KG
113660
074

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For Catalogue.

Observing Book. 21

M.E.O'Reilly.

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Copied from H.S.L. Bk 38. (inside cover)

Scale AD cut from Mc 831. Used with measuring machine.

Scale 1 correction 0.0
Scale 2 " −0.5

Measures on pp 104 and following were made with Scale A L

Scale 1 Correction +0.8
2 " 0.0

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Scale A1.

Used for all observations with measuring machine previous to January, 1917, when it was damaged and discarded. P. 103 is last page on which Scale A1 was used.

Although measures in this book, and in all my books were recorded in order of brightness, the stars were measured in as irregular order as possible, to obtain independent results.

Sept. 11, 1918.

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4

Poor Region Sculptor Sph.

Scale M. 11 – 30

Ref. Seq.

Wednesday April 12 1916.

MC 8501 Blue

Two reductions of nos 41 – 108 inc.

Superposed on MC 5524

P.C.

pr = prismatic companion
d = diffr. image
no letter before number denotes star in

	sc.1		sc.1	sc.2	Mean	sc.1	sc.2	sc.1	sc.2	Mean
1						3.1	3.3	3.3	3.5	3.40 ±1
2						3.3	3.5	3.4	3.6	3.55 ±0
3						4.4	4.6	4.0	4.2	4.40 22
4	B.					4.7	4.9	4.8	5.0	4.95 ±0
5						5.3	5.5	5.3	5.5	5.50 00
6	B.					5.6	5.8	5.1	5.9	5.85 01
7	B					5.8	6.0	5.9	6.1	6.05 01
8	1.9	2.1			2.1 a.	6.1	6.3	6.2	6.4	6.35 ±0
9	2.4	2.6			2.6 a.	7.1		6.6	6.8 sc.2	6.95 12
10	2.5	2.7	B.		2.7 a.	7.1		7.3		7.20 ±1
11	2.8	3.0	3.0	3.2	3.10 ±1	7.6		7.7		7.65 01
12	3.3	3.5	3.5	3.7	3.60 ±1	7.8 poor.		7.8		7.80 00
13	3.7	3.9	3.9	4.1	4.00 ±1	8.4 poor		8.3		8.35 01
14	4.1	4.3	4.4	4.6	4.45 ±2	8.6?		8.4? v.p.		8.50? 1±
15	4.8	5.0	4.7	4.9	4.95 01	8.9		8.8		8.85 10
16	5.3	5.5	5.3	5.5	5.50 00	9.4?		9.4		9.40? 00
17	5.5	5.7	5.5	5.7	5.70 00	9.8?		9.7		9.75? 0 ±
*18	5.9	6.1	6.0	6.2	6.15 ±0					
18a	5.8	6.0	6.2	6.4	6.20 22					
*18	5.8	6.0	6.1	6.3	6.15 21					
19	6.2	6.4 6.2	6.2	6.4	6.33 11					
20	6.4	6.6 6.1	6.6	6.8	6.70 ±01					
21		7.3		7.2	7.25 10					
22		7.5		7.5	7.50 00					
23		7.6		7.7	7.65 01					
24		7.8		7.9	7.85 01					
25		8.4	8.1	8.1	8.25 21					

1 – 30

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Poor Region Sculptor Sat

Scale m Wednesday April 12, 1916.

Mc 8501 Diffr. 1 m. Blue. For reduction of nos 41-108 inc

		g sc.1	g sc.2	h sc.1	h sc.2	g sc.1	g sc.2	h sc.1	h sc.2	Mean
(no haze)	1	3.4	3.6	B.		3.5	3.7	B.		3.65 01 ..
	2	3.3	3.5	B.		3.5	3.7	.		3.60 ±1 ..
	3	4.1	4.3	th.		3.9	4.1	.		4.20 1± ..
	4	4.8	5.0	4.9	5.1	4.8	5.0	4.7	4.9	5.00 0 1 0±
	5	~~4.9~~ 5.	5.1	5.1	5.3	4.9	5.1	5.1	5.3	5.20 ±1 ±1
	6	4.8	5.0	4.9	5.1	4.9	5.1	4.9	5.1	5.08 ±000
	7	5.8	6.0	5.5	5.7	5.6	5.8	5.6	5.8	5.82 2±00
	8	6.1	6.3	6.1	6.3	6.1	6.3	6.1	6.3	6.30 0000
	9	6.6	6.8	6.5	6.7	6.7	6.9	6.6	6.8	6.80 0±10
	10	6.9	7.1	6.8	7.0		7.2		7.2	7.12 0±11
	11		7.2		7.3		7.3		7.4	7.30 ±001
	12		7.7		7.7		7.7		7.8	7.72 0001
	13		7.9		8.1		7.8		8.1	7.98 ±1±1
	14		8.1		8.3		8.2		8.3	8.22 ±101
	15		8.5		8.6		8.6		8.6	8.62 1000
	16		8.8		8.9		8.9		9.1	8.92 ±002
	17		9.1		9.3		9.3		9.2	9.22 ±110
	18		9.7		9.4		9.5		th.	9.53 2±0 1
	18a		100?		th?		99		9.9	9.93? 100.

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Poor Region Scut Sot.

Scale M Wednesday April 12 1916.

Mc 8501. Blues

				G.C.		
		sc.1	sc.2	Magw.	sc.1 sc.2	Magw.
fr	41				7.1	9.38
	42	5.8	6.0	12.18		
	43	3.5	3.1	10.24	def.	R
fr	43a				8.8	11.08
fr	44				7.8	10.07
	45	3.6	3.8	10.33	sup.	R
	46	5.1	5.3	11.58	+p.	q
fr	47				8.5	10.78
fr	48				9.3	11.58
fr	49				8.0	10.27
fr	50				8.5	10.78
fr	51				9.5	11.79
Pc. bajour.	52	4.9	5.1	11.40		
fr.	53				8.0	10.27
fr	54				7.9	10.17
fr	55				8.5	10.78
fr	56b				8.9	11.18
	56a	5.8	6.0	12.18		
	57	4.9 5.4	5.1 5.8	11.40 12.00		
fr	58				8.1	10.37
fr	59				7.6	9.87
	60	6.1	6.3	12.43		
fr	61				8.2	10.48
fr	62				8.8	11.08
fr	63				8.1	10.98
fr.	63a				9.1	11.38

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Poor Region Scat Sol.

Scale M Wednesday April 12, 1916.

MC 8501.

		Blue	
		Q.C	
	rec.1 rec.2 Magn.	rec.2	Magn.
fr 64		9.2	11.48
65	5.9 6.1 12.26		
65a	5.1 5.3 11.58		
66	5.9 6.1 12.26		
fr 67		9.3	11.58
68 found to be var. n.s. on this plate. w.s. ingass	~~5.8 6.0 12.18~~		
fr 69		8.8	11.08
fr 70		8.6	10.88
fr 71		8.4	10.68
fr 72		8.21	10.48
fr 73		8.3 poor	10.58 gf
74	5.8 6.0 12.18		
74a 75	5.0 5.2 11.49		
fr 75		8.0	10.21
75a			
fr 76		5.8	8.10
77	5.6 5.8 12.00		
fr 78		8.6	10.88
fr 78a		8.1	10.98
fr 79		7.2	9.41
fr 80		8.4	10.68
81	6.6 6.8 ~~9.08~~ 12.92		
fr 82		7.5	9.77
close dbl. fr 83		8.1 poor	10.98 gf
fr 84		8.8 poor	11.08 gf
fr 85		7.2	9.41
fr 86		6.5	8.79

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Poor Region Scat. Sat.

Scale m. Wednesday April 12, 1916.

MC 8501 Blue

		sc 1	sc 2	Magn.	P.C. sc 1 / sc 2	Magn.	Diff. magn.
fr	87				8.3 / ~~sc 2~~	10.58	
fr	88				9.1	11.38	
fr	89				8.6	10.88	
fr	90				7.7	9.67	
P.C nearly sup.	91	3.7	3.9	10.41			
fr	92				8.8	11.08	
	93	4.1	4.9	11.24			
close dbl.	94	4.5 / 6.0	4.7 / 6.2	11.07 / 12.34			
X	94a	5.0	5.2	11.49	~~7.3~~		
	95	5.5	5.1	11.92			
fr	96				8.1	10.98	
fr	96a				9.6	11.89	
fr	97				8.8	11.08	
fr	98				8.1	10.37	
fr	98a				9.0 low	11.28	
fr	99				8.6	10.88	
d	100				8.4	11.06 / ~~10.68~~	
	101	6.4	6.6	12.72			
d	102				7.3	9.18 / ~~9.57~~	
fr	103				8.2	10.48	
	104	5.3	5.5	11.75			
	104a	4.9	5.1	11.40			
d	105				7.2	9.67	
	105a	5.2	5.4	11.66			
fr	106				8.8	11.08	
fr	107				8.2	10.48	
	108	5.5	5.7	11.92			

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Poor Region Scat. Sol.

Scale m. Thursday ~~Wednesday~~ Apr. 13, 1916.

Mc 8501 Blue

For reduction of nos. 109–215 inc.

	R				Qc			
	sc.1	sc.2		Mean	sc.1	sc.2		Mean
1	B.				3.1	3.3	3.0 3.2	3.25 .0
2	.						3.3 3.5	3.5 .a
3	.						4.0 4.2	4.2 .a
4	.				4.8	5.0	4.8 5.0	5.00 .0
5	.				5.4	5.6		5.6 a.
6	.				5.6	5.8	5.6 5.8	5.80 .0
7	.				5.9	5.9	5.9 6.1	6.00 .1
8	.				6.0	6.2	6.3 6.5	6.35 .2
9	.				6.8	7.0	7.1	7.05 .0
10	B.		2.9	3.1		7.1	7.2	7.15 .0
11	B.		3.0	3.2		7.6	7.7	7.65 .0
12	3.3	3.5	3.6	3.8		7.8	7.8	7.80 .0
13	3.8	4.0	3.9	4.1		8.3	8.4	8.35 .0
14	4.2	4.4	4.3	4.5		8.5	8.5	8.50 .0
15	4.7	4.9	5.0	5.2		9.1	8.8	8.95 .2
16	5.1	5.3	5.5	5.7		9.4	9.7	9.55 .2
17	5.4	5.6	5.5	5.7		9.9	9.9	9.90 .0
18	5.8	6.0	5.9	6.1				
18a	5.9	6.1						6.1 a.
19	6.1	6.3	6.5	6.7				
20	6.3	6.5	6.6	6.8				
21		7.2		7.2				
22		7.4		7.6				
23		7.8		7.8				
24		8.1		8.0				
25		8.5		8.4				
26		8.6		8.8				

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Poor Region Sept Sol.

Scale 'm.

Thursday April 13, 1916.

10:30

Mc 8501 Diffr. 1m. Blue. for reduction of nos. 109-215 inc.

	g sc.1	g sc.2	h sc.1	h sc.2	g sc.1	g sc.2	h sc.1	h sc.2	Mean
1	3.4	3.6	B.		3.4	3.6			3.60 0.0.
2	3.3	3.5	.		3.4	3.6			3.55 1.0.
3	3.9	4.1	.		3.6	3.8	.		3.95 1.2.
4	4.6	4.8	4.6	4.8	4.9	5.1	5.1	5.3	5.00 2 2 1 3
5	5.2	5.4	5.1	5.3	5.2	5.4	5.1	5.3	5.35 0 1 0 1
6 edge.	4.9	5.1	4.9	5.1	4.9	5.1	5.1	5.3	5.15 1 1 1 1
7	5.8	6.0	5.6	5.8	5.1	5.9	5.6	5.8	5.88 1 1 0 1
8	6.2	6.4	6.1	6.3	6.1	6.3	6.1	6.3	6.32 1 0 0 0
9	6.8	7.0	6.8	7.0	6.1	6.9	6.7	6.9	6.95 0 0 1 1
10	6.9	7.1	6.8	7.0		7.1		7.2	7.10 0 1 0 1
11		7.2		7.2		7.1		7.2	7.18 0 0 1 0
12		7.8		7.7		7.6		7.8	7.72 1 0 1 1
13		7.8 8.1		8.1		8.1 8.0		8.1	8.10 0 0 0 0
14		8.1		8.3		8.3		8.4	8.28 2 0 0 1
15		8.6		8.6		8.7		8.6	8.62 0 0 1 0
16		8.7		8.8		8.7		9.1	8.82 1 0 1 3
17		9.2		9.4		9.3		9.4	9.32 1 1 0 1
18		9.4		9.3		9.4		9.5	9.40 0 1 0 1
18a		9.9		9.6		9.6		9.6	9.68 2 1 1 1
19		+		+		+		+	
20									

1:05

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Poor Region & cut 8 ft.

Scale m. Thursday April 13, 1916.

Mc 8501. cont. Blue

		Sc. 1	Sc. 2	Sc. 1	Sc. 2	Magn.	P.C.
						9.38	
f	109			7.1		~~13.96~~	
f	110			7.4		9.67 ~~13.66~~	
f	111			6.3 (6.5)		8.79 ~~12.63~~	~~12.63~~
f	112			5.9 (6.1)		8.40 ~~12.26~~	~~12.26~~
f	113			8.7		10.98	
f	114			8.5 poor		10.78	
f	115			8.5		10.78	
f	115a			8.7 poor		10.98	
f	116			6.5 (6.7)		8.98	
	117	4.7	4.9	8.5 poor		11.24	10.78
	117a	5.4	5.6			11.83	
f	118			9.3		~~11.58~~	
f	119			8.8		11.08	
f	119a			9.1		11.38	
f	120			8.3		10.58	
f	121			7.3		9.57	
	122	4.7	4.9			11.24	
	123a	5.3	5.5	9.6		11.75	11.89
	123b	6.1	6.3			12.43 ~~12.60~~	
	124	5.3	5.5			11.75 ~~11.83~~	
	125	5.7	5.9			12.09 ~~12.20~~	
f	126			6.9 (6.7)			9.18 ~~8.98~~
	127	4.9	5.1			11.40	
f	128			8.4			10.68
	128a	4.9	5.1			11.40	
f	129			8.4			10.68

Remeas mar. 8, 17. 8.5
Two stars about in pos. of P.C. both close together
evidently fainter of two measured, brighter is the P.C.

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Poor Region Sept Sat.

Scale m- Thursday Apr. 13, 1916.

Mc 8501 Cont. Blue

				P.C.	Star	P.C.
fa.	130	sc.1	sc.2	sc.1 sc.2		
				7.7		9.97
fr	130a			8.8		11.08
fr	131			8.6		10.88
fr	132			7.3		9.57
	133	46	48	8.7 2 stars	11.15	10.98? qf
	134	48	50	8.7	11.32	10.98
fr	135			7.8		10.07
	136	5.2	54		11.66	
fr	137			8.0		10.27
fr	138			48.50		7.38
fr	139			8.7		10.98
fr	139a			8.3		10.58
fr	140			7.7		9.97
no star.	141	—		—		-
fr	142			7.2		9.47
fr	143			7.6		9.87
	144	36	38?	fr.	10.33?	
fr	144a			9.3		11.58
fr	145			8.5		10.78
fr	145a			9.2		11.48
no star	146	—		—		-
fr	147			7.7		9.97
	148	46	48	fr. 9.1	11.15	11.38
fr	148a			9.1		11.38
fr	149			8.1		10.37
no star.	150	—		—		-
fr	151			8.3		10.58

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Coon Region Sept 8 ot.

Dalem Thursday Apr. 13, 1916.

MC 8501 cont. Blue

			P.C.		Star	P.C.
		sc.1 sc.2	sc.1 sc.2			
fr	152		8.3			10.58
	153	5.3 5.5			11.75	
	153a	4.9 5.1			11.40	
no star.	154	—	—			—
	155	4.7 4.9			11.24	
not certain of P.C. fr	155a	4.6 4.8	8.7		11.15	10.98?
fr	156		8.5			10.78
fr	157		10.0 10.2			9.47
	157a	5.1 5.3			11.58	
fr	158		8.8			10.58
fr	159		8.1			10.37
dbl.	159a	4.9 5.1 / 6.1 6.3	+fr.		11.40 / 12.43	
fr.	160		8.3			10.58
	160a	4.9 5.1			11.40	
fr	161		~~7.9~~ 7.2			9.47
fr.	161a	4.6 4.8	~~fr~~ v.s.		11.15	
fr	161b		9.1 poor			11.38
	162	4.0 4.2			10.66	
fr	163a		9.6			11.89
fr	163b		8.4			10.68
	164	5.0 5.2			11.49	
	165	4.9 5.1			11.40	
fr	166		8.3			10.58
fr	167		8.1			10.98
	168	5.6 5.8			12.00	
	~~168a~~					

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Poor Region Scut. Sot.

Scale m. Thursday April 13, 1916.

Mc 8501. Blue

		P.C. sc.1	sc.2	sc1 sc2	Magn.	P.C.	
fr	169			8.1		10.37	
fr	170			6.8 7.0		9.38	
	171	5.0 5.7 5.4			11.49		
	171a	4.2 4.4		nearly sup.	10.82	R	
fr	172			7.1		9.38	
	173	5.8 6.0			12.18		
fr	174			7.1		9.97	
fr	175			9.1		11.38	
fr	176			7.5		9.77	
fr	177			8.3		10.58	
	178	7.3			~~13.49~~		Remeas. 5.6 Mar. 8.17. Star near, measuring 7.3 evidently measured by mistake. Reject.
fr	179			7.5		9.77	
d	180	6.1 6.3		sup.	~~12.13~~		~~8.77~~
fr	181			8.1		~~10.37~~	Mar 8. 1917. Star 181 too faint to have P.C., or if there is one it is very faint. 182 is near, may have recorded P.C. for 182 in 181 place, reject meas. of 181. O. star ~~image~~ measures 5.8.
fr	182			8.2		10.48	
fr	183			8.1		10.37	
	184	3.7 3.9		sup.	10.41		
fr	185	*		8.1 ~~8.4~~ w.s		~~10.37~~	* Mar 8, '17. Remeas. 8.7. Cannot account for meas. 8.1, as there is nothing near which measures 8.1. Orig. meas. certainly wrong. Reject.
fr	185a			8.4		10.68	
fr	186			8.1		10.37	
fr	187		2.9	3.1		..	
fr	188			8.1		10.37	
fr	189			~~8.8~~ 8.7		10.98	
fr	190		6.4	6.6		8.88	
fr	191			7.4		9.67	
fr	192			8.1		10.37	

Remeas. Mar. 8. '17. 6.5. diff. d

Remeas. Mar. 8, '17. Star 4.8 wr. star P.C. 8.7 P.C. peculiar. Is 24 on star?

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1916phae.proj.10750

Poor Region Cent Sct.

Scale m Thursday, April 13, 1916.

Mc 8501 Blue

		sc.1	sc.2	sc.1	sc.2	Mag.	P.C.
fr	193			7.8			10.07
fr	194			8.6			10.88
	195	5.3	5.5			11.75	
fr	196			9.1			11.38
fr	197			7.9			10.17
fr	198			8.8			11.08
fr	199			8.6			10.88
	200	4.4	4.6			10.98	
fr	200a			8.6			10.88
	201	5.5	5.7			11.92	
fr	201a			8.4			10.68
fr	202			4.6	4.8		7.21
fr	203			8.6			10.88
fr	204			8.7			10.98
fr	205			8.0			10.27
fr	205a			8.7			10.98
fr	206			8.1			10.37
fr	207			6.5	6.7		8.98
fr	208			8.2			10.48
fr	209			8.5			10.78
fr	210			7.5			9.77
fr	211			7.1			9.38
fr	212			9.3			11.58
fr	213			8.2			10.48
fr	214			6.6	6.8		9.08
fr	215			7.7			9.97

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1916phae.proj.10750

Poor Region Scat Sat.

Scale RM Friday April 14, 1916.
9.50 MC 8501 blue

for reductions of nos. -216-368 (mic.)

	sc.1	sc.2	sc.1 (after no 368)	sc.2	mean
1					
2					
3					
4					
5					
6					
7					
8					
9					
10	B.		B.		
11	3.3	3.5	3.1	3.3	3.40 ±1
12	3.5	3.7	3.5	3.7	3.70 00
13	3.9	4.1	4.0	4.2	4.15 ±0
14	4.1	4.3	4.4	4.6	4.45 ±2
15	4.8	5.0	4.9	5.1	5.05 01
16	5.2	5.4	5.4	5.6	5.50 ±1
17	5.6	5.8	5.8	6.0	5.90 ±1
18	5.9	6.1	6.1	6.3	6.20 ±1
18a					
19	6.0	6.2	6.2	6.4	6.30 ±1
20	6.5	6.7	6.5	6.7	6.70 00
21		7.1		7.1	7.10 00
22		7.2		7.4	7.30 ±1
23		7.7		7.8	7.75 ±0
24		7.8		7.9	7.85 01
25		8.4		8.4	8.40 00

	P.C. sc.1	P.C. sc.2	P.C. sc.1	P.C. sc.2	mean
1	3.5	3.7	3.6	3.8	3.75 ±0
2	3.6	3.8	3.6	3.8	3.80 00
3	4.1	4.3	4.1	4.3	4.30 00
4	4.9	5.1	5.1	5.3	5.20 ±1
5	5.4	5.6	5.5	5.7	5.65 01
6	5.9	5.9	5.9	6.1	6.00 ±1
7	5.9	6.1	6.1	6.3	6.20 ±1
8	6.2	6.4	6.2	6.4	6.40 00
9	7.1		6.9	7.1 sc.1	7.10 00
10	7.2			7.1	7.15 01
11	7.7			7.7	7.70 00
12	7.9 poor.			7.8	7.85 ±0
13	8.1			8.3	8.20 ±1
14	8.3			8.5	8.40 ±1
15	8.7			8.9	8.80 ±1
16	9.3			9.7	9.50 ±2
17	9.9			10.0	9.95 ±0
18	t.				

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1916phae.proj.10750

Poor Region Southern Sky.

Scale M Friday April 14, 1916.

MC. 8501- blue

	g sc.1	g sc.2	h sc.1	h sc.2	Mean
1	Q.	.			.
2	3.3	3.5	.		3.5 a.
3	3.8	4.0	.		4.0 a.
4	4.8	5.0	4.9	5.1	5.05 01
5	5.1	5.3	5.1	5.3	5.30 00
6	4.9	5.1	5.1	5.3	5.20 ±1
7	5.8	6.0	5.9	6.1	6.05 01
8	6.2	6.4	6.2	6.4	6.40 00
9	6.6	6.8	6.6	6.8	6.80 00
10	6.7	6.9	6.8	7.0	6.95 ±0
11	7.0	7.2		7.3	7.25 01
12		7.7		~~8.1~~ 7.9	7.80 ±1
13		7.9		~~8.4~~ h. rej.	7.9 a.
14		8.1		8.5	8.30 ±2
15		8.5?		8.6	8.55? ±0
16		8.9		9.1	9.00 ±1
17		9.2		9.3	9.25 01
18		9.4		9.2	9.30 ±1
18a					
19		9.4		9.8	9.60 ±2
20		9.8		h.	9.8 a.
21		h.			

12 : 05

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1916phae.proj.10750

Poor Region Sept. Sat.

