in Dm.						
1229	Not in Dm.						
1230	Not in Dm.						
1231	~~+21° 1289 Not in Dm.~~	b	25.9	+21	45	8.5	
1232	~~+21° 1289 Not in Dm.~~	b	25.9	+21	45	8.5	
1233	Not in Dm.						
1234	Not in Dm.						
1235	+21° 1290	b	26.3	+21	13	9.5	
1236	+21° 1291	b	26.6	+21	8	9.4	
1237	+21° 1293	b	26.9	+21	2	9.4	
1238	~~+20° 1296~~ +21° 1294	b	27.0	~~+20~~ +21	~~27~~ 260	~~8.0~~ 9.3	
1239	+21° 1296	b	27.2	+21	6	9.3	
1240	Not in Dm.						
1241	Not in Dm.						
1242	Not in Dm.						
1243	~~+21° 1299 Not in Dm.~~	b	27.7	+21	11	9.5	
1244	+21° 1301	b	27.8	+21	8	9.5	
1245	Not in Dm.						
1246	Not in Dm.						
1247	Not in Dm.						
1248	~~+21° 1292 Not in Dm.~~	b	26.8	~~+28~~ +21	~~32~~ 34	~~8.5~~ 9.5	
1249	+21° 1295	b	27.1	+21	34	9.5	
1250	Not in Dm.						

wrong star marked on chart plate

wrong star marked on chart plate

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1920phae.proj.2224c

MF 8400

April 3, 1925

1251	5	F_8
1252	6	K_0
1253	1	K_0
1254	1	G_0
1255	4	B_8
1256	8	B_9
1257	3	a_0
1258	1	G
1259	1	G
1260	1	K_2
1261	2	a_0
1262	7	K_0
1263	1	K_2
1264	1	a_0
1265	1	a_0
1266	3	G_0
1267	4	K_2
1268	3	G_0
1269	3	F_5
1270	2	a_0
1271	2	a_3
1272	4	F_0
1273	5	a_0
1274	3	a_3
1275	2	K_2

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1920phae.proj.2224C

I 31085

1251	+21°	1297	6	27.3	+21	36	9.3	
1252	+21°	1298	6	27.4	+21	51	9.1	
1253	+22°	1396	6	27.0	+22	1	9.5	
1254	Not	~~1396~~	~~6~~	~~27.0~~	~~+~~			
1255	+22°	1395	6	26.8	+22	2	9.5	
1256	+22°	1393	6	26.6	+22	3	9.3	
1257	Not in Dm.							
1258	Not in Dm.							
1259	Not in Dm.							
1260	Not in Dm.							
1261	Not in Dm.							
1262	+22°	1388	6	25.7	+22	9	9.0	
1263	Not in Dm.							
1264	Not in Dm.							
1265	Not in Dm.							
1266	+22°	1387	6	25.4	+22	12	9.3	
1267	+22°	1382	6	24.9	+22	7	9.2	
1268	~~+22°~~ +21°	~~1378~~ 1383	~~6~~ 6	~~24.6~~ 24.9	~~+22~~ +21	~~8~~ 57	~~9.5~~ 9.6	
1269	+22	1378	6	24.6	+22	8	9.5	
1270	Not in Dm.							
1271	Not in Dm.							
1272	+22°	1372	6	23.9	+22	2	9.3	
1273	+22°	1367	6	23.7	+22	7	9.3	
1274	+22°	1365	6	23.4	+22	21	9.5	
1275	+22°	1371	6	23.8	+22	16	9.5	

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1920phae.proj.2224c

MF 8400
April 3, 1925

1276	2	G_5-	
1277	2	a_2	
1278	3	M_0	
1279	3	a_0	
1280	5-	a_7	
1281	4	K_0	
1282	2	a_0	
1283	2	F_2	
1284	2	a_0	
1285	2	a_2	
1286	4	F_0-	
1287	3	K	Another star susp. Slightly N
1288	3	a_2	
1289	2	K_0	
1290	3	F_5	
1291	8	a	
1292	8	a	
1293	3	G_0	
1294	2	a_0	
1295	2	a	
1295a	1	a	
1296	2	a_0	
1297	2	K_7	
1298	3	a_0	
1299	2	a_5-	
1300	6	a_5-	

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1920phae.proj.2224C

I 31085

				24.0		13	9.5	
1276	+22°	1372	6	~~23.9~~	+22	~~8~~	~~9.3~~	
1277	Not in Dm.							
1278	+22°	1380	6	24.8	+22	16	9.3	
1279	Not in Dm							
1280	+22°	1381	6	24.8	+22	29	9.5	
1281	+22	1379	6	24.7	+22	39	9.1	
1282	Not in Dm.							
1283	Not in Dm.							
1284	Not in Dm.							
1285	Not in Dm							
1286	+22	1391	6	26.1	+22	12	9.5	
1287	Not in Dm							
1288	+22°	1394	6	26.6	+22	21	9.4	
1289	Not in Dm							
1290	+22°	1401	6	27.8	+22	6	9.5	
1291	+22°	1400	6	27.5	+22	16	9.1	
1292	+21°	1304	6	28.0	+21	46	8.8	
1293	+21°	1303	6	28.0	+21	53	9.5	
	~~+22~~	~~1419~~	~~6~~	~~30.7~~	~~+22~~	~~16~~	~~9.1~~	
1294	Not in Dm.							
1295	not in Dm. ~~+22~~	~~1402~~	~~6~~	~~30.9~~	~~+22~~	~~19~~	~~9.5~~	
1296	+21°	1302	6	27.8	+21	37	9.5	
1297	Not in Dm.							
1298	+20°	1502	6	28.1	+20	50	9.5	
1299	Not in Dm.							
1300	+20°	1501	6	28.4	+20	56	9.2	

1295a not in Dm

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1920phae.proj.2224c

MF 8400

April 3, 1925

1301	6	G_0	
1302	2	M_5-	
1303	4	B_9	
1304	3	a_3	
1305	2	K_0	
1306	2	G_5-	
1307	2	a_0	
1308	1	K_2	
1309	3	a_2	
1310	1	a_5-	
1311	2	a_2	
1312	2	a_7	
1313	1	a	
1314	3	a_7	
1315	1	a	
1316	1	a	
1317	3	K_2	
1318	6	K_6	
1319	2	a_0	
1320	8	K_0	
1321	1	a	
1322	6	B_3	Look up on thinner plate
1323	3	a_0	
1324	1	a_2	
1325	2	a_5-	

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1920phae.proj.2224C

I 3108 X 5

1301	+21°	1306	b	28.5	+21	3	9.2	
1302	+21°	1305	b	28.4	+21	14	9.3	
1303	+21°	1309	b	28.9	+21	12	9.5	
1304	Not in DM.							
1305	Not in DM.							
1306	+20°	1509	b	29.4	+20	38	9.5	
1307	Not in DM.							
1308	Not in DM.							
1309	Not in DM.							
1310	Not in DM.							
1311	+20	1512	b	29.7	+20 +21 60		9.5	
1312	+21	1313	b	29.6	+21	12	9.5	
1313	Not in DM.							
1314	Not in DM.							
1315	Not in DM.							
1316	Not in DM.							
1317	+21°	1311	b	29.1	+21	33	9.5	
1318	+21°	1310	b	29.1	+21	34	9.0	
1319	Not in DM.							
1320	+21°	1308	b	28.9	+21	50	8.7	
1321	Not in DM.							
1322	+22°	1407	b	28.7	+22	8	9.2	
1323	Not in DM.							
1324	Not in DM.							
1325	Not in DM.							

