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Plot 38

12-05-

DeV

Sequences Near N Pole

February 12, 1920

	Mc 16626 Sc 1	Sc 2	Diff	Mc 16632 Fr 16	Mean	Diff	16626 − 16632
8	1.6 1.5		6.63	1.6	1.55	6.68	0
9	2.1 2.0		6.73	2.1	2.10	6.73	0
10	2.2 2.1		6.82	2.3	2.25	6.77	−1
11	2.8 2.7		6.75	2.8	2.80	6.75	0
12	3.1 3.0		6.76	3.4	3.25	6.61	−3
13	3.6 3.5		6.70	3.7	3.65	6.68	−1
14	4.0 3.9		6.65	4.15	4.08	6.57	−2
15		4.30 4.2 4.4	6.78	4.5	4.40	6.68	−2
16		4.8	6.60	5.0	4.90	6.50	−2
17		5.3	6.33	5.3	5.30	6.33	0
18		5.9	6.16	5.9	5.90	6.16	0
19		6.2	6.22	+01 6.3	6.25	6.17	−1
20		6.50 6.5 6.5	6.23	+02 6.7	6.60	6.13	−2
21		6.9	6.06	0 6.9	6.90	6.06	0
22		7.2	5.99	0 7.2	7.20	5.99	0
23		7.5	5.84	0 7.5	7.50	5.84	0
24		7.7	5.94	+1 7.8	7.75	5.89	−1
25		8.0	5.87	+1 8.1	8.05	5.82	−1
26		8.5	5.83	+2 8.7	8.60	5.73	−2
27		9.1	5.59	9.2	9.15	5.54	−1
28		9.7	5.41	9.75	9.72	5.39	0
29		7	.	.	.	.	
							−19
				+8/8	+1.0		/21
							−.09

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Sequences Near N Pole

February 12, 1920

Sc V

Seq. J

Reduce from MC 16628

MC 16626
Sc 1 Sc 2

			Cu	Magn	
a	3.2 3.1		6.59	9.79	
b	3.4 3.3		6.60	10.00	
c	3.6 3.5		6.61	10.21	
d	4.1 4.0	4.10 00	4.1 6.60	10.70	
e			4.3 6.58	10.88	Copied 53.209
f			4.7 6.52	11.12	
g			5.2 6.44	11.64	
h			5.3 6.43	11.73	
k			6.3 6.20	12.50	
l			6.7 6.11	12.81	
m			7.1 6.02	13.12	
n			7.5 5.96	13.46	
o			8.0 5.89	13.89	
p			8.3 583	14.13	

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Sequences Near N Pole
February 12, 1920

Scr

Seq F MC 16627

	Sc 1	Sc 2	Cu.	Magn	
Reduced from Curve of MC16626 Pl 38 a	3.6 3.5		6.65	10.25	
b	3.8 3.7	3.85 01 3.9	6.63	10.48	
c		4.1	6.60	10.70	
d		4.4	6.56	10.96	
e		4.8	6.49	11.29	
f		5.0	6.44	11.44	Copied 53:101
g		5.6	6.32	11.92	
h		5.5	6.34	11.84	
k		6.1	6.22	12.32	
l		6.5	613	12.63	
m		6.8	6.05	12.85	
n		7.1 7.20 7.3	597	13.17	
o		8.1	580	13.90	
p		9.0	559	14.59	
q		9.7	543	15.13?	

Seq G

Reduce from MC16628 a	3.4 3.5	6.60	10.10	
b		3.9 3.7 3.80	6.60	10.40	
c		4.3	6.58	10.88	
d		4.3	6.58	10.88	Copied 53:198
e		4.7	6.59	11.29	
f		5.0	6.48	11.48	
g		5.7	6.34	12.04	
h		6.2	6.23	12.43	
k		6.7	6.12	12.82	
l		7.5	596	13.46	
m		8.0	588	13.88	
n		8.5	579	14.29	
o		9.1	562	14.72	
p		9.7	543	15.13?	

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1920phae.proj.1013L

Sequences Near N Pole

February 12, 1920

bcV

MC16628

Sc1 Sc2

Seq Y

	Sc1	Sc2	Cu	Magn	16627 − 16628	16626 − 16628
Reduced from Cu. MC16626 a	3.5 3.4		6.67	10.17	0	0
b	3.8 3.7	3.85	3.9 6.63	10.48	0	0
c			4.2 6.59	10.79	+1	
d			4.3 6.57	10.87	0	
e			4.7 6.51	11.11	0	
f			5.2 6.41	11.61	-2	
g			5.5 6.34	11.84	+2	
h			6.3 6.17	12.47	-1	
k			6.7 6.08	12.78	0	
l			7.3 5.95	13.25	+2	
m			8.0 5.82	13.82	0	
n			8.5 5.72	14.22	0	
o			9.0 5.59	14.59	+1	
p			7. .	.		

Copied 53,198

6−3/13

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Plot 3Y

Sequences Near N Pole

February 12, 1920

Sc 1

	Me 16628 Sc1	Sc2	Phe	16626 − 16629
8	1.5		6.63	0
9	2.1 2.0		6.73	0
10	2.4 2.3		6.62	−2
11	3.0 2.9		6.55	−2
12	3.3 3.2		6.56	−2
13	3.7 3.6		6.60	−1
14		4.0	6.65	0
15		4.5	6.58	−2
16		4.8	6.60	0
17		5.1	6.53	+2
18		5.9	6.16	0
19		6.3	6.12	−1
20		6.7	6.03	−2
21		6.9	6.06	0
22		7.1	6.09	+1
23		7.3	6.04	+2
24		7.7	5.94	0
25		8.0	5.87	0
26		8.5	5.83	0
27		9.0	5.69	+1
28		9.7	5.41	0
29				

6 − 12

21

−0.03

+0.01

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1920phae.proj.1013L

Sequences Near N Pole
February 13, 1920

ScY

Seq 7

Reduced from Me 16630

	Me 16628 Sc1	Sc2	Cu	Magn	16627 − 16628 / −628 / −16628
a	3.7 3.3 3.8		6.59	9.99	+2
b	3.7	3.85 3.9	6.60	10.45	0
c		4.0	6.60	10.60	+1
d		4.3	6.56	10.86	+1
e		4.7	6.50	11.20	+1
f		4.9	6.47	11.37	+1
g		5.5	6.35	11.85	+1
h		5.5	6.35	11.85	0
k		6.2	6.23	12.43	−1
l		6.7	6.16	12.86	−2
m		7.0	6.12	13.12	−2
n		7.2	6.08	13.28	0
o		8.0	5.94	13.94	+1
p		8.9	5.81	14.71	+1
q		9.5	5.65	15.15	(+2?)

Copied 53:101

9−5 / 14 +.03

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Sequences Near N Pole

February 12, 1920

Sc V

MC 16530

Sc 1 Sc 2

Seq J

Reduced from Cu. MC 16626

			Cu	Magn	
a	32 3.1		6.70	9.80	
b	34 3.3		6.68	10.08	
c	36 3.5		6.65	10.25	
d		4.1	6.60	10.70	Cofried 53:209
e		4.2	6.59	10.79	
f		4.5	6.54	11.04	
g		5.3	6.39	11.69	
h		5.5	6.34	11.84	
k		6.1	6.22	12.32	
l		6.7	6.08	12.78	
m		7.1	6.00	13.10	
n		7.3	5.95	13.25	
o		7.9	5.84	13.74	
p		8.1	5.80	13.90	

3 —

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DcV

Sequences Near N Pole

February 12, 1920

MC 16630 Pdo

Seq S

Reduced from MC 16628

	Sc 1	Sc 2	Cu	Magn
a	3.3 3.2		6.59	9.89
b	3.0 3.5		6.61	10.21
c	4.1 4.0	40° 5' 10	4.0 6.60	10.60
d			4.1 6.60	10.70
e			4.5 6.55	11.05
f			5.0 6.48	11.48
g			5.3 6.43	11.73
h			6.0 6.27	12.27
k			6.2 6.23	12.43
l			6.5 6.14	12.64
m			7.1 6.02	13.12
n			7.5 5.96	13.46
o			8.1 5.86	13.96
p			9.5 5.50	15.00

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Plot 37

Sequences Near N Pole

February 12, 1920

Sc V

	Me 16630 Sc1	Sc2	Diff	16628 −16630
8	1.8 1.7		6.43	−2
9	2.4 2.3		6.43	−3
10	2.4 2.3		6.62	0
11	3.0 2.9		6.55	0
12	3.3 3.2		6.56	0
13	3.6 3.5		6.70	+1
14	4.1 4.0	4.10	6.55	−1
15		4.5	6.58	0
16		4.9	6.50	−1
17		5.3	6.38	−2
18		6.0	6.06	−1
19		6.3	6.12	0
20		6.5	6.23	+2
21		6.8	6.16	+1
22		7.1	6.09	0
23		7.3	6.04	0
24		7.5	6.14	+2
25		8.0	5.87	0
26		8.5	5.83	0
27		8.9	5.79	+1
28		7.5	5.61	+2

9−10

00

Scale

+04

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Sequences Near N Pole

February 13, 1920

Sc V

MC 16631

Sc 1 Sc 2

Seq D

Reduced from Cu - MC 16626

		Cu	Magn		16630 − 16631
a	3.1 3.0	6.60	9.70		+2
b	3.4 3.3	6.97	10.07		+2
c	3.8	6.63	10.43		+2
d	4.1	6.60	10.70	Copied 53:207	0
e	4.4	6.55	10.95		+1
f	4.9	6.47	11.37		+1
g	5.3	6.38	11.68		0
h	5.9	6.24	12.14		+1
k	6.1	6.22	12.32		+1
l	6.3	6.17	12.47		+2
m	6.9	6.03	12.93		+2
n	7.3	5.95	13.25		+2
o	8.3	5.76	14.06		−2
p	9.3	5.52	14.82		+2

+18 −2

14

+0.11

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Sequences Near N Pole
February 12, 1920

ScV

S

Seq 7

MC 16631 Sc1 Sc2

Reduct from MC 16630

			Cu	Magn		16626 −16631	16630 −16631
	3.1						
a	3.0		6.55	9.55		+1	+1
	3.4						
b	3.3		6.59	9.99		0	0
	3.6						
c	3.5		6.60	10.20		0	0
d		4.0	6.60	10.60		+1	+1
e		4.1	6.58	10.68		+2	+1
f		4.5	6.54	11.04	Copied 53.209	+2	0
g		5.1	6.43	11.53		+1	+2
h		5.3	6.39	11.69		0	+2
k		6.0	6.26	12.26		+3	+1
l		6.7	6.17	12.87		0	0
m		7.0	6.12	13.12		+1	+1
n		7.5	6.04	13.54		0	−2
o		7.9	5.97	13.87		+1	0
p		8.3	5.90	14.20		0	−2

+12 / 14 = +0.09

9−4 / 14 = +0.04

Scale −0.04

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Plot 38

Sequences Near N Pole

February 12, 1920

dec V

	MC 16632 Pole		
	Sc 1	Sc 2	Diff
8	1.6 1.5		663
9	2.1 2.0		673
10	2.3 2.2		672
11	2.8 2.7		675
12	3.4 3.3		646
13	3.7 3.6		660
14	4.1 4.0	4.15	4.2 650
15			4.5 658
16			5.0 640
17			5.3 633
18			5.9 616
19			6.3 612
20			6.7 603
21			6.9 626
22			7.2 599
23			7.5 584
24			7.8 584 ~~607~~
25			8.1 577
26			8.7 563
27			9.2 549
			9.75 536
28			9.8 97

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Sequences Near N Pole

February 12, 1920

Sc V

Me 16632

Sc 1 Sc 2

Seq b

	Sc 1	Sc 2	Cu.	Magn	16627 − 16632	16628 − 16632
Reduce from Me 16630						
a	3.6 3.5		6.60	10.10	-1	-1
b	3.8 3.7	3.85	3.9 6.60	10.45	0	0
c			4.3 6.56	10.86	0	-1
d			4.3 6.56	10.86	0	0
e			4.7 6.50	11.10	0	0
f			5.1 643	11.53	+1	+1
g			5.7 632	12.02	0	-2
h			6.1 625	12.38	+1	+2
k			6.8 614	12.94	-1	-1
l			7.5 604	13.54	0	-2
m			8.0 595	13.95	0	0
n			8.7 581	14.51	-2	-2
o			9.2 569	14.89	-1	-2
p			7.			

Continued 53, 198

2-5 / 13 = -.02

3-11 / 13 = -.06

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10 ; 15

Sc V

Sequences Near N Pole

Plate 40

February 16, 1920

MC 16636 Pole (Plates of this Series specially marked)

	Sc 1	Sc 2	Mean	Diff	6636-638	6636-640	16636-642
8	1.8	1.60	1.60	663	+1	+4	+5 +3 4
9	2.3	1.920	2.10	673	0	+3	+5 +8 4
10	2.5	2.2	2.25	677	0	+3	+4
11	2.9	2.4	2.65	690	0	+2	+6
12	3.2	2.9	3.05	681	+1	+2	+3 4
13		3.5 3.2	3.35	695	-1	-1	+2 3
14		4.1 3.8	3.95	670	0	+2	+2 3
15		4.5 4.0	4.30	678	0	+1	+4
16		5.0 def	5.00	640	-1	+3	.
17		5.3 5.2	5.25	638	0	+3	+1
18		5.9 5.9	5.90	616	-1	+1	0
19		6.3 6.3	6.30	612	-2	0	0
20		6.7 6.7	6.70	603	-1	+2	0
21		7.0 7.1	7.05	591	-1	+2	-1
22		7.3 7.3	7.30	589	0	+2	0
23		7.5 7.8	7.60	574	0	0	-2
24		7.7 7.9a	7.80	584			-2
25		7.9 8.1	8.02	585	0	+1	-3 -6
26		8.3 8.40 8.0	8.70	563	-1	-1	-6
27		8.9 9.5	9.20	549	0	-1	-6
28		9.5 9.7 5	9.50	561	+2	0	-2
29		9.9	9.90	576	+1	0	.

MC 16636 and 16642 are very discordant in scale

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Sequences Near N Pole

February 16, 1920

ScV

Me 16636 cont

	Sc 1	Sc 2	Cw		
Seq V					
Reduced by a	3.5 3.4		664	10.14	
Me 16638 b	4.0 3.9 4.05 0.1	4.1	660	10.65	
c		4.3	655	10.85	
d		5.0	638	11.38	
e		5.2	632	11.52	
f		5.80 5.7	5.9 614	11.94	Copied 53:210
g		6.00 5.9	6.1 610	12.10	
h		6.5	597	12.47	
k		6.9	591	12.81	
l		7.2	588	13.08	
m		7.5	586	13.36	
n		7.8	584	13.64	
o		8.40 8.3	8.5 582	14.22	
p		9.5	582	15.32	

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Sequences Near N Pole

February 16, 1920

DeV

Seq B

Reduced by me 16636 + 42.

	me 16637 Sc 1	me 16637 Sc 2	Corrected Curve Cur	Mag	Corr. Magn
a	1.5 1.4		6.59	6.71e 7.99	7.71e
b	2.1 2.0		6.74	6.71 8.84	8.47
c	2.5 2.4		6.82	6.79 9.32	8.99
d	3.3 3.2		6.88	6.71 10.18	~~9.97~~ ~~10.07~~ 10.01
e	3.6 3.5		6.85	6.74 10.45	10.34
f	4.1 4.0	4.1	6.74	6.70 10.84	10.74 Corrected 80. 53.173
g		4.3	6.68	6.65 10.98	10.95
h		5.0	6.44	6.44 11.44	11.44
k		5.9	6.20	6.20 12.10	12.10
l		6.9 7.0	5.96 6.8	6.01 12.86	1291
m		7.2	5.90	5.95 13.10	13.15
n		7.5	5.83	5.89 13.33	1339
o		7.9	5.75	5.85 13.65	13.75
p		7.7	5.79	5.88 13.49	13.58

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Sequences Near N Pole

February 16, 1920

Sc V

Me 16638

Seq K

Reduced by Me 16636+42

	Sc 1	Sc 2	Cw	Corr. Curve	Magn	Corr Magn
a	3.2 3.1		6.88	6.70	10.08	9.80
b	3.4 3.3		6.87	6.72	10.27	10.12
c	3.8 3.7	3.85 01	3.9 6.82	6.73	10.67	10.58
d			4.2 6.70	6.69	10.90	10.82
e			4.1 6.74	6.70	10.84	10.80
f			4.6 6.57	6.56	11.17	11.16
g			4.8 6.51	6.47 6.50	11.31	11.30
h			5.3 6.36	6.36	11.66	11.66
k			5.7 6.24	6.26	11.94	11.96
l			6.5 6.05	6.08	12.55	12.58
m			6.9 5.96	6.00	12.86	12.90
n			7.5 5.84	5.89	13.34	13.39
o			8.0 5.73	5.83	13.73	13.83
p			8.9 5.58	5.72	14.48	14.62

Continued 53:200

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1920phae.proj.1013L

Sequences Near N Pole

ScV

January 16, 1920

	Me 16638 Sc1	Sc2 Diff	16636-638
8	18 1.7	6.43	+1
9	24 2.3	6.43	0
10	26 2.5	6.42	0
11	30 2.9	6.55	0
12	32 3.1	6.66	+1
13	36 3.5	6.70	-1
14		4.1 6.55	0
15		4.5 6.58	0
16		5.1 6.30	-1
17		5.3 6.33	0
18		6.0 6.06	-1
19		6.5 5.92	-2
20		6.8 5.93	-1
21		7.1 5.86	-1
22		7.3 5.89	0
23		7.5 5.84	0
25		8.0 5.87	-3
26		8.5 5.83	-1
27		8.9 5.79	0
28		9.3 5.81	+2
29		9.8 5.86	+1

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1920phae.proj.1013L

Sequences Near N Pole

February 16, 1920

Sc V

Seq B

Reduced by Me 16640

	Me 16638 Sc 1	Sc 2	Cu	Curve Magn	Cor. Magn
a	1.6 1.5		~~6.72~~	6.39 ~~8.32~~	7.99
b	2.1 2.0		6.68	6.47 8.78	8.57
c	~~2.6 2.5~~ ~~3.5~~	W.S	6.72	6.53 9.32	9.13
d	3.4 3.3		6.73	662 10.13	10.02
e	3.6 3.5		6.72	662 10.32	10.22
f		4.3	6.70	657 11.00	Cor 10.87
g		4.3	6.70	657 11.00	10.87 Corrected 53.173
h		5.1	6.55	6.47 11.65	11.57
k		6.1	6.28	6.22 12.38	12.32
l		6.8	6.10	6.10 12.90	12.90
m		7.1	6.04	6.03 13.14	13.13
n		7.5	5.97	5.97 13.47	13.47
o		8.0	5.87	5.89 13.87	13.89
p		7.5	5.97	5.80 97 13.47	13.47
k'		5.9	6.32	628 12.22	12.18

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1920phae.proj.1013L

Sequences Near N Ode

January 16, 1920

DeV

Me 16640

Seq V

Reduced by Me 16367 6486

	Sc 1	Cor Scale	Sc 2	Cor Cu	Cor Cu		Cor Mgn
	3.2				71	10.08	11
a	3.1	3.39		6.88	6.68	9.98	10.68
	3.6				3		51
b	3.5	3.78		6.85	6.71	10.45	10.48
	3.8				72		9
c	3.7	3.95		6.83	6.47	10.63	10.62
d		4.45	4.3	6.67	6.58 60	10.97	11.08 5
e		4.64	4.5	6.61	6.5 6	11.11	11.11 20
		03	595	618		12.13	
f		6.4	6.0	5.9	6.11		Corrected 12.20
		08					
g		6.16	6.0	6.15	6.16	12.15	12.24
h		6.56	6.5	6.05	6.08	12.55	12.64
i		6.94	6.9	5.97	6.00	12.87	12.94
l		7.14	7.1	5.92	5.98	13.02	13.12
m		7.52	7.5	5.83	5.89	13.33	13.41
n		7.90	7.9	5.75	5.85	13.65	13.75
o		8.48	8.5	5.64	5.78	14.14	14.26
p		9.63	9.7	5.64	5.65	15.34	15.28

Corrected 53:210

Cor. for Scale = $-0.04(R-8.00)$

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1920phae.proj.10131

Sequences Near N Pole

February 16, 1920

Sc 1

Inc 16640

Seq 5

Reduced by Inc 16638

	Sc 1	Con Scale	Sc 2	Cw		Magn	Con Magn
a	2.0 1.9	~~1.76~~ 2.24		.635			8.59
b	3.2 3.1	~~3.01~~ 3.39		6.60	6.62	9.80	10.01
c		~~4.54~~ 4.83	4.7	6.46	6.41	11.16	11.24
d		~~4.98~~ 5.22	5.1	6.34	6.30	11.44	11.52
e		5.30 5	5.40 5.5	6.26 5.3	6.22	11.65	11.72
f		5.40 6	5.5	6.23	6.20	11.73	11.80
g		~~6.12~~ 6.27	6.2	6.03	6.02	12.23	Corrected 12.29 53.181
h		6.37	6.3	6.02	6.00	12.32	12.37
k		6.75	6.7	5.93	5.92	12.63	12.67
l		7.23	7.2	5.88	5.88	13.08	13.11
m		7.90	7.9	5.84	5.84	13.74	13.74
n		8.19	8.20 8.1	5.83 8.3	5.83	14.03	14.02
o		8.48	8.5	5.81	5.81	14.31	14.29
p		8.86	8.9	5.80	5.80	14.70	14.66
l'		7.81	7.8	5.84	5.83	13.64	13.64
m'		8.77	8.8	5.80	5.80	14.60	14.59

Cor. for scale = -0.04 (R - 8.00)

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1920phae.proj.1013L

Sequences Near N Pole

February 16, 1920

δ Cr

	Me 16640 S.1	Me 16640 S.2	Pole	16638-640
8	1.5 1.4		6.73	+3
9	2.1 2.0		6.73	+3
10	2.4 2.3		6.62	+2
11	2.8 2.7		6.75	+2
12	3.1 3.0		6.76	+1 ~~+5~~
13	3.6 3.5		6.70	0
14		3.9	6.75	+2 ~~+8~~
15		4.4	6.68	+1
16		4.7	6.70	+4
17		5.0	6.63	+3
18		5.8	6.26	+2
19		6.3	6.12	+2
20		6.5	6.23	+3
21		6.8	6.16	+3
22		7.1	6.09	+2
23		7.5	5.84	0
25		7.9	5.97	+1
26		8.5	5.83	0
27		9.0	5.69	−1
28		9.5	5.61	−2
29		9.9	5.76	−1

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1920phae.proj.10131

Sequences Near N Pole

February 16, 1920

δ c V

Me 16640 Ste

Seq	S	Sc1	Cor for Scale		Cu	Cu corr	Magn	Cm. Magn.		16640 − 16641
Reduced by Me 16636	a	2.0	2.74		6.73	8.86	8.83	8.86	8.69	−1
	b	3.2	3.56		6.88	10.26	10.18	10.26	10.14	−1
	c		4.87	4.7	6.54	11.3	11.24	11.31	11.28	0
	d		5.33	5.2	6.39	6.38	11.59	11.65	11.62	−1
	e		5.60	5.5	6.30	6.28	11.80	11.81	11.83	+0
	f		5.60	5.5	6.30	6.27	11.80	11.81	11.83	0
	g		6.20	6.2	6.11	6.12	12.31	12.32		0
	h		6.53	6.5	6.06	6.08	12.56	12.66		−2
	k		6.81	6.8	5.99	6.01	12.79	12.82		−1
	l		7.28	7.3	5.89	5.93	13.19	13.21		−1
	l′		7.83	7.9	5.75	5.87	13.65	13.70		−1
	m		8.03	8.1	5.71	5.82	13.81	13.85		−2
	m′		8.58	8.7	5.60	5.77	14.30	14.35		+1
	n		8.21	8.3	5.68	5.80	13.98	14.01		−1
	o		8.41	8.5	5.64	5.79	14.14	14.19		0
	p		8.71	8.9	5.58	5.73	14.48	14.58		0

53, 181

1 − 10
16
−0.06

Correction for Scale = $-0.07 - 0.04 (R - 8.00)$

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1920phae.proj.1013L

Sequences Near N Pole

February 16, 1920

Plate 40

Sc V

MC 16642 Code

	Sc1	Sc2	Sc1	Sc2
8	1.3		1.4	1.6
9	1.8		1.9	2.0
10	1.9		2.0	2.2
11	2.3		2.3	2.5
12	2.7		2.8	3.0
13		3.2	3.1	3.8
14		3.5	3.7	3.9
15		3.9 4.0	4.1	4.1
16		4.5	def.	
17		5.0	5.2	
18		5.7	5.9	
19		6.3	6.3	
20		6.7	6.7	
21		7.1	7.1	
22		7.3 7.5	7.3	
23	W.S	7.7	7.7	
24		7.90 8.0	7.9	
25		7.8 ~~7.90~~	8.3	
26		8.9	9.0	
27		9.3	9.5	
28		9.8	9.7	
29				

Copied to 18

16640-642	Corrected Read −0.11(R−5.60)	MC 16636 (p.18)	Mean 16636 corr. 16640	Diff.
−1	1.95 2.04 +.86 −.05	1.9	1.97	6.26
0	2.40 2.49 2.21 −.09	2.4	2.47	6.39
+2	2.49 2.57 2.40 +.03	2.6	2.58	6.44
+3	2.84 2.75 +.16 +.24	3.0	2.92	6.63
+1	3.20 3.29 3.11 +.01 +.10	3.3	3.30	6.56
+3	3.47 3.55 −.05 +.03	3.5	3.52	6.78
0	4.09 4.10 +.01 +.10	4.1	4.10	6.55
+3	R 4.27 +.23	4.5	4.36 4.5	6.72
.	.	5.0	5.0	6.40
−2	5.24 +.06	5.3	5.27	6.36
−1	5.87 +.03	5.9	5.88	6.18
0	6.22 +.08	6.3	6.26	6.16
−2	6.58 +.12	6.7	6.64	6.09
−3	6.94 +.06	7.0	6.97	5.98
−2	7.11 +.19	7.3	7.20	5.99
−2	7.47 +.03	7.5	7.48	5.86
	7.65 +.05	7.7	7.68	5.96
−4	{7.65 7.80 −.10	7.95	7.98	5.85
−5	8.63 −.22	8.40	8.52	5.81
−5	9.07 −.17	8.9	8.98	5.71
		9.5	9.5	5.61
		9.9	9.9	5.76

$\frac{148-54}{19}$ $\frac{106-77}{19}$

+.05 +.02

±.10 ±.10

$\frac{120-54}{18}$ or $\frac{83-77}{18}$

+.04 .00

±.10 ±0.09

Correction to MC16642 = −0.11(Reading − 4.6) = −0.26 − 0.11(R − 8.0)

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1926phao.proj.16136

Sequences Near N Pole

February 16, 1920

Sc V

Seq K

Reduced by Mc 16642

	Sc 1	Corr for Scale	Sc 2	Cu	Corr curve	Magn	Corr Magn
a	2.6 2.5	2.93 ~~3.15~~		6.72	6.58	9.32	9.51
b	2.9 2.8	3.20		6.74	6.61	9.64	9.81
c	3.4 3.3	3.65		6.73	6.61	10.13	10.26 ~~9.98~~
d	3.8 3.7	3.97 4.06	3.8	6.72 4.0	6.59	10.59	10.65
e		4.58	4.0	6.72	6.58	10.72	10.76
f		4.80	4.7	6.65	6.51	11.35	11.31 Corrected 53.200
g		5.07	5.0	6.59	6.48	11.59	11.55
h		5.24	5.2	6.53	6.42	11.73	11.66
k		5.69	5.7	6.38	6.33	12.08	12.02
l		6.23	6.3	6.22	6.20	12.52	12.43
m		6.58	6.7	6.13	6.14	12.83	12.72
n		7.30	7.5	5.97	6.00	13.47	13.30
o		~~7.74~~ ~~8.10~~	8.0	5.88	~~5.88~~ 5.92	13.88	~~13.88~~ 13.66
p		8.63	9.0	5.71	5.78	14.71	14.41

11.25

Correction = −0.26 − 0.11 (R − 8.0)

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1920phae.proj.1013L

Plate 45

11-15

Dcy

Sequences Near N Pole

February 17, 1920

Me 16626 Sc 1 Me 16632 Sc 2 Mean Diff 53.87

Seq B

For reducing E-16627, D 16628 V-16630 & W 16631

a	3.5		3.5	3.55	6.80	+1
b	3.9	4.00	4.0	4.0	4.00	6.79	0
c			4.5	4.7	4.60	6.73	-2
d			4.7	4.8	4.75	6.60	-1
e			5.5	5.5	5.50	6.39	0
f			5.7	5.5	5.60	6.47	+2
g			6.1	6.3	6.20	6.27	-2
h			7.3	7.1	7.20	6.02	+2
k			7.7	7.5	7.60	5.82	+2
l			8.0	8.0	8.00	5.79	0
m			8.7	8.7	8.70	5.62	0
n			7	7			

16626 − 16632

7 − 5

11 +02

2-4/5-04

Me 16627

Seq E

			Cu	Magn	Cu	Magn
a	3.6	3.40 3.3	From wrong curve		6.87	10.27
b		4.0	6.62		10.62	6.77	10.77
c	3.1	3.2					
d		4.3	6.56		10.86	6.71	11.01
e		4.8	6.45		11.25	6.60	11.40
f		5.3	6.34		11.64	6.50	11.80
g		6.0	6.19		12.19	6.33	12.33
h		6.3	6.12		12.42	6.26	12.56
k		7.1	5.91		13.01	6.04	13.14
l		6.9	5.96		12.86	6.10	13.00
m		7.9	5.68		13.58	5.82	13.72
n		8.5	5.57		14.07	5.64	14.14
o		9.0	5.51		14.51	5.53	14.53
p		9.3	5.48		14.78	5.45	14.75

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1920phae..proj.10131

Sequences Near N Pole
February 17, 1920

bcV

Seq A

	Me 16628 Sc 1	Sc 2	Cu		Cu	Magn
	3.2					
a	3.1				6.90	10.10
	3.6					
b	3.5				6.84	10.44
c			4.5	6.52	11.02 6.67	11.17
d			4.8	6.45	11.25 6.60	11.40
e			5.3	6.34	11.64 6.50	11.80
f			5.7	6.25	11.95 6.41	12.11
g			6.1	6.17	12.27 6.31	12.41
h			6.7	6.02	12.72 6.15	12.85
k			7.5	5.79	13.29 5.92	13.42
l			7.9	5.68	13.58 5.82	13.72
m			8.3	5.60	13.90 5.71	14.01
n			8.7	5.54	14.24 5.60	14.30
o			9.1	5.50	14.60 5.51	14.61

Mag

Diam curve

Curve

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Seq B

Pl 6148

For reducing M 16630

	3.6		Diff 53.87	
a	3.5		6.75	
	4.1			
b	4.0	4.10	4.1	6.69
c			4.7	6.63
d			4.9	6.45
e			5.7	6.19
f			5.8	6.27
g			6.2	6.27
h			7.2	6.02
K			7.7	5.72
l			8.0	5.79
m			8.7	5.62
n			9.0	.