Scale m Friday April 14, 1916.
Mc 8501 blue

		sc.1	sc.2	sc.3	Magn. P.C.
			P.C.		
no star	216	—		—	
fr	217		7.3		9.57
fr	218	6.7	6.9		9.18
P.C. poor	219	4.7	4.9		11.24
	220	5.3	5.5		11.75
fr	221		9.7		11.69
fr	222	4.7	4.9		11.24
fr	223		8.8		11.08
fr	224		7.9		10.17
fr	225		7.4		9.67
fr	226		8.1		10.98
fr	227		8.9		11.18
fr	228		9.1		11.38
	229	4.5	4.7		11.07
fr	230		8.6		10.88
fr	231		9.2		11.48
fr	232		8.3		10.58
fr	233		9.1		11.38
fr	234		9.1		11.38
P.C. sup.	235	4.9	5.1		11.40
fr	236		9.1		11.38
fr	237		8.3		10.58
fr	238		9.1		11.38
d	239		4.4 9.1		11.92 ~~11.38~~
fr	240		8.6		10.88
fr	241		8.3		10.58

Mar 8, '17. P.C. 9.7. Evidently diff. recorded here instead of P.C. Diff. = 9.1

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1916phae.proj.10750

Poor Region. Just. Sat.

Salem. Friday April 14, 1916

Mc8501 blue

		sc1	sc2	O.C. sc2	Star	B.C.
fr	242		8.9			11.18
Remeas. Mar 8, 17 7.8 orig. meas. correct	243		1.8			14.10 ~~10.09~~
	244	56 5.8			12.00	
dbl?	245	.		tfr.		qf ? dbl?
fr	246		8.2			10.48
fr	247		1.2			9.47
fr	248		8.1			10.98
	249	4.4 4.6		tfr	10.98	qf
	250	55 5.1			11.92	
fr	251		8.8 poor		~~11.08~~ 9	11.08
fr	252	6.5 6.7				8.98
fr	253		8.8			11.08
fr	254		9.3			11.58
fr	255		8.3			10.58
fr	256		9.3			11.58
fr	257		8.8			11.08
fr	258 ~~258~~	4.1 4.3	8.4		{10.74	10.68}
fr	259		1.2			9.47
no star	260					—
	261	5.2 5.4			11.66	
fr	262		8.8			11.08
fr	263		9.1			11.38
fr	264		9.4 nearly sup.			11.69 R
fr 265	265	3.7 3.9	8.2 poor		{10.41	10.48}
fr	266		8.9			11.18
fr	267		1.6			9.87

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1916phae.proj.10750

Poor Region Sept. Sob.

Scale M. Friday April 14, 1916.
Mc 8501 Blue

		pc.1	pc.2	sc.2	Star	P.C.	
fr	268		8.9			11.18	
fr	269	6.2 6.4				8.70	
fr	270		8.3			10.58	
fr	271	6.8 7.0				9.28	
fr	272		7.9			10.17	
dbl.	273		8.4? 9.6?			10.68 11.89?	}
	274	6.0 6.2			12.34		
	275	5.6 5.8			12.00		
P.C. below.	276	4.4 4.6			10.98		
fr	277		8.1?			10.98?	
fr	278		8.1			~~10.37~~ 11.38	Remeas. by O. f.c. 91. Error of unit in prev. meas.
fr	279		8.1			10.98	
fr	280	6.1 6.3				8.60	
fr	281		8.1			10.37	
fr	282		7.8			10.07	
	283	4.7 4.9			11.24		
fr	284		8.1			10.98	
fr	285		7.9 poor			10.17 9	
fr	286		7.6			9.87	
fr	287		9.4			11.69	
fr	288		9.5			11.79	
	289	5.7 5.9			12.09		
fr	290		8.1			10.37	
P.C. dbl.	291	dbl.			dbl.		
fr	292		8.4			10.68	
fr	293		7.7			9.97	

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1916phae.proj.10750

Poor Region Scint. Sob.

Isolem. Friday, April 14, 1916.
mc 8501 blue.

	sc.1	sc.2	blur	P.C.
fr 293a		9.2		11.48
294	4.9	5.1	11.40	
fr 294a		8.8		11.08
fr 295		8.3		10.58
fr 296		9.1		11.38
fr 297		8.2		10.48
fr 298		8.4		10.68
fr 299		8.3		10.58
fr 300		7.6		9.87
fr 301		8.6		10.88
meas. fr 302		8.1		10.37
303	4.5	4.7	{11.07	10.78? 9}
fr 303		8.5? poor.		
fr 304		8.2		10.48
dbl fr 305		8.2} 9.3}		10.48} 11.58}
fr 306		9.8		~~11.58~~ 12.10
fr 307		8.4		10.68
fr 308		8.8		11.08
fr 309		9.1		11.38
no star 310	—			—
311	5.7	5.9	12.09	
fr 312		9.1		11.38
fr 313		7.7		9.97
fr 314		8.9 poor		11.18 9
fr 315		8.7		10.98
fr 316		8.8		11.08
fr 317		8.4? poor		10.68? 9

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1916phae.proj.10750

Poor Region Scut. Sol.

Salem Friday April 14, 1916.

MC 8501 Fluer.

		sc.1	sc.2	Star	P.C.
fr	318		8.1	~~10.3~~	10.37
fr	319		8.3		10.58
fr	320		9.4		11.69
f.C. nearly sup.	321	4.9	5.1	11.40	
	322	6.4	6.6	12.72	
fr	323		8.4		10.68
no star	324	—	—		—
fr	325		9.1		11.38
fr	326		8.2		10.48
P.C. poor.	327	4.3	4.5	10.90	
fr	328		8.3		10.58
fr	329		7.8		10.07
fr	330		7.2		9.47
dbl. fr	331		9.2 9.7		11.48 12.00
	332	5.1	5.3	11.58	
fr	333		8.1		10.37
fr	334		7.9		10.17
	335	5.2	5.4	11.66	
fr	336		8.5		10.78
~~no star~~	337	6.3	6.5	12.62 ~~8.79~~	
fr	338		8.1		10.37
fr	339		8.3		10.58
fr	340		9.1		11.38
fr	341		8.3		10.58
	342	3.6	3.8	10.33	
fr	342		8.6		10.88
P.C. very close to but star does not edge	343		9.4?	~~10.98~~ ~~11.07~~	11.69?

The image of this star 343 is very poor + on second look the dent of P.C. is uncertain.

Remeas. Mar. 8, 1917 ~~Poor remeas.~~

Star 9.1 P.C. 9.5? very poor + near edge of fl. Sta is just outside 4° limit

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1916phae.proj.10750

Poor Region Sept. Sob.

Scale m. Friday April 14. 1916.
MC8501 blue

		pc.1	pc.2	Star	P.C.
	h 344	9.1		~~11.38~~	11.38
	h 345	9.2		~~11.48~~	11.48
	h 346	8.3		~~10.58~~	10.58
	h 347	7.3			9.57
	h 348	8.6			10.88
	h 349	8.5			10.78
	h 350	8.2			10.48
	h 351	7.9			10.17
	h 352	7.9? poor			10.17? ♀
Ref. 2 =	h 353	3.6	3.8		6.36 ~~10.33~~
Ref 3 =	h 354	4.4	4.6		7.04 ~~10.98~~
	h 355	9.2			11.48
	h 356	5.7	5.9		8.20
	h 357	8.9 poor			11.18 ♀
P.C. poor	358	4.5	4.7	11.07	
	h 359	8.3			10.58
	h 360	8.3			10.58
	h 361	8.5			10.78
	362	4.0	4.2	{10.66	
	h 362	8.8			11.08}
	h 363	9.1			11.38
	h 363a	9.2			11.48
	h 364	7.7			9.97
	h 365	8.5			10.78
	h 366	7.2			9.47
	367	4.3	4.5	10.90	
	h 368	8.1			10.37

Raining. Growing too dark to continue.

on certain sta

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1916phae.proj.10750

Poor Region Scut. Sol.

Scale m

9:41

Monday April 17, 1916.

Mc 8509 blue.

for reduction of nos. 369-465a (inc) P.C.

	sc.1		sc.1	sc.2	Mean
1	B				
2	.				
3	.				
4	.				
5	.				
6	.				
7	.				
8	.				
9	.				
10	B		B.		
11	3.1	3.3	3.1	3.3	3.30 00
12	3.6	3.8	3.5	3.7	3.75 0±
13	3.6	3.8	3.9	4.1	3.95 ± 1
14	4.3	4.5	4.2	4.4	4.45 10
15	4.6	4.8	4.7	4.9	4.85 01
16	5.3	5.5	5.2	5.4	5.45 10
17	5.4	5.6	5.5	5.7	5.65 01
18	5.9	6.1	5.9	6.1	6.10 00
18a	6.0	6.2	6.1	6.3	6.25 01
19	6.3	6.5	6.2	6.4	6.45 10
20	6.6	6.8	6.5	6.7	6.75 0±
21		7.2		7.1	7.15 0±
22		7.6		7.4	7.50 1±
23		~~7.4~~ 7.5 us.		~~7.4~~ 7.5	7.50 00
24		7.9		7.9	7.90 00
25		8.3			8.3 ± .

	sc.1	sc.2	sc.1	sc.2	Mean
	3.3	3.5	3.0	3.2	3.35 1±
	B.		3.0	3.2	3.2 . ±
	3.9	4.1	4.2	4.4	4.25 ± 2
	4.9	5.1	4.8	5.0	5.05 10
	5.5	5.7	5.4	5.6	5.65 10
	5.1	5.9	5.1	5.9	5.90 00
	6.1	6.3	6.1	6.3	6.30 00
	6.4	6.6	6.3	6.5	6.55 0±
	6.8	7.0		7.2	7.10 ±1
		7.2		7.3	7.25 01
		7.6		7.8	7.70 ±1
		7.8		8.1	7.95 ± 1
		8.3		8.3	8.30 00
		8.4		8.3	8.35 0±
		8.9		9.1	9.00 ±1
		9.3		9.6	9.45 ± 2
		9.9		9.1	9.80 1±
		?		?	

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1916phae.proj.10750

Poor Region Sect. Sol.

Scale m. Monday April 17, 1916.

MC 8501 Blue. For reduction of 3869 - 4654 a (iue)

	g sc.1	g sc.2	h sc.1	h sc.2	Mean
1	B.		B.		.
2	3.1	3.3	B.		3.3 a.
3	3.8	4.0	4.1	4.3	4.15 21
4	4.5	4.7	4.8	5.0	4.85 12
5	5.1	5.3	5.1	5.3	5.30 00
6	4.9	5.1	5.1	5.3	5.20 11
7	5.1	5.9	5.1	5.9	5.90 00
8	6.0	6.2	6.1	6.3	6.25 01
9	6.6	6.8	6.6	6.8	6.80 00
10		7.2		7.2 hom	7.20 00
11		7.1		t.p.	7.1 a.
12		7.7		7.6	7.65 10
13		8.0		8.1 v.p.	8.05 01
14		7.9 8.1		8.3	8.10 202
15		8.6		8.6	8.60 00
16		8.8		9.1	8.95 21
17		9.1		9.2	9.15 10
18		9.3		9.2	9.25 10
18a		9.9		9.7	9.80 11
19		f.		f.	
20					
21					
22					

11:13

"g" diff. Image measured at beginning of measures for cat.

"h" " " " after end " " " " .

Per "H.S.L."

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1916phae.proj.10750

Prov Region Sent. Sol.

Scale M Monday April 17, 1916.
MC 8501 blue.

	sc.	sc?	Star	P.C.
369	5.5	5.7		
fv 369		9.5		
fv 370		8.1		
fv 371	6.9	7.1		
fv 372		8.6		
fv 373		8.3		
fv 374		8.4		
375	4.9	5.1	11.40	‡
fv 376		7.5		
fv 377		9.1		
fv 378		8.4		
379	5.2	5.4	{11.66	11.58}
379.		9.3	11.58	
380	5.1	5.3	11.66	
380a	5.2	5.4		
(near 385) 380b	5.0	5.2	{11.49	11.58}
fv 380b		9.3		
fv 381		7.6		9.87
fv 382		8.4		10.68
Remeas. Mar. 2, 1917 4.7 no error in prev. meas. 383	4.5	4.7	11.07	
no star 384				—
385	5.6	5.8	12.00	
fv 386		7.9		10.19
edge dbl fv 387		9.4	{10.82	9.48}
387	4.6	4.8	11.15	11.48
edge fv 388		7.2		9.47
389	4.7	4.9	11.34	
fv 390		8.3		10.58
fv 391	6.4	6.6		8.88
fv 392		7.7		9.97

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1916phae.proj.10750

Poor Region Sct Sob

Scale m. Monday April 17. 1916.
Mc 8600 blue.

	pc.1	pc.2	Star	B.C.	
fv 393	6.6	6.8		9.08	
fv 394	6.9	7.1		9.38	394 meas. + recorded for 395. No. 395
fv 395	6.7	6.9		9.18	not measured. O. June 11, 1919.
396	5.7	5.9	~~8.20~~	12.09	
fv 397		7.2		9.47	
fv 398		8.3		10.58	
fv 399		8.6		10.88	
fv 400		8.8		11.08	
fv 401		8.4		10.68	
fv 402		8.1		10.37	
fv 403	6.5	6.7	~~19~~	8.98	
fv 404		8.8		11.08	
p.c. poor 405	3.7	3.9	10.41		
fv 406	6.6	6.8		9.08	
fv 407		8.1		10.37	
fv 408		7.4		9.67	
fv 409	5.6	5.8		8.10	
no star 410				—	
fv 411		7.9		10.17	
fv 412		8.4		10.68	
fv 413		8.5		10.78	
fv 414		9.3		11.58	
415	5.4	5.6	11.83		
* is P.C. sup? fv 416	5.5	*5.7?	~~11.90~~ 7.8	8.01 7.83?	Bup?
fv 417		8.5		10.78	
fv 417a		8.3		10.58	

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1916phae.proj.10750

Poor Region Southern Sot.

Scale m Monday April 17, 1916.
mc 8501 blue.

	sc 1	sc 2	~~Star~~	P.C.
fv 418	6.1 6.3			8.60
fv 419		7.1		9.97
420	3.8 4.0		{10.49	
fv 420		8.1 poor		10.37}
P.C. poor. 421	3.9 4.1		10.58	
dbl. fv 421a		8.1 7		10.98 7 dbl.
fv 422		8.1		10.98
fv 423	5.5 5.1		~~11.92~~	~~8.01~~
P.C. near bk star { d 424	4.3 4.5		{10.90	11.06 ~~10.68~~}
d 424		8.4		
fv 425		7.6		9.87
fv 426		8.2		10.48
fv 427	5.1 5.9		~~8.2~~ ~~12.09~~	8.20
fv 428		7.8		10.07
P.C. nearly sup. { d 429	4.3 4.5		{10.90	10.95 ~~10.58~~
d 429		8.3		
fv 430	5.8 6.0		~~12.18~~	8.30
fv 430a	~~5.6~~	8.5		10.78
fv 431		8.8		11.08
432	5.1 5.3		11.58	
432a	4.3 4.5		10.90	
fv 433		8.1		10.37
fv 434	5.9 6.1		~~12.26~~	8.40
fv 435		8.1		10.37
fv 435a		8.5		10.78
fv 436		7.7		9.97
fv 437		8.3		10.58
438	4.5 4.7		11.07	
Crowded region P.C. Sunset * 439	5.1 5.3		11.58	

*There are no numbers 441 to 449 inclusive.

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1916phae..proj..10750

Poor Region Scutum Sob.

Scale M Monday April 17, 1916.
Mc 8501 blue

	sc.1	sc.2	Star	G.C.
fr 450		7.4		9.67
fr 451		8.8		11.08
fr 452		8.3		10.58
453	46 4.8		11.15	
fr 454	66 6.8		~~9.68~~	9.08
fr 454a		9.2		11.48
fr 455		7.8 hoar		10.07
fr 455a		8.7		10.98
fr 456	54 5.6			7.92
fr 456a		9.2		11.48
457	36 3.8			
d 454		7.9? hoar.	{10.33	10.47? g}
fr 458		8.3		10.58
dbl. 459		+p.		g dbl.
fr 460	59 5.5			7.83
der im. 461	53 5.5			~~7.83~~ 11.15
fr 461a		8.7		10.98
fr 462	64 6.6		8	8.88
fr 463	67 6.9			9.18
fr 464		8.2		10.48
464a	46 4.8		11.15	
465	44 4.6		10.98	
fr. 465a		8.7		10.98

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1916phae.proj.10750

Poor Region Secst Sob.

Scale m. Thursday Apr. 21, 1916. no letter before ~~star~~ no = star image
9:50. mc8519. YELLOW letter f " " = P.C.
" g " " = Diffr Im.

P.C.

	sc.1	sc.2	sc.1	sc.2	mean
1					
2					
3					
4					
5					
6					
7					
8					
9					
10	B.				
11	2.8	3.0	B.		3.0 a.
12	3.9	4.1	3.6	3.8	3.95 1 ±
13	4.4	4.6	4.1	4.3	4.45 2 ±
14	4.9	5.1	4.8	5.0	5.05 1 0
15	6.1	6.3	5.9	6.1	6.20 1 ±
16	6.2	6.4	6.4	6.6	6.50 ± 1
17	6.6	6.8	6.8	7.0	6.90 ± 1
18		7.2		7.3	7.25 0 1
18a		7.3		7.3	7.30 0 0
19	6.9	7.1		7.2	7.15 ± 0
20		7.2		7.1	7.15 0 ±
21		8.3		8.5	8.40 ± 1
22		8.2 poor		8.5	8.35 ± 1
23		8.5		8.5	8.50 0 0
24		8.9		9.3	9.10 ± 2
also bb poor 25		7.		7.	

P.C. are poor.

	sc.1	sc.2	sc.1	sc.2	mean
	4.1	4.9	4.5	4.7	4.80 1 ±
	4.6	4.8	4.4	4.6	4.70 1 ±
	5.6	5.8	5.6	5.8	5.80 0 0
	6.8	7.0	7.0	7.2	7.10 ± 1
		7.1	~~7.9~~	7.9 sc.2	7.80 ± 1
		8.1 ~~7.7~~ w.s.		8.1	8.10 0 0
		8.4 ~~8.2~~		8.3	8.35 0 ±
		7.9?		8.1	8.05? ± 1
		8.1		8.9	8.80 ± 1
		8.5		8.7	8.60 ± 1
		8.3		8.3	8.30 0 0
		9.3		9.4	9.35 ± 0
				9.8? v.b.	9.8? a.
		~~9.5~~		~~9.8~~	

12:05
1:05-1:12.

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1916phae.proj.10750

Poor Region Scut. Sch.

Scale m. Thursday, April 21, 1916.

mc 8519 YELLOW Diffr Images.

	g		h		
	sc.1	sc 2	sc.1	sc 2	mean
1	3.3	3.5	3.3	3.5	3.50 00
2	3.5	3.7	3.3	3.5	3.60 1
3	5.1	5.3	5.0	5.2	5.25 10
4	6.3	6.5	6.4	6.6	6.55 10
5		7.2		7.5	7.35 21
6		7.6		7.5	7.55 01
7		7.9		8.1	8.00 11
8		7.4		7.7	7.55 31
9		8.6		8.4	8.50 12
10		8.1		8.4	8.25 12
11		8.1		8.3	8.20 11
12		9.1		9.3	9.20 11
13		*100?		v.f.	10.0? a.
14		f.			
15					
16					

"g" images measured before no. 41. (ref seq)

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1916phae.proj.10750

Prov Region Scat Sol.

Scale m Thursday April 20, 1916.

Mc 8519. YELLOW

		pc.1	pc.2	P.C. or g. pc.2	Magn.	P.C.
fr	41			8.5		8.86
	42	5.6	5.8		10.72	
fr	43			9.1		9.44
	43a	6.0	6.2		10.99	
	44	4.3	4.5		9.92	
	45	4.1	4.3		9.80	
fr	45			9.5		9.83
	46	5.9	6.1		10.92	
	47	4.9	5.1		10.27	
(P.C. scratched)	48	4.4	4.6		9.99	
fr	49			9.6		9.93
	50	4.5	4.7		10.04	
	51	4.7	4.9		10.17	
	52	6.1	6.3		11.05	
fr	53			9.2		9.54
fr	54			9.1 poor		9.44
	55	5.0	5.2		10.34	
	56b	6.1	6.3		11.05	
	56a	5.5	5.7		10.66	
	57	6.1	6.3		11.05	
fr	58			8.9		9.26
fr	59			8.5		8.86
	60	6.0	6.2		10.99	
gd	61			8.4		9.04 ~~8.94~~
	62	4.9	5.1		10.27	
fr	63			9.1		9.44
	63a	6.5	6.7		11.32	

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1916phae.proj.10750

Poor Region Scat Sob.

Scale m Thursday, April 20, 1916.

mc 85 19 YELLOW

			Magn.	P.C.
64	6.1	6.3	11.05	
65	6.1	6.3	11.05	
65a	6.1	6.3	11.05	
66	5.9	6.1	10.92	
67	5.5	5.7	10.66	
68		1.7	12.02	
69	5.8	6.0	10.85	
70	5.1	5.3	10.41	
71	4.7	4.9	10.17	
72	4.1	4.3	9.80	
73	4.9	5.1	10.27	
fr 73			9.7	10.02
74	5.3	5.5	10.53	
74a	6.1	6.3	11.05	
fr 75			8.4 v.p.	8.77 v.p.
~~75a~~				—
fr 76			7.3	7.80
77	4.7	4.9	10.17	
78	5.2	5.4	10.48	
78a	5.2	5.4	10.48	
fr 79			8.5	8.86
fr 80			9.3 poor	9.64 poor
star in 80	4.9	5.1	10.27	
81	4.8	5.0	10.21	
P.C. poor q to	82		8.6	9.20 ~~8.96~~
too nearly superfix to measure dbl.	83		.	.
	84		.	.
fr	85		8.6 poor	8.96 poor
fr	86		8.3	8.67

Remeas Feb. 27, '17 ac. 2 7.1 mo error.

re exam. Mar. 1, '17. No P.C. seen. Evidently wrong image measured for P.C.

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Poor Sept Sok.

Scale m. Thursday April 20, 1916.

mc 8519 YELLOW

		Sc 1	Sc 2	Sc orig	Magn.	B.C.
fr	87			9.3		9.64
	88	4.5	4.7		10.04	
	89	4.9	5.1		10.27	
fr	90			8.9		9.26
fr	91			9.2		9.54
	92	5.4	5.6		10.60	
	93	5.0	5.2		10.34	
dbl.	94	{5.2	5.4		10.48} dbl.	
		[	7.3]		11.74	
	94a	6.1	6.3		11.05	
	95	4.4	4.6		9.99	
	96	5.3	5.5		10.53	
	96a	6.1	6.3		11.05	
	97	5.3	5.5		10.53	
	98	4.1	4.3		9.80	
	98a	5.9	6.1		10.92	
fr	99			9.4		9.74
	100	4.9	5.1		10.27	0
	101	5.2	5.4		10.48	
fr	102			9.1		9.44
fr	103			9.2		9.54
	104	5.1	5.3		10.41	
	104a	5.8	6.0		10.85	
fr	105			8.4		8.77
	105a	6.2	6.4		11.11	
	106	5.5	5.7		10.66	
	107	4.9	5.1		10.27	

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Region Poor Scat. Sat.

Scale m. Thursday, April 20, 1916.
mc 8519. YELLOW

	sc1	sc2	sc2	Magn.	P.C.	
108	5.2	5.4		10.48		
fr 109			8.9		9.26	
fr 110			9.0		9.35	
fr 111			8.1		8.49	
fr 112			8.0		8.40	
fr 113			9.2		9.54	
fr 114			9.2		9.54	
115a	5.4	5.6		10.60		
fr 116			8.7		9.06	
117	5.4	5.6		10.60		
117a	6.1	6.3		11.05		
fr 118			9.2		9.54	
119	5.2	5.4		10.48		
119a	5.5	5.7		10.66		
120	4.9	5.1		10.27		
P.C. from fr 121			9.1		9.56 ~~9.44~~	
122	4.1	4.3		9.80		
123	4.9	5.1		10.27		
123a	6.2	6.4		11.11		
star inv def. fr 124			9.7		10.02	Remeas. 9.4 mar. 1. 17. discordance due to accidental error of meas.
125	5.2	5.4		10.48		
fr 126			8.2		8.58	
127	4.6	4.8				
fr 127			10.0	10.10	10.~~35~~ 31	
128	4.0	4.2		9.73		
128a	5.9	6.1		10.92		
129	4.9	5.1		10.27		

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1916phae.proj.10750

Poor Region Sept. Sat.