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1920phae.proj.2224c

MF 8400
April 3, 1925

1326	7	F_3
1327	2	a_3
1328	2	G_0
1329	6	B_9
1330	4	F_8
1331	H	F_2
1332	5	K_7
1333	5	B_8
1334	2	F_8
1335	2	a_3
1336	2	a_2
1337	2	K_2
1338	7	B_9
1339	7	K_0
1340	7	a_2
1341	2	G_0
1342	3	F_8
1343	1	a
1344	1	F
1345	1	F_5
1346	1	G_5
1347	2	a_0
1348	4	a_2
1349	5	a_2
1350	3	K_5

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1920phae.proj.2224C

I 31087 5

1326	+22°	1404	6	28.3	+22	10	9.1	
1327	Not in Am.							
1328	Not in Am.							
1329	+22°	1412	6	29.6	+22	14	9.5	
1330	+22°	1414	6	30.1	+22	0	9.4	
1331	+21°	1315	6	30.0	+21	44	9.5	
1332	+21°	1314	6	29.7	+21	41	8.8	
1333	Not in Am.							
1334	Not in Am.							
1335	Not in Am.							
1336	Not in Am.							
1337	Not in Am.							
1338	+21°	1327	6	30.5	+21	23	9.3	
1339	+21°	1328	6	30.6	+21	24	8.9	
1340	+21°	1321	6	30.7	+21	25	9.0	
1341	Not in Am.							
1342	+21°	1319	6	30.6	+21	0.7	9.5	See Note on No. 1352.
1343	Not in Am.							
1344	Not in Am.							
1345	Not in Am.							
1346	Not in Am.							
1347	Not in Am.							
1348	+20° ~~Not~~	1519	6	31.0	+20	55	9.5	
1349	+20° ~~Not~~	1520 ~~1500~~	6	31.1	+20	55	9.3	
1350	+21°	1322	6	31.1	+21	1	9.3	

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1920phae.proj.2224c

MF 8400
april 3, 1925

1351	2	a_3
1352	3	K_0
1353	1	K_5
1354	5	a_0
1355	6	G_5
1356	1	a
1357	6	G_0
1358	3	a_0
1359	1	M
1360	3	a_7
1361	1	G_5
1362	8	a_2
1363	1	K_7
1364	2	K_0
1365	2	a_3
1366	5	F_8
1367	2	a_0
1368	3	K_0
1369	1	K_2
1370	3	G_5
1371	3	a_5
1372	3	K_0
1373	1	M
1374	5	a_2
1375	4	a_3

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1920phae.proj--22246

I 31088

1351	Not in Am.							
1352	+21°	1322	b	31.1	+21	4.8 ~~0.8~~	9.3	According to Plate I 31088 this star is south rather than north of +21°1339
1353	Not in Am.							
1354	+21°	1327	b	31.8	+21	5 ~~31~~	9.5	
1355	+21°	1325	b	31.8	+21	18	9.1	
1356	Not in Am.	~~1327~~	b	~~31.8~~	~~+21~~	~~5~~	~~9.5~~	
1357	+21°	1324	b	31.4	+21	31	9.5	
1358	Not in Am.							
1359	Not in Am.							
1360	Not in Am.							
1361	Not in Am.							
1362	+21°	1331	b	32.2	+21	6	9.1	This is the brighter of two stars, either of which might be identified as +21 1330
1363	+21	1330	b	32.1	+21	15	9.4	
1364	+21°	1332	b	32.4	+21	15	9.5	
1365	+21°	1333	b	32.6	+21	22	9.5	
1366	+21°	1336	b	32.9	+21	31	9.4	
1367	+21°	1334	b	32.7	+21	37	9.5	
1368	+21°	1335	b	32.8	+21	49	9.4	
1369	Not in Am.							
1370	+21°	1342	b	33.4	+21	20	9.5	
1371	+21°	1341	b	33.2	+21	2	9.5	
1372	+21°	1340	b	33.2	+21	0	9.4	
1373	+21°	1345	b	33.9	+21	8	9.5	
1374	+21°	1346	b	34.0	+21	13	9.4	
1375	+21	1347	b	34.2	+21	12	9.5	

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1920phae.proj.2224c

MF 8400
April 3, 1925

1376	5	G_0	
1377	3	a_0	
1378	1	a_{0-}	
1379	1	K_7	
1380	3	K_0	
1381	2	K_0	
1382	2	M_{5-}	
1383	2	a_3	
1384	4	a_{3-}	
1385	2	G	
1386	5	a_2	Lines narrow
1387	7	a_3	
1388	1	a	
1389	1	a	
1390	1	G	
1391	1	K_7	
1392	1	K_2	
1393	4	K_7	
1394	2	a_3	
1395	3	K_0	
1396	3	a_2	
1397	1	K_{5-}	
1398	3	G_5	
1399	1	a_{0-}	
1400	1	G_5	

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1920phae..proj..2224C

I 31085

1376	+21°	~~1344~~ 1329	b	33.~~4~~8	+21	~~40~~ 19	~~9.5~~ ~~8.8~~	9.3
1377	Not in Dm.							
1378	Not in Dm.							
1379	+22°	1447	b	33.9	+22	2	9.5	
1380	+21°	1343	b	33.6	+21	59	9.4	
1381	+22°	1440	b	33.2	+22	4	9.5	
1382	+21°	1338	b	32.9	+21	59 ~~3+~~	9.5	
1383	Not in Dm.							
1384	+22°	1434	b	32.4	+22	10	9.5	
1385	+21	1328	b	32.0	+21	57	9.5	
1386	+21°	1326	b	31.8	+21	57	9.5	
1387	+22°	1426	b	31.4	+22	1	9.4	
1388	Not in Dm.							
1389	Not in Dm.							
~~1390~~ 1390	Not in Dm.							
1391	+21°	1320	b	30.6	+21	50	9.5	
1392	+21°	1316	b	30.3	+21	34	9.5	
1393	+22°	1419	b	30.7	+22	16	9.1	
1394	Not in Dm.							
1395	+22°	1422	b	30.9	+22	19	9.5	
1396	+22	1425	b	31.3	+22	18	9.5	
1397	Not in Dm.							
1398	+22°	1433	b	32.3	+22	28	9.5	
1399	Not in Dm.							
1400	Not in Dm.							