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Sequences Near N Pole
February 17, 1920

From Corrected Curve Plot 45
Copied 53.97

Scy V

MC 16628

Scy E

	Sc 1	Sc 2	Cu	Magn	Cu	Magn
	35					
a	3.4		.	.	6.82	10.32
b		3.9	6.64	10.54	6.84	10.74
c		3.1	.	.	.	.
d		4.3	6.54	10.84	6.84	11.14
e		4.9	6.43	11.33	6.80	11.70
f		5.3	6.34	11.64	6.73	12.03
g		5.9	6.21	12.11	6.52	12.42
h		6.3	6.10	12.40	6.34	12.64
k		7.0	5.93	12.93	6.03	13.03
l		7.0	5.93	12.93	6.03	13.03
m		7.7	5.74	13.44	5.82	13.52
n		8.3	5.60	13.90	5.66	13.96
o		8.9	5.50	14.40	5.54	14.44
p		9.1	5.49	14.59	5.50	14.60

Reduced from B16630/p35

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1920phae.proj.10131

Sequences Near N Pole Plt 45

February 17, 1920

Set

Seq V

Reduced on B 16626

	MC 16630 Sc 1	MC 16630 Sc 2		
	3.4			
a	3.3		6.87	10.27
b		3.9	6.80	10.70
c		4.1	6.75	10.85
d		4.9	6.58	11.48
e		5.3	6.50	11.80
f		5.8	6.36	12.16
g		6.0	6.33	12.33
h		6.3	6.26	12.56
k		6.8	6.12	12.92
l		7.1	6.04	13.14
m		7.7	5.85	13.55
n		8.0	5.79	13.79
o		8.3	5.70	14.00
		9.60		
p		9.5	9.7	.

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1920phae.proj.1013L

Sequences Near N Pole

February 17, 1920

dcV

Seq U

Bon 16628

Mean

Edge

MC 16630

May, 1920

	Sc 1	Sc 2	Cu.	Magn
a	3.35 3.0 3.7		6.78 e	10.13 e
b	3.8 3.7	3.80 ∞	3.8 6.72	10.52
c			4.0 6.69	10.69
d			4.3 6.62	10.92
e			5.3 6.41	11.71
f			5.5 6.36	11.86
g			5.7 6.32	12.02
h			6.2 6.20	12.40
k			6.7 6.08	12.78
l			6.9 6.04	12.94
m			7.2 5.96	13.16
n			7.5 5.88	13.38
o			8.2 5.72	13.92
p			9.3 5.48	14.78

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1920phae..proj..1013L

Sequences Near N Pole
February 17, 1920

D & V

Me 16630

	Seq B	Sc 1	Sc 2	Diff		Diff - BS3187		16628 − 16630
		3.6						
a		3.5				6.75		0
b			3.9	6.64	10.54	6.89		+2
c			4.5	6.52	11.02	6.83		+2
d			4.5	6.52	11.02	6.85		(+4)
e			5.7	6.25	11.95	6.19		0
f			5.8	6.23	12.03	6.27		0
g			6.1	6.17	12.27	6.37		+1
h			7.3	5.85	13.15	5.92		−1
k			7.8	5.70	13.50	5.62		−1
l			8.0	5.65	13.65	5.79		0
m			8.5	5.57	14.07	5.82		+2
n			9.1	5.50	14.50			−1

For reducing E − 16628

4-3/11 +04 Scale +.02

Me 16631

	Seq N		Sc 1	Sc 2	Diff		Diff - BS3187	
			3.3					
a			3.2					
b				3.7	6.68	10.38	6.88 → 6.83	10.18 → 10.53
c				3.7	6.68	10.38	6.83	10.53
d				4.4	6.57	10.82	6.72	10.82
e				4.7	6.47	11.17	6.63	11.33
f				5.1	6.39	11.49	6.54	11.64
g				5.5	6.30	11.80	6.46	11.96
h				6.2	6.14	12.34	6.28	12.48
k				6.5	6.07	12.57	6.20	12.70
l				6.8	5.99	12.79	6.12	12.92
m				7.3	5.85	13.15	5.98	13.28
n				7.5	5.79	13.29	5.92	13.42
o				8.1	5.64	13.74	5.76	1386
p				9.2	5.49	14.69	5.47	14.67

Near edge

Cu Magn Cu Magn

Continued 53:208

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1920phae.proj.1013L

Sequences Near N Pole

February 17, 1920

Sc V

Seq B

	Wells 32 Sc 1	Sc 2
a	3.5 3.4	
b		4.0
c		4.7
d		4.8
e		5.5
f		5.5
g		6.3
h		7.1
k		7.5
l		8.0
m		8.7
n		7.?

Copied p 30

1.20

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1920phae.proj.1013L

Plot 46

10-10

Sc V

Sequences Near N Pole

February 20, 1920

Seq N

For reducing
Hs - 16627, K-16628
2 - 16630 & R-16631

		MC 16626 Sc 1	MC 16632 Sc 2 Ju 43	Mean	Diff	May 8 1920	16626 - 16632
					B53:135	53:134	
a		3.9	3.9 0	3.90	6.55		0
b		4.5	4.4 -1	4.45	6.64		+1
c		4.9	5.0 +1	4.95	6.47		-1
d		5.7	5.7 0	5.70	6.22		0
e		6.2	6.3 +1	6.25	6.14		-1
f		6.5	6.7 +2	6.60	6.09		-2
g		7.1	7.2 +1	7.15	5.87	5.92	-1
h		7.7	7.7 0	7.70	5.71	5.73	0
k		8.0	7.9 -1	7.95	5.68	5.71	-1
k'	w.s	7.9 8.1	8.3 +4	8.10	.	5.74	+1
l		8.3	8.1 -2	8.20	5.89	5.84	
m		9.0	8.9 -1	8.95	5.48	5.67	
n		9.3	9.3 0	9.30	5.48	5.66	
o		7	.	.	.		

8-4/8 +05 9-5/13 +03

Seq M

	MC 16627	Cu	Magn		Scale & May 8, 1920	Magn
a	3.2 3.1	.	.		6.63 e	9.83 e
b	3.6 3.5	.	.		6.61 e	10.21 e
c	4.7	6.59	10.79	Corrected 53:109		10.74
d	4.5	6.52	11.12			11.09
e	5.0	6.40	11.40			11.35
f	5.3	6.35	11.65			11.63
g	5.7	6.25	11.95			11.94
h	6.1	6.17	12.27			12.27
k	6.5	6.08	12.58			12.58
l	6.8	5.99	12.79			12.80
m	8.9	9.1	14.53		5.68	14.68
n						

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Sequences Near N Pole

February 20, 1920

Dec V

Seq K

Reduced from 16626

		Mc 16628 Sc 1	Sc 2	Cu.	
		3.1			
a	3.0			6.63 e	9.73 e
	3.4				
b	3.3			6.62 e	10.02 e
	3.6				
c	3.5			6.61 e	10.21 e
d		4.1	6.60		10.70
e		4.3	6.56		10.86
f		4.5	6.52		11.02
g		4.9	6.43		11.33
h		5.2	6.37		11.57
k		5.7	6.25		11.95
l		6.2	6.14		12.34
		6.60	6.04		
m		6.5	6.7		12.64
n		7.1	5.91		13.01
o		8.0	5.66		13.66
p	Too close to be obj				

Corrected 63.200

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Plot 46

Sequences Near N Pole

February 20, 1920

Sc V

	Sc 1	Sc 2				
Seq N						
		395		Diff 53.135	53.134	
a		4.0	3.9	6.50	6.50	
b		4.5		6.59	6.58	
c		5.1		6.32	6.26	
d		5.9		6.02	5.95	
e		6.3		6.09	6.07	
f		6.7		5.99	6.03	
g		7.1		5.92	5.97	
h		7.7		5.71	5.73	
k		7.9		5.73	5.76	
l		8.3		5.79	5.84	
m		9.0		5.43	5.62	
n		9.5		5.28	5.46	
o		8.1		,		
k'	w.s	7.8			5.74	

For reducing R-16630

Seq H						
	3.2		Cu	Magn	Curve	Magn
a	3.1		,		6.58 e	9.78 6.58 e
b	3.6 3.5		,		6.57	10.17 e 6.57
c		4.0	6.54	10.54		10.49
d		4.5	6.49	10.99	Cepheid	10.94
e		5.0	6.41	11.41		11.36
f		5.3	6.34	11.64		11.62 5.109
g		5.5	6.31	11.81		1180
h		6.0	6.20	12.20		12.20
K		6.5	6.10	12.60		12.60
l		6.9	6.02	12.92		12.93
m		9.3	48 5.50	78? 14.80	5.68	14.98?
n		n.s	,	,		

Reduced from N-16630

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1920phae.proj.1013L

Sequences Near N Cole

January 20, 1920

DeV

Inc 11h30

Seq		Sc 1	Sc 2	Cu (May, 1920)	Magn	
	a	3.5 3.4		6.12 e	9.62 e	
n m 16626 632	b		3.8	6.66	10.46	
	c		4.1	6.61	10.71	
	d		4.5	6.52	11.02	
	e		5.0	6.40	11.40	Copied 53.205
	f		5.2	6.37	11.57	
	g		5.5	6.30	11.80	
	h		6.0	6.19	12.19	
	k		6.8	6.00	12.80	
	l		7.0	5.93	12.93	
	m		7.5	5.79	13.29	
	n		7.9	74 569	64 13.59	
	o		8.1	72 5.64	82 13.74	
	p		8.7	68 5.55	38 14.25	
	q		9.2	68 5.49	88 14.69	

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1920phae.proj.1013L

Sequences Near N Cole

February 20, 1920

Dec V

MC 16630 May, 1920

Seq R	Sc 1	Sc 2	Cu	Magn
Reduced from N-MC 16628	3.4			
a	3.3		6.53 e	9.93 e
b		3.9	6.60	10.50
c		4.1	6.55	10.65
d		4.3	6.50	10.80
e		5.0	6.32	11.32
f		5.1	6.29	11.39
g		5.5	6.21	11.71
h		6.1	6.09	12.19
k		6.5	6.01	12.51
l		6.9	5.93	12.83
m		7.20 7.3	5.86 7.1	13.06
n		7.5	86 5.81	13.36 13.31
o		8.0 9.20	78 5.69 5.38 57	13.78 13.69 14.77
p		9.1	9.3	14.58

Copied 53:145

Seq N		Diff 53:135	53:134	16628 − 16630
For reducing * on 16628				
a	4.0	6.48		0
b	4.5	6.59		0
c	5.0	6.42		+1
d	5.8	6.12		+1
e	6.1	6.29		+2
f	6.7	5.99		0
g	7.0	6.02	6.07	+1
h	7.5	591	5.93	+2
k	7.8	5.83	5.86	+1
k'	8.0	.	5.84	+1
l	8.3	5.79	584	0
m	8.9	563	5.72	+1
n	9.3	548	5.66	+2 12/13 +0.99

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Sequences Near N Pole

February 20, 1920

DeV

May. 1920

Day	R	Sc 1	Sc 2	Cu	Magn
		38			
	a	3.2		6.63 e	9.93 e
N on 16626, 16632	b	38 3.7		6.66	10.46
	c		4.0	6.62	10.62
	d		4.3	6.55	10.85
	e		5.1	6.39	11.49
	f		5.1	6.39	11.49
	g		5.5	6.30	11.80
	h		6.0	6.19	12.19
	k		6.7	6.02	12.72
	l		6.9	5.96	12.86
	m		7.3	5.84	13.14
	n		7.5	5.78	13.28
	o		8.1	72 5.64	13.82 13.74
	p		9.5?	68 5.46	15.18? 14.96
	q				

Cophiid 53.145

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1920phae.proj.1013L

Sequences Near N Pole

February 20, 1920

Dec 1

Seq N

	Mrc 16632 Sc1	Sc2
a	4.0 3.9	
b		4.4
c		5.0
d		5.7
e		6.3
f		6.7
g		7.2
h		7.7
k		7.9
l		8.1
m		8.9
n		9.3
o		7
K'		8.3

Copied to 37

12; 35

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9-30

Dc V

Sequences Near N Cde

February 21, 1920

(Specially marked)

Seq Y

	Mc 16112 Sc 1	Sc 2	Cu.	Magn
a	24 2.3		.	.
a'	2.0		.	.
b		3.9	.	.
b'		4.3	.	.
c		4.7	.	.
e		5.9	5.18	11.08
f		6.5 640	5.00	11.40
g		6.5	4.98	11.48
h		7.1	4.78	11.88
k		7.3	4.72	12.02
l		7.5	4.65	12.15
m		7.1	4.78	11.88
n		7.9	4.52	12.42
o		8.7	4.20	12.90
p		9.1	4.02	13.12
q		9.7	3.73	13.43

Captured 53.177

Seq N → Mc 16113 Diff 53.135

a	5.0	5.45
b	5.9	5.19
c	6.5	4.92
d	7.2	4.72
e	7.9	4.49
f	8.2	4.49
g	8.9	4.12
h	9.8?	3.61

9.45

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10

Sequences Near N Pole

Dec.

February 21, 1920

MC 16002 (Specially marked)
Sc1 Sc2

Seq			Cu	Magn
	a	3.1 3.0	.	.
	a'	2.6 2.5	.	.
	b	4.5 4.4 4.3	.	.
	f'	5.1	.	.
	c	5.7	.	.
	e	7.5	3.80	11.30
	f	8.1	3.56	11.66
	g	8.3	3.50	11.80
	h	8.7	3.38	12.08
	k	9.5	3.18	12.68 ?
	l	9.0	3.31	12.31
	m	8.7	3.38	12.08
	n	9.5	3.18	12.68

Images very hazy and hard to find

Copied 53:177

Seq N MC 16003 Diff 53:135

a	6.2	4.28
b	7.1	3.99
c	7.8	3.62
d	8.5	3.42
e	9.1	3.29
f	9.5?	3.19
g	7	

10:30

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10-20

Sequences Near N Ode

February 24, 1920

Dec V

	Ine 16412 Sc 1 Sc 2		mc 16415 Ode	Mean	Diff.
8	2.2 2.6 2.75 2.6 2.5		2.2	2.20	6.03
9	2.9 2.8		2.8	2.78	6.05
10	2.8 2.7		3.0	2.90	6.12
11	3.2 3.1		3.4	3.30	6.25
12	3.6 3.5		3.7	3.65	6.21
13	4.1 4.0 4.10	4.1	4.2	4.15	6.15
14		4.5	4.7	4.60	6.05
15		5.1	5.2	5.15	5.93
16		5.5	5.7	5.60	5.80
17		6.1 +1	6.2	6.15	5.48
18		6.8 0	6.8	6.80	5.26
19		7.2 -1	7.1	7.15	5.27
20		7.7 -3	7.40	7.55	5.18
21		8.0 -1	7.9	7.95	5.01
22		8.2 -1	8.1	8.15	5.04
23		8.5 -2	8.3	8.40	4.94
24		8.8 -3	8.5	8.65	4.99
25		9.5 9.40 9.3	9.1	9.25	4.62
26		?			
27					
28					

$\frac{1-11}{8} = -12$

So many defects on plate - ft plus uncertainty

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Plot 43

Sequences Near N Pole

February 24, 1920

(Specially marked)

Dec V

Seq B

MC 16413

Dec 1 Dec 2

			Cu	Magn
a	22.2	2.1	5.98	8.18
b	25 2.4		6.04	8.54
c	3.4 3.3		6.20	9.60
d		3.9	6.18	10.08
e		4.6	6.06	10.66
f		5.1	5.92	11.02
g		5.3	5.88	11.18
h		6.2	5.53	11.73
k		7.3	5.21	12.51
k'		6.8	5.33	12.13
l		7.8	5.09	12.89
m		8.0	5.04	13.04
n		8.5	4.94	13.44
o		9.0	4.83	13.83
p		9.2	4.80	14.00

Copied 53.173

Plate covered with defects.

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Sequences Near N Ble

February 24, 1920

Dec

M 16414 (Specially marked)

Dec S

			Cu	Magn
a	1.3 1.2		.	
b		3.9	6.18	10.08
c		5.7	5.73	11.43
d		6.1	5.58	11.68
e		6.3	5.50	11.80
f		6.5	5.42	11.92
g		7.1	5.27	12.37
h		7.40 7.3	5.19 7.5	12.59
K		7.7	5.11	12.81
l		7.9	5.06	12.96
m		8.9	4.85	13.75
n		9.3	4.78	14.08
o		9.7	.	.

Copied 53,181

Plate free of defects

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Plot 43

Sequences Near N Pole

January 24, 1920

DcV

Mc 16415 Pole

	Seq 1	Seq 2
8	2.2 2.1	
9	2.8 2.7	
10	3.0 2.9	
11	3.4 3.3	
12		3.7
13		4.2
14		4.7
15		5.2
16		5.7
17		6.2
18		6.8
19		7.1
20		7.40 7.3 7.5
21		7.9
22		8.1
23		8.3
24		8.5
25		9.1
26		?

Copied to 46

Seq 1 very defective -

11 05

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12:10
DcV

Sequences Near N Pole

January 24, 1920

	Me 16568 Sc1		Me 16573 Pos	Mean	Diff
8	18 1.7		1.3	1.55	670
9	23 2.2		2.2	2.25	6.58
10	25 2.4		2.4	2.45	6.57
11	30 2.9		2.8	2.90	6.65
12	34 3.3		3.3	3.35	6.51
13	38 3.7	3.75 01	3.7	3.65 3.70	6.60
14		4.0	3.9	3.95	670
15		4.5	4.3	4.40	668
16		4.9	4.7	4.80	6.60
17		5.3	5.1	5.20	643
18	-2	6.0	5.8	5.90	616
19	-1	6.3	6.2	6.25	617
20	-2	6.7	6.5	6.60	6.13
21	+1	6.9	7.0	6.95	601
22	+2	7.1	7.3	7.20	5.99
23	0	7.5	7.5	7.50	5.84
24	-1	7.8	7.7	7.75	589
25	-1	8.1	8.0	8.05	582
26	-1	8.5	8.4	8.45	588
27	-1	9.0	8.9	8.95	574
28		9.5	9.3	9.40	571
29		9.9	9.8	9.85	581

$\frac{3-\frac{7}{9}}{9} = .04$

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Sequences Near N Pole

February 24, 1920

Sc V

M C 16569

Sc 1 Sc 7

Seq		Cu	Magn
	1.4		
a	1.3	.	.
	2.3		
b	2.2	6.52	8.82
	2.5		
c	2.4	6.54	9.04
	2.6		
d	2.5	6.55	9.15
	2.9		
e	2.8	6.57	9.47
	3.3		
f	3.2	6.61	9.91
	3.1		
g	3.0	6.59	9.69
	3.6	3.707-1	
h	3.5	3.8 6.63	10.43
k		4.3 6.62	10.92
l		5.0 6.47	11.47
m		5.5 6.37	11.87
n		6.1 6.23	12.33
o		6.5 6.13	12.63
p		6.8 6.05	12.85
q		7.0 6.00	13.00
r		7.0 6.00	13.00
s		7.5 5.92	13.42
t		7.9 5.87	13.77
u		7.8 5.88	13.68
w		8.3 5.82	14.12
x		8.7 5.79	14.49

Cotried 53.169

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Sequences Near N Pole

February 24, 1920

Dec

M.P. 16572

Sec1 Sec2

Day

		Cu	Magn	
a	1.9 1.8	6.65	8.55	
b	3.1 3.0	6.60	9.70	
b	3.4 3.3	6.61	10.01	
c	3.6 3.5	6.62	10.22	
e		4.5 6.58	11.08	
f		4.9 6.50	11.40	Copied 53.177
g		5.0 647	11.47	
h		5.3 641	11.71	
k		5.7 6.32	12.02	
l		5.9 6.28	12.18	
m		5.6 6.34	11.94	
n		6.0 625	12.25	
o		6.3 618	12.48	
p		7.1 6.00	13.10	
q		7.5 5.92	13.42	
		8.10 ± 1 5.84		
r		8.0 82	13.94	
a'				
~~b~~		14.	.	

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1920phae.proj.1013L

Sequences Near N Pole

February 24, 1920

DcV

MC 16573 Pole

	Seq 1	Seq 2
8	1.3 1.2	
9	2.2 2.1	
10	2.4 2.3	
11	2.8 2.7	
12	3.3 3.2	
13	3.6 3.5	3.65 01 3.7
14		3.9
15		4.3
16		4.7
17		5.1
18		5.8
19		6.2
20		6.5
21		7.0
22		7.3
23		7.5
24		7.7
25		8.0
26		8.4
27		8.9
28		9.3
29		9.8

Continued to 50

1:30

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1920phae.proj.10131

54

10-15

Sc V

Sequences Near N Pole

February 25 1920

MC 16637

Sc 1 Sc 2

No correction for Scale of Plate

Seq. H

Reduce with Seq. G on MC 16638 p.55

	Sc 1	Sc 2	Cu.	Magn	Scale 7 May, 1920
a	3.9 3.8	3.90	3.9	6.56	10.46 ✓
b			4.3	6.58	10.88 ✓
c			4.5	6.56	11.06 ✓
d			4.7	6.54	11.24 ✓
e			5.1	6.49	11.59 ✓
f			5.3	6.45	11.75 ✓
			5.80	6.37	
g			5.9	5.7	12.17 ✓
h			5.9	6.35	12.25 ✓
k			6.3	6.29	12.59 ✓
l			6.7	6.21	6.25 12.91 12.95
m			6.9	6.17	6.20 13.07 13.10
n			7.1	6.12	6.19 13.22 13.29
o			7.7	5.98	6.12 13.68 13.82
			8.60	5.72	
p			8.5	8.7	6.05 14.32 14.65
q			9.7	5.37	6.08 15.07 15.78

Continued 53.101

Seq. I

Reduce with Seq. N on MC 16638 p.56

	Sc 1	Sc 2	Cu	Magn	May, 1920 Cu	Magn
a	3.1 3.0		.	.	No correction for Scale of Plate.	
b	3.6 3.5		.	.		
c	3.6 3.5		.	.		
d	4.0 3.9	4.00	4.0	6.59	10.59	6.53 10.53
e			4.2	6.55	10.75	6.50 10.70
f			4.5	6.50	11.00	6.45 10.95
g			5.0	6.39	11.39	635 11.35
h			5.5	6.28	11.78	6.24 11.74
			5.10	6.14		
k			6.2	6.0	12.24	6.12 12.12
l			6.9	596	12.86	5.97 12.87
m			7.1	5.93	13.03	5.94 13.04
n			7.4	5.92	13 32	5.92 13.32
o			7.9	590	13.80	5.91 13.87
p			8.7	5.84	14.54	6.07 14.77

Continued 53.125

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1920phot.proj..10131

Plat 48

Sequences Near N Pole

February 25, 1920

bcV

ME 16638 — No correction for scale of Plate

	Sc 1	Sc 2		Diff 53:107	53:106 (mag 1920)
Seq B					
a	3.6 3.5			6.49	6.53
b	3.9 3.8 3.9 5.0		4.0	6.53	6.53
c			4.2	6.72	6.71
d			4.4	6.64	6.60
e			4.7	6.54	6.54
f			5.1	6.46	6.51
g			5.7	6.34	6.34
h			6.1 6.0	6.30 6.2	6.29
k			6.5	6.34	6.40
l			7.3	6.06	6.11
m			8.1	5.80	5.92
n			8.5	5.86	6.11
o			9.3	5.45	6.14
p			9.7	5.45	6.08

For reducing L-16637, W, 16648

Seq H

					mag 1920 cu	mag cu
a	3.1 3.0				6.58 e	9.68 e
b	3.9 3.8 3.9 0		3.9	6.99	10.89	6.78 10.68
c			4.2	6.92	11.12	6.80 11.00
d			4.5	6.84	11.34	6.76 Copied 11.26
e			5.1	6.68	11.78	6.60 11.70 53:109 ✓
f			5.3	6.62	11.92	6.53 11.83
g			5.5	6.56	12.06	6.49 11.99
h			6.0	6.43	12.43	6.38 12.38
k			6.5	6.30	12.80	6.24 12.74
l			6.8	6.20	13.00	6.18 12.98
m			7.5	6.00	13.50	6.00 13.50
n			?			
¢						
h						

Reduce with Seq. B on ME 16640 page 57

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Sequences Near N Pole

February 25, 1920

Sc V

MC 16638 (cont.)