Salem Thursday April 20, 1916.

Mc 8519 YELLOW

		sc.1	sc.2	O.C. or q. sc.2	mo.	
fr	130			9.3		9.64
	130a	5.2	5.4		10.48	
	131	4.0	4.2		9.73	
Edge	132	3.5	3.7		9.44	
fr	132			9.2?	mo.	9.54? v.f.
	133	5.4	5.6		10.60	
	134	6.0	6.2		10.99	
	135	3.9	4.1		9.67	
fr	135			9.2		9.54
	136	5.2	5.4		10.48	
fr	137			9.8		10.12
fr	138	~~[illegible]~~		7.2		7.72
PC q ~~fr~~	139	3.6	3.8		9.50	
	139a	5.1	5.3 poor		10.41 poor	
fr	140			9.1		9.44
no star	141	——				—
fr	142			9.1		9.44
fr	143			9.2		9.54
dbl?	144	q				q dbl?
	145	5.2	5.4		10.48	
vv. unit	146	5.4	5.6		~~11.75~~	10.60
	145a	6.6	6.8 poor		11.39	
no star	146	——			—	
edge q fr	147			9.2		9.63 ~~9.51~~
	148	4.7	4.9		10.17	
	148a	5.5	5.7		10.66	
PC + q poor	149	3.9	4.1		9.67	
no star	150	——			—	

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1916phae.proj.10750

Poor Region Scat. Sol.

Salem Thursday April 20, 1916

mc 8519. YELLOW

	pe.1	pe.2	P.C. pg pe.2	magn.	P.C.	"
151	4.8	5.0		10.21		
152	4.3	4.5		9.92		
153	4.8	5.0		10.21		
153a	poor. Remeas. 6.7 Mar. 1, 1917. 6.6	6.8		11.39		
154	—			—		
155	4.1	4.9		10.17		
155a	5.6	5.8		10.72		
156	4.2	4.4		9.86		
fr 157			8.6 poor		8.96	
157a	6.1	6.3		11.05		
158	4.9	5.1		10.27		
159	4.9	5.1		10.27		
dbl 159a		6.2 7.9		10.99 12.16		
160	3.6	3.8		9.50		
d 160			9.7? poor	10.02?		
160a	6.1	6.2		10.99		
fr 161	6.6	6.8		~~11.39~~ 7.40		
161a	5.9	6.1		10.92		
161b	5.9	6.1		10.92		
162	4.8	5.0		10.21		
~~168~~				—		
163a	6.2	6.4		11.11		
163b	4.3	4.5		9.92		
164	6.1	6.3		11.05		
165	4.8	5.0		10.21		
166	5.3	5.5		10.53		
167	5.3	5.5		10.53		

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Poor Region Scut. Sob.

Scale m. Thursday April 20, 1916.

Mc 8519. YELLOW

		sc.1	sc.2	sc.	magw.	P.E.
	167a	5.9	6.1		10.92	
	168	4.8	5.0		10.21	
fr	169			9.2		9.54
fr	170			8.6		8.96
	171	4.8	5.0		10.21	
	171a	5.6	5.8		10.72	
fr	172			8.9		9.26
	173	5.1	5.3		10.41	
fr	174			9.1		9.44
q	175			8.5		~~9.12~~
fr	176			8.8		9.16
	177	4.9	5.1		10.27	
	178	5.6	5.8		10.72	
fr	179			8.7		9.06
P.C sup. 9.98	180	3.6?	3.8?		9.50?	
	181	5.2	5.4		10.48	
	182	4.4	4.6		9.99	
	183	4.5	4.7		10.04	
	184	5.1	5.3		10.41	
	185	5.1	5.3		10.41	
	185a	5.1	5.3		10.41	
fr	186			9.3 poor		9.64 poor
fr	187			sc.1 sc.2 3.9 4.1		
fr	188			9.2		9.54
	189	6.1	6.3		11.05	
fr	190			8.3		8.67

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1916phae.proj.10750

Poor Region Scut Sol.

Salem. Thursday April 20, 1916.

Mc 8519 YELLOW

	sc.1	sc.2	sc.2	Magn.	B.C.
fr 191			9.1		9.44
192	4.5	4.7		10.04	
193	3.8	~~4.6~~		9.61	
fr 193			9.2	9.54	
194	4.4	4.6		9.99	
195	6.4	6.6		11.25	
196	5.9	6.1		10.92	
fr 197			9.9		10.212
198	5.3	5.5		10.53	
199	5.4	5.6		10.60	
200	4.5	4.7		10.04	
200a	5.4	too 5.6		10.608	
201	4.7	4.9		10.17	
201a	5.1	5.3		10.41	
fr 202			6.5		7.19
203	4.7	4.9		10.17	
204	5.1	5.3		10.41	
205	4.1	4.3		9.80	
205a	6.2	6.4		11.11	
206	4.3	4.5		9.92	
fr 207			8.1		8.49
208	4.6	4.8		10.10	
209	5.2	5.4		10.48	
fr 210			9.1		9.44
fr 211			9.1		9.44
212	5.1	5.3		10.41	
213	5.3	5.5		10.58	

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Poor Region Scat. Sct.

Monday April 24, 1916.

Scalum - 9:30 mc 8519 YELLOW

	sc.1	sc.2	sc.1	sc.2	mean
1					
2					
3					
4					
5					
6					
7					
8					
9					
10					
11	2.6	2.8	2.8	3.0	2.90 ±1
12	4.0	4.2	3.9	4.1	4.15 0±
13	4.4	4.6	4.4	4.6	4.60 00
14	5.1	5.3	4.9	5.1	5.20 1±
15	6.0	6.2	5.8	6.0	6.10 1±
16	6.3	6.5	6.4	6.6	6.55 ±0
17	6.6	6.8	6.6	6.8	6.80 00
18		7.1		7.3	7.20 ±1
18a		7.6		7.4	7.50 1±
19	6.9	7.1	6.9	7.1	7.10 00
20	6.9	7.1		7.1	7.10 00
21		8.3		8.3	8.30 00
22		8.5		8.3	8.40 1±
23		8.8		8.6	8.70 1±
24		9.1		9.2	9.15 ±0

Pc.

	sc.1	sc.2	sc.1	sc.2	mean
1	4.8	5.0	4.8	5.0	5.00 00
2	4.8	5.0	4.9	5.1	5.05 01
3	5.1	5.9	5.6	5.8	5.85 10
4	6.8	7.0		7.1	7.05 01
5		7.7		7.6	7.65 10
6		7.9		8.1	8.00 ±1
7		8.3		8.3	8.30 00
8		8.1		8.1	8.10 00
9		8.9		9.1	9.00 ±1
10		8.8		8.8	8.80 00
11		8.3		8.4	8.35 ±0
12		9.5		9.3	9.40 1±
13		10.0? very ft.		10.0	10.00? 00
14		m.s.			

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1916phae.proj.10750

Poor Region Sept. 8 ob.

Scale m

Monday April 24, 1916.

Mc 8519

YELLOW

	g sc.1	g sc.2	h sc.1	h sc.2	Mean	
1	3.3	3.5	3.4	3.6	3.55	±0
2	3.21	3.4	3.3	3.5	3.45	01
3	5.1	5.3	5.0	5.2	5.25	10
4	6.2	6.4	6.6	6.8	6.60	±2
5		7.1		7.1	7.10	00
6		7.6		7.6	7.60	00
7		7.7		8.1	7.90	±2
8		7.5		7.6	7.55	±0
9		8.5		8.2	8.35	12
10		t.f.		8.4	8.4	.a
11		8.1		~~9.1~~ 8.3	8.20	±1
12		9.2		9.1	9.15	01
13		t.f.		t.f.		
14						
15						
16						

12:05

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1916phae.proj.10750

Poor Region Sect. 50 f.

Scale m. Monday April 24, 1916.

mc 85,9 YELLOW

		sec.1 sec.2	P.C. sec.2	Magn.	P.C.
fr	214		8.5		8.86
P.C. scratched	215	4.143		9.80	
no star	216	—			
q fr	217		9.1		9.56
fr	218		8.2		8.58
	219	4.9 5.1		10.27	
	280	5.2 5.4		10.48	
	281	5.4 5.6		10.60	
	282	5.2 5.4		10.48	
	283	4.2 4.4		9.86	
fr	284		9.1		9.44
fr	285		9.1		9.44
	285	5.5 5.7		10.66	
	286	6.4 5.4 5.6		10.60	
	287	5.2 5.8 6.0		10.85	
	288	6.2 6.4		11.11	
	291	4.8 5.0		10.21	
	290	4.3 4.5		9.92	
	271	6.2 6.4		11.11	
	272	4.9 5.1		10.27	
	273	5.6 5.8		10.72	
	234	6.2 6.4		11.11	
	235	4.9 5.1		10.27	
	236	6.4 6.6 6.7 6.9		11.25 11.45	
	237	5.2 5.4		10.48	
Remeas. Mar. 2, 1917. 7.1 no error in prev. meas.	238	6.9 7.1		11.59	
	239	6.4 6.6		11.25	

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1916phae.proj.10750

Poor Region Sept 8ob.

Scale M. Monday April 24. 1916.

Mc 8519. YELLOW

Rc.

	sc.1	sc.2	sc.2	magn.	P.C.
240	4.3	4.5			
fr 240			9.2?	9.92	9.54? 8
241	4.8	5.0		10.21	
fr 242			9.9		10.22
243		7.2		11.67	
244	6.5	6.7		11.32	
245	5.3	5.5		10.53	
fr 246			9.7		10.02
fr 247			9.1		9.44
fr 248			9.3		9.64
249	5.2	5.4		10.48	
250	6.8	7.0		4.56 11.39 52	
251	5.3	5.5		10.53	
fr 252			8.2		8.58
253	5.1	5.3		10.41	
254	6.3	6.5		11.20 18	
fr 255			10.0		10.31
255	4.0	4.2		9.73	
256	6.2	6.4		11.11	
257	4.3	4.5		9.92	
258	5.0	5.2		10.34	
fr 259			9.2		9.54
no star 260	—			—	
261	6.3	6.5		11.20 18	
262	5.1	5.3		10.41	
263	6.2	6.4		11.11	
264	4.9	5.1		10.27	
fr 265			9.1		9.44

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1916phae.proj.10750

Poor Region Sept Sol.

Scale m Monday April 24, 1916.

Mc 8519 YELLOW

		P.C.	Magn.	P.C.
	sc.1 sc.?	sc.?		
266	5.5 5.7		10.66	
fv 267		9.2		9.54
268	6.1 6.3		11.05	
fv 269		sc.1 6.1 6.3		7.04
270	4.2 4.4		9.86	
fv 271		8.5		8.86
fv 272	5.5? R	8.1		8.49
dbl (very close)! 273	5.3?		10.53? dbl.	
274	5.3 5.5		10.53	
275	5.8 6.0		10.85	
276	5.5 5.7		10.66	
277	5.6 5.8		10.72	
278	4.2 4.4		9.86	
~~fv 278~~ 279	4.2 4.4	~~4.2~~	9.86	
fv 279		9.3		9.64
fv 280		8.2		8.58
fv 281		8.9		9.26
fv 282		9.2		9.54
283	5.0 5.2		10.34	
284	5.0 5.2		10.34	
fv 285		9.2		9.54
fv 286		9.2		9.54
287	4.8 5.0		10.21	
288	4.3 4.5		9.92	
289	5.1 5.3		10.41	
fv 290		9.6		9.93
dbl? 291	?	9.3? v.f.		9.64? 9.8

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Poor Region Sect. Sob.

Scale m. Monday April 24, 1916.

Mc8519 YELLOW

		sc1	sc2	P.C. sc2	Magn.	P.C.
	292	5.3	5.5		10.58	
fv	293			9.1		9.56
	294	4.9	5.1		10.27	
	295 ta	5.6	5.8		10.72	
	293a	5.8	6.0		10.85	
	295	4.7	4.9		10.17	
	296	4.9	5.1		10.27	
fv	297			8.8		9.16
fv	298			9.1		9.44
	299	4.9	5.1		10.27	
Remeas. Mar. 2, 1917. wr. unit. fv	300			9.83		9.64 8.64
d	300			9.1		9.56
P.C. sup.	301	4.2	4.4		9.86	
fv	302			9.3		9.64
	303	5.0	5.2	#3 w.s.	10.34	
	304	4.1	4.3		9.80	
fv	304			9.7?		9.83?
dlt →	305	4.2 / 7.0	4.4 / 7.2		9.86 / 11.61	
fv	306			9.3		9.64
	307	4.7	4.9		10.17	
	308	5.1	5.3		10.41	
	309	5.6	5.8		10.72	
no star	310	—			—	
	311	5.2	5.4		10.48	
	312	5.7	5.9		10.78	
fv	313			9.1		9.44
	314	5.6	5.8		10.72	
Remeas Mar. 2, 1917. 9.7. Orig. meas, too bit.	fv 315			9.4		9.74

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1916phae.proj.10750

Poor Region Scut Sob.

Salem. Monday April 24, 1916.

Mc 8519. YELLOW

		sc.1 sc.2	sc?	Magn.	P.C.
	316	5.4 5.6		10.60	
	317	5.2 5.4		10.48	
fr	318		9.1		9.44
	319	4.2 4.4		9.86	
fr	319		9.2		9.54
	320	6.2 6.4		11.11	
	321	5.9 6.1		10.92	
	322	6.1 6.3		11.05	
	323	4.1 4.3		9.80	
no star	324	—		—	
	325	6.2 6.4		11.11	
	326	4.8 5.0		10.21	
	327	5.5 5.7		10.66	
	328	4.7 4.9		10.17	
fr	329		9.8		10.12
fr	330		8.6		8.96
dbl	331	6.2 6.4		11.11 } dbl.	
	332	6.1 6.3 7.3 }		11.74 } 11.05	
edge	333	4.3? 4.5?		9.92?	
fr	333		9.8?		10.12?
fr	334		7.8		8.73
	335	4.1		11.59	
fr	336		9.6		9.93
~~no star~~	337	5.2 5.4		10.48	
	338	4.4 4.6		9.99	
	339	5.2 5.4		10.48	
	340	6.6 6.8		11.39	
	341	5.2 5.4		10.48	

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Poor Region Sculptorium

Salem Monday April 24, 1916.

Mc 8519 YELLOW

		P.C.			
	pc.1 pc.2	pc.3	Magn.	P.C.	
342	5.3 5.5		10.53		
343	6.2 6.4		11.11		
344	6.1 6.3		11.05		
345	5.0 5.2		10.34		
fr 346		9.4		9.74	
fr 347		9.2		9.54	
348	5.2 5.4		10.48		
349	5.6 5.1		10.66		
Remeas. Mar. 2, '17. 348. 350	6.3 ~~6.5~~		~~11.20~~	wrong star meas.	
Edge 351	4.2 ? 4.4 ?		9.86 ?		
fr 351		9.7		10.02	
fr 352		9.3		9.64	
no 2 = fr 353	+	4.7 ~~5.7~~		.	
ref. 3 = fr 354		5.6 5.8		6.68 ~~6.54~~	
355	6.0 6.2		10.99		
fr 356		5.9 6.1		6.89	
357	5.2 5.4		10.48		
358	5.2 5.4		10.48		
359	3.1 3.3		9.20		
fr 359		8.9		9.26	
360	4.9 5.1		10.27		
361	3.4 3.6		9.39		
g 361		8.7 ?		9.04 ? v. f.	
362	5.2 5.4		10.48		
363	5.3 5.5		10.53		
363a	~~4.6~~ 6.1 6.3		11.05		
fr 364		8.3		8.67	
365	6.1 6.3		11.05		
fr 366		9.1		9.44	

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Poor Region Sculum S of.

Scale m. Monday April 24, 1916.

Mc 8519 YELLOW

		sc.1	sc.2	sc.2	Magn.	P.C.
	367	4.9	5.1		10.27	
	368	4.2	4.4		9.86	
	369	6.5	6.7		11.32	
g &	370			8.9		9.41
fr	371			8.8		9.16
	372	4.9	5.1		10.27	
	373	4.9	5.1		10.27	
	374	4.9	5.1		10.27	
	375	4.9	5.1		10.27	
fr	376			9.2		9.54
fr	377	5.9	6.1	~~8.8~~	10.92	
	378	5.1	5.3		10.41	
	379	6.0	6.2		10.99	
sc.2 5.6	380	6.7	6.9		11.45	
6.3	380a	5.4	5.6		10.60	
6.8	380b	6.8	7.0		11.52	
fr	381			9.2		9.54
	382	5.0	5.2		10.34	
fr	383			9.2		9.54
no star	384	—			—	
	385		9.2		11.67	
fr	386			9.1		9.44
edge	387	4.8	5.0?		10.21?	
fr	388			8.9		9.26
	389	5.0	5.2		10.34	
	390	4.8	5.0		10.21	

May be errors of unit, but I think the designations 380 and 380a were probably given after the plate was meas, former 380 a is now 380, and former 380 b is 380 a. There is a 380b near 385. See both chart + Mc 5524.

Rem fr 9. meas fiel

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1916phae.proj.10750

Poor Region Secular Sob.

Scale m Monday April 24. 1916.

mc 8519 YELLOW

		sc.1	sc.2	P.C. sc.2	Magn.	P.C.
fv	391			8.2		8.58
fv	392			7.9		8.31
fv	393			8.7		9.06
fv	394			8.7		9.06
	395	5.5	5.7		10.66	
	396	6.4	6.6		11.25	
g	397			9.1? faint		9.44?
	398	5.1	5.3		10.41	
	399	4.7	4.9		10.17	
fv	400			9.2		9.54
fv	401			9.1		9.44
fv	402			9.7		10.02
fv	403	*		8.6		8.96
	404	4.9	5.1		10.27	
fv	405			9.3		9.64
fv	406			8.8		9.16
fv	407			9.2		9.54
g	408			9.2		9.54
fv	409			7.4		7.89
fv	410			9.2		9.54
fv	411			9.3		9.64
fv	412			9.1		9.44
	413	5.7	5.9		10.78	
	414	5.4	5.6		10.60	
	415	5.3	5.5		10.53	
fv	416			sc.1 6.5 / sc.2 6.7 R		7.33 R
g	416			5.9	6.1	7.32

Remeas. fv 9.6. one obs. too bit first time.

l.c. faulty disp.?

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1916phae.proj.10750

Poor Region Sept 8th.

Scale M Monday April 24, 1916.

Mc 8519. YELLOW

		sc.1 sc.2	sc1sc2	Magn.	P.C.	
fv	417		9.1		9.44	
	417a	5.2 5.4		10.48		
fv	418		8.1		8.49	
fv	419		9.2		9.54	
	420	4.8 5.0		10.21		
	421	4.8 5.0		10.21		
dbl	421a	5.7 5.9 (7.5)		10.78 / 11.89		
	422	6.0 6.2		10.99		
fv	423		7.3		7.60	
	424	5.3 5.5		10.53		
fv	425		9.3		9.64	
	426	5.0 5.2		10.34		
fv	427		7.8		8.23	
fv	428		8.9		9.26	
	429	3.9 4.1		9.67		
fv	429		6.9 7.1 9.1		9.44 9.56	
fv	430				7.64	
	430a	5.9 6.1		10.92		
	431	5.6 5.8		10.72		
	432	4.0 4.2		9.73		
	432a	5.5 5.7		10.66		
fv	433		9.2		9.54	
fv	434		7.6		8.06	
	435	4.1 4.3		9.80		
	435a	5.2 5.4		10.48		
fv	436		9.2		9.54	
	437	4.9 5.1		10.27		

Mar. 3. 17.
Remeas. 9.2. meas. 66 bit at. first sitting. Discordance of magn. with other plates not due to accidental error of meas. on this plate.

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1916phae.proj.10750

Poor Region Scat Sob.

Scale M. Monday April 24, 1916.

Mc 8519. YELLOW

			D.C.	Magn.	D.C.	
	sc 1	sc 2	sc 2			
438	5.3	5.5		10.53		
439	5.1	5.3		10.41		
*						
fv 450			9.1		9.44	
fv 451			9.1		10.02	
452	5.0	5.2		10.34		
453	4.1	4.3		9.80		
q 453			9.2		9.63?	
fv 454			8.7		9.06	
454a	5.8	6.0		10.85		
fv 455			9.5		9.83	
455a	5.4	5.6		10.60		
fv 456			6.1	6.3	7.04	
456a	6.1	6.3		11.05		
fv 457			8.9		9.26	
458	5.1	5.3		10.41		
fv 459			9.7		10.02	
fv 460			7.5		7.97	
461	5.2	5.4		10.48		
461a	5.3	5.5		10.53		
fv 462			8.1		8.49	
fv 463			7.8		8.33	8.09
fv 464			9.3		9.64	
464a	6.4	6.6		11.25		
465	6.1	6.3		11.05		
465a	5.7	5.9		10.78		

* There are no nos. 440 – 449 incl.

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Friday June 2, 1916

9.30

Standard Region B1

YELLOW
MC9766

01	1399 1193	
	B	B
02	1319 1956	
	B	B
03	585 1286	
	B	B
04	1705 1786	
	B	B
05	1298 916	
	4.7 1343 908	4.9
06	1509 1167	
	B	B
07	1284 1000	
	5.1 1320 990	5.3
08	1279 1178	
	B	B
08a	1206 1232	
	5.9 1236 1223	5.8
09	1614 1226	
	6.1 1640 1216	6.1
010	1509 1082	
	6.7 1508 1082	7.1
011	1492 1166	
	B	5.4
012	1373 970	
	6.3 1398 970	6.3
013	1498 993	
	5.7 1509 984	5.8

Rec. E.E.W.

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1916phae.proj.10750

Friday June 2 1916

Standard Region B1 YELLOW Anc 9766

PC

01

8.4 1375 1206 8.5

02

8.9 1313 1961 8.6

03

8.2 3583 1289 7.6

04

8.8 1678 1799

~~9.0 1694 1990~~ 9.2 8.9

05

9.3 1263 930 9.2

06

9.3 1474 1179 9.1

07

9.4 1246 1012 9.7

08

8.6 1253 1189 8.7

08a ƒ

09 ƒ ƒ

010

011

9.3 1457 1177 9.2

012

013

Rec. E.E.W.

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1916phae.proj.10750

Friday June 2, 1916

Standard Reg. B1 YELLOW mc 9766

014	1446 1016		
	6.1 1473 1008	6.2	
015	1602 1185		
	6.6 1601 1185	7.1	
016	1472 1031		
	7.5 1461 1031	7.5	
017	1585 1083		
	7.1 1576 1083	7.1	
017a	1356 1011		
	7.4 1346 1011	7.7	
018	1463 1149		
	8.3 1144 1149	9.1	
019	1498 1116		
	8.2 1478 1116	8.2	
020	1488 1153		
	8.2 1469 1153	8.3	
021	1519 1112		
	6.8 1516 1112	7.4	
022	1463 1117		
	8.5 1441 1117	8.7	
023	1414 1092		
	8.6 1393 1092	8.7	
024	1578 1169		
	9.5 1543 1169	9.5	
025	1458 1186		
	9.3 1427 1186	9.4	
026	1504 1158		
	9.5 1469 1158	9.6	

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Friday June 2, 1916

Standard Reg. B1 YELLOW mc 9766

023a 1600 1096
8.7 1579 1096 8.6

~~025 1469 1124~~

025 1480 1122
9.9 1444 1122 9.9

026b 1485 1216
9.8 1450 1216 9.7

* Reject Incorrectly marked. 027 1488 1179
9.2 1458 1178 9.3 * Reject

026a n s? 10.00

Beginning Zone I 1000 Limit 2038 card 364
End Zone I 1020 card 240
Beginning Zone II 1020 Limits {2038 1845 card 301
End of Zone II 1045 card 63
Beginning of Zone III 1045 Limits {1842 1656 card 118
End of Zone III 1115 card 64
Beginning of Zone II 1115 Limit {1656 1462 card 116
End of Zone IV 12,00 card 224

~~12.00~~

12.10

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Saturday June 3, 1916

9.35 Standard Reg. B1 YELLOW MC 9766

See also Bk 29: 14-17.

