

KG
11366
086

For Catalogue 1° Square.
Observing Book 33

M. K. Sloan.

NG 11366, 086

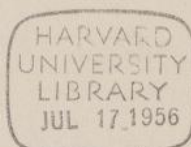
For Catalogues 1° Square.
Observing Book 33.

M. Sloan.

Although measures in this book, and in all of
my books have been recorded in order of brightness,
they were measured as irregularly as possible
to obtain independent observations

J. Sept 9, 1918.

KG 11366.086



10.25

Saturday, June 1, 1918

Cat. 1° Square YELLOW MC 8210

Scale 1

01	1204 1005	
	B	B
2	1500 1196	
	B	B
3	1504 762	
	B	B
4	1498 996	
	B	B
4a	1527 1650	
	B	B
4b	1767 794	
	B	B
5	1116 624	
	B	B
6	1198 1222	
	B	B
7	1569 1226	
	B	B
7a	1690 1283	
	B	B
8	1413 1014	
	B	B
9	1324 1435	
	B	B
9a	1637 1562	
	B	B
10	1461 1664	
	B	B

Saturday, June 1, 1918

YELLOW

mc 8210

PC	g Diff	h
1 7.3 1143 1015 7.4	5.6 1164 1000 5.6	
2 6.9 1446 1206 6.5	5.4 1463 1190 5.3	
3 5.4 1459 773 5.0	4.0 1477 757 4.0	
4 5.6 1454 1006 5.5	4.5 1467 989 4.2	
4a 7.6 1464 1662 7.5	6.4 1482 1645 6.4	
4b 5.6 1724 806 5.5	4.3 1742 789 4.2	
5 <u>10.3</u> 1078 616 <u>10.3</u>	<u>9.5</u> 1090 602 <u>9.4</u>	
6 <u>10.1</u> 1162 1213 <u>10.1</u>	<u>9.1</u> 1176 1197 <u>9.6</u>	
7 <u>10.4</u> 1530 1221 <u>11.3</u>	<u>10.1</u> 1536 1204 <u>9.7</u>	
7a <u>10.7</u> 1648 1276 <u>10.6</u>	<u>10.6</u> 1654 1268 <u>10.4</u>	
8 <u>10.1</u> 1375 1009 <u>10.2</u>	<u>9.4</u> 1386 990 <u>9.5</u>	
9 <u>10.4</u> 1286 1429 <u>10.3</u>	<u>9.3</u> 1300 1413 <u>9.4</u>	
9a <u>9.8</u> 1604 1556 <u>9.5</u>	7.6 1577 1554 7.6	
10 <u>11.7</u> 1407 1659 <u>11.7</u>	<u>11.2</u> 1416 1642 <u>10.8</u>	

Saturday, June 1, 1918

YELLOW

			PC	g Drift	h
11	1276 1518		<u>11.5</u> 1227 1512 <u>11.5</u>	<u>10.6</u>	
	B	B		tp	
12	1356 1090		11.4	tp	
	3.2 1339 1090 3.3				
13	1499 1154		<u>11.4</u> 1450 1148 <u>11.3</u>	<u>11.0</u> 1457 1133 <u>10.7</u>	
	B	B			
14	1433 1193				
	4.3 1404 1191 4.0				
15	1392 1075				
	3.4 1373 1074 3.6				
16	1386 1395		<u>11.4</u> 1336 1387 <u>11.7</u>	<u>11.3</u> 1342 1371 <u>11.2</u>	
	B	B			
17	1367 1277				
	5.1 1333 1275 5.1				
18	1341 1251				
	5.2 1303 1250 5.5				
19	1396 1263				
	5.5 1357 1261 5.4				
20	1303 1182				
	7.4 1244 1182 7.2				
21	1345 1303				
	7.1 1287 1301 6.6				
22	1432 1240				
	7.3 1375 1237 7.2				
23	1345 1222				
	7.6 1284 1220 7.4				
	1343 1176				
23a	1336 1157				
	<u>9.0</u> 1320 1157 <u>9.1</u>				

Saturday, June 1, 1918

YELLOW

23h 1304 1240
9.7 1277 1223 9.6

24 1394 1241
10.3 1356 1225 10.3

25 1402 1237
10.6 1364 1220 10.6

26 1376 1172
10.4 1340 1154 10.4

27 ? no stars?

27a diff.