Sc 1 Sc 2

No correction for scale of Plate

May, 1920 Plate 48

Seq N

For reducing L-16637, W16640

Diff 53.135 53.134

	Sc 1	Sc 2	
a	4.0	6.45	6.45
b	4.5	6.59	6.58
c	5.0	6.42	6.36
d	5.7	6.22	6.15
e	6.1	6.29	6.27
	6.80	5.89	
f	6.9	6.7	5.93
g	7.1	5.92	5.97
h	7.5	5.91	5.93
			5.96
k	7.7	5.93	~~6.16~~
l	8.2	5.89	5.94
			6.12
m	8.5	5.93	~~5.64~~
	8.80	5.98	6.16
n	8.7	8.9	~~5.82~~
o	9.8?	5.20	5.74

Seq L

Reduce with L on 16640 Seq. page 58

May, 1920 Plate 49

		Cu		Cu	
a	3.1 3.0	6.75	9.85	6.48	9.58
b	3.4 3.3	6.80	10.20	6.54	9.94
c	3.6 3.5	6.81	10.41	6.60	10.20
d	3.9	6.81	10.71	6.57	10.57
e	4.3	6.78	11.08	6.67	10.97
f	4.5	6.72	11.22	6.60	11.10
g	4.9	6.64	11.54	653	11.43
h	5.5	6.51	12.01	6.38	11.88
k	6.1	6.35	12.45	6.27	12.37
l	6.7	6.20	1290	6.14	1284
m	7.1	6.08	13.18	6.06	13.16
n	7.5	5.98	13.48	5.99	13.49
	7.9	5.84			
o	8.0	7.8	13.74	5.92	13.82
p	8.3	5.70	14.00	5.84	14.14

"Corrected" 53.125

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Sequences Near N Pole

February 25 1920

May 1920

Der

Me 16640

Seq W

Reduce with Seq. of 16638 pp 55 f. 55

	Sc 1	Corr Red.	Sc 2	Cu	Magn	Cu	Magn
a	3.0 2.9	3.20		.	.	6.53 e g	8.73 e
b	3.5 3.4	3.68		6.53	10.03	6.55	10.23
c	3.6 3.5	3.78		6.54	10.14	6.56	10.34
d	4.2 4.1	4.25 4.40	4.3	6.58	10.83	6.58	10.98
e		4.74	4.6	6.55	11.15	6.54	11.28
f		5.60	5.5	6.42	11.92	6.40	12.00
g		5.60	5.5	6.42	11.92	6.40	12.00
h		6.27	6.2	6.31	12.51	6.30	12.57
k		6.56	6.5	6.25	12.75	6.27	12.83
l		6.94	6.9	6.17	13.07	6.20	13.14
m		7.33	7.3	6.07	13.37	6.18	13.51
n		7.71	7.7	5.98	13.68	6.12	13.83
o		8.10	8.1	5.88	13.98	6.09	14.19
p		8.96	9.0	5.60	14.60	6.05	15.01

Copied 53:212

Seq B

For reducing Fe-16638 + M, 16641

			Diff	53:87	53,86
a	3.6 3.5	3.78		6.75	6.53
b	3.8 3.7	3.97		6.99	681
c		4.45	4.3	7.03	684
d		4.35	4.2	7.15	6.92
e		5.41	5.3	6.59	6.51
f		5.60	5.5	6.57	6.44
g		6.18	6.1	6.37	6.24
h		7.04	7.0	6.22	6.13
k		7.52	7.5	5.92	5.96
l		8.00	8.0	5.79	583
m		8.48	8.5	5.82	5.96
n			7.		

Correction for scale of plate is $-0.04(R - 8.00)$

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Sequences Near N Ophi

January 25, 1920

Set

Seq U

Reduce with Seq. N on 16638 p. 56

M.C. 16640 (cont.)

May 1920

	Sc 1	Corr Reading (Sup. 57)	Sc 2	Cu	Magn	Cu	magn
a	3.1 3.0	3.30		.	.	.	.
b	3.6 3.5	3.78		.	.	6.56 e	10.34 e
c	3.6 3.5	3.78		.	.	6.56 e	10.34 e
d	4.1 4.0	4.10 4.26	4.1	6.57	10.67	6.43	10.75
e		4.54	4.4	6.50	10.90	6.45	10.99
f		5.12	5.0	6.39	11.39	6.42 (6.33)	11.45
g		5.60	5.5	6.28	11.78	6.21	11.81
h		5.89	5.8	6.21	12.01	6.14 Cafmed	12.03
k		6.66	6.6	6.02	12.62	6.00	12.66 53:208
l		7.23	7.2	5.93	13.13	5.92	13.15
m		7.42	7.40 7.5	5.92 7.3	13.32	5.92	13.34
n		7.62	7.60 7.5	5.91 7.7	13.51	5.95	13.57
o		8.38	8.40 8.5	5.92 8.3	14.32	6.00	14.38
p		9.63?	9.7?	5.94	15.64?	6.20 e	15.83?

Seq V

For reducing L, 16638, W. 16641

			Diff 53:155	53:154
a	3.0 2.9	3.20	6.70	6.54
b	3.3 3.2	3.49	6.73	6.49
c	3.5 3.4	3.68	6.84	6.68
d		4.16 4.0	6.59	6.42
e		4.06 3.9	6.94	6.70
f		4.35 4.2	6.94	6.77
g		5.02 4.9	6.62	6.47
h		5.32 5.1	6.61	6.38
k		6.08 6.0	6.20	6.12
l		6.37 6.3	6.32	6.38
m		6.85 6.7	6.22	6.19
n		7.33 7.3	6.02	5.99 6.02
o		7.71 7.7	6.00	6.00
p		8.48 8.5	5.56	5.60

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Sequences Near N Pole

February 25, 1920

Dec V

Seq W

Reduce with Seq. B on me 16640 page 57

me 16641

	Sc1	Cor. Read		Sc2			May 1920 Curv	Magn
	2.9							
a	2.8	3.03					6.53 e	9.56 e
	3.6						23	44
b	3.5	3.71		7.04	10.64		6.~~56~~	10.~~27~~
	3.6						7.23	44
c	3.5	3.71		7.04	10.64		6.56	10.27
d		4.38	4.3	6.89	11.19		6.~~58~~ 59	12.17
e		4.76	4.7	6.78	11.48		6.~~55~~ 57	12.46
f		5.34	5.3	6.62	11.92		6.~~77~~ 63	11.87
g		5.72	5.7	6.51	12.21		6.43 5.93 6.39	12.15
h		6.30	6.3	6.35	12.65		5.83 6.28 6.30	12.58
k		6.49	6.5	6.30	12.80		6.28 3	12.72
l		6.97	7.0	6.14	13.14		6.21 13	13.10
m		7.26	7.3	6.05	13.35		6.~~18~~ 05	13.31
n		7.45	7.5	6.00	13.50		6.~~74~~ 00	13.45
o		8.12	8.2	5.79	13.99		6.~~09~~ 5.92	14.04
p		8.89	9.0	5.55	14.55		6.~~06~~ 5.80 e	14.69 e

Obtained 53.212

Correction for Scale of Plate is −0.07 − 0.04 (R − 8.0)

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Sequence Near N Pole

February 25, 1920

Dec

Day 11

Reduce with Eq. 7 on 16640 page 58

	Me 16641 Sc 1 Cor Read		Cu	Magn	May 20 1920 Cu	Magn
a	30 2.9 3.13		6.73	9.73	6.82	9.65
b	36 3.5 3.71		6.81	10.41	6.62	10.33
c	36 3.5 3.71		6.81	10.41	6.62	10.33
d	4.19	4.1	6.80	10.90	6.67	10.86
e	4.57	4.5	6.74	11.24	6.60 Copied	11.17
f	4.95	4.9	6.63	11.53	6.51	11.46 53.208
g	5.63	5.6	6.49	12.09	6.36	11.99
h	6.01 ~~5.99~~	6.0	6.37	12.37	6.28	12.29
k	6.49	6.5	6.25	12.75	6.14	12.68
l	7.07	7.1	6.08	13.18	6.07	13.14
m	7.26	7.3	6.02	13.32	6.03	13.29
n	7.64	7.7	5.91	13.61	5.97	13.61
o	8.41	8.5	5.62	14.12	5.82	14.23
p	9.37	9.5	5.24	14.74	E	E

1'.05

Corr. for scale of plate is $-0.07-0.04(R-8.0)$

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10-20

Dec V

Sequences Near N Pole

February 26, 1920

Deg α

	Me 16570 Sc 1	Sc 2	Cu.	Magn	
a	2.0 1.9	1.6 1.5 1.80	6.55	8.35	
b	2.6 2.5		6.54	9.14	
c	2.6 2.5		6.54	9.14	
d	2.8 2.7		653	9.33	
e	3.1 3.0		6.52	9.62	
f	3.3 3.2		6.51	9.81	
g	3.2 3.1		6.52	9.72	
h	3.9 3.8	3.95	4.0 6.48	10.43	Co-ried 53.169
k			4.4 643	10.83	
l			5.0 6.37	11.37	
m			5.7 6.30	12.00	
n			5.9 6.29	12.19	
o			6.1 6.27	12.37	
p			6.7 6.20	12.90	
q			6.9 6.18	13.08	
r			6.8 6.19	1299	
s			7.5 6.06	13.56	
t			7.5 6.06	13.56	
u			7.7 6.02	13.72	
w			8.1 5.92	14.02	
x			8.7 5.82	14.52	

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Sequences Near N Pole

February 26, 1920

Del

	Mc 16570 Sc1	Sc2	Diff
8	1.7 1.6		6.53
9	2.2 2.1		6.63
10	2.5 2.4		6.52
11	3.1 3.0		6.45
12	3.4 3.3		6.46
13	3.7 3.6	3.75	3.8 6.55
14			4.2 6.45
15			4.7 6.38
16			5.0 6.40
17			5.3 6.33
18			5.9 6.16
19			6.1 6.32
20			6.5 6.23
21			6.7 6.26
22			7.0 6.19
23			7.2 6.14
24			7.5 6.14
25			7.9 5.97
26			8.5 5.83
27			8.9 5.79
28			9.3 5.81
29			9.8 5.86

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1920phae.proj.10131

Sequence Near N Pole
February 26, 1920

dcV

	Sc1	Sc2	Diff
8	OH 7d		.
9	" "		.
10	2.4 2.3		6.62
11	2.9 2.8		6.65
12	3.3 3.2		6.56
13	3.6 3.5		6.70
14	4.0 3.9 4.05	4.0	665
15		4.5	6.58
16		4.9	6.50
17		5.2	643
18		5.8	626
19		6.1	632
20		6.7	6.03
21		7.0	596
22		7.1	609
23		7.3	604
24		7.5	614
25		8.0	587
26		8.5	583
27		8.9	579
28		9.3	581
29		9.8	586

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1920phae.proj.1013L

Sequence Near N Orle

January 26, 1920

Sc V

MC 16571

	Sc 1	Sc 2	Cu	Magn
Deep				
a	2.1 2.0		.	.
b	3.0 2.9		6.64	9.64
c	3.5 3.4		664	10.14
~~d~~				
e		4.5	6.56	11.06
f		5.0	648	11.48
g		5.0	648	11.48
h		5.5	6.39	11.89
k		5.7	635	12.05
l		6.0	6.29	12.29
m		5.7	635	12.05
n		6.2	626	12.46
o		6.5	620	12.70
p		7.0	6.10	13.10
q		7.2	606	13.26
r		7.8	5.93	13.73
b'	3.2		6.64	9.84

Copied 53.177

11.30

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Sequences Near N Pole

February 26, 1920

Dec 12 — W.C. 16414

Deg W

Sc 1 Sc 2

May, 1920

		Cu	Magn	Cu	Magn
	a	3.8	.	6.18	9.98
	b	4.3	5.97	10.27	6.02	10.32
	c	4.3	5.97	10.27	6.02	10.32
	d	5.1	5.71	10.81	5.74	10.84
	e	5.5	5.61	11.11	5.61	11.11
	f	6.5	5.44	11.94	5.51	12.01
	g	7.0	5.41	12.41	5.46	12.46
	h	7.5	5.36	12.86	5.40	12.90
	k	7.7	5.34	13.04	5.38	13.08
	l	8.0	5.28	13.28	5.30	13.30
	m	8.3	5.20	13.50	5.31	13.54
	n	8.7	5.04	13.74	5.34	13.84
	o	9.0	4.93	13.93	5.38	14.08
	p	9.9?	4.52	14.42?	4.82	14.72?

Dec 16415

Images Near

Continued 53.212

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1920phae.proj.1013L

1 Plot 50

Sequences Near N Pole

February 26, 1920

Dec

Inc 16 4 18
Sc1 Sc2

Day 27

For reducing W 16414

		Diff 53;107	53:106
a	4.0	6.09	6.13
b	4.4	608	6.08
c	5.3	5.62	5.61
d	5.3	5.74	5.80
e	5.5	574	5.74
f	6.1	546	5.51
	6.60	5.44	
g	6.5	6.7	5.44
h	6.9	5.50	5.49
k	7.5	5.34	5.40
l	8.0	5.36	5.41
m	9.0	4.90	5.02
n	9.8	45.6	4.81
o	7	.	

12:50

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1920phae.proj.10131

1:40

dcV

Sequences Near N Pole

February 26, 1920

May, 1920

		MC 15998 Sc 1	Sc 2	Cu	Magn	
Seq R	a		4.8	5.12 e	9.92	
B on 16000	b		5.9	4.65	10.55	
Images	c		6.7	4.25	10.95	Copied 53.193
near	d		7.0	4.10	11.10	
Near	e		7.90 8.0	3.93	11.83	
edge	f		8.5	3.59	12.09	
	g		7	.	.	
Seq K						
Reduced from MC 16000 Seq N	a		4.9	4.62 e	9.52 e	
Near	b		5.1	4.59 e	9.69 e	
edge	c		5.7	4.51	10.21	
Images	d		6.1	4.41	10.51	
near	e		6.2	4.38	10.58	Copied 53.200
	f		6.9	4.21	11.11	
	g		7.2	4.10	11.30	
	h	near def.		.	.	
	k		8.7	3.50	12.20	
	l		9.1	3.34	12.44	

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Plot 50

Sequence Near N Pole

February 26, 1920

Sc V

Me 16000

	Sc 1	Sc 2	
Day B			Diff 53:87
a		5.3	505
b		6.5	429
c		7.2	413
d		7.5	385
e		8.3	359
f		8.5	357
g		8.7	377
h		n.s	

For reducing D on 15998 + H on 16003 E

Day N

Diff Plot 45
B 53:135

a	6.0	445
f	6.9	419
c	7.3	412
d	8.3	3.62
e	9.0	3.39
f	n.s	

For reducing K on 15998 and H on 16003

Me 16003

Day E

B on 16000

			Cu	Magn	
		5.1			
a	w.s 5.5 560		5.10	10.20	
b	5.5	5.7	482	10.42	
c	5.1		5.10	10.20	Copied 53:97
d	w.s 7.1 6.8		405	11.15	
e	7.8		375	11.55	
f	8.1		369	11.79	
g	8.8		353	1233	
h	7				

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Sequences Near N Pole

February 26, 1920

Dec V

MC 16003

Sec 1 Sec 2

May 1920

Dep H				
N on 16000	a	45.5	~~4.67~~ 4.67	9.17
	b	Off pl		
	c	" "		
	d	" "		
On edge of plate	e	7.7	3.92	11.62
	f	8.0 8.40	3.78	11.78
	g	8.3 8.5	3.62	12.02
	h	9.0	3.39	12.39

Copied 53.109

2120

Preceding three plates very poor!

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1920phae.proj.1013L

70

10-40

ScV

Sequences Near N Pole

January 27, 1920

ME 16166

Sc1. Sc2

May 1920

Seq K

		Cu	Magn	Cu	Magn
Reduced from ME16111	a	4.1 5.52	9.62		
	b	4.5 5.46	9.96		
	c	5.2 5.36	10.56		
	d	5.5 5.34	10.84	Cofried 53:200	
	e	5.5 5.34	10.84		
	f	6.1 5.20	11.30		
	g	6.5 5.06	11.56		
	h	6.9 4.92	11.82		
	k	7.5 4.65	12.15		
	l	8.2 4.44	12.64		
	m	8.9 4.05	12.95	4.12	13.02
	n	n.s.	.		n.s.

Seq N

PLA 54 May, 1920

~~Diff~~ 53:135 53:134

For reducing	a	5.2	5.25	5.25
SME16111	b	6.1 6.60	4.99	4.98
	c	6.5 6.7	4.82	4.76
	d	7.2	4.72	4.65
	e	7.5	4.89	4.87
	f	8.7	3.99	4.03
	g	9.1	3.92	3.97
	h	n.s.	.	-

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Sequences Near N Pole

February 27, 1920

δ Cr

Sc 1 Sc 2

Seq W

For 16111

		Cw	Magn	
a	4.2	5.50	9.70	
b	4.5	5.46	9.96	
c	4.9	5.41	10.31	
d	6.0	5.22	11.22	Confined 53:212
e	6.2	5.16	11.36	
f	7.3	4.74	12.04	
g	7.5	4.65	12.15	
h	7.8	4.52	12.32	
k	8.1	4.40	12.50	
l	9.1	3.99	13.09	
m	7	.	0	

Seq J

For reducing Kon 16106 O " 16112

		Drill		may 1920
		BS 3:155		53,154
a	4.2	5.50		
b	4.4	5.63		
c	5.0	5.34		
d	5.3	5.29		
e	5.5	5.34		
f	5.9	5.24		
g	6.3	5.22		
h	6.7	5.01	5.01	
k	ws ~~7.3~~ 7.7	4.50	4.52	
l	8.3	4.32	4.40	
m	9.0	4.02	3.98	
n	9.5	3.82	3.85	
o	9.7	4.00	4.01	

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Sequences Near N Pole

February 27, 1920

Sc V

Nov 16 III

	Sc 1	Sc 2	(N) Cw	Magn
Seq b			May 1920	
a	4.3		5.24e	9.54e
b	4.7		5.23e	9.93e
c	5.5	5.14		10.64
d	5.8	5.09		10.89
e	6.2	5.00		11.20
f	6.5	4.93		11.43
g	6.8	4.86		11.66
h	7.3	4.72		12.02
k	7.5	4.68		12.15
l	8.0	4.45		12.45
m	8.7	4.09	4.16	12.86
n	9.7	?	3.80e	13.56

Nov 16106 Phot 58

Capricd 53.207

Seq a

a	5.2	
b	5.5	
c	5.8	5.7
d	6.1	
e	6.5	
f	7.2	
g	7.7	
h	8.2	
k	9.7?	
l	n.s	

Reject See Shut 20

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Sequences Near N Pole

February 27, 1920

Plot 50

Dec

Mc 16112

	Sc 1	Sc 2	Diff 53:155	53,154
Seq J for reducing M on 16111				May 1920
a	4.0	5.70		
b	4.1	5.93		
c	4.7	5.64		
d	4.9	5.69		
e	5.3	5.54		
f	5.8	5.34		
g	Sup.			
h	6.9	4.81	481	481 v
k	7.7	4.50	452	452 1222
l	8.80	3.82	390	390 12v
	8.9	8.7		
m	9.1	3.92	388	3.88
n	9.5	3.82	385	3.85
o	n.s.			

Sup on edge of plate.

Seq O

	Cw	Magn		
for 16111				av magn
a	3.9	5.54	9.44	
b	4.5	5.46	9.96	
c	4.9	5.41	10.31	
d	5.1	5.38	10.48	Coptic 53.137 v
e	5.7	5.30	11.00	
f	5.9	5.25	11.15	
g	6.1	5.20	11.30	
h	6.3	5.14	11.44	
k	6.7	5.00	11.70	
l	7.7	4.57	12.27	
	8.00	4.44		
m	7.9	8.1	12.44	
n	8.7	4.13	12.83	4.18 12.88
	9.60	3.85		
o	9.5	9.7	13.45	3.92 13.52

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74

Sequences Near N Pole

February 27, 1920

Sc V

Me 16112 May, 1920

Sc1 Sc2

Seq b

Bon 16113

Peth 50

		Cu	Magn
a	4.1	590 e	10.00 e
b	4.3	5.84 e	10.14 e
c	5.3	5.54	10.84
d	5.5	5.45	10.95
e	6.3	5.12	11.42
f	6.5	5.04	11.54
g	6.7	4.95	11.65
h	7.2	4.76	11.96
k	7.7	4.60	12.30
l	8.1	4.48	12.58
m	8.5	4.36	12.86
n	9.5	4.08	13.58

Copied 53:207 ✓

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Sequences Near N Orb

February 27, 1920

Sc V

	Sc 1	Sc 2	Diff	May 1920
Deg B			53.87	53.86
For reducing	a	4.5	5.85	5.81
Sou 16112	b	5.1	5.69	5.68
	c	6.2	5.13	5.14
	d	6.1	5.25	5.17
	e	7.3	4.59	4.62
	f	7.3	4.77	4.74
	g	7.8	4.67	4.62
	h	9.0	4.22	4.17
	k		7.	

12; 45

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YELLOW

Plot 57

Sequences Near N Pole

February 28, 1920

deV 11-25

	MC 16619 Sq1	Sq2	Pole	MC16625 p82	Mean	Diff.
8	2.6 2.5			2.8	2.70	5.29
9	3.6 3.5			3.6	3.60	5.08
10	3.9 3.8 3.90	0 0 3.9		4.0	3.95	4.90
11		4.9 5.40		5.1	5.00	4.36
12		5.3 5.5		5.3	5.35	4.18
13		6.1		6.3	6.20	3.88
14		6.5		6.7	6.60	3.64
15		7.1 7.80 11		7.2	7.15	3.51
16		7.9 7.7		7.8	7.80	3.17
17		8.0		8.0	8.00	3.10
18		8.9		9.0	8.95	2.67
19		9.3		9.5	9.40	2.56
20		9.5		.	9.50	2.74
21		9.8?		.	9.80?	2.53

Seq V

Copied Ab 53; 213

			cu	magn
a	4.7		4.53	9.23
b	6.0		3.86	9.86
c	4.9		4.44	9.34
d	7.8		3.20	11.00
e	5.5		4.12	9.62
f	8.0		3.15	11.15
g	7.2		3.36	10.56
h	8.9		2.94	11.84
k	9.1		2.90	12.00
l	9.5 9.60 9.7		2.80e	12.40e
m	7		.	7

Reduced from MC 16621 Pg. 78

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YELLOW

Sequences Near N Pole

February 28, 1920

Dec V

MC 16620

Seq N		Sec 1	Sec 2	Cu.	Magn	Copied B 53, 196
	a		5.5	4.12	9.62	
	b		6.0	3.91	9.91	
	c		7.1	3.46	10.56	
	d		7.3	3.38	10.68	
	e		7.5	3.29	10.79	
	f		7.7	3.21	10.91	
	g		8.0	3.08	11.08	
	h		8.9	2.77	11.67	
	k		9.1	2.70	11.80	
	l		9.8°	2.47	12.27°	
	m		9.8°	2.47	12.27°	

Seq A

Reduced from J Pg 78 MC16621

			Cu.	magn.	Copied B 53, 201
	a	5.0	4.40	9.40	
	b	6.1	3.81	9.91	
	c	6.1	3.81	9.91	
	d	6.5	3.60	10.10	
	e	7.0	3.43	10.43	
	f	7.5	3.27	10.77	
	g	8.0	3.14	11.14	
	h	8.3	3.07	11.37	
	k	9.1	2.90	12.00	
	l	9.5	2.83e	12.33e	
	m	ns			

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78

YELLOW

Sequences Near N Pole

Sc V

February 28, 1920

MC 16621

Sc 1 Sc 2

Seq N

		Cu.	Magn	
a		5.3	4.20	9.50
b		6.2	3.82	10.02
c		6.7	3.62	10.32
d	w w	8.8	3.17	10.97
e		9.0	2.73	11.73
f		9.3	2.64	11.94
g		n.s.	.	.

Copied 53; 197

Seq L

			cu	Magn	
a	w s	4.5 ~~4.9~~	.	.	Copied Bk 53; 195
b		5.5	4.26	9.76	
c		4.8 4.65 4.5	.	.	
d		6.0	4.03	10.03	
e		6.7 6.60 6.5	3.74	10.34	
f		6.9	3.60	10.50	
g		7.5	3.35	10.85	
h		8.1	3.11	11.21	
k		9.0	2.82 e	11.82 e	

Reduced from Y on M 16623 p. 79

Seq V

Diff Bk 53; 206 Plot 65

for reducing V on 16619, 2 " 16620, W " 16623

a		4.4	4.80	
b	3.3 3.2	~~3.2~~	5.06	
c		5.9	3.92	
d		6.0	4.08	
e		5.3	4.22	
f		6.8	3.43	
g		7.5	3.32	
h		7.3	3.26	
k		8.9	2.95	m 9.0 .
l		9.1	.	

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YELLOW

Dec V

examined 6

Sequences Near N Pole

February 28, 1920

Mc 16623

Sc1 Sc2

Seq B

		Cu	Magn
a	6.0	3.91	9.91
b	6,7	3.62	10,32
c	7,5	3.29	10,79
d	6.1	3.87	9.97
e	8.0	3.08	11.08
f	8.2	3.01	11.21
	860	2.87	
g	8.5	8.7	11.47
h	9.8	2.47	12.27
k	9.8?	2.47	1227?

Copied 53:186

Seq G

Diff Bk 53;191 17 to 65

a	5.3	4.45
b	6.1	4.10
c	6.9	3.56
d	5.7	4.08
e	5.2	4.44
f	6.4	3.91
g	8.0	3.14
h	8.1	3.48
k	9.5	.
l	9.8?	.

For reducing
Mc
Lan 16621 to 78
D " 16624 - 81
K " 16625 - 82

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YELLOW

Sequence Near N Pole

7 January 28, 1920

Seq V

Me 16623
Sc 1 Sc 2

Seq W

			cu	magn. Copied Pb 53, 21H
Reduced with	a	5.1	4.33	9.43
Jon Mc 16621 Pg 78	b	4.2	4.77	8.97
	c	5.2	4.27	9.47
	d	7.1	3.38	10.48
	e	6.3	3.70	10.00
	f	8.9	2.95	11.85
	g	8.0	3.14	11.14
	h	9.0	2.92	11.92
	k	near def.	.	.
	l	ns	.	.
	m	9.5-?	283e	1233e ?

Red
G

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YELLOW

Sequences Near N Pole
February 28, 1920

DcY

mc 16624
Sc1 Sc2

Seq A

		Cu.	Magn
			Copied 53.185
a	6.3 6.40 65	3.74	10.14
b	6.7	3.62	10.32
c	7.3	3.38	10.68
d	7.5	3.29	10.79
e	7.9	3.12	11.02
f	8.2	3.01	11.21
g	8.0 7.90 7.8	3.12	11.02
h	9.8?	2.47	12.27?
k	ns	.	.

Seq B

		Cu	Magn
			Copied Bk.53.188
a	3.8	.	.
b	4.0	.	.
c	7.5	3.35	10.85
d	7.0	3.56	10.56
e	6.9	3.62	10.52
f	7.0	3.56	10.56
g	9.5	2.67e	12.17e
h	9.8?	2.60?e	12.40e?

Reduced from
mc 16623
Gn Cy.79

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1920phae.proj.1013L

YELLOW

Sequences Near N Pole

February 28, 1920

Sc V

Mc 166725 Pole

	Seq P Sc 1	Sc 2
8	2.8 2.7	
9	3.6 3.5	
10		4.0
11		5.1
12		5.3 Copied to 76.
13		6.3
14		6.7
15		7.2
16		7.8
17		8.0
18		9.0
19		9.5

Seq K

Reduced from Mc 166723 Ls. Pg 79

		Cu.	mag. Copied Bb53; 194
a	5.1	4.45	9.55
b	5.4	4.32	9.72
c	6.2	3.93	10.13
d	6.7	3.68	10.38
e	6.9	3.61	10.51
f	5.9	4.07	9.97
g	7.3	3.43	10.73
h	7.5	3.35	10.85
k	9.0	2.82 e	11.82 e
l	9.2	2.76 e	11.96 e
m	9.5	2.67 e	12.17 e
n	9.8	2.60 e	12.40 e

1 : 30

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YELLOW
11-30
DcV

Sequences Near N Pole

March 3, 1920

Mc 16619

Seq G

	Sc 1	Sc 2	copied from Pg 89 Mc 16625	mean	Diff Bk 53; 191 Plot 66
For reducing	a	5.5	5.3	5.40	4.35
Lon Mc 16620 Pg 84	b	6.2	6.3	6.25	3.95
K " " 16621	c	6.8	6.9	6.85	3.61
J " " 16623	d	5.5 5.60	5.7 5.5	5.55	4.23
C " " 16624	e	w.s ~~5.7~~ 5.3 5.30	5.3+	5.2	5.25 4.39
	f	6.5	6.5	6.50	3.88
	g	7.8	8.1	7.95	3.19
	h	8.0	8.0	8.00	3.58
	k	9.7	9.7	9.70	.
	l	n.s	.	.	