01	1399 1192	
	B	B
02	1320 1957	
	B	B
03	5-86 1287	
	B	B
04	1706 1787	
	B	B
05	1298 918	
	4.8 1342 909	4.7
06	1510 1168	
	4.8 1553 1159	4.7
07	1284 1000	
	5.3 1318 991	5.3
08	1279 1176	
	B	B
08a	1207 1232	
	5.7 1238 1223	5.8
09	1417 1226	
	5.9 1645 1218	6.1
010	1508 1082	
	7.3 1523 1074	7.3
011	1493 1164	
	5.1 1528 1158	5.3
012	1374 980	
	6.5 1396 970	6.4
013	1478 993	
Rec. E & W	5.9 1506 984	5.7

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Saturday. June 3, 1916

Standard Reg. B1 YELLOW Mn C9766

1

8.4 1373 1265 8.6

02

8.5 1293 1969 8.4

03

7.8 567 1298 7.7

04

8.5 1674 1798 8.5

05

9.2 1264 929 9.3

06

8.8 1489 1180 9.1

07

9.4 1247 1014 9.7

08

8.6 1254 1190 8.6

08a

10.0? 1164 1244 9.5

09 ƒ

010

011

9.3 1457 1178 9.2

012

013 ƒ

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Saturday June 3, 1916

Standard Reg. B1 YELLOW Inc 9766

014		1447	1016	
	6.3	1473	1068	6.2
015		1602	1186	
	6.9	1620	1178	7.1
016		1473	1030	
	9.6	1460	1030	7.6
017		1586	1083	
	7.1	1578	1083	7.2
018		1463	1150	
	8.2	1444	1150	8.2
019		1498	1118	
	8.1	1479	1118	8.2
020		1488	1153	
	8.3	1468	1153	8.4
021		1519	1112	
	7.4	1534	1102	7.1
022		1464	1117	
	8.6	1441	1117	8.6
023		1414	1092	
	8.9	1387	1092	8.9 poor
024		1578	1169	
	9.5	1544	1169	9.5
025		1457	1184	
	9.4	1427	1184	9.4
026		1504	1160	
	9.5	1469	1160	9.5
027		?		

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Saturday June 3, 1916

Standard Reg. B1 YELLOW mC 9766

017a 1358 1012
7.5 1345 1012 7.5
023a 1603 1097
8.8 1576 1097 8.7
026b 1485 1216
9.8 1449 1216 9.9
026a ns?

028 1480 1123
9.9 1443 1123 ~~9.55~~ 9.5

Beginning Zone V Limit {1463 / 1284 card 329
End Zone V 10.30 card 1
Beginning Zone VI Limit {1284 / 1080 card 98
End Zone VI 11.00 card 27
Beginning Zone VII Limit {1080 / 904 card 86
End Zone VII 1120 card 209
Beginning Zone VIII Limit {905 card 88
End Zone VIII 1145 card 8

11.55

027 F. (Incorrectly marked at time plate was measured)

See also next page

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1916phae.proj.10750

Friday June 9. 1916.

YELLOW

Measmachine: Remeasures of sequence plates to reduce cards nos. 25, 11, 201, 202 which were omitted at first setting.
Mc 9766

014

6.2

015

7.1

016

7.6

017

7.1

018

8.1

019

8.3

020

021 8.2

022

8.6

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1916phae.proj.10750

9.15

Tuesday June 13, 1916

YELLOW

mC 6756

H.S. a 1 4 +75

See also Bk 29: 4 — for additional stars.

01 1208 883

B B

02 1506 1073

B B

03 1507 639

B B

04 1503 873

B B

04a 1534 1528

B B

04b 1775 672

B B

from meaw. B.66

05 1122 503

5.1 5.6 1153 493 5.1 5.6 5.10 00 5.10 5.10 00 00

06 1203 1098

4.9 5.4 1237 1088 4.9 5.4 4.90 00 4.95 4.92 02 03

07 1574 1103

5.3 5.8 1603 1094 5.1 5.6 5.20 1⊥ 5.15 5.18 02 03

07a 1696 1160

5.4 5.9 1728 1151 5.4 5.1 5.40 00 5.55 5.48 08 07

08 1416 991

5.0 5.5 1450 882 4.8 5.3 4.90 1⊥ 4.90 4.90 00 00

09 1328 1312

4.9 5.4 1363 1303 5.0 5.5 4.95 1⊥ 5.05 5.00 05 05

09a 1642 1438

4.4 4.9 1684 1430 4.3 4.8 4.35 0⊥ 4.35 4.35 00 00

09b 992 1029

6.1 6.6 995 1020 6.2 6.9 6.15 1⊥ 6.10 6.12 03 02

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1916phae.proj.10750

Tuesday June 13, 1916.

YELLOW
MC 6756

H.L. Reg Q1

							P.C.				
					mean		P.67	mean.		
01	8.4	1185	867	8.2	8.30	11	8.15	8.22	08	07
02	8.1	1487	1057	8.1	8.10	00	8.05	8.08	02	03
03	7.4	1496	624	7.5	7.45	01	7.35	7.40	05	05
04	7.7	1488	836	7.6	7.65	10	7.65	7.65	00	00
04a	8.5	1512	1512	8.5	8.50	00	8.45	8.48	02	03
04b	↑ 7.6	1758	654	7.6	7.60	00	7.60	7.60	00	00
05	9.4	1087	484	9.5	9.45	01	9.35	9.40	05	05
06	9.3	1172	1083	9.4	9.35	10	9.20	9.28	07	08
07	9.4	1540	1087	9.4	9.40	00	9.45	9.42	02	03
07a	9.4	1664	1143	9.5	9.45	01	9.50			
08	9.2	1358	74	9.2	9.20	00	9.30			
09	9.5	1295	1298	9.4	9.45	10	9.30			
09a	8.8	1615	1423	8.8	8.80	00	8.70			
19b	tf.									

Take mean of measures for the two dates, and use as sum for reduction. W.S.A. March 2, 1918.

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1916phae.proj.10750

Tuesday June 13, 1916

YELLOW
M C 6756

N & Dig Cl

PC

010 dif.

011 1282 1394 9,9 1243 1378

					P.68	mean.
6.0 6.5	1304 1385	5.9 6.4	5.95	01	6.05	6.00 05 05

012 1361 9.68

6.8 7.3	1576 960	6.8 7.3	6.80	00	6.85	6.82 02 03

013 1504 1032

5.8 6.3	1528 1022	5.8 6.3	5.80	00	5.80	5.80 00 00

014 1436 1070

7.3	1429 1070	7.3	7.30	00	7.30	7.30 00 00

015 1397 952

7.1 7.6	1408 942	7.0 7.5	7.05	10	7.15	7.10 05 05

016 1389 1272

6.1 6.6	1412 1262	5.9 6.4	6.00	11	5.95	5.98 02 03

017 1372 1156

7.7	1360 1156	7.7	7.70	00	7.60	7.65 05 05

018 1344 1127

8.1	1326 1127	8.1	8.10	00	8.06	8.08 02 03

019 1401 1140

7.9	1386 1138	7.9	7.90	00	7.90	7.90 00 00

019a 1317 1013

8.1	1298 1013	8.1	8.10	00	8.00	8.05 05 05

020 1308 1060

8.5	1284 1060	8.5	8.50	00	8.55	8.52 02 03

021 1348 1180

8.4	1328 1180	8.5	8.45	01	8.55	8.50 05 05

022 1437 1116

8.6	1412 1116	8.5	8.55	01	8.55	8.55 00 00

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Tuesday, June 13, 1916

YELLOW

M C 6756

H.L. Reg a1

023	1347	1099				P. 69	Mean.	
	8.6	1326	1099	8.6	8.60	00	8.60	8.60 00 00
024	1396	1119						
	9.5:	1363	1119	9.8?	9.65	±2	9.50	9.58 07 08
025	x.f. ~~1396 1119~~							
026	1380	1049						
	9.5	1347	1049	9.6	9.35	9.65	±0	9.55 9.55 00 00

Beginning Zone I Card 166 9.40 Limit 1974
End of Zone I Card 60 9.55
Beginning of Zone II Card 163 Limits {1974 1780
End of zone II card 52 10.10
Beginning of Zone III card 188 Limits {1780 1590
End of Zone III card 40 10.30
Beginning of Zone IV card 195 Limits {1590 1396
End of Zone IV card 34 10.55

11.05

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8.55

Wednesday June 14, 1916

YELLOW

A1 mC 6756

01	1209 883				
	B	B			
02	1506 1073				
	B	B			
03	1506 640				
	B	B			
04	1503 874				
	B	B			
04a	1534 1529				
	B	B			
04b	1774 673	B			
	B	B			
05	1123 502				
	5.2 5.7 1153 492	5.0 5.5	5.10	1	
06	1203 1098				
	5.0 5.5 1236 1088	4.9 5.4	4.95	0	1
07	1573 1104				
	5.2 5.7 1606 1093	5.1 5.6	5.15	0	1
07a	1696 1159				
	5.6 6.1 1724 1151	5.5 6.0	5.55	0	1
08	1417 891				
	4.8 5.3 1453 882	5.0 5.5	4.90	1	1
09	1328 1313				
	5.1 5.6 1362 1304	4.8 5.3	5.05	1	2
09a	1643 1438				
	4.4 4.9 1684 1429	4.3 4.8	4.35	0	1
09b	973 1029				
	6.1 6.6 995 1020	6.1 6.6	6.10	0	0

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Wednesday June 14, 1916.

YELLOW
MC6756

P C

01	8.1	1190	866	8.2	8.15	⊥0
02	7.9	1489	1059	8.2	8.05	⊥2
03	7.3	1496	624	7.4	7.35	⊥0
04	7.7	1488	857	7.6	7.65	10
4a	8.5	1512	1512	8.4	8.45	10
4b	7.7	1759	656	7.5	7.60	1⊥
5	9.3	1088	485	9.4	9.35	⊥0
6	9.3	1170	1082	9.1	9.20	1⊥
7	9.4	1540	1087	9.5	9.45	01
7a	9.6	1463	1144	9.4	9.50	1⊥
08	9.2	1386	894	9.4	9.30	⊥1
9	9.2	1298	1297	9.4	9.30	⊥1
9a	8.8	1617	1423	8.6	8.70	1⊥
9b						

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Wednesday June 14, 1916

YELLOW
MC 6756

010	def 1465 1543	def			
011	1282 1394				
	6.0 6.5 1306 1385	6.1 6.6	6.05	01	
012	1362 968				
	6.9 7.4 1375 960	6.8	6.85	10	
013	1505 1032				
	5.8 6.3 1528 1023	5.8 6.3	5.80	00	
014	1436 1072				
	7.3 1427 1071	7.3	7.30	00	
015	1397 952				
	7.1 1388 952	7.2	7.15	10	
016	1390 1272				
	5.9 6.4 1413 1262	6.0 6.5	5.95	10	
017	1373 1154				
	7.6 1371 1154	7.6	7.60	00	
018	1345 1128				
	7.8 1330 1128	8.1	8.05	21	
019	1402 1140				
	7.7 1388 1140	8.1 7.9	7.90	220	
019a	1317 1012				
	7.9 1301 1012	8.1	8.00	11	
020	1306 1059				
	8.5 1285 1059	8.6	8.55	10	
021	1348 1180				
	8.5 1329 1180	8.6	8.55	10	
022	1435 1118				
	8.5 1414 1116	8.6	8.55	10	

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Wednesday June 14, 1916

YELLOW
MC 6756

023 1348 1098
8.6 1327 1098 8.6 8.60 oo

024 1397 1119
9.5? 1363 1119 9.5? 9.50? oo

025 tf. ~~1397 11~~ tf

026 1380 1050
9.5 1347 1050 9.6 9.55 to 9.10

Beginning of Zone ~~V~~ card 184 Limits {1396 1221 9.15
End of Zone ~~V~~ card 191 9.30
Beginning of Zone ~~VI~~ card 126 Limits {1221 1014
End of Zone ~~VI~~ card 1605 9.45
Beginning of Zone ~~VII~~ card 180 Limits {1014 835
End of Zone ~~VII~~ card 4 9.55
Beginning of Zone ~~VIII~~ card 182 Limits {835
End of Zone ~~VIII~~ card 3 10.05

10.10

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1916phae.proj.10750

9.20

Thursday June 22, 1916

St. Reg. B3

YELLOW
InC8 059

01	754 1759		
	B	B	
02	847 1432		
	B	B	
03	836 358		
	B	B	
04	1468 826		
	B	B	
05	1514 926		
	B	B	
06	1244 683		
	B	B	
07	836 1363		
	5.9	976 1356	4.9
07a	1385 1487		
	5.8	1416 1479	5.7
08	1588 894		
	5.3	1626 887	5.3
09	1588 879		
	4.8	1432 872	4.9
010	1531 950		
	6.8	1550 942	6.8
011	1624 1049		
	6.4	1647 1042	6.5
012	1438 1043		
	6.1	1467 1034	6.1
013	1590 1006		
	6.8	1609 996	6.7

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1916phae.proj.10750

Thursday June 22, 1916

YELLOW
MC 8059

Standard Reg 133

P C

01	7.2	740	1712	7.2
02	7.6	829	1442	7.5
03	8.6	808	382	8.7
04	8.8	1438	842	8.7
05	7.8	1496	938	7.6
06	9.5	1206	694	9.4
07	8.6	808	1378	8.7
07a				
08	9.2	1552	903	9.3
09	9.9	1347	892	10.1
010				
011				
012				
013				

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1916phae.proj.10750

Thursday June 22, 1916

YELLOW
Mc 8659

014		1376	1250	
	7.0	1394	1240	6.6
015		1336	1134	
	7.3	1352	1124	7.4
016		1348	1123	
	6.8	1398	1114	7.0
017		1353	994	
	7.6	1342	994	7.6
018		1294	953	
	6.4	1319	944	6.7
019		1345	1071	
	7.5	1354	1071	7.5
020		1328	1054	
	8.8	1302	1044	8.8
021		1326	1068	
	8.1	1305	1065	8.2
021a		1414	993	
	8.7	1392	993	8.7
022		1413	1168	
	8.9	1386	1168	9.2
022a		1402	1162	
	7.6	1367	1162	9.5
023	∫			
024	∫		∫	9.35

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Thursday June 22, 1916.

YELLOW
MC 8059

Beginning Zone I	card 180	Limits	1933	9.40
End Zone I	card 80			9.50
Beginning Zone II	card 178	Limits	1933 / 1733	9.50
End Zone II	card 81			10.05
Beginning Zone III	card 173	Limits	1733 / 1552	
End Zone III	card 64			10.30
Beginning Zone IV	card 169	Limits	1350 / 1353	
End Zone IV	card 66			10.50
Beginning Zone V	card 164	Limits	1354 / 171	
End Zone V	card 47			11.05
Beginning Zone VI	card 143	Limits	176 / 970	
End Zone VI	card 46			11.30
Beginning Zone VII	card 163	Limits	970 / 800	
End Zone VII	card 1302			11.45
Beginning Zone VIII	card 162	Limits	800	
End Zone VIII	card 2			11.55

See also Bk 29:36 (for addl stars)

12.00

Tuesday July 11, 1916. (Remeasures of few deg. stars to reduce 88 to 25)

012 6.3
018 6.5
019 7.4
020 8.7
021 5.2
022 9.1

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1916phae.proj.10750

9.20

Wednesday June 28, 1916

YELLOW
MC 7089

H. & Rug C 4

01 1417 922
B B

02 1533 1200
~~0.1 15 15~~ B B

03 918 1248
B B

04 1393 1182
B B

05 1513 1212
5.4 1547 1203 5.3

06 1532 1067
B B

07 1567 994 B
B

04a 1211 1316
B B

08 1537 1070
6.0 1567 1063 6.2

09 1394 1089
4.9 1437 1082 4.9

09a 1438 1259
6.2 1465 1258 6.3

010 1434 1242
7.0 1448 1233 7.2

011 1589 1038
7.1 1598 1038 7.5

012 1404 1123
6.1 1429 1114 6.3

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Wednesday June 28, 1916

YELLOW

MC7089

Alg C4

P-C

01	7.6	1406	907	7.6
02	8.1	15 15	1183	8.4
03	7.9	903	1233	7.8
04	7.7	1378	1165	7.8
05	9.5	1477	1194	9.7
06	7.9	1516	1053	8.2
07	8.5	~~1545~~	978	8.6
6 Ha	8.5	1187	1300	8.5
08	~~9.8~~	~~1603~~	~~1054~~	10.1
09	9.0	1367	1076	8.8
09a				
010				
011				
012				

wrong image mag

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Wednesday June 28, 1916

YELLOW
MC 7089

H. & Reg C4

013		1465 1025		
	6.3	1458 1016	6.3	
014		1307 1080		
	7.4	1296 1080	7.6	
015		1314 1072		
	7.5	1304 1072	7.7	
016		1448 1082		
	7.5	1438 1082	7.9	7.8
017		1444 1027		
	7.8	1429 1027	7.9	
018		1417 1033		
	8.5	1395 1033	8.7	
019		1450 1053		
	8.2	1433 1053	8.3	
020		1457 1069		
	8.2	1438 1069	8.3	
021		1447 1104		
	9.8	1413 1102	9.7	
021a		1419 1044		
	10.1	1380 1044	10.0	
022		1462 1057		
	8.7	1427 1057	9.2	9.1

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Wednesday June 28, 1916

YELLOW

H. S. Reg C4

NC 7089

Beginning Zone I	Card 430	Limit	1986	9.40
End Zone I	card 302			10,00
Beginning Zone II	Card 455	Limits	1986	
			1788	10.05
End Zone II	Card 308			10.40
Beginning Zone III	Card 457	Limits	1791	
			1604	10.40
End of Zone III	Card 89			11.15
Beginning Zone II	Card 465	Limits	1604	
			1488	11.25
End Zone II	Card 91			12.05

12.10

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Thursday June 29, 1916

9,10

H.S Reg C4

YELLOW
mc 7089

01	1419	922	
	B		D
02	1535	1202	
	B		B
03	918	1248	
	B		B
04	1393	1182	
	B		B
05	1513	1212	
	5.3	1548 1203	5.3
06	1532	1067	
	B		B
07	1567	984	
	B		B
4a	1211	1316	
	B		B
08	1537	1069	
	6.1	1565 1060	6.1
09	1395	1091	
	4.9	1437 1083	4.9
09a	1438	1260	
	6.1	1467 1250	4.3
010	1433	1243	
	7.1	1448 1234	7.2
011	1586	1038	
	7.1	1578 1038	7.1
012	1404	1123	
	6.2	1429 1114	6.2

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1916phae.proj.10750

Thursday June 29, 1916

YELLOW
mC7089

No. 23 V+S Rug C4

01	7.8	1405	906	7.7
02	8.2	1514	1184	8.2
02	7.9	904	1232	7.2
04	8.1	1375	1167	7.8
05	9.4	1498	1194	9.6
06	8.1	1514	1052	8.2
07	8.7	1543	979	8.6
04a	8.7	1187	1300	8.6
08	10.0	1497	1055	9.6 10.0
09	8.8	1368	1076	9.1
09a				
010				
011				
012				

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Thursday June 29, 1916

YELLOW
mC 7089

N. S. Reg C 4

013	1466	1025	
	6.3 1488	1016	6.4
014	1306	1081	
	7.4 1296	1079	7.5
015	1314	1172	
	7.6 1303	1072	7.6
016	1449	1083	
	7.9 1434	1083	7.8
017	1444	1026	
	8.0 1427	1026	7.7
018	1417	1033	
	8.7 1394	1033	8.7
019	1451	1052	
	8.2 1432	1052	8.3
020	1457	1070	
	8.2 1438	1070	8.4
021	1448	1103	
	9.7 1413	1103	10.0
021a	×/		×/
022	1463	1057	
	8.7 1438	1057	9.2 8.9

9.20

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Thursday June 29, 1916

YELLOW
mc 7089

7-S. Reg C4

Beginning Zone V	Card 287	Limits 1408 1232	9.25
End Zone V	Card 501		9.55
Beginning Zone VI	Card 296	Limits 2232 1026	10.00
End Zone VI	Card 45		10.30
Beginning Zone VII	Card 265	Limits 1027 848	10.36
End Zone VII	Card 476		10.55
Beginning Zone VIII	Card 270	Limits 750 653	10.55
End Zone VIII	Card 469		11.25
Outside 4° Sq.	Card 240		11.25
	Card 228		11.45

11.50

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1916phae.proj.10750

YELLOW
mC 7089

Friday June 30, 1916

Measures of few sequence plates to reduce the following plates which were omitted in previous sitting:
Nos 81, 157, ~~190~~, 317, ~~333~~, ~~467~~, 604, 614. 369

08 1537 1068
5.9 1567 1059
09 1395 1090
B
09a 1438 1259
6.2 1464 1250
010 1433 1244
7.0 1419 1235
011 1587 1038
7.1 1578 1028
012 1404 1123
6.2 1428 1113
013 1465 1024
6.1 1490 1015
014 1306 1070
7.5 1296 1070
015 1314 1071
7.6 1303 1071
016 1449 1082
7.7 1437 1092
017 1443 1026
7.8 1428 1026
018 1417 1032
8.8 1393 1032

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1916phae.proj.10750

10.30

Monday, July 3, 1916

YELLOW
Mar
MC 8099

H.St. Reg A2

See also Obs 29. 6-9

01 1274 1110 B
B

02 1684 779 B
B

03 1094 341 B
B

04 off plate

05 600 364 B
B

06 632 147

07a 1387 663 B
B

08a 1334 618
5.7 1367 609 5.5

08b 1575 783
6.2 1602 776 6.1

09 1364 1113
5.8 1393 1103 6.1

010 1206 769
1 6.1 1231 761 6.1

011 987 618
6.7 1008 609 6.6

013 1046 1237
6.3 1423 1228 6.6

014 1555 984
7.4 1546 984 7.4

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1916phae.proj.10750

Monday, July 3, 1916.

YELLOW
MC 8099

H. St. Reg a 2

PC

01	7.8	1264 1122	7.8
02	8.3	1666791	8.3
03	7.6	1078354	9.6
04	off plate		
05	8.9	5701376	9.1
06	9.4		
07a	9.1	1354676	9.2
15a			
08b			
09			

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1916phae.proj.10750

Monday July 3, 1916.

H. St. Reg Cz

YELLOW
9mC 8099

015 1447 886
7.4 1438 886 7.5

015a 1506 1072
8.2 1487 1072 8.2

016 1588 963
7.5 1577 963 7.5

017 1325 1003
7.3 1315 1003 9.3

017a 1548 1106
8.8 1522 1106 9.1

018 1443 927
9.5 1413 927 9.7

019 1458 1018
9.5 1426 1018 9.5

020 ~~1348 951~~ 1286 1002
9.9 ~~1316~~ 9.3 1256 1002

021 1348 978
9.9 1311 978 9.8

021a 1347 906
9.1 1319 906 9.3

012 1519 944
7.3 1534 936 6.8

10.40

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1916phae.proj.10750

Monday July 3, 1916.