27h 1383 1190
11.4 1337 1172 11.4

28 1386 1257
11.8 11.7 1337 1237 12.2 12.1
 2 799 1760

B

B

B 730 696

B

B

Y 2245 1774

B

B

8 2293 684

B

B

19a 1313 1136
 5.7 1271 1135 5.6

P

C

g

h

11.00

{ 11.05

{ 12.05

1.25

2.20

8.4 777 1754 7.5 6.6 748 1754 6.3

10.6 687 687 10.5 9.7 702 673 9.6

9.7 2213 1768 9.6 7P

9.8 2257 677 9.7 10.2 9.4 2267 660 9.2

See p. 9 for note

6

9.30

Monday, June 3, 1918

YELLOW

a1 MC8210

MC8210

Scale a 1

01 1204 1006

B B

2 1499 1196

B B

3 1502 763

4 B B

4 1497 996

4a B B

4a 1527 1650

B B

4b 1768 796

B B

5 1116 625

B B

6 1197 1220

B B

7 1567 1226

B B

7a 1693 1284

B B

8 1413 1014

B B

9 1325 1436

1 B B

9a 1636 1562

B B

10 1459 1665

B B

N.B. Positions of sequence
measured with plate number
at top in frame but stars
on second half of plate
measured with plate reversed.
E.W.

Monday, June 3, 1918

YELLOW

Q1 MC8210

PC	g
1 7.4 1143 1016 7.3	3.5 1166 1000 5.6
2 6.6 1447 1208 6.3	5.4 1463 1192 5.3
3 5.4 1460 774 5.5	4.0 1477 756 3.9
4 5.6 1454 1007 5.6	4.5 1467 992 4.3
4a 7.6 1465 1664 7.6	6.5 1480 1645 6.8
4b 5.5 1724 806 5.6	4.5 1738 789 4.0
5 <u>10.4</u> 1077 617 <u>10.2</u>	<u>9.8</u> 1086 603 <u>9.8</u>
6 <u>10.2</u> 1159 1213 <u>10.4</u>	<u>9.4</u> 1173 1197 <u>9.6</u>
7 <u>10.5</u> 1527 1221 <u>10.2</u>	<u>9.7</u> 1540 1204 <u>9.4</u>
7a <u>10.7</u> 1650 1277 <u>10.6</u>	<u>10.3</u> 1657 1260 <u>10.4</u>
8 <u>10.2</u> 1374 1007 <u>10.1</u>	<u>9.5</u> 1385 992 <u>9.4</u>
9 <u>10.2</u> 1286 1431 <u>10.3</u>	<u>9.4</u> 1298 1414 <u>9.8</u>
9a <u>9.5</u> 1606 1557 <u>9.5</u>	7.7 1577 1556 <u>8.6</u>
10 <u>11.6</u> 1407 1658 <u>11.7</u>	<u>11.3</u> 1416 1643 <u>11.4</u>

Monday, June 3, 1918

YELLOW

a1

Mc 8210

Mc 8210

Scale A &

11 1277 1516

B

B

12 1356 1092

3.4 1337 1092 3.4

13 1500 1155

B

B

14 1434 1193

4.4 1403 1193 4.4

15 1393 1075

3.5 1373 1075 4.0

3.6

16 1385 1394

B

B

17 1368 1276

5.1 1333 1276 5.1

18 1339 1257

5.4 1301 1257 5.3

19 5 1396 1263

5.6 1357 1261 5.6

19a 1313 1136

5.6 1273 1136 5.6

20 1304 1182

7.4 1246 1182 7.2

21 1345 1301

7.0 1291 1301 7.1

22 1430 1238

7.4 1375 1238 7.2

23 1344 1222

7.6 1285 1222 7.6

Monday, June 3, 1918

YELLOW

a 1

mc 8210

T-C

h

11 11.4 1226 1573 11.4g 11.1 1235 1495 10.8 p13 11.3 1451 1148 11.210.8 1459 1133 11.216 11.6 1333 1389 11.811.4 1338 1372 11.4

This note should be
copied on page 5.

including the ft ones,

Four zones measured for 150 stars, but when I started to measure the extra zones to make 150 brighter than 11.4, I accidentally measured ~~to~~ to the $\Sigma +$ line, thinking that line was the end of the zone. I did this for 3 zones and almost immediately discovered it, so I measured all the stars brighter than 11.4 ^{in the other half of the 3 zones,} and the nos. of these latter latter stars are 378-400 inclusive. (7 zones in all meas.)