Seq B

Copied 53; 186

	Cu	magn
a	6.1 3.96	10.06
b	6.5 3.79	10.29
c	7.3 3.46	10.76
d	6.2 3.92	10.12
e	8.1 3.13	11.23
f	8.1 3.13	11.23
g	8.5 2.99	11.49
h	9.8 2.62	12.42?
k	9.8 2.62	12.42

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Sequences Near N Pole

March 3, 1920

Sc V

Seq b

		MC 16620 Sc 1	Sc 2	cu	magn.
Reduced with Gen Mcat 619 Pg 83 16625 - 89	a		4.7	.	.
	b		5.1	4.44	9.54
	c		4.7	.	.
	d		6.1	3.96	10.06
	e		6.8	3.65	10.45
	f		7.1	3.53	10.63
	g		7.8	3.26	11.06
	h		~~8.0~~ 8.0	3.19	11.19
	K		8.8	2.96 e	11.76 e

Copied 53; 195

Seq N

			cu	magn.
	a	5.0	4.43	9.43
	b	6.1	3.97	10.07
	c	6.5	3.79	10.29
	d	7.5 7.7 7.60	3.32	10.92
	e	8.3 8.1 8.20	3.09	11.29
	f	8.5 9.0 8.75	2.90	11.65
	g	n.s.	.	.
	h	n.s.	.	.

Copied 53; 197

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YELLOW

Sequences Near N Pole

March 3, 1920

Dec V

Mc 16621

	Seq K	Sc 1	Sc 2	cc	magn.	
Reduced with	a		4.9	4.52 e	9.42 e	Copied 53;194
9 on Mc 16619 16625	b		5.1 5.65	4.44	9.54	
	c		5.5 5.8	4.14	9.79	
	d		6.0	4.02	10.02	
	e		6.5	3.79	10.29	
	f		5.3	4.34	9.64	
	g		6.5	3.78	10.28	
	h		6.8	3.65	10.45	
	k		8.7	2.98 e	11.68 ε	
	l	defective			9	
	m	n.s			n.s	
	n	n.s			n.s	

Seq O			cc.	cc.	magn.	
Reduced with	a	5.8	3.96	3.96	9.76	Copied 53;199
7 on Mc 16623 & 87	b	5.0	4.74	4.31	9.31	
	c	5.4	4.56	4.14	9.54	
	d	6.5	4.10	3.61	10.11	
	e	7.5	3.52 6	3.16	10.66	
	f	7.0	3.85	3.36	10.36	
	g	7.5	3.62	3.16	10.66	
	h	7.9	3.40	3.03	10.93	
	k	8.1	3.33	~~3.33~~ 2.99	11.09	
	l	8.9	3.04 3	2.83	11.73	
	m	9.1	2.98	2.80	11.90	
	n	7.7	2.86	~~2.86~~ 2.75 e	12.45 ε	
	o	9.5	2.90	2.96 e 7	12.26 ε	

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YELLOW

Plot 57

Sequences Near N Pole

March 3, 1920

S. V

MC 16621 Pole

	Seq 1	Seq 2	Diff
8	3.0 2.9		4.99
9		3.8	4.88
10		4.0	4.85
11		4.7	4.66
12		5.2	4.33
13		6.2	3.88
14		6.5	3.74
15		6.9	3.76
16		7.5	3.47
17		7.9	3.20
18		8.7	2.92
19		9.2	2.76
20		9.5	2.74
21		9.7	2.63

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YELLOW

Sequences Near N Pole

March 3, 1920

Scy

Mc 16623

Sc 1 Sc 2

Seq D

Copied 53, 188

		cu.	magn.
a	4.0	.	.
b	4.3	.	.
c	7.3	3.44	10.74
d	6.9	3.60	10.50
e	7.0	3.57	10.57
f	7.2	3.49	10.69
g	9.0 9.05 9.1	288 e	11.932
h	ns	ns.	

Reduced with
1 on Mc 16619 p 83
" " 16625; 89

Seq A

Copied 53, 185

		cu	magn
a	6.1	3.97	10.07
b	6.7	3.70	10.40
c	7.1	3.54	10.64
d	7.5	3.40	10.90
e	7.8	3.25	11.05
f	8.5 8.40 8.3	3.01	11.41
g	8.2	3.09	11.29

Seq Z

Div B No 53, 206 Pl 2-66

for reducing
0 on Mc 16621
7 " " 16624
2 " " 16625

		assume Sc. 1		
a	5.0 4.85 4.7		4.35	
b	3.4 3.3		4.96 4.06	
c	5.9		3.92	
d	6.2		3.88	
e	5.3		4.22	
f	7.0		3.23	
g	7.8		3.02	
h	7.3		3.26	
k	9.0		2.85	
l	ns		.	
m	9.0		.	

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YELLOW

Ser

Sequences Near N Pole

March 3, 1920

MC 16624

Ser 1 Ser 2

Seq b

			cu.	magn. (Copied 53; 187)
Reduced with-	a	4.0	.	.
Seq on MC 16619 16625	b	6.3	3.86	10.16
	c	5.2	4.38	9.58
	d	6.0	4.01	10.01
	e	7.7	3.29	10.99
	f	8.0	3.19	11.19
	g	6.7	3.70	10.40
	h	7.5 7.60 7.7	3.33	10.93
	k	n.s		n.s

Seq V

			cu.	magn. (Copied 53; 213)
	a	4.9	.35 4.77	9.25
Reduced with Seq	b	6.3	3.71 ~~4.17~~	10.01
on MC 16623 p87	c	~~4.9~~	4.35	9.25
	d	7.5	3.16 ~~3.61~~	10.66
	e	5.5	4.10	9.60
	f	8.5 8.40 8.3	2.93	11.33
	g	7.7	3.10	10.80
	h	n.s	.	n.s
	k	9.1	2.80	11.90
	l	9.8?	2.74e	12.54? e
	m	n.s	.	n.s

Red

See Pg 8

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YELLOW

Sequences Near N Pole

March 3, 1920

Sc V

MC 16625

Seq H

	Sc 1	Sc 2
		5.3
a	w.s	~~6.0~~
b		6.3
c		6.9
d		5.5
e		5.2
f		6.5
g		8.1
h		8.0
k		9.7

Copied Pg. 83.

Seq Q

Reduced with Sec Ton MC16623 Pg 87

	x		cu	magn.
a	5.1	5.3 (5.20)	4.22	9.42
b	6.3		3.70	10.00
c	6.5	6.3 (6.40)	3.66	10.06
d	7.0		3.36	10.36
e	7.7		3.10	10.80
f	8.2		2.97	11.17
g	8.7		2.86	11.56
h	9.2	9.0 (9.10)	2.80	11.90
k	9.7?		2.75 e	12.45 ? e
l	n.s.			n.s.

Copied 53; 201

2; 00

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1920phae.proj.1013L

YELLOW

11;35

Sc V

Sequences Near N Pole

March 4, 1920

Plot 66

		Mc 16619 Sc 1	Sc 2	copied Pg 96 mc 16625	Mean	Diff. Bk 53; 206
Seq I	a		5.0	5.0	5.00	4.20
	b	3.4 3.3		3.4	3.40	4.96
	c		6.0	5.9	5.95	3.87
Mean diff.	d		6.2	6.3	6.25	3.83
	e		5.3	5.3	5.30	4.22
For reducing seq. On Mc 16620 2 " " 16624 V " " 16623 W " " 16625	f		6.7	6.9	6.80	3.43
	g		7.5	7.7	7.60	3.22
	h		7.1	7.2	7.15	3.41
	k		8.7	8.8	8.85	3.00
	l		9.3?	hs.	9.30?	.
	m		9.0	8.9	8.95	.
Seq II				cm	Magn.	
Reduced with G on Mc 16621 p 92	a		3.9	.	.	
	b		4.1	.	.	
	c		7.5	3.37	10.87	
	d		7.0	3.58	10.58	
	e		7.0	3.58	10.58	
	f		7.1	3.54	10.64	
	g		8.8	3.04 e	11.54 e	
	h		9.7	2.78 e	12.48 e	
	k		9.5	2.83 e	12.33 e	

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Sequences Near N Pole

March 4, 1920

Dec V

MC 16620

	Sc 1	Sc 2	cu.	magn.	
Seq O					
a	5.5	5.7 (5.60)	4.0H	9.6H	Copied 53;199
b	5.3		4.16	9.46	
c	5.3		4.16	9.46	
d	6.5		3.6H	10.1H	
e	7.5		3.30	10.80	
f	7.1		3.H2	10.52	
g	7.3		3.35	10.65	
h	7.7		3.2H	10.9H	
k	8.0		3.17	11.17	
l	8.5		3.06	11.56	
m	9.0		2.99	11.99	
n	9.8		2.86e	12.66 e	
o	9.8	9.7 (9.75)	2.87e	12.62 e	

Red. with mean Sequ. Jon mc 16619,25 fr 90,96

Seq K					
			cu.	magn.	
a	4.9		4.6H	9.54	Copied 53;19H
b	5.5		4.34	9.8H	
c	5.7		4.23	9.93	
d	6.1		4.01	10.11	
e	6.5		3.80	10.30	
f	5.3		4.4H	9.7H	
g	6.5		3.80	10.30	
h	6.9		3.62	10.52	
k	8.5		3.04e	11.54e	
l	8.7		3.00e	11.70 e	
m	9.0		2.92e	11.92 e	
n	7			7	

Reduced with Jon mc 16621 fr. 92

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Sequences Near N Pole

March 4, 1920

Scl

Mc 16621

Seq # Q		Sc1	Sc2	cu	magn
Reduced with	a		5.1	4.25	9.35 Copied 53;201.
Jon mc 16619, 25	b		6.2	3.78	9.98
p 90, 96	c		6.5	3.65	10.15
	d		7.0	3.46	10.46
	e		7.5	3.30	10.80
	f		8.1	3.14	11.24
	g		8.5	3.06	11.56
	h		9.1	2.97	12.07
	k		9.5 9.60 9.7	2.91 e	12.51 e
	l		n.s	-	n.s.

Seq D

Bk 53; 191 Plot 66

for reducing	a	5.5	4.25	
Jon mc 16619	b	6.1	4.10	
K " " 16620	c	6.8	3.66	
C " " 16623	d	5.3	4.48	
	e	5.1	3.5H	
	f	6.7	3.61	
	g	8.0	3.14	
	h	8.1	3.48	
	k	9.5	-	

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Sequences Near N Pole

March 4, 1920

Sc V

MC 16622

Sc 1 Sc 2

Seq M		Cu.	Magn
	a	5.3 4.24	9.54
	b	6.1 3.94	10.04
	c	6.9 3.64	10.54
	d	7.4 3.42	10.82
		7.6° 3.34	
	e	7.7 7.5	10.94
	f	7.9 3.21	11.11
	g	8.1 3.12	11.22
	h	8.8 2.78	11.58
	k	9.1 2.63	11.73
	l	9.7 2.32	12.02
	m	9.9? ,	,

Copied 53:196

MC 16623

Seq V			Cu	magn
	a	4.9	4.33	9.23
Reduced with	b	6.2	3.79	9.99
Jon MC 16619,25	c	4.8	4.37	9.17
h 90, 96	d	7.3	3.35	10.65
	e	5.5	4.09	9.59
	f	8.7	3.03	11.73
	g	7.5	3.30	10.80
	h	9.8	2.87 e	12.67 e
	k	9.1	2.97	12.07
	l	9.7	2.88 e	12.58 e
	m	n.s		n.s.

Copied 53:213

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Plat 57

Sequences Near N Pole

March 4, 1920

Dec V

Mc 16623

Deg C

	Sc 1	Sc 2	Cu.	magn.
Reduced with G on Mc 16621 p 92	a	3,9	.	. Copied 53,187
	b	6.3	392	10.22
	c	5,3	4.44	9.74
	d	6,0	4.07	10.07
	e	7,5	337	10.87
	f	7,8	3.27	11.07
	g	6.5	380	10.30
	h	7.3	345	10.75
	k	n.s	.	n.s

Deg B

				Diff →	
8	3.0 2.9			523	4.99
9	3.6 3,5			523	5.08
10	3.9 3.8	3.90	3,9	512	4.95
11			4.9	465	4.46
12			5.3	456	4.23
13			6,2	4.10	3.88
14			6.5	4.15	3.74
15			7,0	4.08	3.66
16			7.5	3.90	3.47
17			7.9	3.73	3.20
18			9.0	3.06	2.62
19		9.40	9.3 9.5	3.02	2.56
20			7		.

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DcV

Sequences Near N Pole

March 4, 1920

Mc 16624
Sc 1 Sc 2

Seq W

Reduced with
J on mc 16619, 25 f 9096

			cu	magn.
a		5.2	4.21	9.41 Copied 53; 214
b		4.3	4.56	8.86
c		5.1	4.25	9.35
d		7.2	3.39	10.59
e		6.2	3.78	9.98
f		8.7 ~~6.7~~	3.03	11.73
g	w.s	8.9	3.00 ε	11.90
h		n.s ?		n.s ?
k		n.s		n.s
l		n.s		n.s
m		n.s		n.s

Conclusion: Plate on edge of very thin region in this region. Not even sure of K-stars.

Seq B

	cu	magn	
a	5.9 4.01	9.91	Copied 53: 186
b	6.3 3.87	10.17	
c	7.3 3.47	10.77	
d	6.2 3.90	10.10	
e	8.1 3.11	11.21	
f	8.3 3.02	11.32	
g	8.7 2.84	11.54	
h	9.8 2.29	12.09 ε	
K	7		

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Sequences Near N Pole

March 4, 1920

Seq V

MC 16625

Sc 1 Sc 2

Seq J

Copied on Pg. 90

a		5.0
b	3.4 3.3	
c		5.9
d		6.3
e		5.3
f		6.9
g		7.7
h		7.2
k		8.8
l		n.s
m		8.9

Seq N

		Cu	Magn
a	5.3	4.24	9.54 Copied 53.197
b	6.1	3.94	10.04
c	6.7	3.71	10.41
d	8.0	3.16	11.16
e	9.0	2.68	11.68
f	9.8?	.241	11.91?
g	n.s	,	,
h	n.s	,	,

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Dec V 10:00

Sequences Near N Pole

March 9, 1920

Plot 66

		Mc 16062 Sc1	Sc2	mc Pg.100 16069	mean	Bk 53;186 Diff	
Seq B							
For reducing Seq	a		7.5	7.3	7.40	2.35	2.58
V on mc 16064	b		8.1	7.9	8.00	2.20	2.28
U " 16066	c		9.0	8.9	8.95	1.51	1.91
R " 16068	d		7.9	7.7	7.80	1.98	2.31
	e		7	9.5	9.50	0.14	1.76
	f		n.s	9.7?	9.70?	0.61	1.57?

				Magn. Copied Bk 53; 194
Seq K			cu.	
	a	7.0	2.58	9.58
Reduced south-	b	7.5	2.42	9.92
N on Mc 16064	c	7.7	2.34	10.04
p 98	d	8.2	2.19	10.39
	e	8.7	2.04	10.74
	f	7.5	2.42	9.92
	g	8.9	~~2.99~~ 1.99	10.89
	h	9.5	1.84	11.34
	k	n.s		

Plot 66

				Bk 53;206 Diff.
Seq J				
For reducing	a	4.90 4.80 4.7	6.4	2.80
S on Mc 16064	b	4.9 4.90	4.9	3.46
p 98	c		7.5	2.32
	d		8.1	1.98
	e		7.1	2.42
	f		8.5	1.73
	g	9.20	9.1 9.3	1.62
	h		9.0	1.56
	k		n.s	

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Sc V

Sequences Near N Pole

March 9, 1920

Mc 16064
Sc 1 Sc 2

Seq V

Reduced with Bon mc 16062, 9 Pg 97, 100

			Magn Opied Bk 53; 213
a	6.3	..	.
b	7.5	2.46	9.96
c	6.4	.	.
d	8.7	1.99	10.69
e	6.8	.	.
f	9.8?	1.57	11.37?
g	9.1	1.83	10.93
h	n.s	.	.
k	n.s	.	.

Seq N

Bk 53; 197
Diff Plot 66

for reducing Seq. Kon mc 16062 2 16066

a	6.9	2.62
b	7.8	2.34
c	8.2	2.18
d	9.2	1.99
e	9.9?	1.76?
f	n.s?	.

Seq S

Reduced with Son mc 16062 p. 97

		cu.	Magn Opied Bk 53; 204
a	5.2	3.32	8.52
b	6.0	2.94	8.94
c	7.7	2.14	9.84
d	7.3	2.34	9.64
e	8.5	1.76	10.26
f	7.5 7.40 7.3	2.29	9.69
g	7.7 7.60 7.5	2.19	9.79
h	9.5?	1.36e	10.86e?
k	9.7	1.29e	10.99e
l	8.7	1.69	10.39

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YELLOW

Sc V

Sequences Near N Cyg

March 9, 1920

MC 16066

Sc 1 Sc 2

Seq U

		cm	Magn Copied Bk 53:211
Reduced with	a	6.3	.
B on mc 16062,9	b	7.5	2.46	9.96
p 97, 100	c	6.5	.	.
	d	8.3	2.14	10.44
	e	8.5	2.06	10.56
	f	8.9	1.92	10.82
	g	9.7?	1.61	11.31?
	h	9.1	1.84	10.94
	k	n.s	.	

Seq 2

			cm	Magn. Copied Bk 53:201
Reduced with	a	6.5	.	.
N on mc 16064	b	7.5	2.42	9.92
p 98	c	7.9	2.28	10.18
	d	8.5	2.10	10.60
	e	9.0	1.96	10.96
	f	9.5	1.83	11.33
	g	9.8?	1.78	11.58?
	~~b~~	~~n.s~~		.
	~~k~~	~~n.s~~		.

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YELLOW

Sequences Near N. Pole

Dec V

March 9, 1920

Mc 16068 Sc 1 Sc 2

Seq R

		Cu	Magn.
a	7.1	2.66e	9.76e
b	7.5	2.47	9.97
c	7.9	2.31	10.21
d	8.1	2.22	10.32
e	9.2	1.80	11.00
f	8.3	2.14	10.44
g	8.5	2.06	10.56
h	98?	1.57	11.37?
k	9.0	1.88	10.88
l	7		

Copied Bk 53, 202

Reduced with B on Mc 16062, 9 fp 97, 100

Mc 16069

Copied on Pg 97

Seq B

a	7.3
b	7.9
c	8.9
d	7.7
e	9.5
f	9.7?

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YELLOW

10:55

Sequences Near N. Pole

Sev

March 10, 1920

MC 16062

Sc 1 Sc 2

			cu	magn.	
Seq D					Copied Bk53:188
Reduced with	a	5.7	.	.	
B on mc 16064	b	6.0	.	.	
p 102	c	9.2	1.84	11.04	
	d	8.9	2.00	10.90	
	e	9.0	1.95	10.95	
	f	9.0	1.95	10.95	
	g	7		7	

Seq N			Diff Bk53:197	Plot 66
	a	7.0	2.52	
For reducing	b	7.7	2.44	
2 on mc 16064	c	8.3	2.08	
R.. " 16066	d	9.0	2.39	
	e	9.8	1.86	
	f	ns	.	

			cu	magn	
Seq V					Copied Bk53:213
Reduced with	a	6.5	.	.	
B on mc 16064	b	7.7	2.55	10.25	
p 102	c	6.5	.	.	
Near to reject		8.7?	2.10	10.80?	
	e	6.9		.	Reject. Marked on original record.
	f	9.7	1.61	11.31	
	g	9.0	1.95	10.95	
	h	ns		.	

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Sc V

Sequences Near N Ori

March 10, 1920

MC 16064

		Sc 1	Sc 2	Diff. Bk 53; 186 Pl 66	
Seq B					
for reducing	a		7.1	2.88	
D on mc 16062	b		7.5	2.78	
V " " 16066					
2 " " 16068	c		8.7	2.16	
D " " 16069	d		7.5	2.61	
	e		9.5 9.60 9.7	1.66	
Region poor	f		9.8?	.	
Seq N 2				cu	Magn
	a		6.5	.	. Copied Bk 53; 201
Reduced with	b		7.5	2.40	9.90
N					
B on mc 16062 7 p 102	c		7.8	2.33	10.13
	d		8.3	2.21	10.51
	e		8.8	2.10	10.90
	f		9.8 9.60	1.96	11.26
	g		9.5 9.7	1.90	11.50
	h		9.8?	1.85	11.65?
Seq U					
	a		6.3		
	b		7.7		
	c		6.5		
	d		8.2		
	e		8.7		
	f		9.0		
	g		9.7		
	h		9.0		
	k		n.s		

Red
N or
p2

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Sc V

Sequences Near N Cde

March 10, 1920

	Mc 16066 Sc 1	Sc 2		
Seq V				
a		6.3		
b		7.5		
c		6.5		
d		8.9		
e		7.0		
f		9.8		
g		9.1		
h		n.s		
Seq R			cu	magn
a		7.0	2.52	9.52
Reduced with b		7.7	2.35	10.05
N on Mc 16062 c		7.9	2.31	10.21
fr 101 d		8.1	2.25	10.35
e		9.0	2.04	11.04
f		8.5	2.16	10.66
g		8.5	2.16	10.66
h		9.8?	~~2~~ 1.85	11.65?
K		9.0	2.04	11.04
l		n.s	.	.

Copied Ab 53, 202

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Sequences Near N Pole

March 10, 1920

Dec V

Mc 16068

Seq D

	Sc 1	Sc 2	Cu	Magn
a	6.5		.	.
b	7.5		2.65	10.15
c	7.7		2.46	10.36
d	8.3		2.28	10.58
e	9.0		1.95	10.95
f	9.1		1.90	11.00
g	9.5		1.70	11.20
h	9.8		1.56	11.36

Reduced with B on Mc 16064 p 102

Copied Bk 53; 201

Mc 16069

Seq D

		Cu.	Magn
a	5.8	.	.
b	6.0	.	.
c	9.0	1.95	10.95
d	8.8	2.04	10.84
e	8.7	2.10	10.80
f	9.0	1.95	10.95
g	ns		.

Reduced with B on Mc 16064 p 102

Copied Bk 53; 188

12:30

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9–15

Sev

Sequences Near N Pole

March 11, 1920

Plot 57

Mc 16063 Pole

	Sc 1	Sc 2	Diff.	
8		4.1	4.13	3.89
9		5.2	3.63	3.48
10		5.6	3.52	3.35
11		6.7	2.85	2.66
12		7.1	2.76	2.43
13		7.8 ~~8.0~~	2.50	2.28
14		8.0	2.65	2.24
15		8.7	2.38	1.96
16		9.2	2.20	1.77
17		9.7	1.93	1.40

Seq B

Diff Bk 53:186 Plot 67

For reducing	a	7.3	2.68
Von Mc 16065	b	7.7	2.58
W " " 16067	c	8.9	1.96
	d	7.7	2.41
	e	9.8	2.46

Seq D

Cu. magn Copied Bk 53; 188

Reduced with	a	6.5	.	.
Bon Mc 16065	b	5.9	.	.
& 106	c	9.0	1.93	10.93
	d	Nearly Sup	.	8
Mean dif	e	8.9?	1.96	10.86 ?
	f	9.1	1.90	11.00

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Sequences Near N Pole

March 11, 1920

Sc V

Mc 16065

Sc 1 Sc 2

Seq I

		Cm	Magn	
	a	6.2	2.91	9.11 Copied 53, 206
	b	4.7	3.63	8.33
	c	7.1	2.50	9.60
	d	7.5	2.34	9.84
	e	6.7	2.65	9.35
	f	8.1	2.12	10.22
	g	9.0	1.79	10.79
	h	8.5	1.98	10.48
	k	7	.	.

Seq V

Reduced with B on Mc 16063 p 105

		Cm.	Magn	
	a	6.5 → 7.5	2.57	10.07 Copied Bk 53, 213
	b			.
	c	6.3	.	.
	d	8.7	1.98	10.68
	e	6.7	.	.
	f	9.8?	1.46	11.26?
	g	9.1	1.81	10.91

Seq B

Diff Bk 53, 186 Plot 67

	a	7.3	2.68
~~Use to~~	b	7.7?	2.58?
~~Send on sheet~~	c	8.9	1.96
For reducing	d	7.7	2.41
B on Mc 16063	e	n.s	.
V " " 16067	f	n.s	.

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Sequences Near N Pole
March 11, 1920

Dec

Mc 16067
Sc 1 Sc 2

Seq X

		Cu	Magn	
a	5.3	3.33	8.63	Copied 53:204
b	6.1	2.95	9.05	
c	7.8	2.23	10.03	
d	7.5	2.34	9.84	
e	8.3	2.04	10.34	
f	7.3	2.41	9.71	
g	7.7	2.28	9.98	
h	9.7	1.54	11.24	
K	9.7	1.54	11.24	
l	8.9	182	10.72	

Seq U

		cu.	magn	
a	6.5	.	.	Copied Bk 53:211
b	7.5	2.56	10.06	
c	6.5	.	.	
d	8.1	2.28	10.38	
e	8.5	2.10	10.60	
f	8.9	1.89	10.79	
g	9.8	1.47	11.27	
h	9.0	1.84	10.84	

Reduced with B Mc 16063 p.105

Seq V

		cu.	magn	
a	6.7	.	.	Copied Bk 53:213
b	7.5	2.59	10.09	
c	6.1	.	.	
d	8.9	1.97	10.87	
e	6.9	.	.	
f	9.8	1.64e	11.44e	
g	9.0	1.93	10.93	
h	ns	.		

Reduced with B on Mc 16065 p.106

10:55

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YELLOW
Scr 10:20

Sequences Near N Pole
March 13, 1920

Mc 16063
Sc 1 Sc 2

Seq G.

		Cu	Magn
a	7.4	2.48	9.88
b	8.0	2.23	10.23
c	8.3	2.11	10.41
d	7.5	2.44	9.94
e	7.3	2.52	9.82
f	8.2	2.14	10.34
g	9.7	1.52	11.22
h	n.s	.	
k	n.s	.	.

Copied 53:191

Seq K

		Cu.	Magn
a	6.9	2.54	9.44
b	7.5	2.35	9.85
c	7.7	2.30	10.00
d	8.3	2.11	10.41
e	8.7	1.99	10.69
f	7.5	2.35	9.85
g	8.8	1.97 e	10.77 e
h	9.3	1.83 e	11.13 e
K	n.s	.	.

Copied Bk 53:194

Reduced with N on Mc 16065 p 109

Seq N.

a	7.1	2.42	
b	7.9	2.24	
c	8.5	1.88	
d	9.7? g	1.49 ?g	
e	n.s	.	
f			
g			

Sq N Bk 53:197 Plot 67

For reducing 2 on Mc 16065
R on " 16067

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YELLOW

Sc 1

Sequences Near N Pole

March 12, 1920

Plot 58

	Mc 16065 Sc 1	Pole Sc 2	Diff	
8		4.0	4.23	3.99
9		5.1	3.73	3.58
10		5.5	3.52	3.35
11		6.5	3.05	2.86
12		6.9	2.96	2.63
13		7.7	2.60	2.38
14		8.0	2.65	2.24
15		8.7	2.38	1.96
16		9.1	2.30	1.87
17		9.7	1.93	1.40

Diff Bk 53; 197 Plot 67

Seq N

For reducing Kon 16063 2 .. 16067

	→ 7.0	2.52	
a	→ 7.8	2.34	
b	→ 8.3	2.08	
c			
d	n.s	.	
e	n.s	.	

Seq R

Reduced with N on Mc 16063 p 108

			cu	Magn.
	6.5			Copied Bk 53; 201
a	~~7.0~~ n.s		.	.
b	7.3		2.40	9.70
c	7.5		2.33	9.83
d	8.5		1.92	10.42
e	9.1		1.68	10.78
f	9.3		1.61	10.91
g	9.3	9.40 9.5	1.58	10.98
h	n.s			.

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110

YELLOW

Scy

Sequences Near N Pole

March 12, 1920

Mc 16065 Sc1 Sc2

Seq I

		Cu	Magn
a	6.4	2.91	9.31
b	4.8	3.65	8.45
c	7.1	2.60	9.70
d	7.7	2.36	10.06
e	6.7	2.77	9.47
f	8.1	2.20	10.30
g	9.1	1.79	10.89
h	8.7	1.96	10.66

Copied 53:206

Seq Q

		Cu	Magn
a	6.5		
b	7.5 7.7	2.35	9.85
c	7.7	2.30	10.00
d	8.5	2.04	10.54
e	9.0	1.91 e	10.91 e
f	9.2	1.86 e	11.06 e
g	9.5	1.78 e	11.28 e

Reduced with N on Mc 16065 p.109

Copied Bk 53:201

Seq R

		Cu	Magn
a	7.0	2.50	9.50
b	7.8	2.20	10.00
c	7.9	2.16	10.06
d	8.1	2.08	10.18
e	8.9	1.75	10.65
f	8.3	2.00	10.30
g	8.2	2.04	10.24
h	9.7	1.47	11.17
K	8.8	1.80	10.60

Reduced with N on Mc 16063 p.108

Copied Bk 53:202

11:35

Plates 16063, 16065 & 16067 - poor do not show ft plane.