YELLOW
MC 8099

10.45

Beginning Zone I Card 94 Limit {1994
End of Zone I Card 45 10.55

Beginning Zone II Card 135 Limits {1993
End of Zone II Card 41 11.10 {1786

Beginning Zone II Card 227 Limits {1786
End Zone II Card 40 11.25 {1608

Beginning Zone II Card 229 Limit {1607
End Zone IV Card 204 11.40 {1409

Beginning Zone I Card 125 Limits {1412
End Zone I Card 24 11.55 {233

Beginning Zone II Card 285 Limits {1233
End Zone V Card 13 12.05 {1027

Beginning Zone II Card 117 Limits {1027
End Zone VII Card 9 12.15 {856
12.25

Beginning Zone VIII Card 119 Limit {75-6
End Zone VIII Card 3 12.40

12.45

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1916phae.proj.10750

Saturday Sept 23, 1916

9.35

B5

YELLOW
MC 7545

01 1605 543
B B
02 1743 1109
B B
N.S. 05 ~~02~~ 1373 1015
5.1 1409 1008 5.4 5.2
04 1667 1106
5.3 1703 1098 5.2
N.S. 03 ~~05~~ 1217 843
B B
06 1283 546
4.6 1326 538 ?4.7
07 1460 637
6.1 1487 628 6.1
08 1493 1042
5.2 1528 1034 5.4
09 1392 908
5.9 1423 898 6.1
010 1402 936
6.8 1422 926 7.1 6.9
010a 1067 797
7.3 1082 788 7.3
011 1402 571
5.5 1435 562 5.4
012 1404 964
6.7 1400 964 6.7
013 1524 963
7.5 1512 963 7.5

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1916phae.proj.10750

Saturday Sept 23, 1916

YELLOW
MC 7540

PC

01	7.6	1597	532	7.5
02	8.6	1724	1095	8.5
NS 05 ~~03~~	9.9	1338	1042	10.0
04	9.8	1636	1093	9.9
NS 03 ~~05~~	9.4	1188	933	9.2
06	9.3	1253	533	9.3
17				
08	9.7	1462	1031	10.0
9				
10				
10a				
011	9.6	1373	557	9.6
12				
13				

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1916phae.proj.10750

Saturday Sept 23, 1916

YELLOW

m 7+5 45

014 1561 956

7.6 1548 956 7.5

014a 1575 1069

8.2 1553 1069 8.3

015 1276 989

7.4 1276 929 7.3

016 1403 982

7.6 1388 952 7.7

016a 1346 1227

8.5 1325 1227 8.7

~~017~~ no star

017a 1478 853

7.5 1467 853 7.4

018 1535 978

8.5 1513 978 8.6

019 1474 1104

9.2 1443 1104 9.3

020 1472 928

9.4 1438 928 9.5

021 1421 1065

9.4 1387 1065 9.5

022 ∫

023 1486 1088

10.0 1446 1088 10.0

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1916phae.proj.10750

Saturday Sept 23, 1916

YELLOW
MC 7545

9.55
Beginning Zone I Card 54 Limit {2034
End Zone I Card 64 10.00
Beginning Zone II Card 181 Limit {2045 / 830
End Zone II Card 65 10.15
Beginning Zone III Card 99 Limit {1532 / 1652
End Zone III Card 245 10.25
Beginning Zone IV Card 96 Limit {1648 / 1457
End Zone IV Card 247 10.40
Beginning Zone V Card 259 Limits {1457 / 1280
End Zone V card 13 10.45
Beginning Zone VI Card 94 Limits {1278 / 064
End Zone VI Card 15 11.00
Beginning Zone VII Card 79 Limits {1657 / 895
End Zone VII Card 16 11.10
Beginning Zone VIII Card 75 Limits {396
End Zone VIII Card 109 11.20

See also Bk 29:40.

11.25

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1916phae.proj.10750

Tuesday Nov 28, 1916

YELLOW

m'c 7796

10.55

B4

01 1127 1119
B B

02 1319 378
B B

03 1330 1726
B B

04 1010 743
B B

05 off plate edge

06 2356 1145
B B

07 1223 545
4.9 1263 536 4.9

08 1476 1061
4.6 1521 1052 4.6

09 1474 836
4.6 1517 828 4.6

09a 1000 927
5.2 1037 920 5.1

010 1576 1084
6.2 1600 1096 6.2

011 1412 1224
a 6.6 1434 1215 6.4

012 1545 997
6.2 1570 988 6.1

013 1408 1050
5.8 1439 1041 5.9

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1916phae.proj.10750

Tuesday Nov 28, 1916

YELLOW
on C7896

134

P C

01	8.8	1093	1131	8.7	
02	8.4	1293	388	8.5	
03	7.7	1710	1347	7.7	
04	9.3	976	756	8.8	8.8
05					
06	8.7	2326	1156	8.5	

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1916phae.proj.10750

Tuesday Nov 28, 1916

YELLOW
Inc 7896

014		1358 1120	
	7.1	1352 1120	7.4
015		1333 1106	
	7.1	1325 1106	7.1
016		1545 1223	
	7.6	1534 1223	7.6
017		1362 1131	
	7.6	1348 1130	7.6
018		1565 956	
	7.4	1553 956	7.3
019		1342 1033	
	8.0	1323 1033	7.9
019a		1540 983	
	8.7	1516 982	8.6
020		1446 1034	
	9.3	1414 1034	9.2
021		1447 813	
	8.2	1429 813	8.3
022		1378 1092	
	9.7	1342 1092	9.5
023			

11.10

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1916phae.proj.10750

Tuesday Nov 28, 1916

YELLOW
mC 7T96

11.15
Beginning Zone I Card 110 Limit 1976
End Zone I Card 32 11,28
Beginning Zone II Card 101 Limits {1976 / 782
End Zone II Card 26 11.36
Beginning Zone III Card 99 Limits {781 / 594
End Zone III Card 302 11.50
Beginning Zone IV Card 132 Limits {1590 / 1398
End Zone IV Card 270 12.08 (Lunch)
Beginning Zone V Card 124 1.58 Limits {1398 / 1224
End Zone V Card 281 1,24
Beginning of Zone VI Card 121 1.30 Limits {1224 / 1013
End Zone VI Card 12 1.50
Beginning Zone VII Card 117 Limits {1017 / 843
End Zone VII Card 10 2.03
Beginning Zone VIII Card 113 Limits {840
End Zone VIII Card 2 2,15

2,17

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1916phae.proj.10750

Wednesday Dec 20, 1916

9:30

C 3

YELLOW
mc 8257

01 1567 991
B B
02 2009 1378
B B
03 1935 813 B
B
04 1516 1133
B B
05 1008 1024
B B
06 1212 1088
B B
07 1296 813
B B
08 1388 845
B B
09 1859 1111
5.5 1894 1102 5.6
09h 1896 857
5.1 1935 848 5.1
010 1263 897
B B
011 1367 864
B 4.8
12 1854 1076
5.8 1886 1067 5.8
13 1547 1402
6.5 1567 1393 6.4

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1916phae.proj.10750

Wednesday, Dec 20, 1916

YELLOW
MC 805-7

01	8.2	1542	1005	8.3
02	8.2	1985	1390	8.2
03	8.1	1911	824	8.0
04	9.1	1483	1144	9.2
05	9.8	967	1036	9.8
06	9.7	1173	1100	9.5
07	9.8	1254	826	9.7
08	9.3	1353	857	9.5
09				
09b				
010	9.5	1224	890	9.4
011	10.0	1324	876	10.0

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1916phae.proj.10750

Wednesday Dec 20, 1916

YELLOW
8057

014		1640	1283	
	7.3	1655	1285	7.3
015		1717	1109	
	7.1	1735	1098	7.4
016		1606	1045	
	6.8	1626	1036	7.1
017		1502	1099	
	6.4	1524	1090	6.4
018		1406	1055	
	7.3	1397	1055	7.3
019		1551	1164	
	7.5	1539	1164	7.5
020		1604	1151	
	7.5	1593	1151	7.4
021		1494	1098	
	7.8	1479	1098	7.9
022		1478	1082	
	8.1	1460	1082	8.1
023		1434	994	
	9.2	1404	994	8.9
024		1525	1084	
	7.4	1514	1084	7.4
025		1393	1043	
	9.4	1343	1043	9.3
026		1387	1078	
	9.4	1353	1078	9.2
027.	tf			10.0

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1916phae.proj.10750

Wednesday Dec 20, 1916

YELLOW
8057

9.40

Beginning Zone I Card 102 Limit 2057
End Zone I Card 69 9.53
Beginning Zone II Card 93 Limits (2057 1863
End Zone II Card 129 10.12
Beginning Zone III Card ~~124~~ 92 Limits (1863 672
End Zone III Card 44 10.30
Beginning Zone IV Card 124 Limits (1672 1499
End Zone IV Card 25 10.45
10.55 ~~11.05~~

~~Watch last 10 min between beginning and end of zone catalogue but was at night at end.~~ Mistake.

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1916phae.proj.10750

Thursday Dec 21, 1916

YELLOW
8057

9.40

C 3

01	1567 993	
	B	B
02	2009 1378	
	B	B
3	1934 815	
	B	B
04	1517 1134	
	B	B
05	1007 1024	
	B	B
06	1210 1087	
	B	B
07	1295 813	
	B	B
08	1398 845	
	B	B
09	1860 1111	
	5.3 1895 1103	5.6
09b	1896 858	
	4.9 1937 851	5.1
010	1262 896	
	B	B
011	1367 863	
	B	B
012	1854 1076	
	5.9 1885 1066	6.1
013	1545 1404	
	6.4 1567 1394	6.5

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Thursday Dec 21, 1916

YELLOW
8057

1	8.2	1574	1005	8.2
2	8.1	1995	1390	8.1
3	8.0	1911	826	7.9
4	9.1	1483	1144	9.3
5	9.8	967	1036	9.7
06	9.8	1191	1100	9.7
07	9.8	1253	824	9.8
08	9.5	1353	856	9.4
9				
9b				
010	9.6	1225	888	9.5
011	✗f			✗f

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Thursday Dec 21, 1916

YELLOW
8057

014	1640	1284	
	7.3 1653	1275	7.3
015	1717	1110	
	7.2 1733	1100	7.4
016	1607	1045	
	6.8 1627	1037	6.7
017	1498	1099	
	6.3 1526	1091	6.5
18	1407	1054	
	7.3 1397	1054	7.4
019	1553	1166	
	7.3 1543	1166	7.4
020	1605	1152	
	7.4 1594	1152	7.5
021	1494	1099	
	8.1 1476	1099	8.1
022	1479	1083	
	7.9 1463	1083	8.1
023	1434	995	
	8.8 1406	995	9.1
024	1524	1084	
	7.3 1514	1084	7.4
025	1373	1044	
	9.3 1342	1044	9.4
026	1385	1080	
	9.2 1355	1080	9.4
027	##		

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1916phae.proj.10750

Thursday Dec 21, 1916

YELLOW

8057

9.53

Beginning Zone V Card 122 Limit {1483 1300

End Zone V Card 27 10.15

Beginning Zone VI Card 121 Limits {1304 1100

End Zone VI Card 10 10.30

Beginning Zone III Card 109 Limits {1100 923

End Zone III Card 9 10.45

Beginning Zone VIII Card 104 Limits {924

End Zone VIII Card 1 10.55

11.00

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1916phae.proj.10750

Saturday, April 21, 1917

YELLOW

mC4968

10,15

First use by M.E.O., of Scale aL.

B 6

Scale a L

01 1372 1337

B

02 1885 478

B

03 2097 550

B

04 1792 776

B

05 1307 303

B

06 917 1242

B

07 917 1126

B

08 1564 1042

2.2 1556 1042 2.3

09 1279 1048

3.4 1259 1048 3.4

010 1115 979

4.1 1087 979 4.5

011 1457 1071

4.4 1426 1071 4.4

012 1466 898

4.5 1437 898 4.5

013 1504 1043

5.4 1467 1043 5.4

014 1347 1069

5.9 1302 1069 6.4 6.4

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1916phae.proj.10750

Saturday April 21, 1917

YELLOW
mCH968

B.C.

01	8.8	1342	1305	7.7	
02	8.3	1858	450	7.5	
03	8.2	2073	522	7.6	
04	5.7	1740	762	5.7	
05	9.3	1272	274	9.7	
06	10.4	870	1216	10.1	
07	11.3	862	1098	11.3	
08	10.6	1017	1011	11.3	10.8
09	∫				
010					
011					
012					
013					
014					

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1916phae.proj.10750

Saturday, April 21, 1917

YELLOW
mc 4968

015 1377 1042
6.9 1325 1042 6.5 7.1
016 1356 1110
6.1 1308 1110 6.1
017 1466 1136
5.8 1422 1136 5.8
018 1267 1074
7.3 1209 1074 7.4
019 1473 989
9.3 1448 971 9.4
020 1506 1165
9.4 1480 1149 9.4
021 1440 1226
10.7 1402 1208 11.1 10.7
022 1450 1194
11.2 1407 1176 11.1
023 1403 1037
11.3 1358 1020 11.4
024 1406 1067
10.1 1372 1048 10.2
025 1406 1136
12.2 1352 1120 12.5
026 1313 1142
10.9 1271 1126 11.4 10.8
027 1435 1043
13.3 1385 1026 Aff.
028 ″ ″

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1916phae.proj.10750

Saturday, April 21, 1917

YELLOW
MC 41968

10.30 Beginning Zone I Card 110 Limit {1988
End " Zone I Card 33=03 10,40
Beginning Zone II Card 116 Limits {1986 1827
End " Zone II Card 29 10.50
Beginning Zone III Card 259 Limit {1830 1635
End Zone III Card 235 11.05
11.30 Beginning Zone IV Card 103 Limits {1637 1460
End Zone IV Card 17 11.40
Beginning Zone V Card 98 Limits {1458 1233
End Zone V Card 243 12.00
12.20 Beginning Zone VI Card 86 Limits {1235 1022
End Zone VI Card 25-0 12.35
Beginning Zone VII Card 83 Limits {1022 860
End Zone VII Card 9 12H2
Beginning Zone VIII Card 85 Limit {860
End Zone VIII Card 1 12,52

See also Bk 29:44-

1.00 E.W.

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1916phae.proj.10750

Sunday, April 24, 1917

B 7

YELLOW

mc5669

9.10

Scale a 2

01 1613 1252

B

02 2024 1292

B

03 1571 1595

B

04 437 1346

B

05 944 2016

B

06 592 1742

R

07 1533 1128

B

08 1582 842

B

09 1517 1561

B

010 1760 1392

2.8 1748 1392 2.8

011 1311 873

3.1 1294 873 2.9

012 1962 1222

2.3 1953 1222 2.3

013 1304 1263

2.4 1292 1263 2.4

014 1621 976

4.2 1593 976 4.1

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1916phae.proj.10750

Tuesday, April 24, 1917

YELLOW
MC 5669

01	7.6	1553	1236	7.4
02	10.1	1990	1260	10.2
03	5.4	1530	1580	5.5
04	10.2	402	1313	10.2
05	9.4	916	1984	9.4
06	11.4	546	1709	11.5
07	11.2	1488	1095	11.2
08	8.9	1560	809	8.6
09	10.2	1482	1528	10.5
010	12.1	1706	1259	12.2
011	12.1	1257	841	12.1
012	11.2	1917	1158	11.2
013	11.6	1254	1231	11.5

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1916phae.proj.10750

Sunday April 24, 1917

YELLOW
mc5669

015 1297 864
3.8 1275 864 3.9
016 1548 948
6.2 1509 948 6.3
017 1384 996
7.1 1328 996 7.1
018 1603 1090
5.8 1560 1090 5.7
019 1578 1137
5.1 1543 1137 5.1
020 1261 1034
6.1 1215 1034 6.1
021 1583 1159
7.4 1525 1159 7.6
022 1454 1037
7.3 1395 1037 7.3
023 1494 1112
8.4 1478 1094 7.5
024 1447 1128
10.3 1414 1110 10.4
025 1463 1091
9.1 1438 1072 9.2
026 1483 1084
10.1 1449 1067 10.1
027 ~~1511 1090~~ NS 1511 1120
~~1553 1091~~ 11.4 1467 1102 11.4
028 ~~1537 1066~~ NS, 1533 1092 Af
Af
9.25

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1916phae.proj.10750

Tuesday April 24, 1917

YELLOW
MC5669

9.30

Beginning Zone I Card 198 Limits {2000
End Zone I card 150 9,50

Beginning Zone II Card 196 Limits {2000
1202
End Zone II card 141 10.15

Beginning Zone III card 177 Limits {1802
1612
End Zone III card 142 10.35

Beginning Zone IV card 181 Limits {1612
1419
End Zone IV Card 59 10.55

12.35 Beginning Zone V card 111 Limits {1419
1244
End Zone V card 56 12.55

Beginning Zone VI card 101 Limits {1277
1040
End Zone VI card 51 1.25

1.35 Beginning Zone VII card 94 Limits {1040
862
End Zone VII card 14 1.55

2.00 Beginning Zone VIII card 92 Limits {861
End Zone VIII card 6 2.20

2.25 E. E W

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1916phae.proj.10750

Thursday, April 26, 1917

9.25 66 YELLOW mc 8581

Scale a L

01 1460 428

B

02 off plate

03 996 1627

B

04 1186 869

B

05 1344 393

B

06 1183 738

2.5 1190 738 3.2

07 790 1039

4.1 763 1039 4.2

08 1201 558

2.3 1192 558 2.5

09 1480 1185

2.8 1468 1185 2.5

010 1271 1356

* p * p

011 1497 821

6.1 1450 821 6.0

12 1489 1010

3.5 1470 1010 3.6

13 1288 1020

4.7 1256 1020 4.9

014 1539 1140

6.8 1478 1140 7.4 7.2

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1916phae.proj.10750

Thursday April 26, 1917

C6. YELLOW Mc 8581

	PC			g		h
01	10.4	1428	398	10.2	1426	417	10.2
02							
03	11.2	937	1598	11.4	11.1	933	1616	11.2
04	11.1	1147	839	11.2	10.6	1138	854	10.8
05	11.3	1303	360	11.3	11.2	1308	377	11.2
06	tp				12.4	1127	725	12.2
07	ʃ				ʃ			
08	11.6	1107	528	12.2 11.8	11.4	1106	546	11.3
09	ʃ			ʃ	12.0	1429	1172	12.1
010	11.4	1229	1327	11.5	10.9	1227	1342	10.7
11								

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1916phae.proj.10750

Thursday April 26, 1917

YELLOW mC8581

015	1286 1303			
	5.3 1247 1303	5.2		
016	15 18 883			
	96 1492 865	9.5		
017	1313 1197			
	9.7 1281 1179	9.8		
018	1295 916			
	11.1 1248 898	11.1		
019	1390 1242			
	9.9 1360 1226	10.1		
020	1333 1042			
	10.5 1293 1027	10.8	10.6	
021	1312 1038			
	10.4 1276 1020	10.8	10.6	
022	1311 1013			
	*p	*p		
023	1418 909			
	12.1 1365 890	12.2		
024	1284 1008			
	12.1 1230 990	12.3		
025	1397 1058			
	12.6 1347 1020	13.4	12.8	
010a	1093 1369			
	4.5 1044 1369	5.1	4.6	

9.40

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1916phae.proj.10750

Thursday April 26, 1917

YELLOW mc 8581

9.50

Beginning Zone I card 84 Limits {1984
End Zone I card 39 10.05

Beginning Zone II card 86 Limits {1985
1782
End Zone II card 41 10.20

Beginning Zone III card 261 Limits {1782
1600
End Zone III card 32 10.35

Beginning Zone IV card 89 Limits {1603
1409
End Zone IV card 264 10.47

Beginning Zone V card 113 Limits {1409
1230
End Zone V card 265 11.00

11.40 Beginning Zone VI card 255 Limits {1231
1015
End Zone VI card 245 11.50

Beginning Zone VII card 112 Limits {1017
850
End Zone VII card 9 12.03

12.05 Beginning Zone VIII card 109 Limit {853
End Zone VIII card 1 12.15

12.25 E.E.W

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1916phae.proj.10750

Saturday, May 5, 1917

10.05 C7 YELLOW mc 8587

Scale a I

01	1826 2028	
	B	B
02	848 1669	
	B	B
03	938 851	
	2.4 928 851	2.6
04	1442 1145	
	2.5 1431 1145	2.8
05	1182 1431	
	B	B
06	1398 1190	
	4.3 1370 1189	4.5
07	1443 1652	
	4.6 1413 1652	4.6
08	1345 1386	
	5.7 1303 1384	6.1
09	2058 1275	
	7.2 2003 1296	7.3
010	1708 1448	
	7.3 1649 1448	7.3
011	1625 1170	
	5.3 1588 1170	5.2
012	1315 987	
	7.4 1258 987	7.3
013	1520 1255	
	9.5 1494 1238	9.7
014	1551 1153	
	9.2 1526 1136	9.5

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Saturday, May 5, 1917

YELLOW
MC 8587

	PC			Q			h	
01	7.6	1769	2015	7.8	7.4	1764	2023	7.4
02	11.2	808	1639	11.4	10.9	807	1646	11.2
03	12.3	887	820	12.2	11.6	892	828	11.7
04				12.6	12.1	1390	1125	11.6 12.1
05	12.1	1133	1400	12.3	11.6	1135	1408	11.7
06								
07								

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Saturday, May 5, 1917

YELLOW
MC 8587

0 15	1396	1080		
	10.2	1343	1061	10.2
0 16	1573	1168		
	10.2	1538	1150	10.2
0 17	1487	1120		
	11.4	1441	1102	11.4
0 18	1438	1022		
	10.8	1398	1005	11.1
0 19	1481	1063		
	11.6	1435	1045	12.2 11.6
0 20	1476	1112		
	12.1	1421	1093	12.3

10.15

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Saturday; May 5, 1917

YELLOW

cy - mc 8587

10.20

Beginning Zone I card 87 Limits {2056
End Zone I card 77 & 10.25

Beginning Zone II card 185 Limits {2054
1864
End Zone II card 199 10.35

Beginning Zone III card 59 Limits {1866
1673
End Zone III card 151 10.50

Beginning Zone IV card 172 Limits {1673
1481
End Zone II card 208 10.55 - 11.15 out 11.25

12.25 Beginning Zone V card 174 Limits {1470
1304
End Zone V card 39 12.37

Beginning Zone VI card 178 Limits {1307
1102
End Zone VI card 41 12.55

Beginning Zone VII card 20 Limits {1102
922
End Zone VII card 42 1.12

Beginning Zone VIII card 9 Limits {918
End Zone VIII card 43 1.25

1.33 E. E. W.

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1916phae.proj.10750

9.15

Tuesday, May 15, 1917

C 8

YELLOW
mc 10439

Sun aft

01	1570 1616		
	B	B	
02	1036 298		
	B	B	
03	1605 1259		
	3.6 1584 1259	3.4	
04	2247 1232	B	
	B		
05	1966 880		
	B	B	
06	1811 1172	B	
	B		
07	1581 1018		
	3.8 1558 1018	4.1	
08	1427 728		
	2.8 1416 728	3.3	2.8
09	1577 665		
	3.9 1553 665	4.2	
010	1555 1242		
	6.9 1582 1242	6.9	
011	1557 959		
	5.7 1516 959	5.9	
012	1437 1137		
	5.1 1399 1137	4.8	
013	1612 1336		
	5.4 1572 1336	5.1	
014	1103 992		
	7.4 1045 992	7.2	