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1920phae.proj.2224c

MF 8 480

Saturday, April 4, 1925

1401	1	F_0	
1402	1	G	S of two
1403	2	G	S of two
1404	1	M	
1405	5	F_8	
1406	8	F_8	
1407	1	K	
1408	1	K_0	
1409	1	a_0	
1410	7	a_2	
1411	7	a_2	
1412	4	a_5	
1413	1	a	
1414	1	a_7	
1415	1	a	
1416	5	G_0	
1417	3	K_7	
1418	2	a_2	
1419	5	F_0	
1420	2	a_0	
1421	5	K_5	
1422	6	B_9	
1423	3	K_2	
1424	2	F_5	
1425	5	a_5	

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1920phae.proj.2224C

I 32512

1W01	+22° 1W37	b	33.0	+22	31	9.5	✓
1W02	Not in Dm.						✓
1W03	Not in Dm.						✓
1W04	Not in Dm.						✓
1W05	+22° 1W42	b	33.6	+22	25	9.4	✓
1W06	+22° 1W45	b	33.8	+22	16	9.1	✓
1W07	Not in Dm.						✓
1W08	Not in Dm.						✓
1W09	Not in Dm.						✓
1W10	+21° 1351	b	34.8	+21	42	9.0	✓
1W11	+21 1352	b	34.8	+21	42	9.0	✓
1W12	+21° 1354	b	34.9	+21	40	9.4	✓
1W13	Not in Dm.						✓
1W14	Not in Dm.						✓
1W15	Not in Dm.						✓
1W16	Not in Dm.						✓
1W17	~~Not~~ +21° 1349	b	34.5	+21	5	9.4	✓
1W18	+21° 1350	b	34.6	+21	5	9.4	✓
	~~+21 1353~~	b	34.9	+21	60	9.3	
1W19	Not in Dm.						✓
1W20	+21° 1355	b	35.2	+21	6	9.0	✓
1W21	Not in Dm.						✓
1W22	+21° 1358	b	35.4	+21	4	8.8	✓
1W23	+21° 1356	b	35.2	+21	13	9.3	✓
1W24	+20° 1548	b	35.7	+20	50	9.5	✓
1W25	Not in Dm.						✓
1W26	+21° 1362	b	36.0	+21	2	9.2	✓

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1920phae.proj.2224c

MF 5400

April 4, 1925

1426	4	a_0
1427	2	a_{0-}
1428	2	K_7
1429	1	K_{5-}
1430	2	a_2
1431	4	B_9
1432	3	a_2
1433	5	F_{5-}
1434	2	a_3
1435	2	K_7
1436	1	a_{5-}
1437	1	K_{5-}
1438	2	F_{5-}
1439	2	F_2
1440	1	a
1441	2	a_0
1442	1	a
1443	2	G_5
1444	2	B_9
1445	6	a_0
1446	3	F_0
1447	3	M_0
1448	2	a_0
1449	4	a_0
1450	4	K_2

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1920phae.proj.22240

I 32512

1W26	Not in Dm.						
1W27	Not in Dm.						
1W28		+21°	1365	b	36.6	+21	12	9.3
1W29	Not in Dm.						
1W30	Not in Dm.	~~+21~~	~~1367~~	~~b~~	~~36.8~~	~~+21~~	~~15~~	~~9.5~~
1W31	~~Not~~	~~+21~~ +21	1367	b	36.8	+21	15	9.5
1W32	Not in Dm.						
1W33		+21°	1363	b	36.4	+21	29	9.4
1W34	Not in Dm.						
1W35		+21°	1361	b	35.7	+21	12	9.5
1W36	Not in Dm.						
1W37		+21°	1359	b	35.5	+21	16	9.5
1W38	Not in Dm.						
1W39	Not in Dm.						
1W40	Not in Dm.	~~+21°~~	~~1368~~	~~b~~	~~36.9~~	~~+21~~	~~40~~	~~9.3~~
1W41	Not in Dm.						
1442	Not in Dm.						
1443	Not in Dm.						
1444	Not in Dm.						
1445		+21°	1360	b	35.7	+21	58	9.3
1446		+21°	1358	b	35.3	+21	56	9.5
1447		+21°	1353	b	34.9	+~~21~~ 22	~~60~~ 0	9.3
1448	Not in Dm.							
1449	Not in Dm							
1450		+22°	1349	b	34.9	+22	22	9.1

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1920phae.proj.2224c

MF 8400

April 4, 1925

1451	2	F_5-	
1452	6	F_5	
1453	4	K_1	n1
1454	3	K_0	
1455	4	K_2	
1456	1	F_0	
1457	6	a_5	
1458	2	K_5-	
1459	5	B_9	
1460	6	K_0	
1461	3	K_0	
1462	5	a_2	
1463	5	G_0	
1464	7	a_3	
1465	3	a_0	
1466	7	F_2	comp? K line looks faint
1467	1	a	
1468	1	G	
1469	1	a	
1470	1	K_0	
1471	2	G_0	
1472	2	a_3	
1473	1	F_8	
1474	2	G_0	
1475	1	K_0	
1475a	6	G_5	

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1920phae.proj.22246

I 32512

1451	Not in Dm.						
1452	+22° 1459	b	36.2	+22	19	9.5	✓
1453	+22° 1462	b	36.4	+22	14	9.2	✓
1454	+21° 1364	b	36.6	+21	53	9.4	✓
1455	+21° 1366	b	36.7	+21	58 ~~57~~	9.4	✓
1456	Not in Dm.						✓
1457	+21° 1368	b	36.9	+21	40	9.3	✓
1458	+21° 1369	b	37.0	+21	34	9.3	✓
1459	+21° 1370	b	37.3	+21	42	9.4	✓
1460	+21° 1372	b	37.6	+21	41	8.7	✓
1461	+21° 1374	b	37.7	+21	39	9.3	✓
1462	+21° 1373	b	37.7	+21	19	9.3	✓
1463	+21° 1375	b	37.8	+21	2	9.1	✓
1464	+20° 1564	b	37.8	~~+20~~ +21	60 0	8.5	✓
1465	+21° 1376	b	38.0	+21	10	9.5	✓
1466	+21° 1377	b	38.1	+21	3	8.9	✓
1467	+21° 1378	b	38.5	+21	5	9.5	✓
1468	Not in Dm.						✓
1469	Not in Dm.						✓
1470	+20 1570	b	38.9	+20	59	9.5	✓
1471	+21° 1381	b	38.7	+21	17	9.4	✓
1472	Not in Dm.						✓
1473	Not in Dm.						✓
1474	+21° 1384	b	39.2	+21	16	9.5	✓
1475	Not in Dm.						✓
~~1475a~~	+21° 1382						