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YELLOW

Plot 58

Dec 10:00

Sequences Near N Pole

March 15, 1920

MC 16068

Seq f

Copied 53:217

		Cu	Magn
a	4.2	3.92	8.12
b	6.7	2.75	9.45
c	6.5	2.83	9.33
~~d~~		.	.
e	8.5	2.00	10.50
	9.00	1.81	
f	8.9	9.1	10.81
g	8.1	2.15	10.25
a'	3.0 2.9	.	.
b'	6.9	2.64	9.54
h	9.3	1.72	11.02
k	Rig defective	.	.
l	9.7	1.62	11.32

MC 16069 Pole

		Diff	
8	4.0	4.23	3.99
9	5.2	3.63	3.48
10	5.7	3.32	3.15
11	6.5	3.05	2.86
12	6.9	2.96	2.63
13	7.7	2.60	2.38
14	8.0	2.65	2.24
15	8.8	2.28	1.86
16	9.2	2.20	1.77
17	9.5	2.13	1.60
18	9.9?	2.16	1.72

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YELLOW

Sc V

Sequences Near N Pole

March 15, 1920

MC 16076

Sc 1 Sc 2

Seq b

Reduced with B on mc 16077 f 114

		cm.	magn.	
a	4.9	.	.	Copied Bk 53; 204
b	5.9	.	.	
c	7.5	2.76	10.26	
d	7.1	2.93	10.03	
e	8.3	2.44	10.74	
f	7.2	2.90	10.10	
g	7.5	2.76	10.26	
h	9.3	1.90	11.20	
k	9.8?	1.62	11.42?	
l	8.7	2.24	10.94	

Seq f

Reduced with N on mc 16077 f 114

		cm.	magn.	
a	3.8	.	.	Copied Bk 53; 217
b	6.0	.	.	
c	5.8	.	.	
d				
e	8.0	2.44	10.44	
f	8.7	2.20	10.90	
g	7.7	2.54	10.24	
h	8.8	2.17	10.97	
k	9.5?	1.95	11.45?	
l				
a'	2.5	.	.	
b'	6.1	.	.	

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YELLOW

S.V

Sequences Near N Pole

March 15, 1920

MC 16076

Sc1 Sc2

Seq Q

Copied Bk 53, 201

		Cu.	Magn
Reduced with Gou Mc 16077	a 6.3	3.40	9.70
	b Sup?	.	.
	c 7.5	2.86	10.36
	d 8.3	2.50	10.80
	e 9.0	2.18	11.18
	f 9.1	2.13	11.23
	g 9.8?	1.85	11.65?

Seq R

Copied 53, 202

		Cu	Magn
	a 6.5	3.24	9.74
	b Sup?	.	.
	c 7.5	2.79	10.29
	d 7.7	2.70	10.40
	e 9.0	2.13	11.13
	f 8.0 7.90	2.62 7.8	10.52
	g 8.1	2.53	10.63
	h 9.5?	1.96	11.46?
	k 8.9	2.19	11.09

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YELLOW

Dec Sequences Near N Pole

March 15, 1920

MC 16077

		Sc 1	Sc 2	Diff Bl 53; 186 Plot 67
Seq B				
For reducing	a		7.0	2.98
S on MC 16076	b		7.5	2.78
	c		8.5	2.36
	d		7.3	2.81
	e		9.3	1.96
	f		9.7	1.57
Seq N				Diff Bl 053; 197 Plot 67
For reducing	a		6.5	2.99 3.02
Y on MC 16076	b		7.5	2.5H 2.6H
	c		7.9	2.4H 2.48
	d		9.1	1.9? 2.09
	e		9.8	1.77 1.86
	f		n.s	. .
	g			
Seq Y				Diff Bl 053; 191 Plot 67
For reducing	a		6.5	3.25
2 on MC 16076	b		7.1	3.10
	c		7.7	2.76
	d		6.5	3.28
	e		6.1	3.5H
	f		7.3 6.9	3.01
	g		8.9	2.2H
	h		9.7?	1.88?

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YELLOW

DeV

Sequences Near N Pole

March 15, 1920

Plot 58

	Me 16077		Pole
8	36 35	5d2	~~Diff~~ 4.39
9	44 4.3 44 5	4.5	4.23
10		4.9	3.95
11		5.5	3.86
12		6.2	3.33
13		7.1	2.98
14		7.5	2.74
15		8.0	2.66
16		8.5	2.47
17		9.0	2.10
18		9.7	1.92

12:25

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116

2-05

YELLOW

Sequences Near N Pole

March 15, 1920

Scy

MC 16071 (badly broken)

	Sc 1	Sc 2	
Seq G			Diff BB53; 191 Plot 67
a	In crack		.
for reducing b		7.7	2.50
Ron Mc 16076 p117 c		8.3	2.16
d		7.3	2.48
e		7.0	2.64
f		8.3	2.01
g		9.1	2.04
h		n.s	
Seq K			Diff BB53;
a		7.0	
b		7.3	
c		7.8	
d		8.3	
e		8.7	
f		7.3	
g		8.9	
h		9.1	
K		n.s	

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YELLOW

Sequences Near N Pole

March 15, 1920

Dec V

WC 16076

Seq R		Sc 1	Sc 2	cu. magn.
	a	6.7	2.75 e	9.45 e Copied Bk 53; 207
Reduced with	b	7.0?	2.64	9.64?
Gm WC 16071	c	7.5	2.44	9.94
p 116	d	7.7	2.37	10.07
	e	9.1	1.97	11.07
	f	7.9	2.31	10.21
	g	8.1	2.24	10.34
	h	9.3	1.93	11.23
	k	8.9	2.02	10.92

Seq f		
	a	3.7
	b	6.0
	c	5.9
	e	8.0
	f	8.9
	g	7.8
	h	8.7
	k	9.7
	a'	2.7
	b'	6.1

2 : 45

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YELLOW

Sev 10:55 Sequences Near N Pole

March 16, 1920

Mc 16078

Seq B

Sc 1 Sc 2

		mc 16085 from B 120		Diff	Bk 53; 186 mean	Plat 69
For reducing	a	6.9	7.0	2.98	6.95	3.03
W on mc 16081	b	7.5	7.7	2.58	7.60	2.68
	c	8.5	8.7	2.16	8.60	2.26
	d	7.4	7.5	2.61	7.45	2.66
	e	9.7	9.8	.	9.70	1.56
	f					

Seq J

		mc 16085 from B 120		Diff	Bk 53; mean	Plat 68
	a	6.0	6.1	3.10	6.05	3.15
For reducing	b	4.6	4.5	3.86	4.55	3.81
U on 16081 p 119	c	7.1	7.3	2.52	7.20	2.62
	d	7.5	7.7	2.38	7.60	2.48
	e	6.5	6.5	3.02	6.50	3.02
	f	8.0	8.0	2.23	8.00	2.23
	g	8.9	9.1	1.72	9.00	1.82
	h	8.3	8.5	2.06	8.40	2.16

Seq V

	6.20		Cu.
a	6.3	6.1	~~335~~
b	7.5		
c	6.1		
d	8.7		
e	6.9		
f	9.8 f		
g	9.0		

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Sequences Near N Pole

March 16, 1920

Sc V

MC 16081

	Sc 1	Sc 2	cu	magn	
Seq W					
Reduced with	a	6.0	.	.	Copied Bk 53, 214
Bon Mc 16078,85	b	5.2	.	.	
fr 118,186	c	6.1	.	.	
	d	8.3	2.31	10.61	
	e	9.8	1.57	11.37	
	f	n.s	.	.	
Seq U			cu	magn	
	a	6.3	3.02	9.32	Copied Bk 53, 211
Reduced with	b	7.5	2.50	10.00	
Bon Mc	c	6.3	3.02	9.32	
16078,85 fr 118,186	d	8.1	2.23	10.33	
	e	8.7	1.95	10.65	
	f	9.1	1.77	10.87	
	g	9.7:	1.55 e	11.25 e?	
	h	9.0	1.83	10.83	
Seq S					
	a	3.9			
	b	5.0			
	c	8.1			
	d	8.8			
	e	9.3:			
	f	9.1	9.3		
	g	n.s			
	h				

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Sequences Near N Pole

March 16, 1920

DcV

Me 16085

	Sc 1	Sc 2	~~Diff Plate 53,186 Plate 68~~
Seq B			copied on Pg 118
a	6.9		3.08
b	7.5		2.78
c	8.5		2.36
d	7.4		2.71
e	9.7		1.56
f	n.s.		
Seq J			
a	6.0		copied on Pg 118
b	4.6		
c	7.1		
d	7.5		
e	6.5		
f	8.0		
g	8.7		
h	8.3		
Seq V			
a	5.5		
b	7.3		
c	5.9		
d	8.5	8.3	
e	6.7		
f	9.8 f		
g	8.9		

12:20

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Plat 58

10 —

Sc V

Sequences Near N Pole

March 17, 1920

Mc 16081

		Sc 1	Sc 2	Diff Bk 53; 186 Plat 68
Seq B				
For reducing	a		6.9	3.08
W on mc 16083 p122	b		7.5	2.78
S " " 16084 p123	c		8.7	2.16
	d		7.5	2.61
	e		9.8	1.46
	f		n.s	.

	Sc 1	Sc 2	Diff.
Pole			
8	3.4 3.3		4.59
9	4.4 4.3 4.40	4.4	4.28
10		4.9	3.95
11		5.7	3.66
12		6.3	3.23
13		7.2	2.88
14		7.5	2.74
15		8.1	2.56
16		8.8	2.17
17		9.1	2.00
18		9.7	1.92
19		7	.

				Diff Bk 53; 206 Plat 68
Seq V				
For reducing	a		5.9 5.85 5.8	3.35
U on mc 16083	b		4.1	4.26
p122	c		6.5	3.32
	d		7.2	2.88
	e		6.1	3.42
	f		7.7	2.53
	g		8.7	2.12
	h		8.5	2.06

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Sequences Near N Pole

March 17, 1920

Sc V

MC 16083

Sc 1 Sc 2

Seq W

Reduced with Bm mc 16081 (16088) p 121
g " " 16085 p 124

	Sc 2	1. cu. from Bmc 16081	2. cu from gm 16085	1 Copied BR 53,214 Magn	2 Copied Magn
a	6.0	.	.	.	.
b	5.0	.	.	.	.
c	5.9	.	.	.	.
d	8.1	2.43	2.46	10.53	10.56
e	Sup	.	.	g	g
f	n.s	.	.	n.s	n.s

Seq V

Copied 63: 2.13

	Sc 2	Cu	Magn
a	5.7	3.60	9.30
b	7.3	2.85	10.15
c	5.8	3.55	9.35
d	8.3	2.42	10.72
e	6.7	3.12	9.82
f	9.7?	.182	11.52?
g	8.8	2.19	10.99
h	n.s	,	,

Seq U

Reduced with J. on mc 16081 p 121
n " " 16085 p 124

Copied BR 53,211

	Sc 2	cu from J. 16081	cu from n 16085	16081 Magn	with cu n 16085 Magn
a	6.0	3.36	3.40	9.36	9.40
b	7.3	2.77	2.77	10.07	10.07
c	6.1	3.33	3.35	9.43	9.45
d	8.0	2.45	2.46	10.45	10.46
e	8.5	2.23	2.29	10.73	10.79
f	8.9	2.05	2.15	10.95	11.05
g	9.7	.	1.88	.	11.58
h	8.9	2.05	2.15	10.95	11.05

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Sequences Near N Pole

March 17, 1920

DeV

Mc 16084

Seq S

Sc 1 Sc 2

		1 Cu from B mc 16081	2 Cu from G mc 16085	1 Magn	2 Magn
Reduced with B on mc 16081 p121 G " " 16085 p124	a	4.9	.	.	.
	b	6.0	.	.	.
	c	7.7	2.61	2.63	10.31 10.33
	d	6.9	3.05	2.94	9.95 9.84
	e	8.3	2.31	2.40	10.61 10.70
	f	7.1	2.93	2.85	10.03 9.95
	g	7.7	2.61	2.62	10.31 10.32
	h	9.3	1.75	2.09	11.05 11.39
	k	9.8	1.51	1.94e	11.31 11.74e
	l	8.9	2.00	2.20	10.90 11.10
	m	ns	.		ns

1 Copied Bk 53:204
2 Copied " " "

Seq R

Copied 53:202

		Cu	Magn
	a	6.7	3.12 9.82
	b	7.1 7.60 7.5	2.72 10.32
	c	7.7	2.70 10.40
	d	7.8	2.63 10.43
	e	8.9	2.15 11.05
	f	8.2	2.46 10.66
	g	8.3	2.42 10.72
	h	7	7. .
	k	9.0	2.10 11.10

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Seq V YELLOW

Sequences Near N Pole
March 17, 1920

Mc 16085
Sc 1 Sc 2

Diff Bb 53; Plot 68

Seq B

a	6.7	6.60 6.5	3.15
b	7.5		2.70
c	8.2	8.10 8.0	2.36
d	7.1	7.00 6.9	2.78
e	6.8	reading?? Reject.	
f	7.5		2.81
g	8.9		2.24
h	9.1		2.48?

Seq K

Copied 53, 194

		Cw	Magn
a	6.1	3.41	9.51
b	6.3	3.31	9.61
c	6.7	3.12	9.82
d	7.5	2.77	10.27
e	7.1	2.70	10.40
f	6.7	3.12	9.82
g	8.0	2.55	10.55
h	8.2	2.47	10.67
K	7	.	.

Seq N

Diff Bb 53; Plot 68

For reducing U on Mc 16083 p. 122

a	6.3	6.20 6.1	3.32
b	7.5		2.64
c	7.8		2.58
d	9.1		2.09
e	9.8?		1.86?
f	n.s		.

11.45

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YELLOW
10, 30

Sequences Near N Pole
March 24, 1920

Plot 59

Dec

Series 97b

	Mc 16421 Sc 1	Sc 2	Diff	16424 p128	Mean	Diff
8	40 3.9 4.00	40	3.99	36	3.80	4.19
9		4.9	3.78	4.7	4.80	3.88
10		5.3	3.55	5.1	5.20	3.65
11		6.3	3.06	6.1	6.20	3.16
12		6.7	2.83	6.5	6.60	2.93
13		7.5	2.58	7.3	7.40	2.68
14		7.9	2.34	7.7	7.80	2.44
15		8.5	2.16	8.3	8.40	2.26
16		8.8	2.17	9.0	8.90	2.07
17		9.3	1.80	9.5	9.40	1.70
18		9.9	1.72		9.90	172

Seq V

	Sc 2
a	5.9
b	7.5
c	6.0
d	8.5
e	6.7
f	9.8?
g	8.7
h	n.s

Seq B

Dec Bk 53; 186 Plot 68

For reducing Hon Mc 16422

		Diff
a	7.3	2.68
b	7.8	2.48
c	8.9	1.96
d	7.3	2.81
e	9.7	1.56
f	7	.

Seq D

Bk 53; Plot 68

For reducing Lon Mc 16422 pg. 127

		Diff.
a	6.0	3.20
b	4.5	3.86
c	7.1	2.72
d	7.7	2.38
e	6.7	2.82
f	8.0	2.63
g	9.0	1.82
h	8.5	2.06

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YELLOW

Sequences Near N Pole

March 24, 1920

Series 976

Sc V

Mc 16422

Sc 1 Sc 2

Seq B

Copied 53:216

			Cu	Magn
a	3.9		2.1 H+S	8.05
b	3.2		.	.
c	4.5		3.99	8.49
d	7.0		2.80	9.80
e	7.2	8.20	2.71	9.91
f	8.3	8.1	2.30	10.50
g	8.2		2.30	10.50
h	8.0		2.37	10.37
k	9.1		1.95	11.05
k'	n.s		,	,
l	n.s		.	.

Seq B N

Copied Bk 53, 192

			cu.	Magn
a	6.1		.	.
b	7.3		2.74	10.0H
c	7.9		2.4H	10.3H
d	9.0		1.92	10.92
e	8.7		2.05	10.75
f	9.3		1.74	11.0H
g	9.5		1.6H	11.1H
h	n.s		.	n.s.
K				

Reduced with B on Mc 16421 fa 125

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DeV

Sequences Near N Pole

March 24, 1920

Series 976

M16422

		Sc 1	Sc 2	cu	Magn.
Seq h					
	a		6.0	3.18	9.18 Copied BK53:195
Reduced with	b		7.7	2.40	10.10
Lon mc 16421	c		6.2	3.09	9.29
fr 125	d		7.3	2.58	9.88
	e		7.0	2.73	9.73
	f		8.5 8.40 8.3	2.08	10.48
	g		8.9	1.86	10.76
	h		9.7?	1.49 e	11.19 e²
	k		2.5	.	7.3
Seq K					
	a		6.4		
	b		6.5 6.7		
	c		7.1		
	d		7.9		
	e		8.0		
	f		7.0		
	g		8.1		
	h		8.5		
	k		9.8?		

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Sequence Near N Pole

March 24, 1920

Series 976

Sc V

MC 16723

Sc 1 Sc 2

Seq S

		Cu	Magn
a	4.3	4.05	8.35
b	5.3	3.60	8.90
c	8.5	2.18	10.68
d	8.9	2.03	10.93
e	9.5	1.80	11.30
f	9.0	1.98	10.98
g	n.s	.	.

Copied 53, 214

MC 16724 Pole

8	3.6 3.5	
9	4.7	
10	5.1	
11	5.9 ~~5.7~~	6.1
12	6.5	Copied p. 125
13	7.3	
14	7.7	
15	8.3	
16	9.0	
17	9.5	

Seq V

a	6.0
b	7.5
c	6.1
d	8.3
e	6.5
f	n.s
g	8.7
h	9.8?

12:10

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1:35

Sequences Near N Pole

March 24, 1920

Series 976

DeV

mc 16421

		Sc 1	Sc 2	mc 16424 fm Pg 131	Mean	Diff
Seq L						Bb 53;191 Plot 69
	a	7.3	7.20 7.1	6.7	6.95	2.80
For reducing	b	7.7		7.5	7.60	2.60
W on mc 16423	c	8.5		8.1	8.30	2.16
p 130	d	7.0		6.9	6.95	2.83
	e	7.1		6.5	6.80	2.84
	f	7.9		8.0	7.95	2.36
	g	9.1		9.1	9.10	2.04
	h	9.7		.	9.70	1.88?
Seq N						Diff Bb 53;197 Plot 69
	a	6.5		mc 16424 fm Pg 131 6.1	Mean 6.30	3.22
For reducing	b	7.7		7.3	7.50	2.64
W on mc 16423	c	8.1		7.9	7.80	2.58
p 130	d	9.1		9.1	9.10	2.09
	e	9.9		9.8	9.85	1.81
	f	Zs				
Seq K				mc 16424 fm Pg 131	Mean	
	a	6.5		6.1	6.30	
	b	6.7		6.7	6.70	
	c	7.1		6.9	7.00	
	d	7.8		7.9	7.85	
	e	7.9		7.9	7.90	
	f	6.9		9	6.90	
	g	8.1		8.2	8.15	
	h	8.5		8.3	8.40	
	k	9.8?		*	9.80?	

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Sequences Near N Pole

March 24, 1920

Series 976

Sc V

M.C. 16423
Sc 1 Sc 2

Seq W.

		cu.	magn	
Reduced with	a	6.1	.	. Copied Bk 53; 214
Gm MC 16421 ⟩ p 129	b	5.3	.	.
" " 16425 ⟩ 131	c	6.2	.	.
	d	8.1	23.3	10.43
	e	7.3	26.5	9.96
	f	n.s	.	n.s

Seq U

		cu	magn.	
	a	6.3	3.16	9.46 Copied Bk 53; 211
Reduced with n	b	7.3	2.73	10.03
on MC 16421 p 129	c	6.1	3.24	9.34
" 16424 p 131	d	8.0	2.45	10.45
	e	8.7	2.19	10.89
	f	8.9	2.13	11.03
	g	9.7	1.84	11.54
	h	9.0	2.09	11.09

Seq V

a	5.9
b	7.3
c	6.0
d	8.3
e	6.7
f	9.7
g	8.7
h	n.s

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Sequences Near N Pole

March 24, 1920

Series 976

DeV

MC 16424

	Sc 1	Sc 2	
Seq L			
a		6.7	Copied on Pg. 129
b		7.5	
c		8.1	
d		6.9	
e		6.5	
f		8.0	
g		9.1	
Seq N			
a		6.1	Copied on Pg 129
b		7.3	
c		7.9	
d		9.1	
e		9.8	
Seq K			
a		6.1	Copied Pg 129
b		6.7	
c		6.9	
d		7.9	
e		7.9	
f	Nearly Dup –		
g		8.2	
h		8.3	
K		7	

2.45

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10;10

Sc V

Sequences Near N Cole

Plot 59

March 25, 1920

Series 977

		Inc 16435 Sc 1	Cole Sc 2	16438 p135	Mean	Diff.
8	13			.	.	.
9		4.7	4.6		4.65	4.03
10		5.0	4.9		4.95	3.90
11		5.9	5.7		5.80	3.56
12		6.5	6.3		6.40	3.13
13		7.1	6.9		7.00	3.08
14		7.5	7.3		7.40	2.84
15		8.0	7.7		7.85	2.81
16		8.40 8.5	8.3		8.35	2.62
17		8.60 8.5	8.7		8.65	2.45
18		9.7	9.5		9.60	2.02

Seq N

Diff Bk 53;197 Plot 69

	a	6.0	3.52
mean defect	b	7.0?	3.14?
For reducing	c	7.8	2.58
& on Inc 16436 p134	d	8.9	2.29
	e	9.8?	1.86?
	f	n.s	.

Seq J

Diff Bk 53;206 Plot 69

For reducing	a	5.5	3.70
Con Inc 16436 p134	b	4.0	4.36
	c	6.7	3.12
	d	7.3	2.78
	e	6.2	3.32
	f	7.5	2.73
	g	8.5	2.32
	h	8.0	2.56
	k	n.s	.

For Re

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Sequences Near N Pole

March 25, 1920

Series 977

Dec Y

MC 16435

Sc 1 Sc 2

Seq Q

	Sc 1	Sc 2
a		6.0
b		7.0
c		7.1
d		7.9
e		8.5
f		8.9
g		9.3
h		9.0

For Reducing D
MC 16436 p. 134

MC 16436

Seq A

Copied 53, 215

	33		Cu	Magn
a	3.2		.	
b		5.3	3.72	9.02
c		5.5	3.63	9.13
d		5.3	3.72	9.02
e		5.7	3.54	9.24
f		5.5	3.63	9.13
g		6.2	3.31	9.51
h		6.5	3.19	9.69
i		7.3	2.91	10.21
l		8.5	2.53	11.03
m		8.7	2.42	11.12
n		n.s	.	.
o		9.8	2.00	11.80?

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Sequences Near N Pole

March 25, 1920

Sc V

Series 977

Mc 16436 cont-

		Sc 1	Sc 2	cu	Magn	
Seq E						Copied BK53,189
	a		6.1	3.46	9.56	
Reduced with	b		7.2	2.95	10.15	
N on mc 16435 p.132	c		5.7	.	.	
	d		7.9	2.66	10.56	
	e		8.3	2.49	10.79	
	f		9.1	2.13	11.23	
	g		9.3	2.03	11.33	
	h		9.7?	1.83	11.53?	
	K		ns			
Seq b						Copied BK53,187
	a		4.7	4.03	8.73	
Reduced with-J	b		7.0 7.10, 7.2	2.91	10.01	
on mc 16435 p.132	c		6.3 6.20 6.1	3.31	9.51	
	d		6.9 6.70 6.5	3.08	9.78	
	e		8.5	2.34	10.84	
	f		9.8 7.3	2.17 e	11.17 e	
	g	w.s	7.7	2.81	10.11	
	h	w.s	8.3 8.1	2.49	10.59	
	K		7		7	
Seq D						
Reduced by 2	a		4.7			
on Mc 16435 f,	b		5.0			
" " 16438	c		8.0			
	d		7.7			
	e		7.9			
	f		7.9			
	g		9.7			
	h		9.8?			

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Sequences Near N Pole

March 25, 1920

Series 977

Sc 1

Me 16437 (Broken)

Sc 1 Sc 2

Cw Magn

Copied 53.247

Seq I	a	3.3 3.2	. .	
	b	600 6.1 5.9	3.49 9.49	
Poor Plate Fogged	c	560 6.5 5.7	3.62 9.22	
	d	7.9	2.72 10.62	
	f	In crack —	. .	
	g	7.5	2.84 10.34	
	h		. .	
	a'	B	. .	
	b'	5.9	3.44 9.34	

Me 16438 Sc 2

Seq 2	a	6.1 5.9
	b	7.1
	c	7.1
	d	7.8
	e	8.3
	f	9.0
	g	9.1
	h	9.7

Me 16438 Pole

	8	B	
Plate Fogged	9	4.6	
	10	4.9	Copied #132
	11	5.7	
	12	6.3	
	13	6.9	
	14	7.3	
	15	7.7	
	16	8.3	
	17	8.7	
	18	9.5	

12.25

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136

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11:45

Sequences Near N Pole
March 26, 1920

Dec V

Series 977

Mc 16435
Sc 1 Sc 2

Seq A

For reducing
O on Mc 16437
p 137

	Mc 16438 p 138	Mean	Diff
a 6,5	6.5	6.50	3.25
b 7,3	7.5	7.40	2.80
c 7,9	7.8	7.85	2.61
d 6,7	6.5	6.60	3.18
e 6,3	6.3	6.30	3.34
f 7,7	7.5	7.60	2.71
g 8,7	8.8	8.75	2.39
h 9.0	9.0	9.00	2.58?

Bds 53,191 Plot 69

Seq B

For reducing
R on Mc 16437 p 137

	Mc 16438 p 138	Mean	Diff
a 6,9	6.5	6.70	3.28
b 7,5	7.20	7.35	2.93
c 8.5	8.10	8.30	2.56
d 7,0	7.0	7.00	3.11
e 9.5	9.5	9.50	2.76
f ns	93	9.30	2.97
g 9.5?	9.7	9.60	1.96

Bds 53,186 Plot 69

Seq D

a	4.9
b	5.2
c	8.3
d	8.0
e	8.1
f	8.3
g	9.8?
h	ns

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Sequences Near N Pole

March 26, 1920

Series 977

Sc V

		MC 16437 Sc1	Sc2	cu	Magn	Copied Bk 53; 199	MC 16437 Sc 2
Seq O							Seq Q
	a		6.5	3.23	9.73		a 5.9
Reduced with	b		6.1	3.44	9.54		b 7.0
G on MC 16435 f 136	c		6.2	3.38	9.58		c 7.3
" " " 16438 f 138	d		7.3	2.83	10.13		d 7.7
	e		8.2	2.52	10.72		e 8.3
	f		7.9	2.61	10.51		f 8.8
	g		8.3	2.52	10.82		g 9.1
	h		8.5	2.46	10.96		~~h 9.8~~
	k		9.0	2.34	11.34		
	l		9.3	2.27 e	11.57 e		
	m		F	.	F		
Seq R				cu	Magn	Copied BK 53; 202	
Reduced with	a		6.3	.	.		
B on MC 16435 f 136	b		6.8	3.20	10.00		
" " " 16438 f 138	c		7.1	3.04	10.14		
	d		7.2	2.99	10.19		
	e		8.3	2.44	10.74		
	f		7.8	2.71	10.51		
	g		8.0	2.60	10.60		
	h		n.s	.	n.s		
	k		8.7	2.24	10.94		
	l		n.s	.	n.s		

~~+2.50~~ 5

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Sequences Near N Pole

March 26, 1920

Series 977

Sc V

MC 16438
Sc 1 Sc 2

Seq G

Copied Pg 136

a	6.5
b	7.5
c	7.8
d	6.5
e	6.3
f	7.5
g	8.8
h	9.0

Seq B

Copied Pg 136

a	6.5
b	7.3 7.20 7.1
c	8.1
d	7.0
e	9.5
f	9.3
g	9.7

Seq D

a	5.0
b	5.3
c	8.1
d	8.0
e	7.9
f	8.1
g	7.7?
h	n.s

1.35'

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Dev

Plat 59

Sequences Near N Pole
March 27, 1920

Series 978

Mc 16439 Pole

	Seq 1	Seq 2	λ4492	λ4545	Mean	Diff.
8		3.9	3.9	.	3.90	4.09
9		4.9	4.80	4.65	4.78	3.90
10		5.3	5.1	5.0	5.13	3.72
11		6.3	6.1	6.0	6.13	3.23
12		6.7	6.5	6.5	6.57	2.96
13		7.1	7.1	7.2	7.13	2.95
14		7.5	7.5	7.5	7.50	2.74
15		8.0	7.9	8.0	7.97	2.69
16		8.5	8.4	8.40	8.43	2.54
17		8.9	8.7	8.8	8.80	2.30
18		9.5	9.3	9.60	9.47	2.15
19		9.8?	9.8	.	9.80	2.16

Seq 7 Mc16440

Copied 53:190

	6.5	Cu.	Magn
a	6.6 6.5	3.06	9.61
b	6.8	2.95	9.75
c	7.3	2.78	10.08
d	7.5	2.72	10.22
e	8.1	2.54	10.64
f	7.8	2.63	10.43
g	9.1	2.29	11.39
h	8.1	254	10.64
k	9.8	2.14	11.94
l	ns	.	.