Omitted to record zones measured, 4 zones measured (no. at top), see above note.

Monday, June 3, 1918

YELLOW

Q1 mc 8210

mc 8210

scale A±

23a 1344 1176

9.3 1317 1158 9.1

23b 1306 1240

9.5 1277 1222 9.6

24 1393 1242

10.3 1357 1225 10.4

25 1402 1239

10.6 1364 1223 11.0

26 1396 1171

10.6 1357 1154 10.6

27 no star

27a def?

27b 1384 1191

11.4 1337 1175 11.4

28 1387 1256

11.8 1336 1237 11.7

2 799 1762

B

B 730 695

B

Y 2244 1774

B

S 2293 683

B

Plate reversed
2092 586

2159 1652

646 570

596 1662

Monday, June 3, 1918

YELLOW

A, arc 5210

PC

g

h

Plate reversed

Beginning Zone I card 194 Limits $\begin{cases} 1502 \\ 1456 \end{cases}$ 10.15

End Zone I card 224

Beginning Zone II card 225 $\begin{cases} 1457 \\ 1406 \end{cases}$

End Zone II card 258 10.40

Beginning Zone III card 260 $\begin{cases} 1406 \\ 1357 \end{cases}$

End Zone III card 295 11.00

11.15 Beginning Zone IV card 296 $\begin{cases} 1358 \\ 1314 \end{cases}$

End Zone IV card 334 11.40

1.00 Beginning Zone V card 335 $\begin{cases} 1314 \\ 1264 \end{cases}$

End Zone V card 375 1.15

no additional zones measured, as there are ^{already} 150 brighter than114₂

6, 3, 18.

 $\begin{cases} 1.20 \\ 1.25 \\ 1.40 \\ 1.50 \end{cases}$ 2 8.5 777 1756reversed 8.4 2080 556B 10.7 686 690rev. 10.6 2126 1624Y 10.1 2207 1768rev. 9.6 623 538S 10.2 2255 678rev. 10.2 567 16326.5 7.4 9 17556.4 2045 5819.7 701 6739.8 2127 1629

X 7

X p

9.6 2264 6609.4 9.1 573 1638

12

9.50

Wednesday, June 19, 1915

m C 10300

Scale A L

h	799 1923	
B		B
B	730 858	
B		B
Y	2246 1939	
B		B
8	2290 844	
B		B
01	1204 1167	
B		B
02	1503 1356	
B		B
03	1504 924	
B		B
04	1497 1156	
B		B
04a	1530 1810	
B		B
04b	1767 956	
B		B
05	1116 786	
B		B
06	1198 1382	
B		B
07	1567 1387	
B		B
07a	1693 1444	
B		B

Wednesday, June 19, 1918

Scale 2 L

mC10300

PC			g		h	
			x_p		x_p	
L	4.7 765 1935	4.6				
B	7.5 666 870	7.4	x_p		x_p	
Y	5.6 2204 1945	5.4	x_p		x_p	
8	<u>8.6</u> 2267 837	<u>8.6</u>	x_p		x_p	
01	3.5 1181 1180	3.5	B		B	
02	4.4 1467 1370	4.3	B		B	
03	3.5 1477 936	3.5	3.2 1485 926		B	
04	4.3 1466 1168	4.5	B		B	
04a	4.5 1496 1823	4.5	x_p		x_p	
04b	5.1 1727 967	5.0	x_p		4.5	
05	5.1 1076 998	5.0	5.3 1078 790		5.1	
06	5.5 1156 1394	5.4	5.4 1161 1386		x_p	
07	5.6 1525 1399	5.5	x_p		5.4	
07a	<u>8.8</u> 1667 1437	<u>8.6</u>	7.6 1632 1446		8.3	

Wednesday, June 19, 1918

a₁

mc 10300

Scale a L

08	1413 1174	
	B	B
09	1326 1596	
	B	B
09a	1639 1721	
	B	B
09b	970 1315	
	B	B
010	1461 1825	
	B	B
011	1277 1676	
	B	B
012	1357 1254	
	B	B
013	1501 1316	
	B	B
014	1434 1355	
	B	B
015	1394 1235	
	B	B
016	1386 1554	
	B	B
017	1370 1438	
	B	B
018	1341 1411	
	4.2 1314 1411 4.3	
019	1397 1423	
	4.1 1371 1423 4.0	