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1920phae.proj.2224c

MF 8H00
April 4, 1925

1476	1	F	Fdl. of two
1477	2	K_0	
1478	2	a_7	
1479	2	a_3	
1480	2	F_5-	
1481	4	K_0	
1482	6	K_0	
1483	2	Gop	Lines narrow. Like R Cor Bor, Br. lines?
1484	1	a	
1485	6	a_7	
1486	3	K_0	
1487	3	F_8	
1488	3	a	Violet end sup. on br. star.
1489	2	K_0	
1490	4	a_5-	
1490a	7	~~G5~~ K_0	
1491	1	F_0	
1492	2	K_0	
1493	1	G	
1494	5	a_2	
1495	3	F_5-	
1496	2	a_3	
1497	1	K_0	
1497a	7	K_0	
1498	1	G_0	
1499	1	a	
1500	1	F_5-	

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1920phae..proj..2224C

I 32512

1476	Not in Dm.						
1477	+21° 1386	b	39.4	+21	30	9.4	
1478	Not in Dm.						
1479	Not in Dm.						
1480	Not in Dm.						
1481	+21° 1386	b	39.5	+21	0	9.0	
1482	+20° 1875	b	39.9	+20	56	9.0	
1483	+20° 1577	b	40.2	+20	58	9.5	
1484	Not in Dm.						
1485	+21 1389	b	40.3	+21	35	9.2	
1486	+21° 1385	b	39.3	+21	43	9.5	
1487	Not in Dm.						
1488	Not in Dm.						
1489	Not in Dm.						
1490	+21° 1379	b	38.6	+21	54	9.4	
1490a	+21 1380						
1491	Not in Dm.						
1492	+21° 1371	b	37.6	+21	58	9.4	
1493	Not in Dm.						
1494	+22° 1472	b	38.4	+22	33	9.4	
1495	Not in Dm.						
1496	Not in Dm.						
1497	+22° 1474	b	39.1	+22	32	9.5	
1497a	+22° 1475						
1498	Not in Dm.						
1499	Not in Dm.						
1500	Not in Dm.						

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1920phae.proj.2224c

MF 8400
April 4, 1925

1501	1	K_5	
1502	2	G	
1503	5	G_0	
1504	1	a	
1505	4	M_0	
1506	4	a_2	4077 very strong
1507	3	F_2	
1508	7	K_0	
1509	3	K_2	
1510	1	K_7	
1511	1	B_9	Lines narrow
1512	4	F_5	
1513	2	a_0	
1514	2	a_2	
1515	4	G_0	
1516	4	F_5	
1517	4	F_2	
1518	6	G_0	
1519	2	F_0	
1520	2	a_7	
1521	3	a_0	
1522	3	G_0	
1523	1	K_0	
1524	4	a_0	
1525	3	G_0	

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1920phae.proj.2224C

I. 40854

1501	Not in Dm							
1502	Not in Dm							
1503	+22°	1478	b	39.7	+22	9	9.4	
1504	Not in Dm							
1505	+22°	1482 1478	b	40.4 39.7	+22	16 9	9.2 9.4	
1506	+22°	1483	b	40.5	+22	10	9.5	
1507	Not in Dm							
1508	+22°	1485	b	40.6	+22	19	8.7	
1509	+22°	1488	b	40.9	+22	11	9.3	
1510	+22°	1489 1490	b	41.0	+22	13 14	9.4 8.4	
1511	Not in Dm							
1512	~~Not~~ +21°	1391	b	40.8	+21	50	9.3	
1513	Not in Dm							
1514	+21°	1393	b	41.2	+21	52	9.5	
1515	+21°	1392	b	41.0	+21	27	9.4	
1516	+21°	1394	b	41.3	+21	8	9.3	
1517	+21°	1395	b	41.7	+21	5	9.4	
1518	+21°	1396	b	41.8	+21	24	9.0	
1519	Not in Dm							
1520	Not in Dm							
1521	Not in Dm							
1522	Not in Dm							
1523	+21°	1397	b	42.0	+21	57	9.5	
1524	+21°	1398	b	42.1	+21	4	9.4	
1525	+20°	1588	b	42.2	+20	56	9.5	

Wrong star wanted by I 40854

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1920phae.proj.2224c

MF 8400
April 4, 1925

1526	2	a_3
1527	1	K_2
1528	1	a
1529	2	a_0
1530	1	G
1531	1	F_5
1532	1	a_0
1533	5	a_0
1534	3	G_0
1535	2	K_0
1536	3	F_5
1537	3	a_7
1538	8	a_3
1539	4	F_0
1540	1	a
1541	1	K_2
1542	2	a_0
1543	6	G_5
1544	1	F_8
1545	3	G_0
1546	2	G_5
1547	6	a_0
1548	1	G_5
1549	4	K_7
1550	3	G_5

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1920phae.proj.2224C

I 40854

						+21	0	
1526		+20°	1592	b	H2.5	~~+20~~	~~60~~	9.5
1527		+21°	1H01	b	H2.6	+21	15	9.5
1528	Not in Dm							
1529	Not in Dm							
1530	Not in Dm							
1531	Not in Dm							
1532	Not in Dm							
1533		+21°	1H06	b	H2.9	+21	23	9.2
1534	Not in Dm							
1535	Not in Dm							
1536	Not in Dm							
1537	Not in Dm							
1538		+21°	1H00	b	H2.5	+21	H3	9.2
1539	~~Not~~	+21°	1H08	b	H3.0	+21	52	9.5
1540	Not in Dm							
1541	Not in Dm							
1542	Not in Dm							
1543		+21°	1H13	b	H3.7	+21	H0	9.3
1544	Not in Dm							
1545		+21°	1H09	b	H3.1	+21	21	9.4
1546		+21°	1H10	b	H3.1	+21	22	9.5
1547		+21°	1H07	b	H2.9	+21	6	9.2
1548	Not in Dm							
						+21	0	
1549		+20°	1594	b	H2.8	~~+20~~	~~60~~	9.2
1550		+21	1H03	b	H2.7	+21	4	9.0