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bcV

Sequences Near N Pole

March 27, 1920

Series 978

mc 16h40 cont

Seq D		Sc 1	Sc 2	cu	magn	Copied Bk 53, 185
Reduced with	a	5.0		.	.	
B on mc 16H41 fp 141	b	5.3		.	.	
	c	8.0		2.68	10.68	
	d	7.9		2.74	10.64	
	e	8.0		2.68	10.68	
	f	8.0		2.68	10.68	
	g	9.8		1.60 e	11.40 e	
	h	7			7	

Seq K				cu.	magn.	Copied Bk 53, 194
	a	6.1		3.33	9.43	
Reduced with	b	6.5		3.15	9.65	
n on mc 16H41 fp 141	c	6.9		2.98	9.88	
	d	7.7	7.5 (7.60, 1)	2.69	10.29	
	e	7.5		2.73	10.23	
	f	7.0		2.94	9.94	
	g	8.0		2.53	10.53	
	h	8.0		2.53	10.53	
	K	9.2		2.07	11.27	
	l	2.9		.	n.s.	

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Sequences Near N Pole

March 27, 1920

Series 978

Dec V

MC 16441

Sec 1 Sec 2

Seq G

Copied 53:191

		Cw	Magn
a	6.7	3.00	9.70
b	7.5	2.72	10.22
c	8.0	2.58	10.58
d	6.7	3.00	9.70
e	6.5	3.09	9.59
f	7.5	2.72	10.22
g	9.0	2.30	11.30
h Reg defective	.	.	

Seq B

Dyf Bk 53:186 Plot 69

For reducing
Dom MC 16440 p.140
V " " 16442 p.142
U " " 16443 p.143

a	6.5	3.48
b	7.3	2.98
c	8.2	2.66
d	7.1	3.01
e	9.3	1.96
f	9.5	1.77
g	~~7~~	.

Seq N

Dyf Bk 53:197

For reducing
Kon MC 16440 p.140
2 " " 16442 p.142

a	6.3	3.22
b	7.3	2.84
c	7.7	2.68
d	9.1	2.09
e	9.7	1.96
f	~~7~~	.

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Sequences Near N Pole

March 27, 1920

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Sc V

MC 16h42 Pole

	Sc 1	Sc 2	
8		3.9	
9		4.7 (480) 4.9	
10		5.1	
11		6.1	
12		6.5	
13		7.1	Copied p 139
14		7.5	
15		7.9	
16		8.4	
17		8.7	
18		9.3	
19		9.8?	

Seq V

		cu	Magn Copied Bln 53, 213
a	6.1	.	.
b	7.3	3.13	10.43
c	6.0	.	.
d	8.1	2.63	10.73
e	6.5	3.40	9.90
f	9.8	1.60 e	11.40 E
g	8.7	2.27	10.97
h	7	.	7

Reduced with Bon MC 16h41 fr 141

Seq D

		cu	Magn. Copied Bln 53, 201
a	6.1	3.33	9.43
b	7.0	2.94	9.94
c	7.5	2.73	10.23
d	7.7	2.64	10.34
e	8.2	2.44	10.64
f	8.9	2.15	11.05
g	9.3	2.03	11.33
h	9.8	1.88	11.68

Reduced with N on MC 16h41 fr 141

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Sequences Near N Pole

March 27, 1920

Series 978

ScV

MC 1614/143

Seq V

		Cu	Magn	
a	5.7	3.45	9.15	Copied 53; 206
b	4.3	4.00	8.30	
c	7.0	2.89	9.89	
d	7.5	2.72	10.22	
e	6.3	3.17	9.47	
f	7.5	2.72	10.22	
g	8.3	2.49	10.79	
h	8.0	2.58	10.58	
k	9.7	2.15	11.85	

Seq U

		Cu.	Magn	
a	6.3	3.50	9.80	Copied Bk. 53; 211
b	7.3	3.04	10.34	
c	6.3	3.50	9.80	
d	7.9	2.73	10.63	
e	8.5	2.40	10.90	
f	8.9 8.7	2.23	11.03	
g	9.7	1.65	11.35	
h	8.9	2.15	11.05	
k	7		7	

Reduced with Bon MC 1614H1 fil H1

Seq R

		Cu	Magn	
a	6.6	3.11	9.71	Copied Bk. 53; 202
b	7.0	2.93	9.93	
c	7.3	2.81	10.11	
d	7.7	2.64	10.34	
e	8.7	2.24	10.94	
f	8.1	2.47	10.57	
g	8.0	2.53	10.53	
h	7.8?	1.88	11.68?	
k	8.5	2.32	10.82	

Reduced with Non MC 1614H1 fil H1

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Sequences Near N Pole

March 27, 1920

Series 978

Sc V

MC 16h 44m Sc 1 — Sc 2

Seq b

Copied 53.204

		Mag	Mag
a	5.1	3.70	8.80
b	6.1	3.25	9.35
c	7.5	2.72	10.22
d	6.9	2.93	9.83
e	8.1	2.54	10.64
f	7.3	2.78	10.08
g	7.6	2.69	10.29
h	9.1	2.29	11.39
k	9.5	2.20	11.70
l	8.7	2.37	11.07

MC 16h 45 Pole

8 B

9	4.5 (4.6)	4.6.5	4.7
10			5.0
11			6.0
12			6.5
13			7.2
14			7.5
15			8.0
16			8.3 (8.40) 8.5
17			8.8
18			9.1 (9.60) 9.5
19			

Copied from 139

2.145

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Dec V

10:20

Sequences Near N Pole

March 29, 1920

Series 978

		mc 16439 Sc 1	mc 16439 Sc 2	16442 Pg 146	16445 Pg 146	Mean	Off Bk 53; 186
Seq B							
	a		6.9	7.1	6.9	6.97 1 13 1	3.01
For reducing	b		7.5	7.5	7.3	7.43 1 1 13	2.85
E on mc 16440 p 145	c		8.3	8.2	8.3	8.27 3 1 3	2.59
D " " 16441 " 145	d		7.1	7.0	7.0	7.03 1 3 3	3.08
V " " 16443 " 146	e		9.5	9.3	9.7?	9.50 0 2 2	1.76
W " " 16444 " 146	f		9.5	9.2	9.3	9.33 11 13 3	1.94
	g		9.7	9.7	9.7	9.70 0 0 0	1.86

Sc

Seq E — mc 16440

		cu	magn.
	a	6.1	. Copied Bk 53; 189
Reduced with	b	7.0	3.05	10.05
Mean B on mc 16439 p 145	c	5.9	.	.
" " " 16442 - 146	d	7.7	2.76	10.46
" " " 16445 - 146	e	8.5	2.37	10.87
	f	9.0	2.13	11.13
	g	9.5	1.89	11.39
	h	9.8	1.74	11.54

mc 16441

Seq D

		cu	magn.
	a	5.0	. Copied Bk 53; 188
Reduced with	b	5.3	.	.
B on mc 16439, 42, 45	c	8.1	2.58	10.68
	d	8.0	2.64	10.64
	e	7.9	2.67	10.57
	f	8.3	2.49	10.79
	g	9.8	1.74	11.54

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Sequences Near N Pole

March 29, 1920

Series 978

Seq V

MC 16442 Sec 1 Sec 2 Copied Pg 145

Seq B

a	7.1
b	7.5
c	8.2
d	7.0
e	9.3
f	9.2
g	9.7

MC 16445 Sec 2 Copied Pg 145

Seq B

a	6.9
b	7.3
c	8.3
d	7.0
e	9.7?
f	9.3
g	9.7

Plate boggled

See Seq V

MC 16443

		cm	Magn
	a	6.1	.
Reduced with B on MC 16439, 42, 45	b	7.2	2.98 7 — 10.17
	c	6.0	.
	d	7.9	2.67 — 10.57
	e	6.3	.
	f	9.8?	1.74 — 11.54?
	g	8.8	.37 2.40 — 10.87

Copied Bk 53; 213

MC 16444

Seq U

		cm	Magn
Reduced with B on MC 16439, 42, 45	a	6.1	.
	b	7.2	2.97 — 10.17
	c	6.3	.
	d	7.8	2.73 — 10.53
	e	8.3	2.49 — 10.79
	f	8.5	2.38 — 10.88
	g	9.5	1.88 — 11.38
	h	8.7	2.26 — 10.96

Copied Bk 53; 211

11.40

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Sequences Near N Pole

March 30, 1920

Series 978

Dec V

10:35

Mc 16441

Sc 1 Sc 2

Dec 7

Copied 53:190

		Cu	Magn
a	6.7	3.06	9.76
b	7.5	2.73	10.23
c	7.7	2.67	10.37
d	7.5	2.73	10.23
e	8.2	2.45	10.65
f	7.5	2.73	10.23
g	9.0	2.11	11.11
h	8.1	2.50	10.60
k	9.8?	1.87	11.67?

Dec H

Reduced with N on Mc 16443 p 149

Copied BK 53:192

			Cu	magn.
a	6.2		.	.
b	7.1	7.00 / 6.9	2.86	9.86
c	7.7	7.60 / 7.5	2.64	10.24
d	8.5		2.28	10.78
e	8.1		2.43	10.53
f	8.9		2.15	11.05
g	9.0		2.13	11.13
h	9.7?		1.95	11.65?

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YELLOW

Sequences Near N Ode

Sc V

March 30, 1920

Series 978

mc 16442

Sc 1 Sc 2

Seq D

		Cu	Magn
a	6.7	3.06	9.76
b	7.5	4.73	10.23
c	7.9	2.58	10.48
d	6.7	3.06	9.76
e	6.5	3.15	9.65
f	7.7	2.66	10.36
g	8.9	2.15	11.05
h	9.7	1.88	11.58

Copied 53:191

Seq K

		Cu	Magn
a	5.9	.	.
b	6.5	3.04	9.54
c	6.9	2.91	9.81
d	7.5	2.66	10.16
e	7.7	2.59	10.29
f	7.0	2.86	9.86
g	7.9	2.51	10.41
h	8.2	2.39	10.59
k	9.5	1.98	11.48

Copied 53:194

Reduced with N on mc 16443 f, 149

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Sequences Near N Pole Plot 59

ScV March 30, 1920 Series 978

Mc 16443 Pole

	Sc 1	Sc 2	Diff.
8		3.9	4.09
9		4.8	3.88
10		5.1	3.75
11		6.0	3.36
12		6.5	3.03
13		7.2	2.88
14		7.5	2.74
15		8.0	2.66
16		8.8	2.17
17		9.0	2.10
18		9.7	1.92

Seq N Diff Bks 53; 197 Plot 70

For reducing a	6.5	3.02
H on Mc 16441 f. 147 b	7.4	2.74
K " " 16442 f. 148		
L " " 16444 f. 150 c	7.8	2.58
d	9.1	2.09
e	9.7	1.96
f	7	

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Sequences Near N Pole

March 30, 1920 (Series 978)

Dec

Me 16444

Sec 1 Sec 2

Copied 53; 206

Seq 1

		Cu	Magn
a	5.8	3.43	9.23
b	4.4	3.98	8.38
c	7.1	2.91	10.01
d	7.5	2.73	10.23
e	6.5	3.15	9.65
f	7.7	2.67	10.37
g	8.5	2.31	10.81
h	8.1	2.50	1060
k	7	.	;

For Red

Ho
N.
2
R

Seq 2

Copied Bk 53; 201

		Cu	Magn
a	6.2	.	.
b	7.0	2.86	9.86
c	7.5	2.65	10.15
d	7.9	2.51	1041
e	8.3	2.35	1065
f	8.8	2.18	10.98
g	9.1	2.10	11.20
h	9.7	1.95	11.65
k	7		7

Reduced with N on Mc 16443 p 149

Red

No

S

11.45

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9:30 Sequences Near N Pole

March 31, 1920

Dev

Me 16439

Seq M

	Sec 1	Sec 2	16442 Pg153	16445 Pg155	Mean	Diff Bk53; 197 Pl #70
		6.5	6.3	6.2	6.33	3.19
a	w.s	7.0	7.40	7.5	7.47	3.67
b		7.5	7.7	7.7	7.77	2.61
c		8.0 7.8	8.9	9.0	9.00	2.19
d		9.1	9.9?	9.8	9.83	1.83
e		9.8				
f		n.s				
g						

7.90

For Reducing

H on Mc 16440 p.151
H " " 16441 " 152
2 " " 16443 " 154
R " " 16444 " 155

Mc 16440

Seq H

		cu.	magn	
a	6.1	3.27	9.37	Copied Bk 53; 192
b	6.9	2.93	9.83	
c	7.5	2.66	10.16	
d	8.3	2.41	10.71	
e	8.1	2.46	10.56	
f	9.0	2.16	11.16	
g	9.2	2.08	11.28	
h	9.5	1.96	11.46	
k	9.7	1.91	11.61	

Reduced with H on Mc 16439 p.151
" " " 42 " 153
" " " 45 " 155

Seq L

		Cu	Magn	
a	6.8	2.87	9.67	Copied 53; 191
b	7.5	2.62	10.12	
c	7.9	2.47	10.37	
d	6.9	2.83	9.73	
e	6.5	3.00	9.50	
f	7.8	2.51	10.31	
g	8.9	2.08	10.98	
h	9.3?	1.95	11.25?	

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Sequences Near N Pole

March 31, 1920

Plot 60

Sev

Seq K

		Mc 16441 Sc1	Mc 16441 Sc2	cu.	magn
	a		6,3	3.19	9.49
Reduced with n	b		6,7	3.01	9.71
on Mc 16439, 42, 45	c		7,0	2.88	9.88
p 151, 3, 5	d		7.7	2.61	10.31
	e		7,8	2.57	10.37
	f		6,9	2.93	9.83
	g		8,0	2.51	10.51
	h		8.1	2.46	10.56
	k		9.7	1.91	11.61

Copied B&S 3, 194

Seq E

		Mc 16441 Sc2	cu	magn
Reduced with	a	6,1	.	.
B on Mc 16443 p 154	b	6,9	3.21	10.11
	c	5,7	.	.
	d	7,8	2.77	10.57
	e	8,3	2.51	10.81
	f	9.0	2.16	11.16
	g	9,7	1.78	11.48
	h	n.s		.

Copied B&S 3, 189

Mc 16441 Pole

			Diff
8	B		.
9	4.80 4.7	4.9	3.88
10	5.3		3.55
11	6.20 6.3	6.1	3.16
12	6.6		2.93
13	7.5		2.58
14	7.7		2.54
15	8.1		2.56
16	8.9		2.07
17	9.3		1.80
18	9.8		1.82

Re
on

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Sequences Near N Pole

March 31, 1920

Dec

MC 16442

	Sc 1	Sc 2		
Seq N				
a		6.3		
b		7.5 7H0 7.3		
c		7.7		
d		8.9		
e		9.7		
f		n.s		
Seq J				
			Cu	Magn
a		5.9	3.29	9.19
b		4.5	4.00	8.50
c		7.0 7.3 7.1	2.72	9.92
d		7.5	2.62	10.12
e		6.5	3.00	9.50
f		7.6 7.5 7.7	2.59	10.19
g		8.8	2.12	10.92
h		8.15 8.0 8.3	2.38	10.53

Copied 53; 206

Seq D

Reduced with B on MC 16443 p. 154

Copied B&S 53; 188

			Cu	Magn
a		5.1	.	.
b		5.4	.	-
c		8.0	2.66	10.66
d		8.1	2.61	10.71
e		8.0	2.66	10.66
f		8.2	2.56	10.76
g		9.8	1.74	11.54

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DeV

Sequences Near N Pole
March 31, 1920

Mc 16443

Sc 1 Sc 2

Seq 2

			Cu	Magn	Cu	magn.
Reduced with n	a	6.3	~~.298~~	~~9.28~~	3.28	9.48
on Mc 16439, 42, 45	b	7.1	~~.277~~ Curve	~~9.87~~	2.83	9.93
& 151, 153, 155	c	7.7			2.61	10.31
	d	8.0			2.51	10.51
	e	8.5			2.34	10.84
	f	8.9			2.19	11.09
	g	9.2			2.08	11.28
	h	9.8			1.86	11.66

Copied Bb 53; 201

Copied 53; 204

Seq D

		Cu	Magn
a	5.0	3.71	8.71
b	6.1	3.18	9.28
c	7.7	2.54	10.24
d	7.0	2.80	9.80
e	8.1	2.40	10.50
f	7.2	2.72	9.92
g	7.5	2.62	10.12
h	9.3	1.96	11.26
k	9.7	1.82	11.52
l	8.5?	2.24	10.74?

Seq B

Diff Bb 53; 186 Plot 70

for reducing

& on Mc 16441 & 152
D .. .. 16442 .. 153
V .. .. 16444 .. 155

a	6.7	3.28
b	7.5	2.78
c	8.1	2.76
d	6.9	3.21
e	9.2	2.06
f	9.0	2.27
g	9.8	1.76

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Sequences Near N Pole
March 31, 1920

Sc V

Mc 16444

Seq R

	Sc 1	Sc 2	Cu.	Magn.	
Reduced with	a		6,8	3.10	9.60 Copied Bk 53; 202
on Mc 16439 p 151	b		6.9	293	9.83
" " " 16442 p 153	c		7,3	2.76	10.06
" " " 16445 p 155	d		7,5	2.67	10.17
	e		8,8	2.23	11.03
	f		8,0	2.51	10.51
	g		7,9	2.54	10.44
	h		9,5	1.96	11.46
	k		8.3	2.40	10.70

Seq V

		Cu	Magn	
	a	5,9	.	. Copied Bk 53; 213
Reduced with B	b	7.1	3.11	10.21
on Mc 16443 p 154	c	5.9	.	.
	d	7.9	2.73	10.63
	e	6,3	.	.
	f	9,8	1.74	11.54
	g	8,3	2,50	10.80
	h	ns	.	ns
	k	8.7	2.31	11.01

Mc 16446

Seq N

Copied Bg 151

a	6,2
b	7.5
c	[illegible]
d	9,0
e	9,8

11; 30

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9.40

DeV

Sequences near N Cyg

Plot 60

April 1, 1920

MC 16702 Phe

	Se 1	Se 2	16709	MC 17605	1158	Mean	Diff	mean	Diff
8	B		3.0	3.0		3.10	4.89	3.00	4.99
9	3.5		3.90	3.90		3.55	5.13	3.75	4.93
10	3.9	4.0	4.0	4.0		4.00	4.85	4.00	4.85
11		5.0	5.0	4.7		4.85	4.51	5.00	4.36
12		5.3	5.3	5.1		5.20	4.33	5.30	4.23
13		6.1	6.1	6.1		6.10	3.98	6.10	3.63
14		6.5	6.4	6.3		6.40	3.84	6.45	3.79
15		7.2	6.9	6.8		7.00	3.66	7.05	3.61
16		7.7	7.5	7.5		7.55	3.42	7.55	3.42
17		7.7	7.7	7.7		7.70	3.40	7.70	3.40
18		8.5	8.5	8.3		8.40	3.22	8.50	3.12
19		8.9	9.1	8.8		8.90	3.06	8.95	3.01
20			9.1					9.10	3.14
21			9.3	9.0		9.00	3.24	9.30	3.03

Seq V

		Cw	Magn	
a	4.9	4.51	9.41	Copied 53:213
b	6.0	4.03	10.03	
c	5.0	4.46	9.46	
d	7.0	3.69	10.69	
e	5.3	4.32	9.62	
f	8.6	3.20	11.80	
g	7.3	3.58	10.88	
h	9.0	3.12	12.12	
k	9.3	3.11	12.41	
l	9.8	,	,	

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Sequences Near N Pole

April 1, 1920

Sc V

MC 16703

Sc 1 Sc 2

Seq B

Copied 53:216

				Cu	Magn
a	3.1 3.0			5.02	8.12
b	B			.	.
c	3.6 3.5			4.86	8.46
d		W.S ~~5.7~~	5.7	4.06	9.76
e		5.90 6.0	5.8	3.98	9.80
f		6.8		3.67	10.47
g		6.8		3.67	10.47
h		7.1		3.58	10.68
k		7.9		3.33	11.23
k'		8.25 8.2	8.3	3.22	11.47
l		9.1		3.04	12.14
m		9.7		.	.

Plate badly fogged

Seq K

Copied 53:194

	Cu	Magn
a	5.1 4.42	9.52
b	5.5 4.24	9.74
c	6.0 4.03	10.03
d	6.5 3.88	10.38
e	6.7 3.80	10.50
f	5.5 4.24	9.74
g	6.9 3.72	10.62
h	7.1 3.65	10.75
k	8.3 3.27	11.57
l	8.8 3.16 9	11.95
m	9.1 3.12	12.22
n	8.9 3.14	12.04

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Plot 60

Sequences Near N Pole

April 1, 1920

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Seq V

MC 16705
Sc 1 Sc 2

Seq K

		Cw	Magn
a	5.1	4.31	9.41
b	5.5	4.15	9.65
c	5.9	3.98	9.88
d	6.3	383	10.13
e	6.5	377	10.27
f	5.5	415	9.65
g	7.0	3.61	10.61
h	7.2	3.55	10.75
k	8.1	3.27	11.37
l	8.7	3.12	11.82
m	9.2	3.02	12.22
n	9.0	3.05	12.05

Pole —

			Diff
8	3.1 3.0		4.89
9	3.6 3.5		5.08
10		4.0	4.85
11		4.7	4.66
12		5.1	443
13		6.1	3.98
14		6.3	3.94
15		6.8	3.86
16		7.5	3.47
17		7.7	3.40
18		8.3	3.32
19		8.8	3.16
20		9.0 9.1	3.14
21		+p	.

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Sequences Near N Pole

April 1, 1920

Seq V

MC 16706

Sc 1 Sc 2

Copied 53,213

		Cu	Magn
a	5.0	4.35	9.35
b	6.1	3.91	10.01
c	4.9	4.40	9.30
d	7.1	3.58	10.68
e	5.5	4.15	9.65
f	8.5	3.17	11.67
g	7.5	3.44	10.94
h	8.9	3.07	11.97
k	9.2	3.02	12.22
l	7	.	.

Seq S

Copied 53,218

			Cu	Magn
a	3.6 3.5		5.00	8.60
b	4.5	4.4 4.3	4.73	9.13
c	7.3	3	3.58	10.88
d	7.5		3.51	11.01
e	8.2		3.30	11.50
f	7.8		3.41	11.21
g	8.8		3.16	11.96
h	9.8		.	
k	9.0		3.12	12.12
l	9.7		.	.

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b c YELLOW

Sequences Near N Pole

April 1, 1920

Seq S

	MC 16707 Sc 1	Sc 2	Cu	Magn	Copied 53:218
a	3.4 3.3		4.93	8.33	
b		4.3	4.63	8.93	
c		7.3	3.51	10.81	
d		7.5	3.44	10.94	
e		8.2 8.3	3.24 8.1	11.44	
f		7.8	3.37	11.17	
g		8.6	3.13	11.73	
h		9.2	3.02	12.22	
K		9.0	3.05	12.05	
l		9.7	.	.	

Pole — MC 16709

8	3.0 2.9			
9	3.9 3.8	3.90	3.9	
10			4.0	
11			5.0	
12			5.3	
13			6.1	Copied p. 156
14			6.4	
15			6.9	
16			7.5	
17			7.7	
18			8.5	
19			8.9	
20			9.1	
21			9.3	
22			7	

11:30

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1920phae.proj.1013L

YELLOW

10;40

Sequences Near N Pole

April 6, 1920

DcV

Plot 63

		Mc 16702 Sc1	Mc 16702 Sc2	B 53;186 Diff
Seq B				
for reducing	a		6.0	3.98
H on mc 16703 p 162	b		6.5	3.78
W " " 16706 p 164	c		7.1	3.76
	d		5.9	4.21
	e		8.1	3.16
Mean Diff	f		8.0	3.27
	g		8.5	3.06
	h		9.5	2.78
	k		10.5	.

				B 53;206 Diff. Plot 63
Seq J				
	a		4.8	4.40
for reducing	b	B		.
L on mc 16703 p 162	c		5.9	3.92
W " " 16706 p 164	d		6.3	3.78
	e		5.2	4.32
	f		6.7 (6.60)	6.5 3.63
	g		7.5	3.32
	h		6.9	3.66
	k		8.9 (8.80)	8.7 3.05
	l		9.3	.
	m		9.0	.
	n		9.7	.

		Mc 16702 Sc2
Seq D		
	a	4.0
	b	4.2
	c	7.1
	d	7.2 (7.05) 6.9
	e	7.1 (7.00) 6.9
	f	7.1
	g	8.9
	h	9.8:

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Sequences Near N Pole

April 6, 1920

Seq V

Mc 16783

Sc 1 Sc 2

Deg to

Reduced with
B on Mc 16702 p. 161
G " " 16705 p. 163

		1 Cm from B on Mc 16702	2 Cm from G. 16705	1 magn.	2 magn.
a	5.0	.	.	.	.
b	5.9	4.13	3.94	10.03	9.84
c	6.5	3.91	3.72	10.41	10.22
near crack d	7.1	3.66	3.48	10.76	10.58
e	7.0	3.72	3.53	10.72	10.53
f	8.0	3.26	3.11	11.26	11.11
g	8.1	3.23	3.06	11.33	11.16
h	8.5 8.3 (8.4 p.l.)	3.11	2.96	11.41	11.36
k	8.5	3.06	2.92	11.56	11.42
l	9.7	2.71	2.45 e	12.41	12.15 e

Copied Bk 53, 194

Seq VI

		1 Cm from T Mc 16702	2 Cm from n Mc 16705	1 magn.	2 magn.
Reduced with					
T on Mc 16702 p. 161	a 4.9	4.37	.	9.27	.
n " " 16705 " 163	b 5.5	4.14	4.12	9.64	9.62
	c 5.0	4.34	.	9.34	.
	d 6.0	3.92	3.92	9.92	9.92
	e w.s ~~6.9 6.7~~ 6.1	3.86	3.86	9.96	9.96
	f ~~7.1 7.3~~ (7.20 p.l.)	3.50	3.45	10.70	10.65
	g 7.7	3.34	3.26	11.04	10.96
	h 8.5 8.3 (8.40 p.l.)	3.13	3.05	11.53	11.45
	k 8.8	3.05	2.95	11.85	11.75
	l 9.0	3.02	2.90	12.02	11.90
	m 9.7	2.90 e	2.74	12.60 e	12.44
	n 9.0	3.02	2.90	12.02	12.02

Copied Bk 53, 195

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Sequences Near N Pole

April 6, 1920

Dec Mc 16705

	Seq 1	Seq 2	Plot 63 Diff B 53: 191
Seq G			
For reducing p. 162	a	5.8	3.95
How Mc 16703 164	b	6.6	3.70
W " " 16706	c	7.0	3.46
	d	5.7	4.08
	e	5.5	4.14
	f	6.7	3.61
	g	7.8	3.34
	h	7.9	3.68
	k	9.5	
	l	9.7	
Seq N			Plot 63 Diff 53: 197
	a	5.3	4.22
	b	6.4	3.74
	c	6.8	3.58
	d	8.0	3.19
	e	8.7	2.96
	f	9.3	2.64
	g	9.6	2.91
	h	9.8?	
Seq T			
	a	5.6	
	b	6.5	
	c	6.7	
	d	6.3	
	e	7.3	
	f	6.3	
	g	8.0	
	h	7.1	
	k	8.3	
	l	7.9	

m 8.0
n 8.8
o 9.7?

