

dbl 3"

1623 00 00 38 -68 27 9.2 M054

9.30 +1.35 +118 26 Aug 22

8.40 +0.675 30 Aug 22

HD55

11 152 03 55 -68 02

$$\begin{array}{r} 8.54 +1.04 (10.61) \\ 8.50 +1.05 +0.49 \\ 8.51 +1.06 +0.85 \\ \hline 8.53 +1.05 +0.865 \end{array} \textcircled{4}$$

11 152 03 55 -68 02

$$\begin{array}{r} 7.75 +0.405 (8.4669) \\ 7.55 +0.445 2.14605 \\ 7.57 +0.43 1.9466 \\ \hline 7.62 +0.44 3.0477 \end{array} \textcircled{3}$$

200 17 38 -10 07 91 1075

91

994 1133 +1.155 1100773

9.07 +0.59136e<sup>3</sup>,

May 07 01 16 21 6.01/52

$$6.63 + 1.145 + 1.175 = 8.95$$

$$\frac{9.05 + 0.43 \text{ (MSA)}}{9.01 + 0.41 \text{ (CCB)}}$$



955

$$\begin{array}{r} \cancel{8.57} + 0.845 \\ 8.59 + 0.645 + 0.48 \quad 23 Oct 66 \\ \hline 8.62 \quad 10.63 + 0.56 \quad 18.85 \end{array}$$
$$\begin{array}{r} 8.55 + 0.855 + 0.52 \quad 30 Nov 69 \\ 8.53 + 0.855 + 0.52 \quad 10.9071 \\ \hline 8.61 \quad 10.955 + 0.495 \quad 25 Nov 73 \end{array}$$
$$\begin{array}{r} 8.57 + 0.865 \\ \hline 8.495 \quad 4 \end{array}$$

$$\begin{array}{r} 8.15 + 0.34 \quad 18 Dec 68 \\ 8.02 + 0.34 \quad 19 Nov 68 \\ 8.06 + 0.345 \quad 1 Dec 71 \\ 8.10 + 0.34 \quad 3 Dec 71 \\ 8.23 + 0.335 \quad 4 Dec 71 \\ 8.19 + 0.355 \quad 30 May 72 \\ \hline 8.13 + 0.345 \quad 6 \end{array}$$

Me 50 33 39 62 07 6.4 125

10.30 +1.05 +0.715 24 May 23

387 10.30 165  
9.65 +0.39 31 May 23



W7 67 44 81 -68 02 9.6 102.1

9.78 +0.505 +0.645 29 May 20

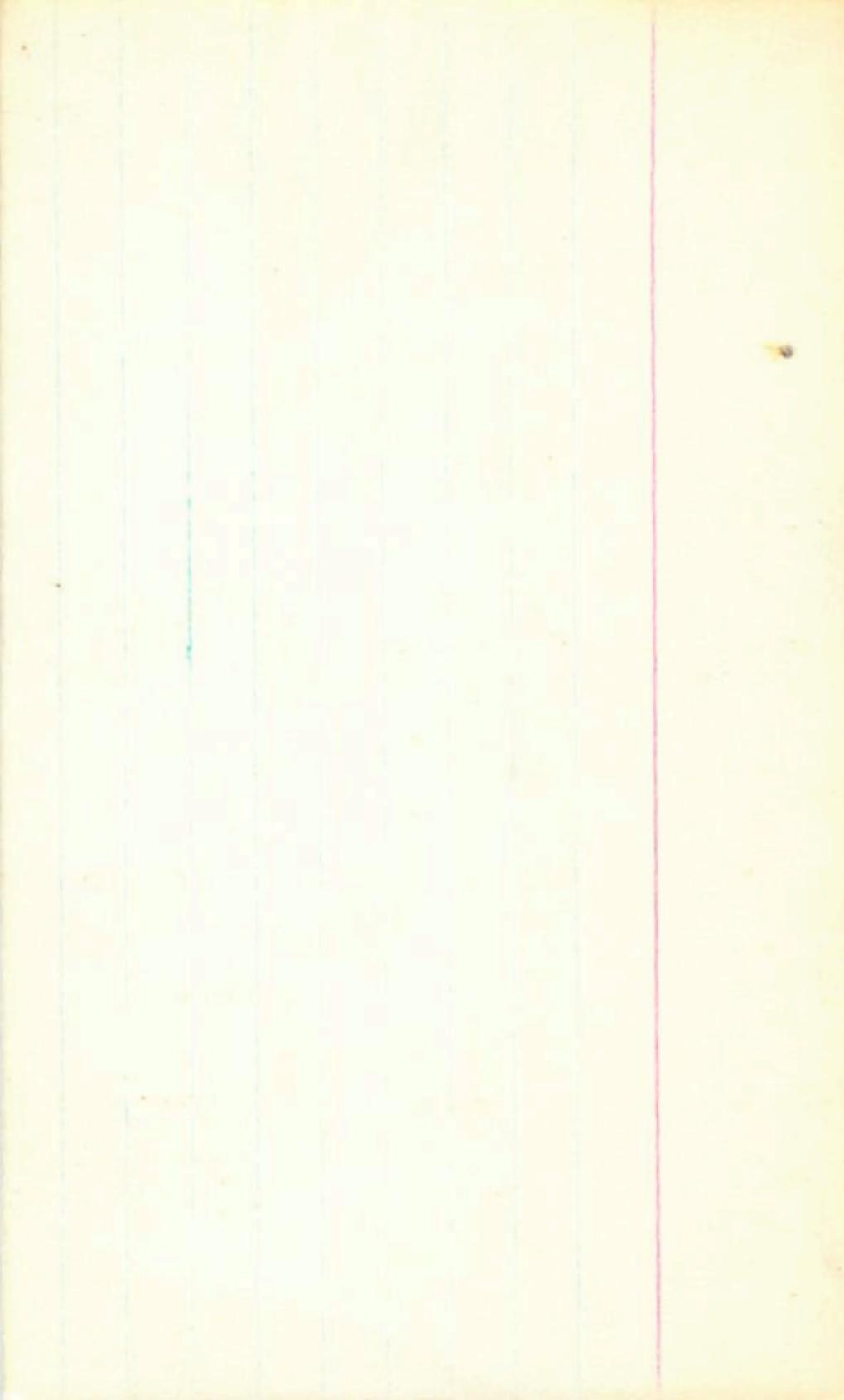
9.32 +0.38 / 10.30 ft  
9.38 +0.40 31 May 20  
• 9.35 +0.39