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1920phae.proj.2224c

MF 8400.
April 4, 1925

1551	6	G_0 a_2	Spectrum comp.
1552	5	K_0	
1553	2	F_8	
1554	2	a_3	
1555	3	a_7	
1556	3	a_0	
1557	3	K_2	
1558	1	K_7	
1559	2	G_0	
1560	2	G_5	
1561	1	a	
1562	2	F_0	
1563	2	G_0	
1564	1	a	
1565	2	K_0	
1566	2	F_8	
1567	2	a_3	
1568	1	a	
1569	6	G_0	
1570	4	K_0	
1571	7	a_0	
1572	6	G_5	
1573	4	K_2	
1574	6	F_0	
1575	5	F_8	

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1920phae.proj.2224C

I H0854

1551		+21°	1W0W	b	W2.8	+21	13	9.2
1552		+21°	1W12	b	W3.5	+21	17	9.5
1553	Not in Dm							
1554		+21°	1W1W	b	W3.7	+21	5	9.5
1555		+20°	1607	b	WW.1	+20	52	9.5
1556	Not in Dm							
1557		+20°	1605	b	W3.7	+20	W5	9.1
1558		+20°	1603	b	W3.6	+20	W5	9.W
1559	Not in Dm							
1560		+20	1600	b	W3.5	+20	W6	9.5
1561	Not in Dm							
1562	Not in Dm							
1563	Not in Dm							
1564	Not in Dm							
1565		+21°	1W16	b	WW.5	+21	2	9.5
1566	Not in Dm							
1567	Not in Dm							
1568	Not in Dm							
1569		+21°	1W17	b	WW.5	+21	30	9.2
1570 ~~1560~~		+21°	1W15	b	WW.W	+21	W3	9.3
1571		+21°	1W18	b	WW.7	+21	37	9.2
1572		+21°	1W20	b	WW.8	+21	W2	9.0
1573		+21°	1W23	b	W5.1	+21	22	9.W
		+21°	1W25	b	W5.3	+21	W	9.3
1574		~~+21°~~	~~1W22~~	b	W5.1	+21	3	9.0
1575		+21	1W2W	b	W5.2	+21	1W	9.3

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1920phae.proj.2224c

MF 8480

april 6, 1923

1576	2	K_0
1577	1	G
1578	4	a_7
1579	3	F_8
1580	1	G_0
1581	1	G_0
1582	2	K_5
1583	2	a_2
1584	3	a_3
1585	1	G_0
1586	4	a_2
1587	4	K_2
1588	2	G_5
1589	6	G_5
1590	1	G_0
1591	1	F_8
1592	1	K_0
1593	1	G_0
1594	1	a_0
1595	3	F_5
1596	1	a_0
1597	3	F_8
1598	4	G_5
1599	3	a_2
1600	3	F_8

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1920phae.proj.2224C

I 4085N

1576		+21°	1421	b	44.8	+21	7	9.4
1577	Not in Am.							
1578		+20°	1616	b	45.6	+20	33	9.5
1579		+20°	1618	b	45.8	+20	27	9.5
1580	Not in Am.							
1581	Not in Am.							
1582		+20°	1619	b	46.0	+20	40	9.3
1583	Not in Am.							
1584	Not in Am.							
1585		+20	1621	b	46.4	+20	55	9.5
1586		+21	1430	b	46.4	+21	10	9.3
1587		+20°	1623	b	46.7	+20	58	9.3
1588		+20	1627	b	47.0	+20	56	9.5
1589		+20°	1629	b	47.2	+20	55	9.2
1590	Not in Am.							
1591	Not in Am.							
1592	Not in Am.							
1593	Not in Am.							
1594	Not in Am.							
1595		+21°	1433	b	47.3	+21	42	9.5
1596	Not in Am.							
1597	Not in Am.							
1598		+21	1434	b	47.8	+21	34	9.3
1599	Not in Am.							
1600	Not in Am.							

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1920phae.proj.2224c

MF 8400

April 6, 1925

1601	7	a_2
1602	1	K_5
1603	2	K_0
1604	6	F_5
1605	1	K_7
1606	6	G_0
1607	6	F_5
1608	3	M_0
1609	1	a
1610	7	a_2
1611	7	a_2
1612	7	a_0
1613	1	K_0
1614	1	a_0
1615	1	F_2
1616	2	F_8
1617	1	K_5
1618	1	G_0
1619	2	G
1620	1	F_5
1621	2	F_5
1622	3	G_0
1623	6	G_0
1624	1	F_8
1625	8	a_0

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1920phae.proj.2224C

I 24030

1601	+21°	1435	6	17.8	+21	8	9.1	✓
1602	Not							✓
1603	+20°	1635	6	17.5	+20	16	9.3	✓
1604	+20°	1622	6	16.5	+20	30	9.0	✓
1605	+20°	1624	6	16.8	+20	21	9.2	✓
1606	+20°	1626	6	16.8	+20	22	9.0	✓
1607	+20°	1625	6	16.8	+20	31	9.2	✓
1608	+20°	1628	6	17.1	+20	16	9.0	✓
1609	Not							✓
1610	+20°	1631	6	17.3	+20	30	9.3	✓
1611	+20°	1632	6	17.5	+20	18	9.3	✓
1612	+20°	1634	6	17.5	+20	16	9.0	✓ +20° 1633 6 17.5 +20 16 8.8 superposed
1613	+20°	1636	6	17.6	+20	22	9.5	✓
1614	Not							✓
1615	Not							✓
1616	Not							✓
1617	Not							✓
1618	Not							✓
1619	Not							✓
1620	+20°	1643	6	18.5	+20	19	9.5	✓
1621	+20°	1641	6	18.4	+20	28	9.5	✓
1622	+20°	1638	6	18.3	+20	29	9.3	✓
1623	+20°	1640	6	18.4	+20	44	9.2	✓
1624	+20°	1642	6	18.5	+20	39	9.5	✓
1625	+20°	1644	6	18.6	+20	41 39	9.5 8.9	✓
+6								

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MF 8400

april 6, 1925

1626	H	a_2	
1627	2	G_0	
1628	1	G	Perhaps comp. K line looks faint
1629	2	a_3	
1630	1	a	
1631	2	G_0	
1632	2	K_2	
1633	5	K_2	
1634	8	a	
1635	7	K_2	
1636	1	F_5	
1637	5	F_0	
1638	5	F_5	
1639	1	a	
1640	2	a	
1641	1	G_5	
1642	1	G_5	
1643	2	K_8	
1644	1	F	
1645	3	a_3	
1646	5	F_2	
1647	2	K_0	
1648	5	F_8	
1649	2	F_2	
1650	7	a_7	