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Sequences Near N Pole

April 6, 1920

Sc V

Mc 16706

Sc 1 Sc 2

Copied Bk 53: 214

Seq W

			cu 1 from B 16702	cu 2 from G 16705	1. B magn	2. G magn
Reduced with	a	5.2	.	.	.	.
Bon Mc 16702 p. 161	b	4.4	.	.	.	.
G " " 16705 " 163	c	5.1	.	.	.	.
	d	7.0	3.72	3.53	10.72	10.53
	e	6.3	3.96	3.78	10.26	10.08
	f	8.1	3.23	3.06	11.33	11.16
	g	8.0	3.26	3.12	11.26	11.12
	h	8.9	2.94	2.75	11.84	11.65
	K	9.5	2.76	2.52 e	12.26	12.26 e
	l	x.5	.	.	x	.
	m	9.0	2.92	2.72	11.92	11.72
	n	9.8	2.67 e	2.42 e	12.47 e	12.22 e

Copied Bk 53: 211

Seq H

			cu 1 from Jon Mc 16702	cu 2 from Jon Mc 16705	1 magn	2 magn
Reduced with	a	5.2	4.26	4.23	9.46	9.43
Jon Mc 16702 p. 161	b	6.3	3.80	3.79	10.10	10.09
H " Mc 16705 p. 163	c	5.7	4.05	4.04	9.75	9.74
	d	7.1	3.53	3.49	10.63	10.59
	e	7.5	3.39	3.33	10.89	10.83
	f	7.9	3.27	3.20	11.17	11.10
	g	8.3	3.16	3.07	11.46	11.37
	h	7.9	3.27	3.20	11.17	11.10
	K	9.0	3.02	2.90	12.02	11.90
	l	9.7	2.90 e	2.73	12.60 e	12.43
	m	9.7	2.90 e	2.73	12.60 e	12.43

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ScV

Sequences Near N Pole

April 6, 1920

Mc 16706 cont

	ScA1	ScA2
Seq a		
a		6.1
b		6.7
c		7.1
d		7.3
e		7.5
f		7.8
g		7.5
h		8.9
k		9.3
l		9.0
m		9.8:

Mc 16709

Seq D	
a	4.0
b	4.3
c	7.3
d	6.9
e	7.1
f	7.3
g	8.9
h	9.7
k	10.5

12:05

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Sequences Near N Pole

April 7, 1920

Copied BK53, 192

DcV

10:10

mc 16705 Sc1 Sc2

Seq A

		1	2	1	2
		Cu from B mc 16706	Cu from G mc 16709	magn	magn
Reduced with	a	5.0	.	.	.
B on mc 16706 p 166	b	5.9	4.01	3.98	9.91	9.88
G " " 16709 p 167	c	6.7	3.73	3.63	10.43	10.33
	d	7.3	3.51	3.44	10.81	10.74
	e	7.1	3.57	3.49	10.67	10.59
	f	7.9	3.28	3.26	11.18	11.16
	g	8.1	3.21	3.22	11.31	11.32
	h	8.5	3.04	3.13	11.54	11.63
	k	8.3	3.12	3.16 e	11.42	11.46 E
	l	9.5	2.64	2.91 e	12.14	12.41 E

mc 16706 Plot 63

BK53; 186

Seq B

			BK
For reducing	a	6.1	3.88
Hon mc 16705 p 166	b	6.5	3.78
W " 16707 p 167	c	7.3	3.57 6
	d	6.1	4.01 3.88
	e	8.1	3.16
	f	8.9	3.25 7
	g	8.5	3.06
	h	9.7	2.58
	k	n.s	.

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Sequences Near N Pole

April 7, 1920

Seq V

Mc 16707

Cofield Bk. 53; 214

Seq W	Sc 1	Sc 2	cu from B mc 16706	cu for G on mc 16709	B magn	G magn
Reduced with	a	5.3	.	4.27	.	9.57
B on Mc 16706 p 166	b	4.3	.	.	.	.
G " " 16709 p 167	c	5.1	.	.	.	.
	d	7.1	3.57	3.49	10.67	10.59
	e	6.5	3.80	3.69	10.30	10.19
	f	8.2	3.16	3.20	11.36	11.40
	g	8.3	3.12	3.16 e	11.42	11.46 ε
	h	9.0	2.84	3.02 e	11.84	12.02 ε
	k	9.3	2.73	2.95 e	12.03	12.25 ε
	l	9.5	2.65	2.91 e	12.15	12.41 ε
	m	9.X	2.81	3.00 e	11.91	12.10 ε

Mc 16709

Plot 63

Bk. 53; 191

Seq G

For reducing			Dyp
H on Mc 16705 p 166	a	5.5	4.25
W " " 16707 p 167	b	6.5	3.70
	c	6.9	3.56
	d	5.5	4.28
	e	5.5	4.14
	f	6.8	3.51
	g	7.9	3.24
	h	8.0	3.58
	k	9.3	.
	l	Sup	.
	m	9.8	.

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Sequences Near N Pole

April 7, 1920

Dec V

Copied Bk 53; 195

Mc 16705

Sc 1 Sc 2

Deg R A

		Sc 1	Sc 2	1 Cu from J Mc 16706	2 Cu from n Mc 16709	1 magn	2 magn
Reduced with -	a	5.5	a 5.0	~~4.19~~ ~~4.044~~	~~4.45~~ ~~4.49~~	9.19	9.45
Jon Mc 16706 p. 168	b	6.3	b 5.5	~~3.98~~ ~~4.07~~	4.21	9.48	9.71
" n " " 16709 " 169	c	6.7	c 5.0	~~4.19~~ ~~4.044~~	~~4.45~~ ~~4.49~~	9.19	9.45
	d	7.9	d 6.1	3.76	3.94	9.86	10.04
	e	8.5	e 6.3	3.69	3.84	9.99	10.14
	f	9.3	f 7.1	3.42	3.50	10.52	10.60
	g	9.7	g 7.5	3.28	3.35	10.78	10.85
	h	7	h 8.1	3.13	3.16	11.23	11.26
			k 8.9	2.95	2.93	11.85	11.83
			l 9.1?	2.93	2.86	12.03?	11.96
			m 9.5	2.86e	2.76	12.36e	12.26
			n 9.0	2.94	2.90	11.94	11.90

Mc 16706

Deg D J

Plate 63
Bk 53; 206
Dec

For reducing	a	5.1	4.10
Jon Mc 16705 p. 168	b	4.5?	3.86?
U " " 16707 p. 169	c	6.1	3.72
	d	6.5	3.58
	e	5.3	4.22
	f	6.5	3.73
	g	7.6	3.22
	h	7.1	3.46
	k	8.9	2.95
	l	9.3	.
	m	9.1	.
	n	9.8	.

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Sequences Near N Pole

April 7, 1920

Scv

Mc 16747 Sc 1 Sc 2

Seq U

Reduced with J on Mc 16706 p 168, n " " 16709 " 169

			J from Mc 16706	n from 16709	J magn	n magn
a	5.3		4.05	4.30	9.35	9.60
b	6.3		3.70	3.84	10.00	10.14
c	5.5	5.3 (5.40, 1)	4.03	4.25	9.43	9.65
d	7.0		3.46	3.54	10.46	10.54
e	7.6		3.26	3.34	10.86	10.94
f	7.8		3.21	3.27	11.01	11.07
g	8.2		3.11	3.14	11.31	11.34
h	7.8		3.21	3.27	11.01	11.07
k	9.1		2.93	2.86	12.03	11.96
l	9.5	9.3 (9.40, 1)	2.88 e	2.80	12.28 e	12.20
m	9.7		2.84 e	2.73	12.54 e	12.43

Copied Bk 53; 211 " "

Seq

Mc 16709

Plot 63

Bk 53; 94.

Seq N

For reducing J on Mc 16705 p 168, n " " 16707 p 169

a	5.2	4.32
b	6.2	3.94
c	6.7	3.68
d	8.0	3.19
e	8.5	3.16
f	9.1	2.84
g	9.7	2.71
h	7	

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170

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Plate 60

Sequences Near N Pole

April 7, 1920

Sc V

Seq B

ME 16706 Sc 1 Sc 2

	32		Cu	Magn	Copied 53.216
a	3.1		4.82	8.02	
b	B		.	.	
c		3.7	4.73	8.43	
d		5.5	4.14	9.64	
e		5.7	4.07	9.77	
f		6.8	3.70	10.50	
g		6.7	3.72	10.42	
h		6.9	3.67	10.57	
k		7.8	3.38	11.18	
l		9.0	2.98	11.98	
m		9.8?	2.70	12.50?	

ME 16706 Sole

	32	Diff	
8	3.1		4.79
9		4.0	4.68
10		4.2	4.65
11		5.0	4.36
12		5.4	4.13
13		6.2	3.88
14		6.5	3.74
15		7.0	3.66
16		7.5	3.47
17		7.8	3.30
18		8.3	3.32
19		9.0	2.96
20		9.5	2.74
21		9.8?	

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Sequences Near N Pole

April 7, 1920

Sc V

~~to 1.45~~

MC 16707

Sc 1 Sc 2

Seq V

		Cu	Magn	
a	4.9	4.47	9.37	Copied 53:213
b	6.3	3.86	10.16	
c	5.0	4.33	9.33	
d	7.2	3.58	10.78	
e	5.7	4.08	9.78	
f	8.3	3.20	11.50	
g	7.5	3.48	10.98	
h	9.0	2.98	11.98	
k	9.3	2.88	12.18	

Sc MC 16709

Seq 1 —

		Cu		
a	5.3	4.22	9.52	Copied 53:194
b	5.6	4.11	9.71	
c	6.1	3.93	10.03	
d	6.5	3.79	10.29	
e	6.7	3.72	10.42	
f	5.5	4.14	9.64	
g	6.8	3.70	10.50	
h	7.3	3.54	10.84	
k	8.3	3.20	11.50	
l	8.7	3.08	11.78	
m	9.3	2.88	12.18	
n	9.8?	#270	12.50?	

12.05

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YELLOW

10,30
Sc V

Sequences Near N Pole

April 8, 1920

Plot 61

		Sc 1	Sc 2	16715 p 178	mean	Diff	
8		3.1 3.0 3.9 3.8	3.95	3.2	3.15	4.84	
9			4.0	4.00	4.00	4.68	
10			4.2	4.3	4.25	4.60	
11			5.0	5.1	5.05	4.31	
12			5.5	5.5	5.50	4.03	
13			6.1	6.3	6.20	3.88	
14			6.5	6.7	6.60	3.64	
15			6.9	7.1	7.00	3.66	
16			7.3	7.7	7.50	3.47	
17			7.6	7.9	7.75	3.35	
18			8.3	8.5	8.40	3.22	
19			9.1	9.1	9.10	2.86	
20			9.5	9.5	9.50	2.74	
21			9.7?		9.70	2.63	

Seq D

Reduced with Gon mc 16712 p 175

		cu.	magn.
a	4.0	.	. Cfied Bk 53, 188
b	4.3	.	.
c	7.5	3.35 4	10.84
d	7.0	3.53	10.53
e	7.2	3.46	10.66
f	7.3	3.42	10.72
g	8.7	3.01 e	11.71 e
h	9.5	3.35 e	12.85 e
k	7		7
b			

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Sequences Near N Pole.

SeV

April 8, 1920

Bk 58; Plt 64

Mc 16710

Seq J.		Sc 1	Sc 2	16715 ƒ178	mean	Diff.
	a	16715 ƒ178	5.0	4.9	4.95	4.28 5
for reducing	b	B 3.7 3.8			3.80 3.7	4.66
On Mc 16711 ƒ174	c		6.1	6.1	6.10	3.72
W " " 16714 ƒ177	d		6.5	6.3	6.40	3.68
	e		5.5	5.5	5.50	4.02
	f		6.7	6.5	6.60	3.63
	g		7.7	7.7	7.70	3.12
	h		7.1 7.20	7.3	7.1 7.15	3.41
	k		9.0 8.95	8.9	8.9 8.92	2.93
	l		9.1	9.2	9.15	.
	m		9.0	8.9	8.95	.
	n		9.7	9.7	9.70	.

Mc 16711

Copied 53.196

Seq M		Sc	Cw	Magn
	a	5.7	4.04	9.74
	b	6.2	3.85	10.05
	c	6.8 7.40	3.68 3.50	10.48
	d	7.5	7.3	10.90
	e	7.5	3.47	10.97
	f	8.0	3.30	11.30
	g	8.3	3.20	11.50
	h	8.5	3.14	11.64
	k	9.0	2.95	11.95
	l	9.3	2.84	12.14
	m	9.5	2.75	12.25

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Sequences Near N. Pole

April 8, 1920

Sec V

Mc 16711 (cont)

Sec 1 Sec 2

Seq K

		cu	magn. Copied Bk 53; 194
Reduced with	a 5.2	4.40	9.60
Son Mc 16712 p 175	b 5.5	4.21	9.71
	c 6.1	3.91	10.01
	d 6.5	3.73	10.23
	e 6.8	3.62	10.42
	f 5.6	4.15	9.75
	g 6.9	3.58	10.48
	h 7.2	3.46	10.68
	k 8.3	3.10 e	11.40 E
	l 8.5	3.54 e	12.04 E
	m 9.1	2.93 e	12.03 E
	n 9.7	2.82 e	12.52 E

Seq O

			cu	magn	
		5.60 1			Copied Bk 53; 199
Reduced with	a	5.7 5.5	3.96	9.56	
Jon Mc 16710, 15	b	5.3	4.06	9.36	
p 173, 178	c	5.5	4.00	9.50	
	d	6.7	3.55	10.25	
	e	7.7	3.22	10.92	
	f	7.1	3.41	10.51	
	g	7.3	3.34	10.64	
	h	7.5	3.26	10.76	
	k	8.1	3.08	11.18	
	l	8.5	3.00	11.50	
	m	8.8	2.95	11.75	
	n	9.0	2.92	11.92	
	o	9.1	2.89	11.99	
	p	9.9	2.75 e	12.65 E	

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Sequences Near N Pole

April 8 1920

Sc V

Mc 167,12
Sc 1 Sc 2

Seq N

Copied 53:197

		Cw	Magn
a	5.3	4.19	9.49
b	6.5	3.75	10.25
c	6.7	3.70	10.40
d	8.0	3.30	11.30
e	8.5	3.14	11.64
f	9.2	2.89	12.09
g	9.8	2.63	12.43
h	n.s	.	.

Seq S

Bk 53:191
Diff Plot 64

a	5.7	4.05
b	6.4	3.80
c	7.0	3.46
d	5.5	4.28
e	5.3	4.34
f	6.7	3.61
g	8.0	3.14
h	7.9	3.68
k	9.3	.
l	9.5	.
m	7	.

for reducing
Dom mc 16710 p 172
K " " 16711 p 174
C " " 16713 p 176

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Sequences Near N Pole

April 8, 1920

Dec

Seq B

	Sc 1	Sc 2	Cu	Magn	Copied 53, 186
		6.1	3.99	10.09	
a		6.5	3.76	10.26	
b		7.5	3.47	10.97	
c		6.3	3.81	10.11	
d		8.1	3.26	11.36	
e		8.0	3.30	11.30	
f		8.5	3.14	11.64	
g					
j		9.60	2.72		
k		9.5	97	12.30	
k		n.s	.	.	

Seq b

Reduced with Sou mc 16712 f. 175

		Cu	Magn	Copied B b 53, 187
a	4.8	.	.	
b	6.9	3.56	10.46	
c	5.9	4.01	9.91	
d	6.5	3.73	10.23	
e	7.5	3.35	10.85	
f	8.0	3.19	11.19	
g	7.1	3.49	10.59	
h	7.5	3.34	10.84	
k	9.3	2.89 e	12.19 e	
l	9.5 (9.60 1)	2.83 e	12.43 e	
m	9.8	2.80 e	12.60 e	

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YELLOW

Sequences Near N Pole

April 8, 1920

ScV

Mc 16714

Sc1 Sc2

Seq a

Copied 63:185

		Cu	Magn
a	6.3	3.82	10.12
b	6.5	3.75	10.25
c	7.0	3.62	10.62
d	7.3	3.53	10.83
e	7.5	3.47	10.97
f	7.80 7.7	3.36 7.9	11.16
g	7.5	3.47	10.97
h	9.0	2.95	11.95
k	9.6	2.74	12.24
l	7	,	,
m	n.s	,	,

Seq W

Copied Bk 53, 214

		Cu	magn
Supp? a	5.0	4.20	9.20
b	4.3 4.40	4.41	8.81
c	5.5	4.01	9.51
d	6.9	3.89	10.39
e	6.5	3.64	10.14
f	8.0 8.05 8.1	3.11	11.16
g	8.3	3.04	11.34
h	8.9	2.93	11.83
k	9.3	2.85e	12.15E
l	n.s	.	n.s
m	9.0	2.92	11.92
n	7	.	

Reduced with I on Mc 16710 p.173 ... ... 16715 p.178

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S.V YELLOW

Sequences Near N. Pole
April 8, 1920

MC 16715 Pole

	Seq 1	Seq 2	
8	3.2 3.1		
9	4.0 3.9 4.00	4.0	
10		4.3	
11		5.1	
12		5.5	
13		6.3	
14		6.7	Cepheid P 172
15		7.1	
16		7.7	
17		7.9	
18		8.5	
19		9.1	
20		9.5	

Seq J

a	4.9	Cepheid P 173
b	3.7 3.6	
c	6.1	
d	6.3	
e	5.5	
f	6.6	
g	7.7	
h	7.1	
k	8.9	
l	9.2	
m	8.9	
n	9.7	

1' 3.6

Preceding series of plates unevenly fogged

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YELLOW

10:40

Sq V

Sequences Near N Pole.

April 9, 1920

Me 16710

Sc 1 Sc 2

Seq B

		Cw	Magn	
a	6.0	3.95	9.95	Copied 53.186
b	6.7	3.73	10.43	
c	7.5	3.55	11.05	
d	6.5	3.79	10.29	
e	8.1	3.38	11.48	
f	8.0	3.41	11.41	
g	8.3	3.32	11.62	
h	7	.	.	

Me 16711

Seq N

a	5.5	4.12	9.62	Copied 53.197
b	6.5	3.79	10.29	
c	6.8	3.72	10.52	
d	8.1	3.38	11.48	
e	8.7	3.17	11.87	
f	9.1	2.99	12.09	
g	9.7	2.69	12.39	
h	n.s	.	.	

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Plot 61

YELLOW

Sequences Near N Pole

April 9, 1920

ScV

Me 16712 Pole

	3a1	3a2	Diff
8	3.5 3.0		4.89
9		4.0	4.68
10		4.2	4.65
11		5.1	4.26
12		5.6	3.93
13		6.1	3.98
14		6.5	3.74
15		7.1	3.56
16		7.4	3.57
17		7.5	3.60
18		8.1	3.52
19		8.9	3.06
20		9.5	2.74

Se Me 16713

Seq a

Copied 53.185

	Cw	Magn	
a	6.5	3.79	10.29
b	6.7	3.73	10.43
c	7.1	3.65	10.75
d	7.5	3.54	11.04
e	7.7	3.50	11.20
f	8.0	3.41	11.41
g	7.7	3.50	11.20
h	F	,	,
k	ns	,	,

11:15

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YELLOW

12-08

Sequences Near N Pole

April 9, 1920

DeV

MC 16710

	Sc 1	Sc 2	cu	magn. Cofjied 53, 213
Seq V				
a		5.0	4.33	9.33
Reduced with b		6.3	3.70	10.00
J on Mc 16712 c		4.9	4.36	9.26
p 182 d		7.1	3.36	10.46
e		5.5	4.08	9.58
f		8.3	3.02	11.32
g		7.5	3.23	10.73
h		9.0	2.87	11.87
k		9.1	2.85	11.95
l		n.s	.	n.s

MC 16711

		cu.	magn. Cofjied 53, 201
Seq 2			
a	5.3	4.17	9.47
Reduced with b	6.1	3.76	9.86
J on mc 16712 c	6.5	3.61	10.11
p 182 d	7.0	3.42	10.42
e	7.7	3.17	10.87
f	8.0	3.08	11.08
g	8.3	3.02	11.32
h	8.8	2.93	11.73
k	9.1	2.85	11.95
l	9.8	2.73 e	12.53 ? e

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YELLOW

Sequences Near N Pole

April 9, 1920

Dec V

		Mc 16712 Sc 1	Sc 2	Bks 53; 206 Dft Plot 64
	a		4.9	4.30
For reducing	b	3.8 3.7		4.56
Von Mc 16710 p 181	c		6.1	3.72
2 " " 16711 p 181	d		6.5	3.58
W " " 16713 p 182	e		5.3	4.22
	f		6.6	3.63
	g		7.7	3.18
	h		7.1	3.46
	k		8.9	2.95
	l		9.1	.
	m		8.9	.
	n		7	.

Dec W

		Mc 16713	cu.	mgn. Copied 53; 214
	a		5.4	4.14	9.54
Reduced with	b		4.5	4.37	8.87
Von Mc 16712 p 182	c		5.3	4.17	9.47
	d		7.1	3.36	10.46
	e		6.2	3.68	9.88
	f		8.1	3.05	11.15
	g		8.0	3.08	11.08
	h		9.1	2.85	11.95
	k		+p	.	.
	l		7	.	.
	m		+p	.	.
	n		7.5	.	.

12, 50

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YELLOW

1:1.5

SCV

Sequences Near N Pole

April 9, 1920

Plate 64

Bk 53; 191

Diff

Me 16714

Sec 1 Sec 2

Seq g

		from P184 Me 16715	Mean	Diff	
a	5.6	5.5	5.55	3.65	4.20
b	6.3	6.2	6.25	2.11	3.95
c	6.8	6.7	6.75	3.07	3.71 ~~4.21~~
d	5.5	5.5	5.50	4.58	4.28
e	5.3	5.3	5.30	4.22	4.34
f	6.7	6.5	6.60	3.63	3.71
g	7.5	7.5	7.50	3.32	3.64
h	8.0	7.8	7.90	2.66	3.68
k	9.1	9.1	9.10	2.75	.
l	9.7	9.8?	9.75	.	.
m	n.s				

For reducing
g on Me 16711 p
C " " 16714 p

Me 16711

Seq g

		cu	magn
a	5.1	4.41	9.51
b	5.6	4.17	9.77
c	5.0	4.49 e	9.49 E
d	6.3	3.91	10.21
e	6.5	3.85	10.35
f	7.1	3.71	10.81
g	7.5	3.66	11.16
h	8.0	3.50	11.60
k	8.8	3.50 e	12.30 E
l	n.s	.	n.s
m	n.s	.	n.s.
n	9.0	3.48 e	12.48 E

Reduced with
G on Me 16710 p 183
" " " 16715 - 184

(Pied 53; 195

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Sequences Near N Pole

April 9, 1920

Sc V

Seq. C

Reduced with
Gon Mc 16710 p 183
" " 16715 " 184

Mc 16714

	Sc 1	Sc 2	cu.	Magn (Copied 53, 187)
a	4.6		.	.
b	6.7		3.80	10.50
c	5.7		4.13	9.83
d	6.3		3.91	10.21
e	7.5		3.66	11.16
f	8.0		3.60	11.60
g	7.0		3.72	10.72
h	7.7		3.64	11.34
k	9.3		3.44 e	12.74 e
l	9.7		3.40 e	13.10 e
m	7		.	7

Mc 16715

Copied on p 183.

G Seq

a	5.5
b	6.2
c	6.7
d	5.5
e	5.3
f	6.5
g	7.5
h	7.8
k	9.1
l	9.8

2:00

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YELLOW

10:45

Sev

Sequences Near N Ode

April 12, 1920

Seq M

	Mc 16712 Sc 1 cu	magn	Copied 53:196
a	5.7 4.00	9.70	
b	6.2 3.82	10.02	
c	7.0 3.54	10.54	
d	7.5 3.37	10.87	
e	7.5 3.37	10.87	
f	7.9 3.25	11.15	
g	8.1 3.21	11.31	
h	8.5 3.10	11.60	
k	8.9 3.02	11.92	
l	7 .	.	
m	9.3 2.96	12.26	

Seq L

Reduced with b on Mc 16713 p186

	Mc 16712 Sc 2 cu	magn	Copied 53:215
a	5.3	4.22	9.52
b	5.5	414	9.64
c	5.0	.	.
d	6.3	3.87	10.17
e	6.7	3.73	10.43
f	7.1	3.63	10.73
g	7.7	3.52	11.22
h	8.0	3.47	11.47
k	8.7	3.40 e	12.10 e
l	7?	.	??
m	7?	.	??
n	9.1	3.36 e	12.46 e

Seq O

Reduced with a on Mc 16713 p186

	Mc 16712 Sc 2 cu	magn	Copied 53:199
a	5.6	3.96	9.56
b	5.3	4.08	9.36
c	5.7	3.93	9.63
d	6.7	3.56	10.26
e	7.8	3.25	11.08
f	7.1	3.44	10.54
g	7.5	3.32	10.82
h	7.7	3.26	10.96
k	8.2	3.18	11.38
l	8.5	3.13	11.63
m	8.9	3.06	11.96
n	9.0	3.04	12.04
o	9.3	3.00 e	12.30 e
p	9.7	2.93 e	12.63 e

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YELLOW

Plot 61

Sequences Near N Pole

April 12, 1920

Dec

	Mc 16713 Sc1	Sc2	Diff
8	3.2 3.1		4.79
9		4.0	4.68
10		4.3	4.55
11		5.1	4.26
12		5.5	4.03
13		6.3	3.78
14		6.6	3.64
15		7.1	3.56
16		7.60 7.7	3.37 7.5
17		7.9	3.20
18		8.5	3.12
19		8.9	3.06
20		9.3	2.94

Seq h

Diff Bf53;191 Plot 61

a	5.5	4.25
b	6.3	3.90
c	6.9	3.56
d	5.7	4.08
e	5.5	4.14
f	6.5	3.81
g	7.7	3.44
h	8.0	3.58
k	9.1	.
l	9.7	.

For reducing
R on Mc 16712 p. 185
D " " 16714 p. 187

Plot 64

Mc 16713 Bf53;206

Seq J

	Sc2	Diff
a	5.1	4.10
b	B	.
c	6.0	3.82
d	6.3	3.78
e	5.5	4.02
f	6.8	3.43
g	7.5	3.34 2
h	7.1	3.47 6
k	8.8	3.05
l	9.3	.
m	9.1	.

For reducing
Q on 16712 p. 185
V " 16714 " 187

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YELLOW

Sequences Near N Pole

April 12, 1920

DeV

MC 16714 Sc 1 Sc 2

Seq B

		Cu	Magn
a	5.9	4.02	9.92
b	6.5	3.72	10.22
c	7.5	3.37	10.87
d	6.3	3.78	10.08
e	8.0	3.23	11.23
f	7.9	3.25	11.15
g	8.5	3.10	11.60
h	ns	.	.

Copied 53:186

Seq D

		Cu	Magn
a	4.1	.	.
b	4.4	.	.
c	7.2	3.61	10.81
d	7.1	3.63	10.73
e	7.3	3.58	10.88
f	7.5	3.54	11.04
g	8.8	3.39 e	12.19 E
h	9.7	3.33 e	13.03 E
K	ns		

Reduced with 1 on MC 16713 p 186

Copied 53:188

Seq Y

		Cu.	Magn.
a	5.0	4.17	9.17
b	6.5	3.64	10.14
c	5.0	4.17	9.17
d	7.3	3.38	10.68
e	5.5	4.00	9.50
f	8.5	3.13	11.63
g	7.6	3.29	10.89
h	9.3	~~3.00~~ 3.00 E	12.30 E
K	9.3	3.00 E	12.30 E
ℓ	9.1	3.03 E	12.13 E

Reduced with 1 on MC 16713 p 186

Copied 53:213

MC 16715 Sc 2

Seq N

		Cu.	Magn
a	5.5	4.05	9.55
b	6.4	3.74	10.14
c	6.7	3.64	10.34
d	8.1	3.21	11.31
e	8.7	3.06	11.76
f	9.0	2.99	11.99
g	9.7	2.91	12.61 E
h	7	.	.