Wednesday, June 19, 1918

A1

Scale 2 L

m.c. 10300

PC		g	h
08 5.5 1367 1187 5.5		B	5.4
09 5.5 1283 1607 5.5		x _p	5.3
09a 7.3 1577 1734 7.1		x _p	A _p
09b 7.1 908 1326 7.1		6.4 922 1317	x _p
010 8.4 1443 1820 7.6		x _p	x _p
011 7.4 1216 1690 7.4			7.2
012 8.9 1333 1247 8.5		x _p	8.7
013 8.6 1477 1312 8.7		8.6 1439 1318	8.7
014 10.0 1396 1349 10.1		9.4 1407 1341	9.4
015 9.8 1359 1230 9.7		8.7 1375 1222	9.4 9.2
016 10.8 1343 1549 10.8		x _p	10.2
017 10.0 1334 1433 10.3		10.3 1334 1424	10.2
018 11.1 1294 1406 10.8		10.7 1304 1398	10.6
019 x _p x _p		10.4 1361 1410	10.6

Wednesday, June 19, 1918

mc 10300

Scale A L

0 19a	1314 1296	
B		B
0 20	1303 1344	
	4.5 1273 1344 B	
0 21	1346 1463	
	4.5 1316 1463 4A	
0 22	1434 1399	
	5.6 1393 1399 5.6	
0 23	1344 1382	
	5.5 1305 1383 6.1	5.7
0 23a	1344 1337	
	6.5 1295 1337 7.1	7.1
0 23b	1306 1400	
	8.6 1287 1384 7.6	
0 24	1394 1404	
	7.4 1337 1404 7.0	
0 25	1401 1399	
	8.4 1386 1383 7.8	
0 26	1376 1334	
	8.0 1312 1334 7.6	
0 27	no star	
0 27a	1387 1413	
	9.3 1362 1394 9.2	
0 27b	1385 1351	
	9.5 1357 1333 9.3	
0 28	1387 1417	
	9.5 1362 1399 9.4	

Wednesday, June 19, 1918

MC 10300

P C	g	h
019aTP	<u>11.4</u> 12771283	<u>11.3</u> <u>10.7</u>
020 <u>11.4</u> 12541337 <u>11.5</u>	<u>11.1</u> 12601329	<u>11.3</u>
021 <u>11.2</u> 12961458 <u>11.3</u>	<u>11.1</u> 13041450	<u>11.1</u>
022 TP	<u>12.1</u> 13811386	<u>12.0</u>
023 ns	TP	
023a		
023h		
024		
025		
026		
027		
027a		
027h		
028		

Wednesday, June 19, 1915

MC 10300

Scale A L

0 29 1382 1391
11.1 1337 1374 11.7

0 30 no star

0 31 1386 1401
11.2 1342 1383 11.1

0 32 1383 1422
11.4 1335 1404 11.5

0 33 1398 1403
11.4 1354 1386 11.4

0 34 1354 1420
11.4 1306 1404 11.4

0 35 1372 1396
11.6 1326 1377 11.4

0 36 1363 1401
12.3 1306 1382 12.5

Wednesday, June 19, 1918.

mC10300

Scale A L

10.25 Beginning Zone I card 1 Limit $\begin{cases} 1385 \\ 1327 \end{cases}$
End Zone I card 167 12.00

12.20

12.40

11.15

Thursday, June 27, 1918

2	802 1924	B
	B	B
B	733 859	
	B	B
Y	2247 1936	
	B	B
S	2294 846	
	B	B
1	1206 1169	1
	B	B
2	1504 1361	
	B	B
3	1503 926	
	B	B
4	1499 1159	
	B	B
4a	1533 1815	
	B	B
4b	1772 960	
	B	B
5	1120 788	
	B	B
6	1202 1384	
	B	B
7	1570 1390	
	B	B
7a	1694 1447	
	B	B

Thursday, June 27, 1918

P C	g	h
L 5.0 763 1936 4.6	γ_p	γ_p
B <u>8.4</u> 711 854 7.4	γ_p	γ_p
V 5.5 2204 1949 5.2	γ_p	γ_p
8 <u>8.8</u> 2268 843 <u>8.6</u>	γ_p	γ_p
1 4.4 1174 1181 4.4	γ_p	B
2 4.4 1470 1371 4.3	B	3.7
3 4.2 1473 939 4.3	B	B
4 4.3 1466 1172 4.3	4.1 1474 1164	B
4a 5.1 1490 1825 4.6 4.6	γ_p	γ_p
4b 4.7 1735 972 4.6	4.6 1742 963 4.4	
5 5.2 1077 800 5.4	4.9 1086 791 5.1	
6 5.5 1157 1396 5.4	5.3 1162 1386 5.3	
7 5.6 1526 1402 5.4	5.5 1533 1393 5.3	
7a <u>8.7</u> 1668 1441 <u>8.4</u>	<u>8.3</u> 1679 1433 7.3	