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1916phae.proj.10750

Tuesday, May 15, 1917

YELLOW

c 8

amc 104 39

	PC				g		h	
01	11.3	1522 1611	11.2		10.4	1536 1602	10.4	
02	11.1	988 293	11.3		✱p		+p	
03							12.8	
04	11.2	2200 1228	11.2		10.7	2209 1220	10.5	
05	11.1	1919 873	10.6	10.7	10.4	1930 867	9.8	10.1
06	11.3	1761 1166	11.4		10.9	1768 1157	10.6	
07								
08								
09								
10								

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Tuesday, May 15, 1917

CT

YELLOW
mC 10439

015	1357 1246		
	9.2 1332 1227	8.7	8.8
016	1253 997		
	9.5 1225 979	9.6	
017	1248 1357		
	6.7 1198 1357	7.2	6.6
018	1509 1121		
	10.1 1476 1103	10.1	
019	1590 1076		
	9.2 1565 1039	9.3	
020	1483 865		
	7.4 1423 865	7.5	
021	1397 1285		
	11.4 1351 1267	11.7	
022	1341 1068		
	* f	12.9	
023	1521 1148		
	12.1 1467 1130	12.4	
06a	1789 612		
	4.4 1760 612	4.4	
020a	1351 1380		
	10.4 1315 1363	10.2	
024	1438 1153		
	* f	* f	
		9.25	

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1916phae.proj.10750

Tuesday, May 15, 1917

YELLOW

C8 mc 11439

Beginning Zone I card 166 Limits {1973
End Zone I card 49 9.40

Beginning Zone II card 162 Limits {1973
1777
End Zone II card 47 9.55

Beginning Zone III card 169 Limits {1779
1591
End Zone III card 48 10.12

Beginning Zone IV card 170 Limits {1587
395
End Zone II card 34 10.30

Beginning Zone V card 173 Limits {1394
1215
End Zone I card 264 10.45

Beginning Zone VI card 258 Limits {1216
1009
End Zone II card 15 11.00

Beginning Zone VII card 144 Limits {1009
832
End Zone VII card 17 11.05 - 1.15 1.25

Beginning Zone VIII card 175 Limits {833
End Zone VIII card 2 1.50

2.10 —— 2.20

E. E. N

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1916phae.proj.10750

9.05

Tuesday, May 22, 1917

C9

YELLOW

mc 8881

2c af

01	1673 1753		
	B	B	
02	1895 1336		
	B	B	
03	1498 953		
	B	B	
03a N	1857 833	B	
	B		
04 S	1219 1242		
	B	B	
05 S	1093 1233		
	3.4 1075 1233	3.4	
06 N	1735 1225		
	3.5 1715 1225	3.2	
06a N	1423 1539		
	3.2 1406 1539	3.2	
07 S	1523 1039		
	2.7 1510 1039	2.5	
08 N	1633 1192		
	4.7 1600 1192	4.7	
08a N	1532 1300		
	6.1 1455 1300	6.2	
09 N	1386 1290		
	7.8 1323 1290	7.6	
010 S	1197 1188		
	9.7 1167 1160	9.6	
011 N	1300 1113		
	5.5 1259 1113	5.5	

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1916phae.proj.10750

Tuesday, May 22, 1917

c 9

YELLOW
mC 8881

	P C			g	h	
01	11.2	1623 1746	11.3	11.1	1630 1739	11.1
02	10.5	1853 1331	10.4	10.1	1863 1323	10.1
03	10.2	1460 979	10.3	9.5	1470 970	9.6
03a	11.3	1807 826	11.3	11.1	1816 817	11.1
04	11.1	1171 1239	11.3	10.9	1178 1230	10.7
05	12.2	1035 1228	12.6	* p		12.2
06	m s			12.4	1679 1211	12.3
06a	12.2	1366 1632	12.2	* p		12.1
07	12.4	1463 1633	12.2	* p	* p	

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Tuesday, May 22, 1917

C 9

YELLOW
mc 8881

scat

0 15 2/5	1376 1079		
	7.4 1318 1079	7.4	
0 15 3/4	1287 1241		
	7.7 1227 1241	7.8	
0 14	1307 1034		
	10.1 1276 1016	9.9	
0 15	1375 1166		
	9.4 1347 1149	9.2	
0 16	1369 1137		
	11.4 1324 1116	11.4	
0 17	1454 1078		
	*y	*y	
0 18	1376 1178		
	*y	*y	

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1916phae.proj.10750

Tuesday, May 22, 1917

C9

YELLOW
mc 8881

9.20

Beginning Zone I card 137 Limits {1965
End Zone I card 184 9.45

Beginning Zone II card 192 Limits {1965
1771
End Zone II card 41 10.05

Beginning Zone III card 191 Limits {1771
585
End Zone III card 183 10.25

Beginning Zone IV card 119 Limits {585
356
End Zone IV card 172 10.45

12.25 Beginning Zone V card 107 Limits {1386
1210
End Zone V card 181 12.45

Beginning Zone VI card 198 Limits {1208
1010
End Zone VI card 185 1.05

1.10 Beginning Zone VII card 109 Limits {1012
823
End Zone VII card 13 1.25

Beginning Zone VIII card 189 Limits {732
End Zone VIII card 190 1.50

1.55 E.E.W.

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Wednesday, May 30, 1917

YELLOW
mC 8886

10.25 C 10

2c aL

01 1394 1353
B B
02 1265 1396
B B
03 1599 925
B B
04 1760 922
2.7 1750 922 2.5
05 1783972
4.1 1755 972 3.6
06 1470 1003
dbl
07 1463 1120
2.3 1453 1120 2.4
08 1395 1238
6.2 1349 1236 6.2
09 1135 959
5.2 1097 959 5.3
010 1290 1152
7.3 1234 1152 7.4
011 1450 1086
8.5 1434 988. 8.6
012 1337 1100
10.2 1305 1082 10.4
013 1357 1108
11.1 1317 1089 11.1
014 1411 1192
11.2 1366 1173 11.4

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Wednesday, May 30, 1917

e10

YELLOW
mc 8886

	pc			g		h
01	10.7	1352 1348	10.8	10.5	1356 1340	10.7
02	11.2	1215 1392	11.3	11.4	1218 1383	11.4
03	10.7	1559 920	10.9	10.3	1565 913	10.4
04	11.7	1708 916	12.0	11.5	1713 908	11.4
05				tj.		
06						
07	11.4	1411 1113	11.5	11.3	1418 1107	11.4
8						
9						
10						
11						
12						

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Wednesday, May 30, 1917

C 10

YELLOW
mc8886

15	1460	1173		
	10.7	1422 1154	11.1	10.7
16	1448	1125		
	11.4	1402 1157	11.4	
17	1447	1170		
	12.1	1394 1153	12.2	
18	1462	1135		
	12.1	1408 1116	12.3	
19	1446	1178		
	∫		∫	

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Wednesday, May 30, 1917.

c 10

YELLOW
mc 8886

10.35

Beginning Zone I card 197 Limit 20 ~~38~~ 06
End Zone I card 65 11.07
Beginning Zone II card 188 Limits { 2000 / 1803
End Zone II card 53 11.45

11.50

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Thursday, May 31, 1917

9.35

c10

YELLOW
mc8886

Sc a t

01 1392 1353
B B
02 1266 1398
B B
03 1600 927
B B
04 1761 923
B 2.4
05 1782 971
4.3 1754 971 3.8 4.1
06 1470 1063
dbl dbl
07 1463 1128
2.3 1453 1170 2.3
08 1397 1239
6.5 1346 1239 6.2
09 1136 959
5.4 1097 959 5.2
010 1291 1153
7.4 1232 1153 7.4
011 1451 1005
8.4 1483 988 7.8
012 1337 1100
10.2 1309 1082 10.2
013 1358 1107
10.9 1317 1088 11.1
014 1412 1191
11.3 1365 1173 11.3

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Thursday. May 31, 1917

YELLOW
Mc 8886

C 10

	f C				g			h
01	10.7	1348	1347	11.2	10.7	10.5 1357	1339	10.8
02	11.2	1215	1393	11.2		11.3 12A	1383	11.3
03	1X7	1558	921	10.7		10.4 1565	913	10.4
04	11.8	1706	916	12.1		11.4 1715	908	11.6
05	f							
06								
07	11.4	1412	1115	11.4		11.2 1418	1107	11.3
08								

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Thursday, May 31, 1917

C10

YELLOW
mC 8886

015	1459	1173		
	11.1	1416 1155	10.1	11.1
016	1447	1175		
	11.3	1403 1157	11.2	
017	1447	1172		
	12.1	1395 1153	12.1	
018	1451	1135		
	12.1	1407 1115	12.2	
019	1442	1148		

f f

9.40

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Thursday, May 31, 1917

50
9.45

C10

YELLOW
mc 5886

Beginning Zone III card 186 Limits { 1505 / 1618
End Zone III card 3-2 10.25
Beginning Zone IV card 176 Limits { 1620 / 1428
(10.40) End Zone IV card 40 11.15
Beginning Zone V card 206 Limits { 1430 / 1247
11.25 - 11.30 out
End Zone V card 24 12.00
Beginning Zone VI card 224 Limits { 1248 / 1045
End Zone VI card 26 12.30
12.55 Beginning Zone VII card 223 Limits { 1045 / 863
End Zone VII card 19 1.20
Beginning Zone VIII card 235 Limit { 867
End Zone VIII card 9 1.45

1.50

E.E.W.

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Thursday June 7, 1917

9.20 a 3

YELLOW
mc6474

L c a L See also Pk 29: 10-13.

01	1300 202			
	B	B		
02	1070 246			
	B	B		
03	2034 1195			
	B	B		
04	1307 618			
	B	B		
05	1402 1568			
	B	B		
06	1183 1478			
	B	B		
07	1469 1284			
	B	B		
08	1303 1203			
	3.5 1282 1203	3.7		
09	1507 1240			
	3.4 1486 1240	3.6		
010	1186 808			
	3.1 1168 808	3.6	3.3	
011	1457 971			
	3.6 1437 971	4.2	3.7	
012	1509 1352			
	4.6 1477 1352	4.7		
013	1218 1259			
	4.5 1186 1259	4.4		
014	1189 1232			
	5.5 1149 1232	5.4		

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1016phae.proj.10750

Thursday June 7, 1917

Qr 3

YELLOW
mc6474

		PC		
01	near edge			
02	10.1	1026	212	9.9
03	10.7	1994	1161	10.6
04	8.9	1285	585	9.3
05	~~7.3~~	1345	1530	7.3
06	11.8	1321	1444	11.8
07	10.0	1437	252	10.3
08	13.4	1237	1169	*f
09				

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Thursday, June 7, 1917

a3

YELLOW
mc6474

015	1497	958		
	5.7	1456	958	5.6
016		1403	1193	
	5.3	1365	1193	5.2
017		1531	1065	
	7.4	1473	1065	7.5
018		1458	1271	
	8.8	1436	1255	8.2
019		1321	1062	
	9.2	1294	1045	9.4
020		1297	1065	
	7.7	1235	1065	7.5
021		1375	1163	
	10.4	1338	1145	10.6
022		1435	1102	
	11.1	1390	1084	11.0
023		1432	1114	
	12.3	1388	1095	11.2
024		1417	1190	
	10.9	1394	1173	11.2
025		1398	1178	
	11.4	1354	1160	11.6
026		1530	1117	
	12.1	1476	1097	12.4
027		1394	1099	
	~~14.6~~	1337	1080	13.4

13.4

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Thursday, ~~May~~ June 7, 1917

a 3

YELLOW
mc6474

9.35

Beginning Zone I card 145 Limit {2022
End Zone I card 36 9.50
Beginning Zone II card 134 Limits {2024 / 826
End Zone II card 28 10.10
Beginning Zone III card 133 Limits {1825 / 1642
End Zone III card 24 10.30
Beginning Zone IV card 120 Limits {1641 / 1446
End Zone IV card 18 10.50
Beginning Zone V card 69 Limits {1446 / 1272
End Zone I card 11. 11.10
11.20 Beginning Zone VI card 117 Limits {1271 / 1068
End of Zone VI card 12 10.40
Beginning Zone VII card 111 Limits {1 & 9 / 691
End Zone II card 4 12.00
Beginning Zone VIII card 88 Limit {850
End Zone VIII card 2 12.20

12.25 E. E. W.

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9.10

Wednesday. June 27, 1917

4 recp 2m each

Scale A H 1

Corrections for Distance

measuring machine P560

21h 40m 48°52

	V	H	Sc	V
Red cross center region	1407	1137		
black cross center plate	1413	1165		
star 1st	1386	1090	B	
2d	1386	1166	B	
3rd	1386	1239	B	
4th	1386	1317	B	
	1380	1386	6.9	1365
	1445	1380	7.3	1425
	1404	1381	B	
	1396	1381	B	
	1375	1378	4.2	1404
	1358	1379	8.1	1333
	1391	1379	8.1	1367
	1428	1378	8.1	1464
	1361	1373	6.2	1350
	1374	1371	4.4	1375
	1373	1369	5.9	1365
	1355	1365	B	
	1355	1359	6.4	1342
	1407	1363	8.4	1363
	1422	1365	7.8	1401
	1397	1359	6.8	1385
	1469	1359	8.6	1433
	1458	1359	8.3	1433
	1416	1357	7.8	1395
	1373	1352	B	
	1360	1348	7.3	1343

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Wednesday, June 27, 1917

Scale a1+1

P560

V	A	Sc	V
1371	1346	4.3	1400
1390	1346	7.2	1370
1394	1346	8.3	1369
1406	1347	*p	
1469	1352	6.4	1457
1437	1345	7.2	1418
1395	1344	7.5	1376
1419	1340	4.7	1418
1381	1338	7.6	1359
1363	1338	9.3	1328
1367	1339	8.6	1346
1404	1343	7.5	1393
1456	1354	7.4	1443
1438	1323	3.8	1472
1435	1323	8.5	1408
1388	1319	6.2	1376
1386	1319	6.6	1373
1350	1318	6.4	1337
1435	1318	9.3	1401
1440	1317	8.7	1413
1453	1317	6.4	1441
1438	1313	7.8	1418
star a	1387	1315	B
1373	1313	9.2	1337
1453	1317	6.4	1440
1438	1313	7.7	1418
1458	1310	8.8	1429

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Wednesday June 27, 1917

Scale aH 1

P 560

V	H	Sc	V
1378	1304	6.6	1367
1374	1304	4.2	1403
1357	1303	7.7	1387
1396	1305	B	
1392	1302	8.1	1367
1436	1302	8.7	1410
1403	1302	B	
1377	1299	7.8	1355
1401	1300	8.4	1376
1436	1302	8.6	1408
1445	1300	7.0	1428
1488	1298	7.7	1408
1377	1299	7.8	1357
1375	1296	5.1	1370
1377	1292	8.9	1348
1428	1298	7.7	1409
1423	1292	8.3	1395
1421	1291	7.7	1400
1423	1290	8.5	1395
1355	1292	8.1	1328
1354	1289	B	
1398	1287	6.6	1386
1449	1287	7.4	1429
1465	1286	8.4	1437
1461	1283	8.5	1425
1415	1283	6.9	1398
1358	1283	7.2	1339

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Wednesday, June 27, 1917

Scale 1 Ht

P560

V	Ht	Sc	V
1354	1280	6.4	1343
1360	1273	7.1	1343
1395	1279	8.8	1366
1417	1279	9.7	1394
1420	1277	5.1	1416
1455	1277	7.6	1433
1465	1271	9.4	1429
1436	1266	6.6	1421
1407	1263	8.2	1383
1419	1262	5.1	1414
1413	1261	5.5	1406
1383	1258	8.1	1358
1377	1255	8.4	1347
1363	1258	5.8	1354
1345	1261	3.6	1384
1354	1267	6.2	1340
1441	1252	6.2	1431
1438	1252	4.2	1467
1435	1249	8.3	1405
1427	1248	8.7	1403
1435	1245	9.1	1403
1417	1246	8.1	1391
1349	1242	6.1	1336
1353	1235	8.5	1327
1380	1240	7.5	1363
star a 1385	1237	B	
1380	1232	6.6	1357

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Scale a+1

P560

V	H	S.	V
1375	1229	4.7	1403
1377	1223	7.8	1356
1378	1218	8.6	1352
1364	1220	H	
1401	1221	8.4	1375
1402	1220	7.7	1380
1415	1219	7.7	1394
1421	1218	8.3	1397
1423	1216	7.7	1399
1420	1211	7.6	1400
1428	1225	7.6	1408
1434	1218	7.6	1415
1436	1218	7.4	1420
1444	1226	6.9	1427
1450	1210	7.5	1429
1464	1204	8.5	1437
1463	1200	5.2	1455
1459	1200	7.5	1438
1453	1198	7.2	1436
1466	1193	B	
1435	1192	6.7	1421
1465	1192	8.5	1436
1422	1198	4.5	1422
1419	1189	4.7	1417
1413	1185	5.9	1403
1417	1189	8.5	1391
1409	1188	5.5	1406

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Scale a H 1

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V	H	Sc	V
1418	1174	7.8	1395
1413	1167	6.9	1397
1408	1178	8.4	1383
1404	1183	7.7	1386
1405	1195	3.5	1438
1394	1191	7.1	1378
1395	1195	7.6	1377
1387	1196	6.7	1373
1352	1189	6.2	1341
1363	1178	5.5	1356
1360	1176	6.3	1345
1355	1165	8.5	1328
1355	1160	8.6	1326
1388	1166	5.9	1378
star a	1386	1163	B
	1382	1163	7.5 1362
	1366	1165	8.5 1328
	1353	1159	8.4 1327
	1369	1167	6.6 1367
	1376	1158	7.5 1356
	1396	1159	7.8 1376
	1398	1159	5.1 1423
	1398	1153	B
	1404	1151	B
	1400	1148	8.5 1376
	1401	1147	7.4 1383
	1376	1145	6.5 1363

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Scale a/A 1

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V	A	Sc	V
1378	1143	8.5	1353
1353	1140	7.7	1334
1438	1175	4.4	1437
1439	1173	5.7	1433
1434	1173	8.2	1410
1427	1172	8.6	1402
1433	1170	9.4	1400
1457	1166	7.1	1438
1452	1163	6.2	1441
1439	1160	7.5	1421
1443	1151	6.9	1429
1427	1149	7.5	1407
1403	1140	8.2	1378
1403	1138	8.3	1380
1413	1139	7.6	1393
1419	1138	7.6	1400
1421	1137	7.7	1402
1434	1137	7.7	1411
1413	1131	7.3	1396
1415	1130	7.5	1395
1417	1128	8.7	1388
1385	1131	8.5	1359
1375	1127	7.2	1357
1387	1125	8.2	1365
1389	1120	6.5	1377
1381	1120	8.4	1355
1387	1120	6.7	1375

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Boah 9 H1

P560

V	A	Sc	V
1395	1120	7.5	1375
1386	1118	6.7	1373
1405	1119	B	
1355	1131	6.6	1341
1358	1131	6.7	1343
1358	1128	7.8	1338
1353	1122	6.3	1338
1353	1115	5.9	1344
1420	1122	4.2	1450
1420	1116	4.9	1417
1436	1117	6.9	1419
1455	1126	7.3	1435
1460	1122	4.5	1488
1459	1121	7.4	1437
1468	1112	B	
1435	1116	6.9	1421
1441	1100	5.5	1435
1432	1095	7.1	1413
1416	1099	4.8	1416
1411	1091	6.9	1396
1413	1089	7.4	1394
1457	1089	6.8	1440
1455	1087	6.5	1440
1457	1089	8.9	1407
1438	1085	8.1	1415
1408	1092	7.2	1393
1413	1088	7.4	1394

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Scale a+1

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N	A	Sc	N
1416	1083	8.5	1391
1386	1092	5.8	1380
star a 1386	1087	B	
1379	1089	7.7	1360
1385	1082	7.4	1366
1368	1095	8.5	1341
1362	1103	5.6	1355
1358	1098	6.1	1347
1355	1090	6.2	1344
1363	1083	8.8	1335
1351	1077	7.8	1332
1374	1078	7.6	1356
1397	1079	B	
1398	1079	4.7	1397
1400	1073	7.6	1381
1438	1077	4.6	1439
1399	1073	8.4	1376
1400	1072	7.6	1381
1377	1065	6.3	1363
1355	1065	7.6	1335
1413	1067	8.1	1388
1400	1065	8.4	1376
1403	1062	8.6	1376
1419	1063	6.2	1405
1418	1063	5.9	1409
1419	1064	7.2	1402
1422	1065	7.8	1398

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Scale A+1

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N	A	S.	V
1433	1066	7.9	1412
1458	1065	B	
1454	1062	8.4	1427
1463	1059	8.4	1436
1436	1055	7.3	1418
1415	1054	6.9	1398
1409	1053	6.5	1397
1396	1052	8.9	1366
1386	1052	8.3	1358
1373	1051	7.4	1355
1357	1054	6.9	1343
1352	1045	6.4	1338
1376	1053	7.5	1354
1385	1052		
1385	1045	7.0	1368
1421	1048	4.3	1450
1453	1049	7.7	1434
1459	1049	4.5	1459
1457	1047	7.6	1437
1467	1040	B	
1415	1038	7.9	1393
1409	1036	7.6	1388
1406	1037	8.2	1379
1376	1035	7.2	1357
1379	1030	8.1	1355
1361	1030	6.2	1349
1358	1027	4.4	1347

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Scale 9 # 1

P 5 60

V		S	V
1417	1025	5.1	1413
1439	1024	5.9	1432
1457	1015	7.6	1437
1429	1016	7.2	1412
1413	1015	7.6	1393
1409	1015	7.2	1390
1354	1012	6.2	1343
1350	1008	7.7	1328
1375	1006	7.9	1353
1363	1005	7.4	1365
1395	1005	4.6	1397
1396	1004	B	
1420	1003	6.9	1404
1437	1002	7.9	1416
1417	999	7.2	1397
1438	999	4.3	1438
1357	995	B	
1376	993	6.7	1363
1364	991	6.6	1348
1418	993	+	
1421	989	8.2	1396
1433	991	8.5	1407
1458	990	B	
1459	981	6.6	1443
1435	976	7.5	1415
1421	988	8.2	1395
1416	986	6.4	1403

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Scale a 14 1

P 560

N	☆	sc	☆
1408	975	6.6	1395
1385	979	8.5	956
1375	974	7.4	1355
1353	973	6.6	1337
1372	972	6.1	1373
1385	971	7.1	1368
1371	963	7.2	1354
1355	959	7.1	1338
1376	957	7.4	1356
1363	950	8.2	950
1358	950	6.7	1340
1353	943	6.5	1343
1354	940	6.4	1343
1376	942	A	
1398	956	7.1	1383
1408	956	8.1	1384
1417	950	5.3	1410
1394	950	8.4	1368
1396	940	5.2	1376
1408	940	7.4	1393
1413	948	7.4	1393
1430	937	75	1469
1457	939	7.5	1435
1466	948	B	
1466	967	B	
1460	974	A7	
1438	926	5.1	1431

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Scale A #1

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V	A	Sc	V
1420	925	7.4	1401
1400	927	8.5	1373
1358	918	B	
1374	917	6.6	1360
1361	913	6.7	1347
1395	916	8.3	1369
1416	919	7.4	1397
1415	912	6.5	1403
1445	910	A	
1457	914	B	
1473	910	B	
1457	903	7.1	1441
1435	904	7.8	1413
1408	903	7.1	1392
1403	903	B	
1401	909	8.5	1374
1375	918	6.8	1358
1358	913	B	
1361	912	R 6.9	1345
1350	896	6.9	1335
1369	892	5.5	1375
1369	883	7.1	1372

center region	1407	1135
center plate	1412	1163
standard	1385	1090
2 cl	1385	1163

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Scala H1

P 560

V A S. V

3rd 1386 1237
4 1386 1316

11.45

20 min out.