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I 24030

1626		+20°	16N5	6	N8.6	+20	22	9.5	✓
1627		+20°	16N6	6	N8.7	+20	25	9.N	✓
1628		+20°	16N8	6	N8.8	+20	26	9.5	✓
1629	Not								✓
1630	Not								✓
1631		+20°	1655N	6	49.9	+20	57	9.5	✓
1632	Not								✓
1633		+20°	1656	6	50.3	+20	58	9.0	✓
163N		+21°	1NN8	6	N9.5	+21	17	8.7	✓
1635		+21°	1NN7	6	N9.N	+21	27	8.5	✓
1636	Not								✓
1637		+21°	1NN5	6	N9.1	+21	12	9.3	✓
1638		+21°	1NN3	6	N9.0	+21	5	9.2	✓
1639	Not								✓
16N0	Not								✓
16N1	Not								✓
16N2	Not								✓
16N3		+21°	1N39	6	N8.6	+21	11	9.3	✓
16NN	Not								✓
16N5		+21°	1N38	6	N8.2	+21	22	9.5	✓
16N6		+21°	1NN1	6	N8.7	+21	2N	9.N	✓
16N7	Not								✓
16N8		+21°	1N56	6	50.7	+21	19	9.1	✓
16N9		+21°	1457	6	50.8	+21	0	9.3	✓
1650		+21°	1N61	6	51.5	+21	18	8.7	✓

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MF 8400
April 6, 1925

1651	2	a_7	
1652	2	~~F2p~~ G	M F8357 comp? einfaches spec. mehrere Kp. Kfk. 16 r, 45 fe.
1653	2	a	Linien very indistinct.
1654	6	a_0	
1655	5	a_3	
1656	2	G_5	
1657	1	K_5	
1658	7	a_3	
1659	2	a_2	
1660	2	a_0	
1661	3	B_9	
1662	1	a	
1663	4	a_2	
1664	1	a	
1665	3	G_5	
1666	2	G_5	
1667	1	G_5	
1668	2	a_0	
1669	2	K_2	
1670	3	K_0	
1671	3	K_5	
1672	3	G_5	
1673	4	K_0	
1674	4	F_5	
1675	4	a_2	

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1920phae.proj.2224C

I 2H030

1651	Not									
1652	Not									
1653	Not									
1654		+21°	1H64	b	52.1	+21	21	9.4		
1655		+21°	1H63	b	51.8	+21	30	9.3		
1656		+21°	1H62	b	51.8	+21	27	9.3		
1657	Not									
1658		+21°	1H65	b	52.1	+21	10	9.3		
1659	Not									
1660	Not									
1661		+21°	1H66	b	52.5	+21	2	9.5		
1662	Not									
1663		+21°	1H67	b	52.8	+21	4	9.5		
1664	Not									
1665	Not									
1666		+20°	1670	b	53.1	+20	45	9.5		
1667	Not									
1668		+20°	167H	b	53.5	+20	41	9.5		
1669	Not									
1670		+21°	1H75	b	54.0	+21	1	9.4		
1671		+21°	1H77	b	54.1	+21	7	9.5		
1672	Not in Dec.	~~+21°~~	~~1H79~~	b	~~54.2~~	~~+21~~	~~14~~	~~9.4~~		
1673		+21°	1H79	b	54.2	+21	14	9.4		
167H		+21°	1H78	b	54.2	+21	22	9.5		
1675		+20°	1677	b	54.3	+20	56	9.3		

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MF & 400
April 6, 1925

1676	4	K_0
1677	2	a_7
1678	7	a_0
1679	3	a_0
1680	1	K_2
1681	1	K_0
1682	4	G_0
1683	5	a_2
1684	2	K_7
1685	2	G_0
1686	2	K_0
1687	3	a_0
1688	5	a_2
1689	7	a_0
1690	1	a
1691	4	K_0
1692	6	K_0
1693	3	K_0
1694	4	a_2
1695	3	a_0
1696	5	G_0
1697	4	G_5
1698	3	G_5
1699	2	G_0
1700	5	a_0

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1920phae.proj.2224c

I 24030

1676		+20°	1678	b	54.4	+20	N5	9.1	✓
1677		+20°	1681	b	54.7	+20	36	9.5	✓
1678		+20°	1679	b	54.6	+20	58	9.1	✓
1679		+20°	1485	b	55.0	+20	2	9.5	✓
1680	Not								✓
1681	Not								✓
1682		+21°	1486	b	55.2	+21	N1	9.3	✓
1683		+21°	1483	b	54.9	+21	N8	9.4	✓
1684		+21°	1482	b	54.6	+21	56	9.5	✓
1685	Not								✓
1686		+21°	1474	b	53.9	+21	N2	9.4	✓
1687	Not								✓
1688		+21°	1469	b	53.1	+21	N2	9.3	✓
1689		+21°	1470	b	53.2	+21	N7	9.3	✓
1690 ~~1700~~	Not								✓
1691		+21°	1473	b	53.6	+21	58	9.2	✓
1692		+21°	1476	b	54.1	+21	57	9.3	✓
1693		+21°	1468	b	52.9	+21	55	9.5	✓
1694		+22°	1546	b	51.6	+22	2	9.3	✓
1695		+21°	1460	b	51.5	+21	54	9.5	✓
1696		+21°	1455	b	50.3	+21	53	9.4	✓
1697		+21°	1450	b	50.0	+21	44	9.3	✓
1698		+21°	1449	b	49.6	+21	46	9.4	✓
1699		+21°	1446	b	49.3	+21	55	9.5	✓
1700		+22°	1530	b	49.4	+22	10	9.3	✓

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1920phae.proj.2224c

MF 8400

Tuesday. April 7, 1925

1701	1	a	
1702	7	a_2	
1703	5	G_0	
1704	1	K	
1705	8	a	
1706	2	a_7	
1707	2	a	
1708	1	a	
1709	1	a	
1710	4	G_0	
1711	5	a_0	
1712	1	K_0	
1713	1	F_5	
1714	2	a_0	
1715	4	a_0	
1716	5	K_0	
1717	2	K_0	
1718	4	F_8	
1719	3	B_9	Lines indistinct. H δ looks bright
1720	2	F_0	
1721	1	K_5	
1722	3	K_5	
1723	1	a	
1724	2	K_0	
1725	3	a	