Thursday, June 27, 1915

8 1415 1177

B

B

9 1327 1598

B

B

9a 1638 1725

B

B

9b 971 1316

B

B

10 1463 1826

B

B

11 1299 1682

B

B

12 1358 1255

B

B

13 1502 1319

B

B

14 1434 1356

3.1 1417 1356

3.0

15 1394 1237

B

B

16 1387 1057

B

B

17 1369 1446

3.9 1347 1440 3.6

18 1343 1414

4.3 1314 1414 4.0

19 1399 1425

4.1 1371 1425 4.0

Thursday, June 27, 1918

P C				g		h			
8	5.6	1369	1190	5.4	5.4	1375	1180	5.3	
9	5.7	1251	1611	5.5	xp			5.3	
9a	7.4	15-77	1736	7.1	xp			13	
9b	7.2	909	1326	7.3	7.0	916	1318	6.7	
10	<u>8.5</u>	1442	1823	7.7	xp			7.2	
11	7.6	1214	1694	7.4	xp			7.3	
12	<u>9.1</u>	1331	1250	<u>8.4</u>	<u>8.7</u>	surp		<u>8.7</u>	
13	<u>9.1</u>	1474	1314	<u>8.6</u>	<u>8.7</u>	<u>8.8</u>	1480	1304	<u>8.5</u>
14	<u>10.1</u>	1396	1353	<u>9.6</u>	<u>10.1</u>	<u>9.4</u>	1407	1341	<u>9.4</u>
15	<u>10.1</u>	1357	1235	<u>9.5</u>	<u>9.6</u>	surp?			<u>9.2</u>
16	<u>10.8</u>	1345	1551	<u>10.5</u>	xp				<u>10.2</u>
17	<u>10.5</u>	1329	1436	<u>10.2</u>	<u>10.3</u>	1336	1426		<u>10.3</u>
18	xp		xp		<u>10.6</u>	1305	1401		<u>10.3</u>
19	xp		xp		<u>10.6</u>	136	11412		<u>10.3</u>

Thursday, June 27, 1918

190 1314 1300

~~111~~ B 4.4

20 1304 1345

4.5 1275 1345 4.3

21 1347 1466

4.9 1313 1466 4.6

22 1434 1402

5.7 1393 1402 5.6

23 1346 1385

6.3 1298 1385 5.7 6.1

23a 1346 1339

7.1 1288 1339 6.3 6.7

23b 1307 1404

8.7 1287 1386 8.5

24 1394 1406

8.2 1380 1389 7.4

25 1404 1403

8.3 1387 1385 8.3

26 1377 1335

7.6 1318 1335 7.3

27 no star

27a 1386 1415

9.4 1363 1396 9.3

27b 1385 1354

9.5 1357 1335 9.3

28 1387 1420

9.5 1363 1403 9.4

Thursday, June 27, 1918

PC	g	h
19a <u>11.4</u> 1265 1294 \star <u>p</u>	\star <u>p</u>	<u>11.0</u>
20 <u>11.4</u> 12 ⁵ 8 1341 <u>11.3</u>	<u>10.8</u> 1265 1333 <u>11.2</u>	
21 <u>11.4</u> 1297 1460 <u>11.3</u>	\star <u>p</u>	<u>11.1</u>
22		
23		
23a		
23b		
24		
25		
26		
27		
27a		
27b		
28		

Thursday, June 27, 1918

29 1384 1393
 10.8 1343 1376 10.6

30 no star

31 1387 1404
 $\frac{1}{p}$ 10.8

32 1383 1424
 11.4 1336 1406 11.3

33 1401 1405
 11.4 1356 1388 11.4

34 1355 1425
 11.4 1309 1406 11.4

35 1377 1399
 11.5 1327 1381 11.6

36 1363 1403
 11.7 1306 1385 11.6

Thursday, June 27, 1918

All stars as faint as 16.0

Beginning Zone II card 168 Limit { 1330
1274

End Zone II card 252 12.50

1.35

Beginning Zone III card 253 Limit { 1275
1221

End Zone III card 326 2.15

2.50

28

9.30

Wednesday, August 21, 1918

2	799 1921	B	B
B	727 856	B	B
8	2245 1928	B	B
8	2287 839	B	B
1	1203 1163	B	B
2	1500 1355	B	B
3	1502 920	B	B
4	1496 1154	B	B
4a	1528 1808	B	B
4b	1766 953	B	B
5	1115 783	B	B
6	1199 1379	B	B
7	1567 1383	B	B
7a	1692 1441	B	B