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9.00

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Scale A L 44

Corrections for Distance Mt Plate

measuring machine P559

21h40m + 45°52'

Hexagon 2nd mark

red ink cross Center plate	1415	1123
black ink cross " region	1414	1148
star a lot	1388	1079
2nd	1388	1057
3rd	1388	1229
4th	1377	1311

V	H	Sc	V
1405	1376	B	
1398	1376	B	
1446	1373	11.1	1388
1445	1373	10.2	1413
1377	1371	+ ?	
1377	1363	+ ?	
1375	1358	7.3	1386
1441	1359	11.2	1396
1418	1352	11.1	1376
1452	1352	11.1	1409
1461	1350	11.2	1416
1423	1347	10.3	1388
1471	1339	8.5	1455
1435	1338	10.1	1406
1422	1336	5.3	1384
1408	1341	4.4	1378
1396	1340	9.2	1359
1397	1338	10.3	1363
1393	1342	10.2	1357
1389	1342	12.1	1329

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Scale 1"

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V	H	S.	V	
1382	1334	11.3	1337	
1384	1332	11.3	1338	
1375	1341	B		
1374	1336	5.1	1336	
1466	1328	10.1	1432	
1455	1309	8.7	1435	
1453	1309	11.5	1406	
1439	1318	4.6	1408	
1437	1313	11.3	1392	
1419	1321	11.4	1375	
1417	1327	5.8	1372	
1377	1322	12.2	1325	
1376	1321	10.4	1343	
1392	1315	7.4	1333	
star a 1387	1311	B		
1388	1309	9.1	1363	
1384	1300	12.2	1329	
1377	1298	4.7	1347	
1383	1298	9.1	1357	
1402	1299	11.7	1409	poor
1407	1293	B		
1398	1295	B		
1394	1292	10.4	1357	
1378	1292	11.1	1335	
1377	1284	5.4	1338	
1433	1290	10.6	1394	
1447	1291	9.4	1419	

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Scale A 1

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N	A	Sv	V
1439	1287	10.7	1403
1424	1285	11.2	1379
1423	1285	10.4	1387
1425	1280	11.8	1376
1453	1279	10.1	1418
1457	1272	10.3	1422
1424	1270	5.5	1385
1418	1270	10.4	1383
1417	1278	9.5	1391
1397	1273	11.4	1353
1399	1280	9.2	1378
1389	1263	11.2	1346
1383	1263	10.5	1347
1383	1259	11.2	1339
1393	1260	9.2	1367
1396	1259	10.8	1355
1397	1257	9.5	1370
1384	1253	10.9	1343
1403	1251	12.1	1348
1407	1259	4.2	1379
1408	1258	10.4	1375
1458	1257	9.3	1414
1416	1253	6.1	1368
1423	1253	5.4	1383
1438	1256	9.2	1415
1467	1248	9.4	1439
1444	1247	7.3	1386

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Scale a L

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V	M	Sc	V
1439	1244	4.3	1413
1378	1244	11.1	1334
1383	1235	10.5	1346
1391	1233	7.1	1335
star a 1386	1229	B	
1455	1229	7.7	1395
1443	1229	11.3	1397
1442	1226	10.7	1463
1407	1220	B	
1401	1226	4,5	1369
1386	1229		
1383	1225	9.1	1358
1378	1220	5.2	1339
1446	1219	9.3	1421
1429	1218	10,3	1396
1415	1218	12.1	1361
1404	1213	11.1	1359
1404	1212	10.6	1368
1417	1212	10.8	1397
1438	1212	11.1	1394
1444	1212	12.3	1394
1437	1212	11.2	1393
1439	1208	10.3	1406
1426	1206	10.5	1386
1423	1203	10.4	1385
1379	1208	11.3	1333
1402	1201	10.1	1344

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Scale a 1

P559

V	A	S.	V
1418	1198	10.6	1382
1416	1198	9.7	1387
1453	1201	10.1	1420
1464	1194	5.6	1423
1460	1192	10.7	1424
1455	1190	10.1	1422
1469	1189	B	
1466	1185	11.5	1421
1442	1178	12.0	1391
1497	1183	9.1	1416
1423	1190	5.4	1385
1422	1180	5.4	1384
1417	1175	7.1	1360
1418	1172	6.1	1373
1418	1168	11.1	1376
1420	1165	12.1	1368
1415	1161	9.6	1388
1411	1171	11.2	1367
1407	1176	11.1	1366
1407	1187	3.9	1384
1397	1183	9.5	1370
1397	1188	11.1	1354
1397	1192	12.1	1345
1391	1188	9.4	1366
1388	1191	9.3	1363
1382	1189	11.0	1341
1373	1183	10.8	1342

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Scale a 2

P 5-5-9

	V	H	Sc	N
	1375	1176	12.2	1319
	1384	1173	11.2	1339
	1390	1161	7.0	1336
star a	1387	1157	B	
	1383	1155	10.2	1348
	1377	1153	10.8	1337
	1400	1154	11.1	1355
	1402	1153	5.9	1358
	1378	1152	10.7	1341
	1384	1148	11.7	1337
	1383	1147	9.1	1359
	1377	1139	8.7	1358
	1382	1138	11.7	1333
	1397	1144	4.1	1375
	1407	1143	B	
	1431	1139	10.1	1398
	1445	1140	10.1	1414
	1448	1138	12.2	1395
	1438	1133	11.6	1390
	1437	1132	10.6	1398
	1424	1131	10.4	1387
	1422	1129	11.1	1382
	1415	1132	10.5	1378
	1405	1135	11.1	1363
	1388	1124	11.4	1343
	1397	1122	12.1	1346
	1391	1119	A p	

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Scale a f

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V	H	Sc	V
1397	1119	12.1	1346
1378	1118	10.1	1345
1418	1119	10.2	1383
1426	1118	12.1	1370
1422	1116	4.9	1390
1455	1116	10.1	1423
1463	1114	5.4	1426
1459	1112	10.4	1424
1438	1106	9.7	1411
1423	1103	5.9	1378
1408	1103	10.5	1368
1407	1108	4.5	1377
1396	1104	10.1	1363
1396	1109	10.4	1359
1392	1109	9.4	1365
1387	1110	9.3	1364
1382	1109	10.5	1347
1380	1110	11.8	1333 p
1384	1099	11.1	1341
1372	1090	11.7	1322
1444	1090	7.1	1387
1434	1089	10.2	1408
1449	1087	11.3	1404
1418	1090	5.5	1380
1417	1088	11.7	1380
1413	1088	9.4	1386
1399	1088	12.1	1347

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Scale a 1

P55 7

	V	A	Sc	N
	1384	1072	10.4	1347
	1390	1082	8.3	1375
star a	1388	1078	B	
	1416	1080	10.1	1383
	1458	1079	10.1	1426
	1457	1077	7.5	1397
	1441	1076	10.5	1408
	1441	1072	5.7	1400
	1404	1073	11.1	1363
	1399	1075	3.2	1379
	1401	1071	5.4	1363
	1378	1071	10.6	1340
	1463	1060	B	
	1467	1047	11.3	1423
	1462	1040	5.2	1427
	1460	1039	10.4	1426
	1456	1038	10.2	1422
	1456	1057	11.3	1414
	1445	1059	11.7	1398
	1437	1059	11.1	1393
	1438	1048	10.3	1403
	1425	1038	5.5	1385
	1420	1041	12.1	1367
	1419	1042	12.2	1366
	1396	1041	10.3	1352
	1392	1039	11.1	1347
	1387	1037	9.4	1362

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Scale a f

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N	M	S.	V
1387	1043	11.5	1342
1371	1048	11.4	1326
1379	1029	10.1	1347
1368	1027	12.2	1315
1384	1020	10.7	1344
1378	1015	11.2	1334
1413	1029	11.7	1373
1407	1025	10.8	1368
1416	1025	11.7	1369
1411	1018	11.4	1366
1418	1018	5.4	1383
1378	1016	11.3	1335
1443	1013	[illegible]	1386
1448	1008	10.1	1426
1451	1009	11.4	1405
1433	1008	9.6	1406
1417	1008	10.2	1380
1412	1005	10.1	1379
1383	1003	10.7	1345
1378	999	11.1	1334
1387	996	10.4	1353
1398	993	4.1	1372
1400	988	10.7	1360
1418	992	10.2	1385
1423	999	9.9	1393
1438	997	11.1	1394
1440	990	5.2	1405

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Scale a 2

P 5-5 9

N	A	Sc	V
1378	987	9.1	1355
1462	981	B	
1462	977	9.4	1435
1425	979	11.1	1381
1419	978	7.7	1357
1406	980	4p	
1378	973	12.4	1326
1379	966	10.2	1343
1385	965	7.2	1330
1390	966	11.1	1347
1385	966	6.6	1334
1377	966	10.4	1342
1375	958	10.1	1343
1387	960	9.2	1343
1379	949	10.1	1346
1377	933	11.4	1332
1363	933	11.1	1322
1401	933	10.3	1367
1396	942	11.1	1354
1402	950	9.9	1372
1406	956	11.1	1363
1412	968	9.3	1386
1419	978	8.4	1403
1423	979	11.1	1381
1436	980	11.3	1393
1463	980	B	
1460	979	9.6	1435

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Thursday, June 28, 1917

Scale at

P559

V	H	Sc	N
1462	963	5.3	1425
1458	962	10.4	1424
1465	953	B	
1467	942	F p	
1419	940	5.6	1379
1432	934	9.1	1407
1433	929	10.3	1397
1386	923	10.8	1347
1378	919	11.2	1334
1394	919	11.6	1347
1402	920	5.5	1363
1442	918	4.5	1413
1456	918	12.1	1412
1461	907	B	
1459	896	10.1	1426
1451	893	11.3	1407
1446	906	F p	
1438	907	11.1	1396
1437	895	10.4	1402
1419	904	7.4	1362
1418	912	10.2	1385
1405	896	F p	
1411	896	F p	
1397	908	11.8	1350
1377	908	9.2	1355
1365	906	F p	
1377	902	11.3	1326

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Thursday, June 28, 1917

Scale 2

P559

	V	A	Sc	V
	1387	893	12.2	1333
	1388	888	11.3	1346
	1385	885	6.1	1338
enter region	1415	1122		
" plate	1413	1149		
star a 1st	1387	1078		
2	1387	1157		
	1387	1229		
	1387	1311		

11.10

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9:20

Saturday, June 30, 1917

Scale A #1

measuring machine

.p 572

red cross/ Center region 1397 1181
Hack cross. " plate 1414 1157
star a 1st 1394 1087
2nd 1394 1166
3rd 1394 1245
4th 1394 1329

21h 40m 45° 5-2'
4 stops 2m each

N	A	Sc	V
1366	1402	B	
1433	1428	* p	
1398	1426	B	
1377	1422	3.3	1422
1418	1422	* p	
1444	1413	* p	
1382	1408	7.6	1361
1375	1407	8.2	1351
1373	1407	8.2	1351
1358	1406	* p	
1356	1398	6.1	1344
1391	1397	6.1	1379
1412	1389	B	
1349	1389	6.5	1337
1379	1387	3.5	1415
1402	1382	B	
1396	1379	7.9	1375
1383	1379	7.6	1363
1365	1381	7.7	1342
1380	1371	3.8	1414
1368	1372	* p	

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Saturday, June 30, 1917

Scale a 1+1

P572

	N	A	Sc	N
	1427	1372	9.1	1396
	1444	1373	8.1	1419
dup	1380	1371		
	1377	1367	A p	
	1404	1368	6.7	1390
	1427	1367	8.9	1398
	1360	1365	B	
	1348	1361	B	
	1411	1355	A p	
	1426	1351	A p	
	1378	1350	B	
	1367	1350	7.1	1349
	1377	1345	star sup	
	1345	1339	7.2	1325
	1415	1342	6.6	1412
	1445	1332	2.8	1476
	1395	1329	A p	
star a	1392	1323	B	
	1357	1319	6.1	1346
	1392	1317	6.5	1379
	1386	1312	6.6	1373
	1349	1311	6.5	1337
	1354	1309	8.1	1329
	1358	1307	6.7	1340
	1412	1307	B	
	1450	1306	6.6	1436
	1434	1303	7.4	1415

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Saturday, June 30, 1917

Scale a H 1

P572

V	A	Sc	V
1402	1303	B	
1397	1302	8.1	1373
1382	1306	3.9	1415
1383	1301	7.5	1363
1384	1293	8.6	1355
1427	1292	8.2	1403
1444	1295	7.7	1423
1405	1289	6.2	1391
1360	1288	B	
1365	1284	8.5	1337
1348	1283	B	
1366	1285	8.6	1338
1427	1284	A p	
1441	1272	6.8	1427
1425	1269	2.9	1457
1411	1273	2.9	1450
1397	1272	7.1	1383
1399	1275	7.9	1378
1395	1276	7.1	1380
1393	1273	8.5	1366
1386	1270	8.1	1363
1386	1276	8.5	1357
1384	1276	8.5	1356
1359	1276	A p	
1365	1271	7.1	1346
1355	1270	B	
1367	1266	6.9	1354

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Saturday, June 30, 1917.

Scale a #1

P572

V	A	Sc	V
1343	1260	6.8	1327
1367	1272	7.1	1350
1367	1266	6.7	1354
1383	1254	8.7	1355
stars	1393	1244	B
1394	1248	5.7	1386
1419	1263	6.3	1413
1426	1270	4.2	1454
1445	1241	7.6	1425
1412	1230	B	
1450	1228	6.7	1437
1435	1226	7.5	1414
1379	1276	sup.	
1355	1230	dbl	
1383	1222	7.9	1361
1434	1226	7.4	1416
1445	1216	7.4	1425
1426	1220	7.6	1406
1421	1212	7.3	1403
1422	1208	7.7	1401
1405	1210	ylw streaked	
1393	1206	8.1	1367
1381	1213	9.2	1348
1384	1222	7.5	1365
1360	1220	7.7	1336
1365	1212	7.2	1346
1362	1208	6.4	1347

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Saturday. June 30, 1917

Scale a 44.1

P 572

V	A	Sc	V
1366	1205	8.2	1340
1348	1205	B	
1427	1204	4.1	1457
1443	1193	6.9	1427
1447	1180	5.5	1439
1444	1175	dbl	
1441	1172	8.4	1414
1425	1190	4.2	1454
1422	1187	Xp	
1417	1183	dbl	
1421	1176	8.1	1396
1411	1182	7.5	1394
1412	1196	B	
1398	1192	6.8	1386
1400	1196	7.4	1381
1396	1196	6.6	1383
1387	1187	7.7	1366
1386	1192	8.3	1358
1986	1197	8.4	1358
1383	1197	8.4	1356
1358	1196	6.0	1348
1367	1187	5.7	1359
1367	1184	4.1	1347
1354	1190	3.7	1387
1353	1193	7.1	1335
1354	1189	7.2	1336
1343	1182	7.1	1326

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Saturday, June 30, 1917

Scale #1

P 572

	γ	A	Sc	V
	1406	1167	5.4	1398
	1394	1168	5.8	1387
star a	1393	1166	B	
	1404	1160	B	
	1446	1162	7.4	1426
	1403	1160	B	
	1386	1156	* p	
	1384	1154	7.6	1363
	1354	1150	7.1	1337
	1355	1150	6.5	1343
	1411	1152	B	
	1451	1149	7.1	1432
	1444	1152	8.4	1416
	1440	1148	8.1	1415
	1435	1148	7.4	1417
	1427	1144	7.9	1404
	1427	1140	7.5	1407
	1422	1147	7.9	1096
	1361	1141	7.8	1369
	1358	1132	7.5	1339
	1365	1132	6.9	1348
	1361	1129	6.4	1348
	1346	1127	8.5	1318
	1366	1126	8.4	1338
	1379	1102	7.4	1363
	1425	1139	7.4	1407
	1421	1103	6.8	1406

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Saturday, June 30, 1917

Scale at 1

P 572

N	H	Sc	V
1422	1129	8.1	1397
1436	1127	9.2	1404
1427	1126	4.1	1456
1421	1128	7.9	1400
1420	1132	6.8	1406
1411	1117	dbl	
1394	1118	7.1	1377
1398	1118	8.1	1375
1399	1114	6.9	1386
1413	1113	7.7	1393
1426	1112	dbl	
1442	1116	6.9	1427
1423	1106	5.1	1417
1400			
1387	1108	7.8	1367
1368	1107	5.5	1361
1366	1104	5.9	1357
1362	1099	7.5	1344
1359	1117	5.9	1351
1353	1113	5.8	1344
1356	1111	3.6	1388
1353	1110	6.8	1337
1367	1107	5.5	1363
1366	1104	5.9	1357
1363	1100	7.2	1345
1446	1100	5.7	1440
1437	1103	8.4	1412

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Saturday June 30, 1917

Scale a #1

P572

	N	H	Sc	N
	1423	1098	8.4	1395
	1418	1095	7.7	1399
	1403	1090	8.6	1375
	1403	1087	8.1	1378
	1405	1086	4.2	1434
	1394	1090	6.1	1383
star a	1394	1087	B	
	1356	1090	7.5	1368
	1383	1084	7.9	1358
	1406	1088	4.3	1434
	1403	1080	B	
	1446	1085	5.3	1439
	1446	1082	7.8	1423
	1354	1073	6.9	1341
	1352	1073	6.5	1369
	1407	1070	7.7	1385
	1409	1069	8.3	1383
	1420	1069	8.1	1395
	1441	1067	8.2	1416
	1442	1065	f	
	1427	1067	7.8	1408
	1427	1062	8.0	1403
	1416	1062	8.1	1393
	1422	1053	7.2	1403
	1427	1047	dbl	
	1392	1059	8.6	1365
	1395	1053	8.2	1368

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Saturday June 30, 1917

Scale #1

P572

N	H	Sc	V
1392	1046	6.7	1378
1382	1052	7.5	1362
1364	1053	7.2	1345
1358	1051	6.4	1347
1346	1047	7.1	1327
1358	1039	*p	
1353	1033	6.1	1343
1355	1032	abl	
1354	1032	7.3	1334
1360	1031	8.2	1336
1367	1029	*p	
1366	1025	6.2	1354
1423	1026	4.9	1422
1447	1023	6.1	1437
1437	1023	7.1	1418
1426	1020	7.4	1397
1419	1014	7.7	1398
1347	1012	7.3	1328
1366	1003	B	
1367	999	8.4	1343
1384	994	6.5	1368
1383	1008	7.8	1361
1386	1012	8.1	1362
1383	1011	7.8	1369
1403	1005	8.3	1397
1445	1006	*p	
1406	1006	4.6	1432

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Saturday. June 30, 1917

Scale #1

P572

V	A	S.	V
1404	1003	bl	
1385	994	6.6	1369
1423	991	6.4	1411
1442	983	7.8	1421
1416	982	6.7	1402
1389	979	6.5	1375
1381	977	8.1	1356
1358	973	6.7	1344
1344	969	7.2	1326
1347	968	7.7	1326
1347	963	9.4	1313
1382	963	7.8	1360
1391	968	7.3	1373
1416	963	8.2	1390
1416	966	9.0	1386
1345	968	7.3	1325
1347	967	7.8	1327
1391	968		
1351	956	6.4	1338
1362	950	6.7	1346
1365	948	6.5	1353
1363	940	6.2	1351
1356	937	7.8	1335
1416	942	7.4	1391
1418	938	8.4	1394
1425	950	~~bl~~	
1437	944	7.2	1418

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Saturday, June 30, 1917

Scale A H 1

P572

	V	A	Sc V
	1427	932	7.4 1407
center region	1398	1182	
" plate	1416	1157	
star a 1st	1394	1086	
2nd	1394	1165	
3rd	1394	1245	
4th	1394	1322	

10.50

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Wednesday Sept 19, 1917
~~Thursday, Aug 23, 1917~~

10.05

B8

YELLOW
MC 11290

L c a L

01	off plate			
02	1867	605		
	B		B	
03	1533	1038		
	B		B	
04	1457	1228		
	B		2.9	
05	1133	711		
	3.2	1113	711	2.8
06	1256	865		
	B		3.4	
07	1216	1194		
	4.3	1187	1194	4.3
08	1417	1091		
	4.4	1386	1091	4.5
09	1357	857		
	~~3.8~~ 4.1	1335	857	3.8
010	1197	1115		
	3.9	1173	1115	4.5 4.4
011	1257	1066		
	5.5	1215	1066	5.6
012	1406	923		
	5.5	1367	923	5.4
013	1333	1005		
	6.2	1285	1005	6.6
014	1324	903		
	5.8	1280	903	6.5 6.5

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Wednesday Sept 19, 1917
~~Thursday, Aug 23, 1917~~

YELLOW
MC 11290

	PC				g		h	
01								
02								
	11.7	1814	600	11.6	11.1	1824	582	10.7
03								
	10.4	1495	1035	11.1 10.7	10.4	1497	1016	10.3
04								
	11.4	1404	1222	11.5	11.2	1412	1204	11.7
05								
	12.3	1075	705	11.9	* p			11.5
06								
	11.4	1206	859	11.9	11.3	1210	840	11.3
07								
08								
09								

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Wednesday, Sept 19, 1917
B&

YELLOW
MC 11290

Scale a 2

015	1486 892		
	7.1 1430 892	7.1	
016	1357 972		
	7.2 1298 972	7.4	
017	1511 1000		
	7.7 1449 1000	9.1	
018	1438 968		
	9.1 1416 952	9.6	
018a	1440 1027		
	10.2 1407 1004	10.4	
018b	1402 1006		
	10.7 1365 988	10.7	
019	1454 963		
	7.5 1395 963	7.6	
020	1437 920		
	9.1 1412 914	9.1	
021	1495 975		
	11.3 1449 955	12.7	11.6
022	1470 961		
	12.1 1416 942	p * p	

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Wednesday, Sept 19, 1917 YELLOW
B 8 MC 11290

10.25 Scale a 1

Beginning Zone I Card 384 Limit 1994
End Zone I Card 334 10.45
Beginning Zone II Card 370 Limits {1996 1800
End Zone II Card 306 11.05
11.15 Beginning Zone III Card 261 Limits {800 617
End Zone III Card 289 12.05
1.05 Beginning Zone IV Card 253 Limits {1615 1420
End Zone IV Card 290 2.15

2.30

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Saturday, Sept 22, 1917

9.05 B 8

YELLOW
m C11290

Scale A

01 off plate

02 1866 607 B
B

03 1534 1042 B
B

04 1456 1229
~~1419 1091~~
3.0 1441 1229
~~4.5 1387 1092~~ 3.3

05 1134 712
3.1 1115 712 3.3

06 1257 866
2.7 1244 866 2.7

07 1217 1197
4.3 1189 1197 4.2

08 1417 1091
4.5 1387 1092 4.5

09 1358 859
4.1 1331 859 4.2

010 1197 1116
4.4 1167 1116 4.4

011 1255 1069
6.1 1209 1069 6.2

012 1406 927
~~5.8~~ 1365 927 5.6

013 1332 1006
7.1 1297 1006 7.1

014 1324 903
7.1 1267 903 7.3

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Saturday, Sept 22, 1917

B 8

YELLOW

MC 11290

	g			h		
01						
02						
	11.9	1811	602 12.0	11.4	1821	586 11.3
03						
	11.7	1479	1037 11.5	11.1	1490	1020 10.8
04						
	xp			11.8	1406	1207 12.2
05						
	12.9	1068	908 12.8	xp		
06						
	12.2	1198	861 12.5	11.5	1208	844 12.1

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Saturday, Sept 22, 1917

B8

YELLOW

m c 11290

Scale a f

015	1485	894	
7.2	1430	894	7.2
016	1357	975	
7.6	1297	975	7.6
017	1510	1002	
9.2	1485	986	9.4
018	1439	970	
10.1	1406	953	10.1
018a	1439	1027	
10.5	1404	1010	10.5
018b	1401	1006	
11.3	1357	989	11.3
019	1454	966	
9.9	1392	966	9.1
020	1438	922	
9.4	1413	905	9.7
021	1496	977	
11.9	1446	958	12.2
022	1471	962	
12.4	1416	944	12.3

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Saturday, Sept 2, 1917

B 5

YELLOW
m C 1290

9.20 Scale a f

Beginning Zone I Card 405 Limits {1422 1247
End Zone I Card 296 10.05
Beginning Zone VI Card 404 Limits {1246 1043
End Zone VI Card 197 10.55
11.15 Beginning Zone VII Card 100 Limits {1041 866
End Zone VII card 87 11.45
Beginning Zone VIII Card 86 Limits {862
End. Zone VIII Card 1 12.20

12.25

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1916phae.proj.10750

Monday. Oct 15, 1917

9.25 C11 YELLOW mC11530

Sc. Af

01	1277 983		
	B	B	
01a	1087 741		
	B	B	
02	1120 1103		
	B	B	
03	1435 632		
	B	B	
04	1526 765		
	B	B	
05	1522 1144		
	2.2 1513 1144	B	
06	1153 1008		
	3.5 1135 1008	3.3	
07	1263 1156		
	4.6 1232 1156	4.6	
08	1486 996		
	5.1 1449 994	5.1	
09	1597 1045		
	5.2 1561 1045	5.2	
010	1325 872		
	5.6 1286 872	5.7	
011	1516 707		
	6.5 1467 707	6.3	
012	1219 910		
	4.7 1188 910	4.7	
013	1467 1053		
	4.0 1443 1053	4.1	

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Monday, Oct 15, 1917.