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1920phae.prj.2224C

I 40124

1701	~~+22° 1320~~	✓	Not in DM	✓ 9.0 ✓ prec. of two foll. of two
1702	+22° 1320	✓		
1703	+22° 1321	✓		9.0 ✓
1704	not in Hlm	✓		✓
1705	+21° 1230	✓		8.5
1706	not in Hlm	✓		
1707	not in Hlm	✓		
1708	not in Hlm	✓		
1709	not in Hlm	✓		
1710	+22° 1324	✓		9.5
1711	+22° 1325	✓		9.5
1712	not in Hlm	✓		
1713	not in Hlm	✓		
1714	not in Hlm	✓		
1715	+22° 1329	✓		9.5
1716	+22° 1331	✓		8.5
1717	not in Dm	✓		
1718	+21° 1243	✓		9.2
1719	+21° 1245	✓		9.5
1720	+22° 1337	✓		9.5
1721	+22° 1339	✓		9.4
1722	+22° 1338	✓		9.1
1723	not in Hlm	✓		
1724	+22° 1332	✓		9.4 ~~assuming an error in S on Hlm chart~~
1725	not in Hlm	✓		

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1920phae.proj.2224c

MF 8400
april 7, 1925

1726	4	a_0
1727	1	F_0
1728	1	K_0
1729	4	a_0
1730	1	K_7
1731	1	a
1732	3	a_0
1733	1	a
1734	3	a_0
1735	3	a_0
1736	1	K_2
1737	3	G_0
1738	2	a_0
1739	5	a_0
1740	3	a_3
1741	1	M
1742	3	K_0
1743	2	G_0
1744	1	G_5
1745	1	F
1745a	7	A0
1746	2	F_8
1747	2	a_0
1748	4	a_2
1749	1	G_0
1750	2	F_8

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1920phae.prpj.2224c

I 40124

1726	+22°	1336	✓	9.4
1727	+22°	1333	✓	9.5
1728	not in Hm		✓	
1729	+22°	1328	✓	9.4
1730	+22°	1334	✓	9.5
1731	not in Hm		✓	
1732	+23°	1358	✓	9.5
1733	not in Hm		✓	
1734	+23°	1363	✓	9.5
1735	not in Hm		✓	
1736	+22°	1340	✓	9.5
1737	+22°	1341	✓	9.5
1738	not in Hm		✓	
1739	+23°	1370	✓	9.3
1740	+23°	1373	✓	9.4
1741	not in Hm		✓	
1742	+22°	1344	✓	9.5
1743	+22°	1345	✓	9.5
1744	not in Hm		✓	
1745	+22°	1346	✓	9.5
1745a	+22	1347		
1746	+22°	1348	✓	9.5
1747	+22°	1349	✓	9.5
1748	+22°	1351	✓	9.4
1749	+22°	1350	✓	9.5
1750	+22°	1353	✓	9.5

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MF 8400
April 7, 1925

1751	2	K_0
1752	2	G_5
1753	2	F_0
1754	3	B_9
1755	1	a
1756	1	K_0
1757	1	G_0
1758	4	G_0
1759	1	G_5
1760	3	G_0
1761	1	K_7
1762	1	G_5
1763	4	F_0
1764	3	a_0
1765	2	a_0
1766	1	a_2
1767	2	G_5
1768	1	K_2
1769	1	a_0
1770	3	G_0
1770a	2	F_5
1771	2	G_0
1772	4	M_3
1773	5	K_0
1774	1	G_5
1775	1	G_0

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1920phae.prj.2224c

I40124

1751	+22°	13546	~~21.8~~ +22	18	9.5	~~Not in Dec.~~
1752					~~9.0~~	Not in Dec.
1753	+22°	13576	22.3 +22	31	9.5	
1754	+22°	13616	23.0 +22	31	9.5	
1755						Not in Dec.
1756						Not in Dec.
1757	+22°	13586	22.4 +22	58	9.5	
1758	+22°	13606	22.5 +22	54	9.3	
1759	+22°	13596	22.5 +23	0	9.5	
1760						Not in Dec.
1761						Not in Dec.
1762						Not in Dec.
1763	+22°	13626	23.0 +22	54	9.3	
1764	+22°	13636	23.1 +22	49	9.5	
1765						Not in Dec
1766						Not in Dec.
1767	+23°	13876	23.2 +23	5	9.5	
1768						Not in Dec.
1769						Not in Dec.
1770	+22°	13686	23.7 +22	58	9.4	
1770a	+22°	13696	23.7 +22	56	9.4	
1771	+22°	~~1370~~ 13706	23.7 +22	56	9.5	
1772	+23°	13896	23.9 +23	13	9.0	
1773	+23°	13916	24.0 +23	11	9.1	
1774						Not in Dec.
1775						Not in Dec.

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MF 8400
April 7, 1925

1776	3	G_5
1777	1	G_0
1778	3	a_0
1779	H	a_3
1780	7	a_2
1781	6	a_2
1782	1	a
1783	6	K_0
1784	8	a_0
1785	5	G_5
1786	5	F_2
1787	5	G_5
1788	2	G_5
1789	2	a_2
1790	5	a_0
1791	7	F_5
1792	1	K_7
1793	7	a_0
1794	2	a_0
1795	1	M_0
1796	2	K_0
1797	1	K_7
1798	H	a_0
1799	1	K_2
1800	4	G_5

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940124

1776	+22°	1376	6	24.4	+22	48	9.4
1777							Not in Dun.
1778							Not in Dun.
1779							Not in Dun
1780	+23°	1392	6	24.2	+23	23	9.4
1781	+23°	1390	6	23.9	+23	28	9.4
1782							Not in Dun.
1783	+23°	1398	6	24.7	+23	17	8.5
1784	+23°	1399	6	24.7	+23	30	9.0
1785	+23°	1401	6	25.0	+23	29	9.2
1786	+23°	1402	6	25.0	+23	10	9.4
1787	+23°	1403	6	25.3	+23	9	9.0
1788	+22°	1385	6	25.4	+22	53	9.5
1789	+22°	1389	6	25.9	+22	44	9.5
1790	+22°	1390	6	26.1	+22	34	9.4
1791	+22°	1392	6	26.3	+22	58	9.1
1792							Not in Dun.
1793	+23°	1408	6	26.0	+23	29	9.2
1794	+23°	1410	6	26.4	+23	28	9.5
1795	+23°	1411	6	26.4	+23	26	9.4
1796	+23°	1412	6	26.5	+23	18	9.5
1797							Not in Dun.
1798	+23°	1415	6	27.1	+23	4	9.3
1799	+23°	1416	6	27.2	+23	3	9.4
1800	+22°	1397	6	27.1	+22	42	9.0

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1920phae.proj.2224c

MF 8400
april 7, 1925

1801	4	a_0
1802	2	K_7
1803	2	G_0
1804	2	a_2
1805	3	a_2
1806	3	G_5
1807	1	K_2
1808	2	F_5
1809	1	K_0
1810	1	a
1811	1	F
1812	2	F_8
1813	2	G_5
1814	1	a
1815	3	a_0
1816	1	a
1817	5	a_0
1818	2	K_2
1819	2	K_8
1820	5	a_0
1821	4	a_0
1822	2	a_0
1823	3	a_0
1824	1	a_0
1825	2	a_2