Wednesday, August 21, 1918

BC					
2	4.8	763	1933 4.8	q	lv
				x _p	x _p
B	7.6	665	868 <u>8.4</u>	6.1	681 857 6.6
γ	5.5	2202	1941 5.3	x _p	x _p
8	<u>8.7</u>	2265	835 <u>8.5</u>	6.9	2237 843 sup
1	3.7	1176	1176 3.6	B	B
2	4.1	1466	1366 4.2	B	B
3	4.0	1470	932 3.4 36	B	B
4	4.2	1463	1166 3.8	B	B
4a	4.6	1495	1819 4.7	x _p	B
4b	4.6	1731	965 4.4	4.4	1736 956 4.5
5	5.3	1072	795 5.2	5.2	1077 786 B
6	5.4	1155	1371 5.4	5.3	1159 1382 5.2
7	5.5	1525	1396 5.5	5.5	1527 1386 B
8	<u>8.7</u>	1666	1436 <u>8.5</u>	7.6	1631 1443 <u>8.3</u>

Wednesday, August 21, 1918

8	1412 1172	
	B	B
9	1324 1592	
	B	B
9a	1637 1719	
	B	B
9b	967 1312	
	B	B
10	1463 1822	
	B	B
11	1276 1676	
	B	B
12	1356 1250	
	B	B
13	1498 1311	
	B	B
14	1431 1352	
	B	B
15	1391 1231	
	B	B
16	1385 1551	
	B	B
17	1367 1435	
	3.5 1346 1435 3.9	
18	1340 1407	
	3.8 1317 1407 4.0	
19	1397 1420	
	4.0 1372 1420 4.0	

Wednesday, August 21, 1918

P C	g	h.
8 5.5 1367 1182 5.4	5.3 1373 1174 5.3	
9 5.5 1280 1605 5.7	5.5 1285 1595 5.5	
9a 7.2 1577 1230 7.4	\bar{x}_p B	
9b 5.7 922 1325 ^{W.S.} 7.2 905 1323	6.1 923 1315 \bar{x}_p	
10 <u>8.5</u> 1439 1818 <u>8.5</u>	\bar{x}_p 8.1	
11 <u>8.6</u> 1254 1670 7.5	\bar{x}_p 7.3	
12 7.9 1287 1262 7.6	\bar{x}_p <u>8.8</u>	
13 <u>8.6</u> 1476 1308 <u>8.5</u>	7.6 1437 1315 <u>8.5</u>	
14 <u>10.1</u> 1393 1346 <u>10.0</u>	<u>9.5</u> 1404 1336 <u>9.4</u>	
15 <u>10.0</u> 1355 1226 <u>9.6</u>	9.6 1330 1235 <u>9.3</u>	
16 <u>10.6</u> 1343 1546 <u>10.7</u>	<u>9.6</u> 1357 1536 <u>10.2</u> <u>10.0</u>	
17 <u>10.3</u> 1330 1431 <u>10.4</u>	<u>10.4</u> 1331 1421 <u>10.4</u>	
18 <u>10.8</u> 1295 1404 <u>11.3</u>	<u>10.6</u> 1301 1393 <u>10.6</u>	
19 \bar{x}_p \bar{x}_p	<u>10.4</u> 1362 1406 <u>10.3</u>	