YELLOW

C11 mC 11530

	PC				g		h
01							
	10.2	1239	978	10.2	8.4	1260 · 961	7.6
02							
	11.1	1039	736	10.9	nearly super.		9.8
02							
	9.4	1089	1099	9.2	7.4	1063 1099	7.3
03							
	13.0	1369	628	12.4	12.6	∗ i.p.	11.3 N.P
04							
	9.3	1495	760	9.4	7.4	1467 · 760	7.3
05							
	11.7	1468	1139	11.9	11.1	1478 1122	10.6
06							
	13.0	1087	1003	12.6	11.5	1107 986	11.7

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1916phae.proj.10750

Monday, Oct 15, 1917

YELLOW

C11

MC 11530

Scale af

014 1216 1227
4.4 1187 1227 4.4

015 1348 1191
8.6 1330 1184 7.4 8.5

016 1208 1043
9.3 1184 1027 9.1

017 1434 1120
8.6 1416 1102 8.6

017a 1304 918
9.5 1277 899 9.6

017b 1446 1144
10.4 1412 1126 10.2

018 1464 1066
7.6 1405 1066 8.5 7.7

019 1429 1048
*p. tp

020 1337 1072
11.1 1294 1057 10.7

021 1463 1076
11.4 1415 1059 11.4

022 1446 1083
11.6 1400 1068 11.7

023 1350 983
10.8 1310 967 10.7

024 ~~*f 1446 1029~~
~~12.3 1391 1012~~ wrong star

025 1408 1063
12.4? 1354 1049 12.7

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1916phae.proj.10750

Monday, Oct 15, 1917

C 11

YELLOW

mC 11530

9.55 Scale a 2

Beginning Zone I card 69 Limit {1959
End of Zone I card ~~64~~ 50 10.10
Beginning Zone II card 74 Limits {1960 1764
End Zone II card 166 10.30
Beginning Zone III card 153 Limits {1764 1573
End Zone III card 45 11.00
Beginning Zone IV card 99 Limits {1575 1380
End Zone IV card 21 11.25
1.00 Beginning Zone V card 100 Limits {1377 1203
End Zone V card 159 1.30
Beginning Zone VI card 118 Limits {1202 998
End Zone VI card 163 2.20
Beginning Zone VII card 122 Limits {997 818
End Zone VII card 161 2.40
Beginning Zone VIII card 144 Limit {820
End Zone VIII card 4 2.50

3.00

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1916phae.proj.10750

Thursday, Oct 18, 1917

YELLOW
mC 7398

9.05

B9
Sc aJ

01 1337 864
B B
02 1784 835
B B
03 1800 1023
B B
04 1615 959
B B
05 1462 1332
B B
06 1213 1400
B B
07 1280 1402
B B
08 1086 1287
3.3 1667 1287 3.3
09 1453 781
B B
010 1306 1178
4.5 1277 1178 4.4
011 dbl

012 1735 1076
4.4 1706 1076 3.8 4.0
013 1442 1289
5.5 1403 1288 5.7
014 1480 1148
2.7 1470 1148 2.4

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1916phae.proj.10750

Thursday, Oct. 5, 1917

YELLOW
mC 7398

B 9

	PC		g	h
01	9.6 1322 838	9.8	9.6 1311 840	9.6
02	9.8 1768 812	9.9	9.8 1755 812	9.8
03	superposed		7.4 1743 1019	7.3
04	9.8 1597 935	9.9	9.9 1584 936	9.8
05	10.4 1438 1308	10.4	10.2 1427 1309	10.3
06	11.3 1180 1376	11.3	11.2 1168 1378	11.3
07	8.7 1274 1378	8.6	7.7 1220 1397	7.8
08	12.4 1043 1263	12.5	scratched	12.6
09	10.3 1431 758	10.4	10.1 1422 758	10.1
010	13.0 1256 1153	13.0	12.4 1239 1154	12.8
011				
012				
013				
014	11.7 1445 1123	12.1	11.4 1434 1126	11.7

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1916phae.proj.10750

Thursday, Oct 18, 1917

B9

YELLOW
mCH 398

Sc a L

015	1395	1030		
	6.2	1347	1030	6.1
016	1414	956		
	6.5	1365	956	6.5
017	1531	1145		
	7.1	1476	1145	6.4 6.8
018	1315	1126		
	7.4	1259	1125	7.4
019	1355	1208		
	5.9	1312	1206	5.7
020	1508	1084		
	7.6	1448	1084	7.4
020a	1498	1098		
	7.7	1439	1098	7.8
020b	1417	1053		
	9.2	1392	1036	9.2
020c	1484	1178		
	10.1	1548	1162	10.1
021	1394	1062		
	10.5	1357	1045	10.6
022	1490	1205		
	7.4	1434	1202	7.4
023	1428	1202		
	11.6	1380	1184	11.1 Was Remeasured Oct 20, 1917. by m E O.
024	1406	1172		
	11.2	1363	1154	11.2
025	1374	1147		
	12.2	1319	1130	12.2

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1916phae.proj.10750

Thursday, Oct 18, 1917

YELLOW

B9 MC 1398

S-aL

026 1384 1198
10.4 1347 1179 10.4
027 1374 1197
12.3 1320 1178 12.6
028 1452 1134

+f

9.30

9.40 Beginning Zone I card 173 Limits {1983
End Zone I card 167 10.00
Beginning Zone II card 175 Limits {1978
1780
End Zone II card 242 10.30
10.40 Beginning Zone III card 127 Limits {1780
1596
End Zone III card 233 11.20
11.30 Beginning Zone IV card 29 Limits {1579
1403
End Zone IV card 231 12.15
1.35 Beginning Zone V card 110 Limits {1403
1225
End Zone V card 32 2.10
2.20 Beginning Zone VI card 111 Limits {1224
1022
End Zone VI card 43 2.55
Beginning Zone VII card 104 Limits {1020
847
End Zone VII card 309=41 3.05
Beginning Zone VIII card 101 Limits {850
End Zone VIII card 1 3.25

3.40

See next page

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1916phae.proj.10750

Saturday, Oct 20, 1917

10.00 Remeasures of sequence stars YELLOW mC 7398
to reduce following stars Sc a L
which were omitted at first sitting.

72 257 494
153 279 532
243 491

014 1481 1148
2,5 1470 1148
015 1395 1033
6.0 1348 1033
018 1317 1176
7.3 1259 1176
019 1354 1206
5.6 1315 1206
026 1384 1197
10.4 1347 1179
021 1394 1063
10.4 1357 1043
023 1427 1202
11.3 1384 1184
020b 1417 1053
9.2 1393 1036

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Thursday, Oct 25, 1917

9.35

c12 YELLOW mC6155
& af

01 1357 935
B B

02 964 740
B B

03 1584 1486
B B

04 1617 1404
B B

05 1729 903
B B

06 1694 1300
B B

07 2097 1108
3.0 2074 1108 3.2

08 2304 1087
*p

09 1217 1416
3.5 1196 1416 3.4

010 1773 1199
B 2.3

011 1623 1260
4.0 1597 1260 4.2

012 1555 1324
2.7 1545 1324 3.0

013 1596 1047
5.2 1557 1047 5.3

014 1499 1270
4.1 1472 1270 4.1

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1916phae.proj.10750

Thursday, Oct 25, 1917

C12 YELLOW mC 6155

Sc a I

PC

01

8.8 1337 900 9.3 8.7

02

8.4 946 705 8.4

03

10.0 1551 1452 10.2

04

8.3 1602 1369 8.4

05

9.9 1698 869 9.7

06

11.6 1646 1266 12.1

07

11.5 2052 1075 11.7

08

09

*f

010

11.4 1727 1166 11.4

011

012

12.1 1503 1290 12.3

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1916phae.proj.10750

Thursday, Oct 25, 1917

C12 YELLOW

mc 6155

015	1365	1390	
	4.6 1340	1390	4.6
016	1202	1048	
	4.5 1174	1048	4.5
017	1503	1282	
	5.1 1465	1282	5.2
017a	1521	1354	
	5.4 1482	1354	5.5
018	1483	1083	
	9.4 1457	1065	9.5
019a	1456	1154	
	10.1 1424	1137	10.4
020	1416	1128	
	10.3 1383	1110	10.7
021	1414	1135	
	11.1 1372	1118	11.4
021a	1373	1262	
	11.3 1328	1244	11.3
022	1352	1165	
	12.4 1297	1145	12.8
03a	625	1088	
	B		B
019	1418	1191	
	dbl		10.00

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1916phae.proj.10750

Thursday, Oct 25, 1917

C12 YELLOW

mc 61 55

10.10

Beginning Zone I Card 101 Limits {2093 1983
End Zone I card 35 10,25
Beginning Zone II Card 104 Limits {1983 1788
End Zone II Card 34 10,50
Beginning Zone III Card 344 Limits {1791 1603
End Zone III Card 380 11.40 15 mm out to match Harvard Regiment.
Beginning Zone IV Card 348 Limits {1600 1405
End Zone IV Card 382 12,10

12,15

03a

10.5 0586 1054 10.6

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1916phae.proj.10750

9.25

Saturday Oct 27, 1917

c12 YELLOW

Sc a1 mc 6155

01 1356 934
B B

02 966 739
B B

03 1584 1483
B B

03a 624 1087
B B

04 1617 1402
B B

05 1931 903
B B

06 1694 1302
B 2.3 1684 1302 2.4

07 2097 1109
3.1 2081 1109 3.2

08 2306 1084
A.p

09 1217 1416
3.3 1198 1416 3.5

010 1773 1199
B B

011 1624 1260
4.4 1594 1260 4.3

012 1556 1323
2.5 1545 1323 3.1 2.7

013 1596 1047
5.3 1557 1047 5.3

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1916phae.proj.10750

Saturday, Oct 27, 1917.

e 12 YELLOW ~~Xl~~ mc6155

PC Sc Sl

01

9.0 1334 902 8.8

02

8.3 947 706 8.9 8.5

03

10.1 1550 1453 10.1

03a~~1~~

10.7 585 1055 10.7

04 ~~5~~

8.4 1602 1370 8.6

05 ~~6~~

9.5 1702 869 9.8

06

~~2.3~~ 11.2 1643 1267 12.3 11.8

07

11.8 2048 1076 11.8

08

09

13.3 1152 1382 13.3

010

11.3 1727 1166 11.5

011

f.

012

11.8 1505 1291 12.3

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1916phae.proj.10750

Saturday Oct 27, 1917

c12 YELLOW
Scal mc6155

14		1500	1271	
	4.1	1473	1271	3.6
15		1366	1390	
	4.1	1339	1389	4.3
16		1204	1049	
	4.4	1174	1049	4.5
17		1503	1283	
	5.1	1465	1283	5.1
17a		1522	1354	
	5.5	1483	1354	5.4
18		1483	1081	.
	9.5	1455	1066	9.4
19		1418	1192	
	dbl			dbl
19a		1457	1155	
	10.2	1423	1136	10.3
20		1416	1126	
	10.2	1383	1108	10.3
21		1414	1135	
	11.1	1372	1118	11.1
21a		1371	1262	
	11.4	1325	1244	11.3
22		1352	1163	
	12.9	1291	1146	12.6

9.45

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1916phae.proj.10750

Saturday, Oct 27, 1917

MC 61537

ScAl

Beginning Zone I Card 357 Limits {407 1233
End Zone I Card 108 10,05
Beginning Zone VI Card 364 Limits {1233 1021
End Zone VI Card 395 10,35
Beginning Zone VII Card 71 Limits {1022 851
End Zone VII Card 2 10,55
Beginning Zone VIII Card 53 Limits {851
End Zone VIII Card 1 11,15

11.25

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1916phae.proj.10750

10.10

Tuesday, Nov 6, 1917

C1 NC 7486

Fe a L

01 1439 1081
B B
2 1382 530
B B
3 1064 1190
B B
4 1929 1761
B B
5 1400 1423
3.2 1384 1423 2.8
6 1267 1258
B B
6a 967 827
2.5 956 827 2.5
7 1530 1398
B B
8 1385 1440
4.6 1354 1440 4.5
9 1601 1023
4.0 1576 1023 3.5
10 1479 1084
dbl dbl
11 1506 1066
5.4 1468 1066 5.4
12 1358 1212
7.3 1304 1212 7.1
13 1450 933
4.5 1423 933 4.5

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1916phae.proj.10750

Tuesday, Nov 6, 1917

m G 7486

	pc				g			h
01								
	10.1	1403	1076	10.3	10.1	1406	1058	9.8
2								
	10.6	1339	5-25	10.4	10.2	1347	5-07	9.8
3								
	7.6	996	1202	7.6	6.3	1016	1183	6.7
4								
	10.4	1891	1255	10.4	10.3	1897	1239	9.7
5								
	13.0	1336	1417	12.9	* p			* p
6								
	11.6	1216	1254	11.4	11.6	1223	1235	11.5
6a								
	12.4	906	822	12.3	* p			* p
7								
	10.6	1487	1392	10.3	9.8	1499	1376	10.1
8								
9	ms				12.3	1548	1000	12.5

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Tuesday, Nov 6, 1917 C1 mC7486

Scat

13a		1687	1310	
	7.6	1628	1318	7.5
14		1344	1271	
	7.6	1284	1270	7.5
15		1414	1128	
	9.5	1386	1110	9.6
16		1636	1016	
	10.1	1604	997	9.9
17		1496	1176	
	10.7	1457	1160	10.6
18		1466	1153	
	Ap			10.5
18a		1585	1031	
	11.3	1540	1072	11.2
19		1534	1176	
	12.4	1498	1158	12.0
20		1390	1228	
	12.2	1317	1208	12.3

07a		1885	1552	
	4.5	1857	1552	4.4

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Tuesday, Nov 6, 1917

10.25

mc 7486

Beginning Zone I card 245 Limit {2074
End Zone I card 270 10.40
Beginning Zone II card 77 Limit {2074 1875
End Zone II card 234 11.00
Beginning Zone III card 203 Limits {1876 1688
End Zone III card 37 11.18
Beginning Zone IV card 205 Limits {1684 1490
End Zone IV card 27 11.35
Beginning Zone V card 220 Limits {1492 316
(11.55) End Zone V card 197 12.10
Beginning Zone VI card 70 Limits {1315 1115
End Zone VI card 21 12.30
Beginning Zone VII card 258 Limits {1117 934
End Zone VII card 267 12.45
Beginning Zone VIII card 252 Limit {934
End Zone VIII card 268 1.05

1.15

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1916phae.proj.10750

9.40

Wednesday, Dec 5, 1917

C 2

YELLOW
mC 7507

8c 2L

01	543 1220		
	B	B	
02	704 1557		
	B	B	
03	1384 1300		
	B	B	
04	1019 1115		
	B	B	
05	1358 540		
	B	B	
06	1475 787		
	2.2 1466 787	2.2	
07	1202 903		
	4.1 1174 903	4.3	
08	1274 716		
	4.4 1245 716	4.5	
09	1147 1062		
	B	B	
010	1103 852		
	4.7 1070 852	4.8	
011	1335 832		
	4.5 1306 832	4.3	
012	1404 931		
	6.7 1354 931	6.1	6.4
012a	1113 1107		
	7.7 1051 1107	7.7	
013	1122 1173		
	5.6 1080 1173	5.7	

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Wednesday, Dec 5, 1917

YELLOW

mc 7507

C 2

	pc				g			h
01	10.5	504	1214	10.4	10.4	506	1206	10.3
02	10.6	663	1553	10.9	10.6	667	1543	10.6
03	9.4	1352	1294	9.0	8.6	1367	1295	8.4
04	12.2	963	1110	12.0	11.6	973	1102	11.6
05	11.3	1310	536	11.1	11.3	1313	528	11.1
06	f				12.4	1418	773	11.7 11.7
7								
8								
09	12.4	1088	1056	12.6	12.4	1093	1050	12.4
10								

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1916phae.proj.10750

Wednesday, Dec 5, 1917

C2

YELLOW
mc 7507

Sc a L

014		1415	1149	
	9.8	1384	1193	9.6
015		1390	1212	
	10.1	1357	1192	10.1
016		1316	1044	
	10.2	1282	1028	10.2
017		1331	1121	
	11.2	1286	1103	11.1
018		1217	1130	
	9.3	1192	1112	8.8
019		1306	1214	
	11.5	1258	1195	11.4
020		1240	1088	
	++			+
021		1297	1122	
	12.8	1237	1104	12.6

9.2

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Wednesday, Dec 5, 1917.

YELLOW

C 2 MC 7507

Leal

10.10

Beginning Zone I Card 206 Limit {1875
End Zone I Card 198 10.30
Beginning Zone II Card 204 Limits {1876 / 1697
End Zone II Card 200 10.45
Beginning Zone III Card 185 Limits {1696 / 1498
End Zone III Card 65 11.00
Beginning Zone IV Card 52 Limits {1500 / 1316
End Zone IV Card 221 11.10
11.15 Beginning Zone V Card 51 Limits {1320 / 1122
End Zone V Card 23 11.30
12.10 Beginning Zone VI Card 40 Limits {1128 / 930
End Zone VI Card 184 12.25
Beginning Zone VII Card 212 Limits {934 / 740
End Zone VII Card 217 12.50
Beginning Zone VIII Card 44 Limits {745
End Zone VIII Card 1 1.05

1.15

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1916phae.proj.10750

Saturday, December 8, 1917.

9.35

C5 – YELLOW yellow mC5014

Scale A.L

01		767	1257	
	B			B
02		1267	1332	
	B			B
03		1910	535	
	B			B
04		1416	640	
	B			B
04a		1733	1316	
	3.0	1717	1316	2.9
05		1684	1098	
	3.6	1663	1098	3.3
06		1419	794	
	4.7	1386	793	5.0
07		1567	947	
	2.2	1560	947	2.3
08		1494	1049	
	4.8	1462	1049	4.9
09		1394	970	
	3.9	1371	970	4.3
010		1482	990	
	5.1	1444	990	5.1
011		1308	1066	
	5.3	1269	1065	5.3
012		1453	1194	
	6.1	1407	1192	6.1
013		1442	1345	
	5.6	1400	1344	5.6

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1916phae.proj.10750

Saturday December 8 1917

C5 YELLOW mC 5014

8c A L

01 8.4 743 12 29 8.4

02 11.3 1211 1303 11.3

03 ~~8.1~~ 8.6 1875 504 8.5

04 10.4 1372 610 10.6

04a 12.1 1670 1287 12.4

05 13.3

06

07 11.7 1509 917 12.1

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1916phae.proj.10750

Saturday, December 8, 1917

C5 YELLOW mc 5014

Scale a f

014 1414 1318

4.4 1384 1316 4.5

014a 1104 1223

9.3 1077 1204 9.2

015 1549 1019

dif? dif?

016 456 1084

10.4 1422 1067 10.7

017 1474 1193

10.1 1439 1176 10.4

018 1276 1064

10.4 1240 1046 10.3

019 1377 1062

10.5 1341 1045 10.3

020 1368 1042

11.8 1316 1026 12.3

020a 1237 1022

12.1 1185 1005 11.6

021 1326 1083

12.6 1268 1066 12.9

022 f f

9.55

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1916phae.proj.10750

Saturday, December 8, 1917

C5

YELLOW
MC 5014

Scale a f

10.00 Beginning Zone I Card 70 Limit { 1973
End Zone I card 50 10.10
Beginning Zone II Card 78 Limits { 1974 / 1764
End Zone II Card 55 10,30
Beginning Zone III Card 353 Limits { 766 / 580
End Zone III Card 305 10.55
Beginning Zone II Card 338 Limits { 1578 / 1384
End Zone II Card 312 11.30

11.40

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1916phae.proj.10750

9.15

Tuesday, December 11, 1917

YELLOW

mC 5014

Sc af

01 768 1257
B B

02 1267 1333
B B

03 1909 536
B B

04 1417 639
B B

04a 1733 1316
2.5 1723 1316 2.8

05 1682 1098
3.4 1663 1098 3.3

06 1418 794
4.8 1386 794 5.1

07 1567 946
2.2 1558 946 2.2

08 1494 1049
5.2 1456 1049 5.0 4.7

09 1394 972
3.7 1371 972 4.4 4.2

010 1483 990
5.1 1441 990 5.0

011 1308 1066
5.2 1292 1066 5.2

012 1454 1193
5.7 1414 1193 6.0

013 1442 1345
5.7 1398 1344 5.7

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1916phae.proj.10750

Tuesday, December 11, 1917.

YELLOW MC5014

	PC			Scale A
01	8.3	743	1229	8.4
02	11.3	1210	1304	11.3
03	8.7	1884	506	8.8
04	10.5	1323	610	10.5
04a	11.3	1677	1286	11.6
05	13.8	1610	1069	13.0
06				
07	11.6	1510	919	11.8

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YELLOW MC5014

Seaf

014	1416	1318		
	4.4	1385	1318	4.5
014a	1102	1222		
	9.2	1077	1204	9.3
015	1549	1020		
	def.			def
016	1456	1085		
	10.4	1420	1066	10.7
017	1473	1194		
	9.5	1444	1176	10.3
018	1275	1064		
	10.3	1240	1046	10.5
019	1377	1062		
	10.5	1339	1044	10.4
020	1368	1044		
	12.1	1315	1026	11.9
020a	1237	1021		
	11.5	1191	1005	11.8
021	1325	1083		
	12.4	1269	1066	13.0
022	∫			∫

9.8

10.40

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YELLOW mc 5014

10,45

Sc A L

Beginning Zone ~~V~~ Card 346 Limit {1386 1212

End Zone ~~V~~ Card 315 10,08

Beginning Zone ~~VI~~ Card 108 Limit {1210 998

End Zone ~~VI~~ Card 18 10.30

Beginning Zone ~~VII~~ Card 384 Limit {1000 826

End Zone ~~VII~~ Card 2 10,55

Beginning Zone ~~VIII~~ card 123 Limit {828

End Zone ~~VIII~~ card 378 11.15

11,25

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