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1920phae.proj.2224C

940124

1	1801	+22°	1398	6	27.2	+22	33	9.4
	1802	+22°	1399	6	27.3	+22	26	9.4
	1803							Not in Dm.
	1804							Not in Dm.
	1805	+22°	1403	6	28.2	+22	34	9.4
	1806	+22°	1402	6	28.0	+22	46	9.3
	1807							Not in Dm.
	1808							Not in Dm
	1809							Not in Dm.
	1810							Not in Dm.
	1811	+22°	1406	6	28.4	+22	56	9.5
	1812							Not in Dm.
	1813	+23°	1418	6	27.4	+23	4	9.4
	1814							Not in Dm.
	1815	+23°	1413	6	27.0	+23	25	9.5
	1816							Not in Dm.
	1817	+23°	1414	6	27.1	+23	25	9.4
	1818	+23°	1417	6	27.4	+23	35	9.5
	1819	+23°	1419	6	27.4	+23	37	9.5
	1820	+23°	1421	6	27.5	+23	35	9.5
	1821	+23°	1422	6	27.7	+23	31	9.5
	1822							Not in Dm.
	1823							Not in Dm.
	1824							Not in Dm.
	1825							Not in Dm.

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MF 8400
april 7, 1925

1826	2	a_2
1827	4	a_0
1828	1	K_2
1829	3	a_0
1830	1	K_7
1831	4	B_5
1832	5	a_2
1833	3	a_2
1834	1	a
1835	2	B_8
1836	1	F_8
1837	7	G_0
1838	4	a_2
1839	2	a_0
1840	3	a_0
1841	6	a_5
1842	1	a_7
1843	1	K_7
1844	7	K_0
1845	7	F_0
1846	5	K_0
1846a	2	G_0
1847	4	K_0
1848	1	a
1848a	7	B_5
1849	5	K_0
1850	1	a

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940124

1826	+23°	1424	6	27.9	+23	44	9.5 ✓
1827	+23°	1426	6	28.5	+23	36	9.5 ✓
1828							Not in Dun. ✓
1829							Not in Dun. ✓
1830							Not in Dun. ✓
1831							Not in Dun. ✓
1832	+22°	1405	6	28.4	+22	33	9.2 ✓
1833							Not in Dun. ✓
1834							Not in Dun. ✓
1835							Not in Dun. ✓
1836							Not in Dun. ✓
1837	+23°	1432	6	29.0	+23	18	9.0 ✓
1838	+23°	1430	6	29.0	+23	23	9.5 ✓
1839							Not in Dun. ✓
1840							Not in Dun. ✓
1841	+23°	1434	6	29.3	+23	13	9.2 ✓
1842							Not in Dun. ✓
1843							Not in Dun. ✓
1844	+23°	1428	6	28.8	+23	38	8.7 ✓
1845	+23°	1429	6	28.9	+23	45	8.7 ✓
1846	+23°	1438	6	30.3	+23	45	9.1 ✓
1846a	+23°	1439					✓
1847	+23°	1441	6	30.6	+23	21	9.5 ✓
1848							Not in Dun. ✓
1848a	+23°	1436					
1849	+23°	1439	6	30.3	+23	5	9.2 ✓
1850							Not in Dun. ✓

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MF 8400
April 7, 1925

1851	1	G
1852	1	a
1853	7	G_5
1854	5	K_5
1854a	4	A3
1855	1	F_5
1856	1	K_0
1857	6	a_5
1858	2	a_2
1859	2	a_0
1860	4	K_0
1861	1	G_5
1862	3	F_8
1863	3	G_0
1864	3	K_2
1865	1	G
1866	1	a
1867	5	F_0
1868	1	a
1869	1	F
1870	2	a_0
1871	2	G_0
1872	8	B_9
1873	7	F_2
1874	4	G_0
1875	1	K_5

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1920phae.proj.2224C

940124

1851							Not in Dun.
1852							Not in Dun.
1853	+22°	1415	6	30.2	+22	40	8.9
1854	+22°	1420	6	30.8	+22	46	8.8
1855a	+22°	1418					
1855							Not in Dun.
1856							Not in Dun.
1857	+22°	1427	6	31.5	+22	32	9.3
1858							Not in Dun.
1859							Not in Dun.
1860	+23°	1448	6	31.4	+23	5	9.0
1861	+23°	1445	6	31.0	+23	8	9.5
1862							Not in Dun.
1863							Not in Dun.
1864	+23°	1442	6	30.8	+23	24	9.5
1865							Not in Dun.
1866							Not in Dun.
1867	+23°	1444	6	30.9	+23	46	9.2
1868							Not in Dun.
1869							Not in Dun.
1870							Not in Dun.
1871							Not in Dun.
1872	+23°	1454	6	31.8	+23	20	9.2
1873	+23°	1450	6	31.6	+23	36	9.0
1874	+23°	1449	6	31.5	+23	38	9.4
1875							Not in Dun.

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MF 8400
April 7. 1925

1876	6	a_2	
1877	2	F	Another star sup.
1878	6	G_0	
1879	5	K_2	
1880	5	a_0	
1881	2	a_0	
1882	4	K_2	
1883	1	K_0	
1884	1	F	
1885	3	K_2	
1886	5	K_0	
1887	3	a_0	
1888	4	K_2	
1889	6	a_2	
1890	3	B_9	
1891	7	a_3	
1892	5	F_8	
1893	3	a	
1894	4	a	
1895	2	a	
1896	1	K_0	
1897	4	B_9	
1898	5	B_8	
1899	3	a_5	
1900	2	F_8	

cont. in Bk 154. 2

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940124

1876	+23°	1456	6	32.2	+23	32	9.3
1877							
1878	+23°	1453	6	31.7	+23	2	9.0
1879	+22°	1428	6	32.1	+22	59	9.0
1880	+22°	1430	6	32.2	+22	46	9.5
1881							
1882	+22°	1432	6	32.3	+22	56	9.3
1883	+22°	1435	6	32.7	+22	42	9.5
1884							
1885	+22°	1439	6	33.2	+22	41	9.1
1886	+22°	1438	6	33.1	+22	47	9.1
1887							
1888	+22°	1441	6	33.6	+22	56	9.4
1889	+23°	1462	6	33.4	+23	0	9.4
1890							
1891	+23°	1460	6	32.8	+23	21	9.3
1892	+23°	1461	6	33.0	+23	33	9.4
1893	+23°	1459	6	32.6	+23	44	9.3
1894	+23°	1459	6	32.6	+23	44	9.3
1895							
1896							
1897							
1898	+23°	1463	6	33.4	+23	28	9.3
1899							
1900							

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