Wednesday, August 21, 1918

19a 1312 1294
4.3 1282 1294 4.5

20 1302 1341
4.6 1272 1339 4.5

21 1344 1461
4.9 1310 1461 4.9

22 1430 1397
5.6 1391 1397 5.8

23 1344 1380
6.0 1297 1380 5.6

23a 1341 1336
7.2 1285 1334 7.1

23b 1305 1398
7.7 1244 1398 7.8

24 1393 1400
7.4 1334 1398 7.2

25 1399 1397
8.4 1384 1399 7.5

26 1376 1330
8.6 1357 1313 7.8

27 master

27a 1385 1409
9.3 1360 1390 9.2

27b 1383 1349
9.3 1357 1330 9.2

28 1387 1415
9.5 1360 1396 9.5

Wednesday, August 21, 1918

	PC		g	h	
19a	\bar{x}_p	\bar{x}_p	<u>10.6</u>	1275 1279	<u>11.2</u> <u>10.8</u>
20	<u>11.5</u>	1249 1335	<u>11.1</u>	1257 1326	<u>11.2</u>
21	<u>11.3</u>	1296 1455 \bar{x}_p	<u>10.8</u>	1305 1446	def
22	\bar{x}_f	\bar{x}_f	<u>12.3</u>	1370 ⁶ 1383	<u>12.2</u>

Wednesday, August 21, 1915

29 1380.1387
11.2 1336 1371 11.2

30 no star

31 1383 1399
11.0 1341 1379 11.3

32 1378 1417
11.5 1333 1401 11.5

33 1398 1401
11.3 1353 1382 11.3

34 1353 1418
11.5 1304 1401 11.5

35 1370 1393
12.1 1317 1375 11.5 11.6

36 1358 1396
11.9 1307 1378 12.0

Wednesday, August 21, 1918

10.25 Beginning Zone IV card 327 Limits $\begin{matrix} 11.18 \\ 11.27 \\ 11.77 \end{matrix}$
 End Zone IV card 387 11.00
 Beginning Zone V card 388 Limits $\begin{matrix} 11.76 \\ 11.24 \end{matrix}$
 End Zone V card 467 11.55
 12.25 Beginning Zone VI card 468 Limits $\begin{matrix} 11.24 \\ 10.77 \end{matrix}$
 End Zone VI card 557 1.45
³
 2.40 Beginning Zone VII card 558 Limits $\begin{matrix} 1.08 \\ 0 \end{matrix}$
 End Zone VII card 626 3:25

3.40

3.55

36

12.10

Thursday, Aug 22, 1918
Plate reversed.

L 2061 394

B

B 2133 1458

B

8

8

1 1660 1150

B

2

3

4

4a 1331 506

B

4b

5 1747 1533

B

6 1664 935

B

7

7a

Thursday, Aug 22, 1918

PC	g	h
5.3 2027 382	γ_p	
3 2.6 2079 1445	7.1 2080 1453	
Y		
8		
1 4.1 1636 1137	B	
2		
3		
4		
4a 5.0 1303 493	γ_p	
4b		
5 5.3 1714 1518	5.1 1710 1527	
6 5.5 1628 923	5.4 1627 932	
7		
7a		

Thursday. Aug 22, 1918

8

9 1536 721

B

9a 1324 296

B

9b 1893 1004

B

10 1400 493

B

11 1585 639

B

12 1506 1064

B

13

14

15 1471 1081

B

16

17 1494 879

3.8 1473 879

18 1523 904

4.1 1496 904

19

Thursday, Aug 22, 1918

PC	g	h
8		
9 5.6 1500 708	*p	
9a 7.0 1174 583	*p	
9b 7.4 1841 988	6.6 1844 997	
10 <u>8.6</u> 1386 463	*p	
11 7.6 1528 625	*p	
12 <u>8.7</u> 1492 1035	*p	
13		
14		
15 <u>9.5</u> 1440 1050	<u>8.5</u> 1454 1061	
16		
17 <u>10.4</u> 1463 848	<u>10.3</u> 1460 857	
18 <u>11.0</u> 1486 875	<u>10.7</u> 1485 884	
19		

Thursday, Aug 22, 1918

19a 1550 1019

4.4 1522 1019

20 1563 974

B

21

22

23 1518 935

5.8 1477 935

23a 1519 979

7.0 1465 979

23b 1557 916

7.7 1497 916

24 1470 913

25 1463 918

~~1467 943~~

7.6 1403 916

26 1486 984

7.7 1426 983

27

27a

27b

28

Thursday, Aug 22, 1918

PC	$\frac{g}{T_p}$	h
19 T_p		
20 T_p	<u>11.4</u> 1516 959	
21		
22		

Thursday, Aug 22, 1915

29 1483 926

10.7 1445 908

30

31 1478 916

11.1 1436 898

32

33

34 1513 895

11.4 1465 878

35

36 1504 916

12.0 1450 898

Thursday, Aug 22, 1918

12.45