Copied 53:197

12:25

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188

YELLOW

Plot 61

10 —

Sequences Near N Pole

April 13, 1920

	Mc 16716 Sc1	Sc2	16721 +192	Mean	Diff	16716 − 16721		
8	3.2 3.1		3.2	3.15	484	+05		
9	4.2 4.1 4.20	4.2	3.9	4.05	463	−15	+0.3	
10		4.5	4.3	4.40	445	−10	+0.2	+0.20
11		5.3	5.1	5.20	416	−10	+0.2	
12		5.5	5.4	5.45	408	−05	+0.1	
13		6.3	6.3	6.30	378	00	0.0	
14		6.8	6.6	6.70	354	−10	+0.2	+0.08
15		7.2	7.2	7.20	346		0.0	
16		7.8	7.7	7.75	3.22		+0.1	
17		8.0	8.0	8.00	3.10		0.0	
18		8.7	8.7	8.70	2.92		0.0	+0.17
19		9.5	9.0	9.25	2.71		+0.5	$\frac{+16-0}{11} = +0.15$
20			9.5	9.50	2.74			

Seq B.

For reducing a 5.9 ~~D46 Bk53;186~~ 4.08 Plot 64

Rm Mc 16716 p189 b 6.5 3.78

C " " 16719 p191 c 7.4 3.46

d 6.3 3.81

e 8.0 3.26

f 8.1 3.17

g 8.3 3.24

h J

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YELLOW

Sequences Near N Cyg

April 13, 1920

(Sup on Mc 16112)

Sc V

Mc 16717

Sc 1 Sc 2

Seq X

			Cu	Magn
a	3.7 3.1	3.4 3.3 3.30	484	8.14 Copied 53.217
a'	2.6 2.5		.	.
b		5.3	414	9.44
b'		5.4	408	9.48
c		5.1	420	9.30
		700	3.50	
e		6.9	7.1	10.50
f		8.0	314	11.14
g		7.1	346	10.56
h		7.8	322	11.02
k		8.1	312	11.22
l		8.3	304	11.34
m		8.7	290	11.60
n		9.0	280	11.80
o		8.9	284	11.74
p		2.5	"	"

Seq R

		Cu from B 16716	Cu from J 16718	B magn.	J magn.
a	6.5	4.21 e	.	9.71 e	.
b	6.0	3.98	3.35	9.98	9.35
c	6.3	3.83	3.22	10.13	9.52
d	6.5	3.78	3.15	10.28	9.65
e	7.7	3.37	2.65	11.07	10.35
f	6.9	3.63	2.98	10.53	9.88
g	7.0	3.60	2.95	10.60	9.95
h	9.0	3.03 e	2.21	12.03 e	11.21
k	7.5	3.43	2.73	10.93	10.23
l	9.1	3.02 e	2.17	12.12 e	11.27
m	9.5	2.94 e	2.06	12.44 e	11.56

Copied 53.202 " " "

Reduced with B on Mc 16716 p. 188

J " " 16718 p. 190

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Sequences Near N Pole

April 13, 1920

Seq V

MC 16718

Sc 1 Sc 2

Seq Q

		Cu	Magn
a	6.2	3.78	9.98
b	7.1	3.46	10.56
c	7.5	3.32	10.82
d	7.8	3.22	11.02
e	8.3	3.04	11.34
f	8.9	2.84	11.74
g	9.1	2.78	11.88
h	9.5	2.68	12.18
k	9.8	2.61	12.41 E
l	n.s		

Copied 53:201

Seq T

Diff Bk 53:206

Plot 61

a	5.8	3.40
b	4.0	4.36
c	6.6	3.22
d	7.1	2.98
e	6.3	3.22
f	7.5	2.73
g	8.7	2.12
h	8.0	2.56
k	9.7	2.15
l	9.8	
m	9.7	
n	n.s	

for reducing R
on MC 16717 h189
C " " 16719 h191

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YELLOW

Sequences Near N Cyg

April 13, 1920

Sc V

Mc 167 1 9 / Sc 2
Sc 1

Seq 2

Copied 53, 188

		Cu	Magn
a	5.0	4.23	9.23
b	5.4	4.08	9.48
c	8.3	~~2.54~~ 3.04	11.34
d	8.1	3.12	11.22
e	8.2	3.08	11.28
f	8.3	3.04	11.34
g	9.7	2.63	12.33
h	n.s.	.	-
*			
†			

Copied 53, 187 " "

Seq b

		Cu from B Mc 16716	Cu J 16718	B magn.	J magn.
a	5.1	.	.	.	.
b	7.5	3.43	2.73	10.93	10.23
c	6.6	3.73	3.12	10.33	9.72
d	7.2	3.53	2.86	10.73	10.00
e	8.3	3.21	2.42	11.51	10.72
f	8.8	3.08 e	2.26	11.88 e	11.06
g	7.9	3.32	2.57	11.22	10.47
h	8.5	3.15	2.35	11.65	10.85
k	7	.	.	7	7
l					

Reduced with B on Mc 167 16 / 188
J " " 167 18 / 190

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1920phae.proj.1013L

YELLOW

Sequences Near N Pole

April 13, 1920

Dec

Seq A

Me 16720

Sc1 Sc2

Copied 53,215

		Cu	Magn
a	3.2 3.1	4.88	8.08
b	5.4	4.08	9.48
c	5.5	4.05	9.55
d	5.3	4.13	9.43
e	5.8	3.93	9.73
f	5.5	4.05	9.55
g	6.3	3.74	10.04
h	6.5	3.66	10.16
i	7.3	3.40	10.70
l	w.s 8.1 8.7	3.12	11.22
m	w.s 8.3 8.9	3.04	11.34
n	9.1	2.78	11.88
o	9.7	2.63	12.33

Me 16721 - Sde

8	3.2 3.1	
9	3.9	
10	4.3	
11	5.1	Copied 1188
12	5.4	
13	6.3	
14	6.6	
15	7.2	
16	7.7	
17	8.0	
18	8.7	
19	9.0	
20	9.5	

11:50

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1920phae.proj.10131

YELLOW

11-35

Sequences Near N Pole

Sc V

April 14, 1920

Plot 65

Diff Bk 53; 191

		Mc 16716 Sc 1	Sc 2	
Seq G				
	a		5.5	4.25
For reducing	b		6.5	3.70
O on mc 16717 p. 193	c	W.S	6.9 7.5 7.7	3.56
& " Mc 16718 p. 194	d	W.S	5.9	4.08
	e		6.5	4.14
	f		6.5	3.81
	g		7.8	3.34
	h		8.0	3.58
	k		9.3	.
	l		7	.

Mc 16717

Copied 53; 199

		Sc	on from Mc 16716	on Mc 16718	G magn.	N magn.
Seq O						
	a	5.6	4.13	.	9.73	.
Reduced with	b	5.4	4.23	.	9.63	.
G on Mc 16716 p. 193	c	5.7	4.03	.	9.73	.
N " " 16718 p. 194	d	6.5	3.72	3.06	10.22	9.56
	e	7.5	3.44	2.73	10.94	10.23
	f	7.1	3.53	2.86	10.63	9.96
	g	7.3	3.46	2.79	10.76	10.09
	h	7.6	3.42	2.70	11.02	10.30
	k	8.2	3.30	2.49	11.50	10.69
	l	8.5	3.25 e	2.40	11.75 e	10.90
	m	8.9	3.20 e	2.25	12.10 e	11.15
	n	9.2	3.16 e	2.14	12.36 e	11.34
	o	9.3	3.15 e	2.10	12.45 e	11.40
	p	7	.	.	7	7

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Sequences Near N Pole

April 14, 1920

Sec V

Seq N

mc 16718 Sec 1 Sec 2 Plot 65

Diff Bk 53;197

For reducing
Q on mc 16717 p 193
E " " 16719 p 194

a	6.4	3.12
b	7.5	2.64
c	7.7	2.68
d	8.9	2.29
e	9.8	1.86
f	7	.
g		
h		

Copied 53;189

mc 16719

Seq E

Reduced with
G on mc 16716 p 193
n " " 16718 p 194

		cm from G mc 16716	cm from n mc 16718	G magn.	n magn.
a	6.3	3.80	3.14	10.10	9.44
b	7.1	3.53	2.85	10.63	9.95
c	5.8	4.03	.	9.83	.
d	7.8	3.37	2.63	11.17	10.43
e	8.3	3.27 e	2.45	11.57 e	10.75
f	8.8	3.22 e	2.28	12.02 e	11.08
g	9.3	3.15 e	2.10	12.45 e	11.40
h	9.7	3.09 e	1.95	12.79 e	11.65

12;10

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12:30

Sequences Near N Pole

April 14, 1920

Dec

MC 16716

Seq #	Sc1	Sc2	Cw	Magn
a	41	.	.	
b	47	.	.	
c	7.5	2.89	10.39	
d	7.3	2.94	10.24	
e	7.3	2.94	10.24	
f	7.5	2.89	10.39	
g	9.0	2.40	11.40	
h	9.7?	2.19	11.89?	

Copied 53:188

MC 16717

Seq 2			
a	5.1	3.77	8.87
b	6.1	3.42	9.52
c	6.5	3.24	9.74
d	7.0	3.04	10.04
e	7.3	2.95	10.25
f	8.0	2.72	10.72
g	8.3	2.62	10.92
h	8.9	2.44	11.34
k	9.8	2.15	11.95
l	7	.	.

Copied 53:201

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YELLOW

Plat 62

Sequences Near N Pole

April 14, 1920

Sc V

Mc 16718

	Sc 1	Sc 2	Diff	
8	Overage		.	
9	Wh.		.	
10		5.1	3.75	
11		5.8	3.56	
12		6.2	3.33	
13		7.1	2.98	
14		7.5	2.74	
15		7.9	2.76	
16		8.3	2.67	
17		8.5	2.60	
18		9.3	2.32	
19		9.8	2.16	

Mc 16719

Seq A

a	3.3 3.2		.	Capricia 53; 2.15
b		5.3	3.70	9.00
c		5.7	3.57	9.27
~~d~~		~~5.3~~	3.70	9.00
e		5.9	3.50	9.40
f		5.5	3.64	9.14
g		6.5	3.23	9.73
h		6.3	3.32	9.62
K		7.1	3.02	10.12
l		8.3	~~8.5~~ 2.62	10.92
m		8.3	8.20 8.1 2.64	10.84
n		9.0	2.40	11.40
o		9.7	2.18	11.88

1:05

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YELLOW

10–

Sequences Near N Pole

Sc V

April 21, 1920

		M C 16716 Sc 1	Sc 2	Spectrum B198 16721	Blo 53; Diff
Seq K				mean	
	a	5.3		5.3	5.30
	b	5.9		5.7	5.80
	c	6.2		6.1	6.15
	d	6.7		6.5	6.60
	e	6.7		6.8	6.78
	f	5.7		5.7	5.70
	g	7.1		7.0	7.05
	h	7.3		7.3	7.30
	k	8.5	8.7	8.5	8.55
	l	8.9		9.0	8.95
	m	+p		9.1	9.10
	n	+p		9.5	9.50

Not ready.

Dark plate Large charge

M C 16716

Seq M

a	6.5
b	6.9
c	7.8
d	8.1
e	8.3
f	8.7
g	8.9
h	9.7
k	9.8
l	n.s
m	n.s

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Sequences Near N Pole

April 21, 1920

Sc V

MC 16719 Sc 1 Sc 2

Seq J

a	6.7
b	7.5
c	7.9
d	7.3
e	8.2
f	7.3
g	9.0
h	8.0
k	9.3
l	8.8
m	9.0
n	9.7

MC 16721

Seq K

Cofinal on Pg. 197

a	5.3
b	5.7
c	6.1
d	6.5
e	6.8
f	5.7
g	7.0
h	7.3
k	8.5
l	9.0
m	9.1
n	9.5

10; 45

Red
Gon
N..

Red
Bon
J..

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YELLOW

9 ; 55

bcV

Sequences Near N Pole

April 22, 1920

Copied 53; 199 ..

MC 16718

	Seq 1	Seq 2	on 16719	n	on 16721	magn 1	magn 2
Seq O	a	6.5	3.16		3.66	9.66	10.16
Reduced with	b	6.2	3.29 e		3.78	9.49 e	9.98
G on mc 16719 f 201	c	6.4	3.22		3.72	9.62	10.12
N .. .. 16721 f 204	d	7.3	2.93		3.36	10.23	10.66
	e	8.2	2.70		3.03	10.90	11.23
	f	8.0	2.74		3.12	10.74	11.12
	g	8.1	2.73		3.06	10.83	11.16
	h	8.5	2.65		2.90	11.15	11.40
	k	9.0	2.57		2.74	11.57	11.74
	l	9.3	2.52 e		2.64	11.82 e	11.94
	m	9.7	2.45 e		2.51	12.15 e	12.21
	n	9.8	2.43 e		2.48	12.23 e	12.28
	o	9.9?	2.42 e		2.44	12.32? e	12.34

Copied 53; 207 ..

			on B 16719		on J 16721	magn B	magn J
Seq R	a	6.3	.		3.75	.	10.05
Reduced with	b	6.6	3.18 e		3.64	9.78 e	10.24
B on mc 16719 f 201	c	6.9	3.06		3.51	9.96	10.41
J .. .. 16721 f 204	d	7.2	2.95		3.38	10.15	10.58
	e	8.3	2.55		3.02	10.85	11.32
	f	7.5	2.84		3.26	10.34	10.76
	g	7.7	2.76		3.21	10.46	10.91
	h	9.0	2.29		2.83	11.29	11.83
	k	8.3	2.55		3.02	10.85	11.32
	l	n.s	.		.	n.s	n.s
	m	n.s	.		.	n.s	n.s

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Sequences Near N Ori

Sc V

April 22, 1920

MC 16718 (cont.) (Superposed on MC 16112)

	Sc 1	Sc 2		Cu	Magn
Seq Y		3.90	3.7		
a		3.9		.	.
b		5.7		349	9.19
c		5.7		349	9.19
~~d~~		7.60		.	.
e		7.7	7.5	294	10.54
f		7.9		288	10.78
g	W.S	~~7.8~~ 7.3		300	10.30
h		8.0		286	10.86
k		9.0		262	11.62
l		8.5		274	11.24
m		8.9		265	11.55
n		9.0		262	11.62
o		9.1		259	11.69
p		7		.	.
a'	B			.	.
b'		6.0		337	9.37

Seq near edge of plate.

Copied 53, 217

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YELLOW

Sequences Near N Pole

April 22, 1920

Dec

Inc 16719 Bk 53;191 Plot 65

	Sc 1	Sc 2	Diff.
Seq Y			
a		6.5	3.25
For reducing b		7.3	2.90
On Inc 16718 p 199 c		7.8	2.66
& " " 16720 p 203 d		6.5	3.28
e		6.5	3.14
f		7.3	3.01
g		8.5	2.64
h		9.0	2.58
k		9.8?	.
Seq B			Diff Bk 53;186 Plot 65
for reducing a		6.9	3.88
Ron Inc 16718 p 199 b		7.3	2.98
C " " 16720 p 203 c		8.2	2.66
d		7.3	2.81
e		9.0	2.26
f		9.0	2.27
g		9.5	2.06

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1920phae.proj.1013L

YELLOW

Plot 62

Sequences Near N Pole

April 22, 1920

Sc V

Pole

	Sc 1	Sc 2	Diff
8	3.9 3.8		4.09
9		4.9	3.78
10		5.3	3.55
11		5.9	3.46
12		6.3	3.23
13		7.0	3.08
14		7.3	2.94
15		7.7	2.96
16		8.1	2.87
17		8.3	2.80
18		9.0	2.62
19		9.5 ft.	2.46

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YELLOW

Sequences Near N Pole

April 22, 1920

Sc V

MC 16720

Sc 1 Sc 2

Copied 53;189

Seq E

			cu from Gon mc 16719	cu from N 21	magn G	magn N
Reduced with	a	6.1	3.32 e	3.82	9.42 e	9.92
Gon mc 16719 p 201	b	6.7	3.11	3.59	9.81	10.29
N " " 16721 p 204	c	5.5	.	4.03	.	9.53
	d	7.5	2.86	3.28	10.36	10.78
	e	8.1	2.73	3.06	10.83	11.16
	f	8.5	2.65	2.93	11.15	11.43
	g	8.9	2.58	2.77	11.48	11.67
	h	9.5	2.47 e	2.56	11.97 e	12.06

Copied 53;187

Seq C

			cu from B 16719	cu from J 16721	magn B	magn J
	a	4.8	.	4.32	.	9.12
Reduced with	b	6.8	3.12	3.55	9.92	10.35
B on mc 16719 p 201	c	5.8	.	3.94	.	9.74
J " " 16721 p 204	d	6.5	3.22 e	3.66	9.72 e	10.16
	e	7.7	2.76	3.21	10.46	10.91
	f	8.1	2.63	3.06	10.73	11.16
	g	7.2	2.95	3.39	10.15	10.59
	h	7.9	2.71	3.14	10.61	11.04
	k	n.s	.	.	n.s	
	l	n.s	.	.	n.s	

Copied 53;188

Seq D

		Cu	Magn
	a	4.7	383	8.53
	b	3.3	3.62	8.92
	c	8.0	2.86	10.86
	d	7.5	2.96	10.46
	e	7.7	2.92	10.62
	f	7.5	2.96	10.46
	g	9.0	262	11.62
	h	n.s	.	.

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YELLOW

Sequences Near N. Pole

April 23, 1920

Sec V

mc 16721

Sec 1 Sec 2

Seq N

Diff Bk 53, 197 Plot 65

a	5.4	4.12
b	6.5	3.64
c	6.8	3.58
d	8.1	3.09
e	8.9	2.76
f	9.5	2.44
g	9.7?	2.71?

For reducing
O on mc 16718 p. 199
& " " 16720 p. 203

Seq J

Diff Bk 53; 206 Plot 65

a	4.9	4.30
b	3.6 3.5	4.76
c	6.0	3.82
d	6.5	3.58
e	5.4	4.12
f	6.5	3.73
g	7.8	3.02
h	7.1	3.46
k	9.0	2.85
l	9.2	.
m	9.0	.
n	9.8	.

For reducing
Run mc 16718 p. 199
c " " 16720 p. 203

11:50

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Plot 38

Sequences Near N Pole – Faint Stars

May 4, 1920 (Series 982)

DeV
10 – 10

MC 16626 Pole

	Sc1	Sc2	MC 16632 to 210	Mean	Diff
10	2.5 2.4 2.90		2.4	2.45	6.57
11	3.0 2.9 2.8 2.7		3.1	3.00	6.55
12	3.2 3.1		3.4	3.30	6.56
13		3.5	3.6	3.55	6.75
14		3.9	4.0	3.95	6.70
15		4.3	4.4	4.35	6.73
16		4.8	4.9	4.85	6.55
17		5.3	5.3	5.30	6.33
18		5.8	5.9	5.85	6.21
19		6.1	6.1	6.10	6.32
20		6.4	6.5	6.45	6.28
21		6.7	6.8	6.75	6.21
22		7.0	7.1	7.05	6.14
23		7.2	7.3	7.25	6.09
24		7.5	7.5	7.50	6.14
25		7.9	7.9	7.90	5.97
26		8.4	8.5	8.45	5.88
27		8.7	8.9	8.80	5.89
28		9.1	9.3	9.20	5.91
29		9.8	7	9.70	5.86

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Sequences Near N Pole

May 4, 1920 (Series 982)

Sc V

MC 16h 27 – Faint Stars

Seq	Sc1	Sc2			
		3.5			
a	3.3				
b	3.8	4.0	3.8		
c		4.0			
d		4.6			
e		4.8			
f		5.0			
g		5.7	Cu	Magn	
h		55	6.40	11.90	
k		6.1	6.29	12.39	Catrieu 53.101
l		6,5	6.21	12.71	
m		6.7	6.17	12.87	
n		7.0	6.12	13.12	
o		7.9	5.97	13.87	
o′		8.0	5.94	13.94	
o^2		8.3	5.90	14.20	
p		9.0	589	1489	
q		9,5	588	15.38	
346	2.8		6.54	9.34	

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Sequences Near N Pole

May 4, 1920

Faint Stars

(Series 982)

Sc V

Seq 9

	MC 16628 Sc1	Sc2		
a	3.3			
b		3.8		
c		4.1		
d		4.3		
e		4.7	Cu	Magn Copied 58.198
f		5.1	6.48	11.58
g		5.5	6.40	11.90
h		5.9	6.33	12.23
k		6.5	6.22	12.72
l		7.1	6.11	13.21
m		7.5	6.04	13.54
m'		8.0	5.94	13.94
n		8.8	5.89	14.69
o		9.1	5.88	14.98
p		9.8	5.86	15.66
323	2.9		6.60	9.50

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Sequences Near N Pole

May 4, 1920

Faint Stars

(Series 982)

Sec V

Seq 7

	Me 16630 Sec 1	Sec 2		
a	3.0			
b	3.2			
c	3.5			
d		4.0		
e		4.3		
f		4.5	Cu.	Magn Copied 53.209
g		5.0	6.50	11.50
h		5.2	6.46	11.66
k		5.9	6.33	12.23
l		6.5	6.21	12.71
m		6.9	6.14	13.04
n		7.3	6.07	13.37
o		7.7	6.00	13.70
p		8.1	5.94	14.04
q		9.8?	5.86	15.66?
r		8.8	5.89	14.69
s		7	.	.
t		9.5	5.87	15.37
u		7		.
w		9.8	5.86	15.66

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Sequences Near N. Pole

Set

May 4, 1920

Series 982

Faint Stars

MC 16631

Seq S

	Sec 1	Sec 2		
a	3.0			
b	3.1			
c	3.7	3.8		
d		4.0		
e		4.7		
f		4.8	Cu	Magn
g		5.1	6.48	11.58
h		5.6	6.38	11.98
k		5.9	6.33	12.23
l		6.3	6.25	12.55
m?				
m		6.5	6.21	12.71
n		6.9	6.14	13.04
o		8.2	5.91	14.11
p		9.3	5.88 5.8	15.18
966	2.7	~~9.8~~	6.60	9.50

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Sequences Near N Pole

De V

May 4, 1920

Series 982

MC 16632 Pole 77 Stars

	Sec 1	Sec 2
10	2.4 2.3	
11	3.1 3.0	
12	3.4 3.3	
13	3.6 3.5	
14		4.0
15		4.4
16		4.9
17		5.3
18		5.9
19		6.1
20		6.5
21		6.8
22		7.1
23		7.3
24		7.5
25		7.9
26		8.5
27		8.9
28	w.u. 8.5	9.3
~~29~~	9.3	7
~~30~~	9.7	

Sept. 20

11:40

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11:30

Set

Sequences Near N Pole

May 5, 1920

Faint-Stars

Series 982

MC 16626

	Sec 1	Sec 2	Cu	Magn	
Seq V					
g		5.0	6.48	11.48	Copied 53:209
h		5.3	6.44	11.74	
k		5.8	6.35	12.15	
l		6.5	6.22	12.72	
m		6.8	6.15	12.95	
n		7.4	6.01	13.41	
o		7.7	5.96	13.66	
p		8.1	5.91	14.01	
q		7	.	.	
r		8.9	5.98 7	14.88 7	
s		9.9	~~.59~~		
t		9.7	.		
u		7	.		
w		9.8	.		
Seq Y					
f		4.9	6.56	11.46	Copied 53:198
g		5.6	6.48	11.98	
h		5.8 9	6.43 1	12.31	
k		6.5	6.31	12.81	
l		7.3	6.15	13.45	
m		7.8	6.04	13.84	
n		8.3	5.97	14.27	
n		8.7	5.94	14.64	
o		9.3	5.95	15.25	
p		7	.	.	
323	2.9		6.54	9.44	

Images Poor

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Sequences Near N Pole

May 5, 1920

Series 482

Sc V

THE 16627

Seq h

	Sc 1	Sc 2	Cu	Magn	
f		5.1	6.46	11.56	Copied 58.198
g		5.7	6.37	12.07	
h		5.9	6.33	12.23	
k		6.7	6.18	12.88	
l		7.3	6.04	13.34	
m		7.7	5.96	13.66	
m'		8.2	5.90	14.10	
n		8.5	5.92	14.42	
o		9.3	6.03	1533	
p		7	.	.	
323 30		~~2~~	6.50	9.50	

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Plot 37

Sequences Near N Pole

S & V

May 5, 1920

Series 982

	Sc 1	Sc 2	Diff.
10	2.5 2.4		652
11	3.1 3.0		645
12	3.4 3.3		646
13	3.7 3.6	3	660
14		4.0	665
15		4.3	678
16		4.9	650
17		5.2	643
18		5.7	636
19		6.1	632
20		6.5	623
21		6.7	626
22		7.0	619
23		7.3	604
24		7.7	594
25		8.0	587
26		Sup.	
27		8.5 8.6	599
28		9.10 9.0	601 9.2
29		7	

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Sequences Near N Pole

May 5, 1920

Series 982

bcV

ME 16628

Seq 7

	Sc 1	Sc 2	Cu	Magn	
h		5.3	6.51	11.81	Cofmed 53.101
k		5.9	6.41	12.31	
l		6.3	6.34	12.64	
m		6.5	6.31	12.81	
n		6.9	6.23	13.13	
o		7.8	6.04	13.84	
o'		8.1	5.99	14.09	
o²		sup.			
p		9.0	5.94	14.94	
q		9.3	5.95	15.25	
346	2.7		6.53	9.23	

ME 16630

Seq 5

g		3.2	6.44	11.74	
h		5.9	6.33	12.23	Cofmed 53.149
k		5.9	6.33	12.23	
l		6.2	6.29	12.49	
m		6.5	6.22	12.72	
m'		6.7	6.18	12.88	
n		6.9	6.13	13.03	
o		8.1	5.91	14.01	
p		9.3	6.02	15.32	
966	2.9		6.49	9.39	

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Plot 37

Sequences Near N Pole

May 5, 1920

Series 982

Set

	Mc 16630 Sc 1	Sc 2	Diff
10	2.5 2.4		6.52
11	3.0 2.9		6.55
12	3.3 3.2		6.56
13		3.7	6.60
14		4.0	6.65
15		4.4	6.68
16		4.9	6.50
17		5.1	6.53
18		5.5	6.56
19		6.1	6.32
20		6.4	6.33
21		6.7	6.26
22		6.9	6.29
23		7.2	6.14
24		7.5	6.14
25		7.9	5.97
26		8.4	5.93
27		8.7	5.99
28		9.1	6.01
29		9.7	5.96

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Sequences Near N Pole

May 5, 1920

Series 982

Seq V

Seq J

	Sc1	Sc2	Cu	Magn
g		4.9	6.55	11.45 Copied, 53: 209
h		5.1	6.54	11.64
k		5.9	6.42	12.32
l		6.5	6.30	12.80
m		6.8	6.25	13.05
n		7.3	6.15	13.45
o		7.5	6.10	13.60
p		8.0	6.00	14.00
q		9.8?	5.98	15.78?
r		8.9	5.94	14.84
s		n.s.	,	,
t		9.5	5.97	15.47
u		n.s.	,	,
w		9.8	5.98	15.78

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Sequences Near N Pole

May 5, 1920

Series 982

Set

Mc 16632

Sec 1 Sec 2

		Cu	Magn	
Seq J				
g	5.0	6.48	11.48	Copied 53:209
h	5.3	6.43	11.73	
k	5.8	6.35	12.15	
l	6.5	6.22	12.72	
m	6.9	6.13	13.03	
n	7.2	6.05	13.25	
o	7.5	6.00	13.50	
p	8.2	5.90	1410	
q	7	.	.	
r	8.9	5.98	14.88	
s	n.s	.	.	
t	9.7	6.06	15.76E	
u	n.s	.		
w	9.7	6.06	15.76E	
Seq G				
f	5.0	6.54	11.54	For remainder of Series see B 62: 2155
g	5.5	6.48	11.98	
h	6.0	6.40	12.40	
k	6.5	6.31	12.81	Copied 53:198
l	7.2	6.17	13.37	
m	7.9	6.03	13.93	
m'	8.3	5.96	14.26	
n	8.5	5.94	14.44	
o	9.5	5.97	15.47	1:20
p	n.s	.	.	
323	3.1	6.56	966	

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Sequences Near Pole

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