118    50 48 23 -54 46 95 105 2

9.58 +1.17 +1.075 15.64122

8.86 +0.47165248



219 00 50 06 → 15 02 9.1 1452

$$9.28 + 1.085 \cancel{+ 0.995} / 1582.2$$

9.28 + 0.4216548



LTT 637

?

M10 07 55 06 -05 36 9.4 145°

10.13 +0.68 +0.68 15 Sept 20

9.64 +0.33 16 Sep



872 + 0.56  $\frac{5}{5}$

9.52 + 1.24  $\frac{3}{3}$

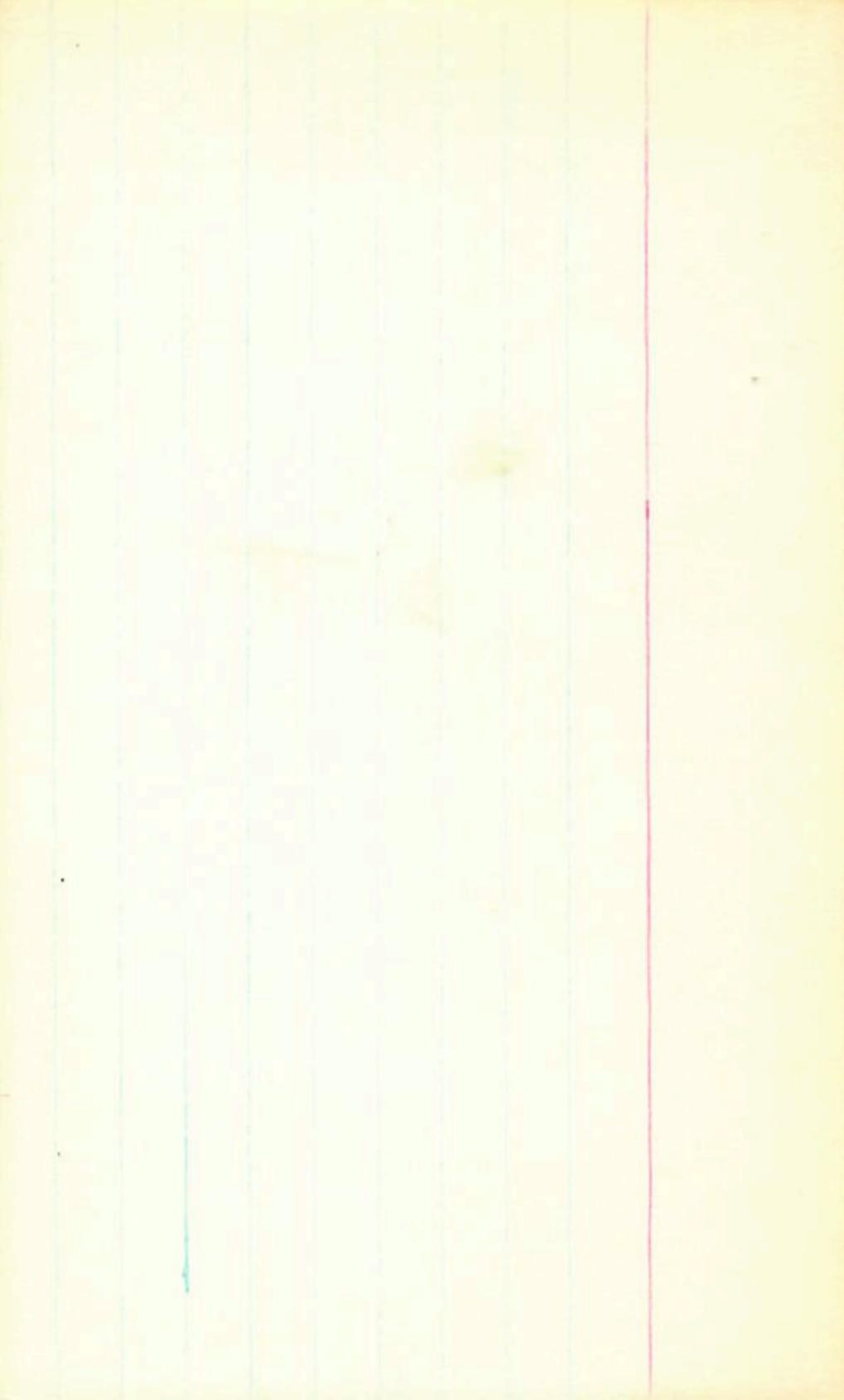
9.53 + 1.21  $\frac{4}{4}$

9.57 + 1.21  $\frac{2}{2}$

9.59 + 1.31  $\frac{5}{5}$

8.70 + 0.57  $\frac{7}{7}$

9.11 07 55 45 - 6 2 2 10 94 7 note

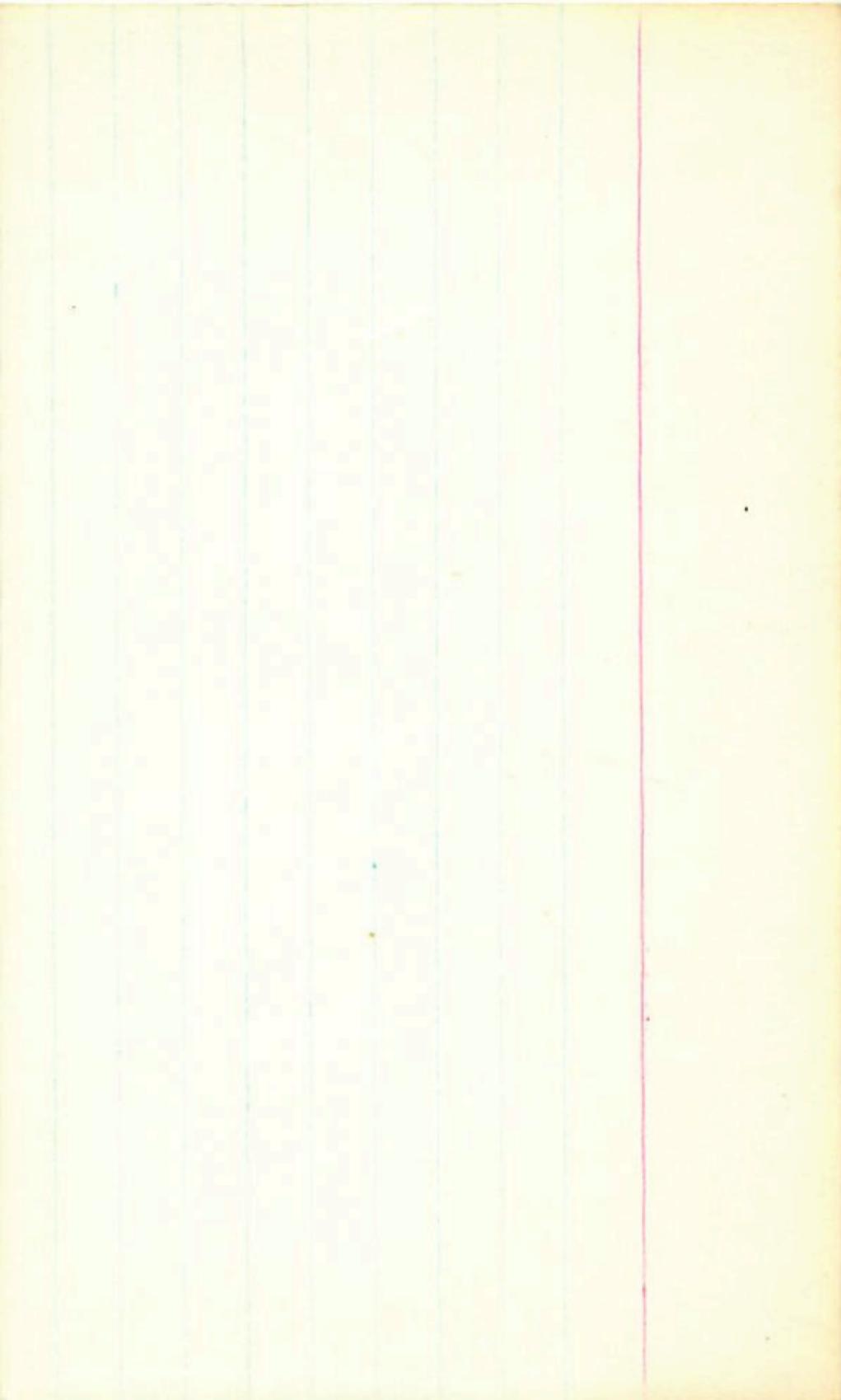


BPM 21496 11.4 .781050

M12 00 58 00 -14 09 26 10425

10.59 +1.0755 +0.945 15544723

10.01 +0.4010661



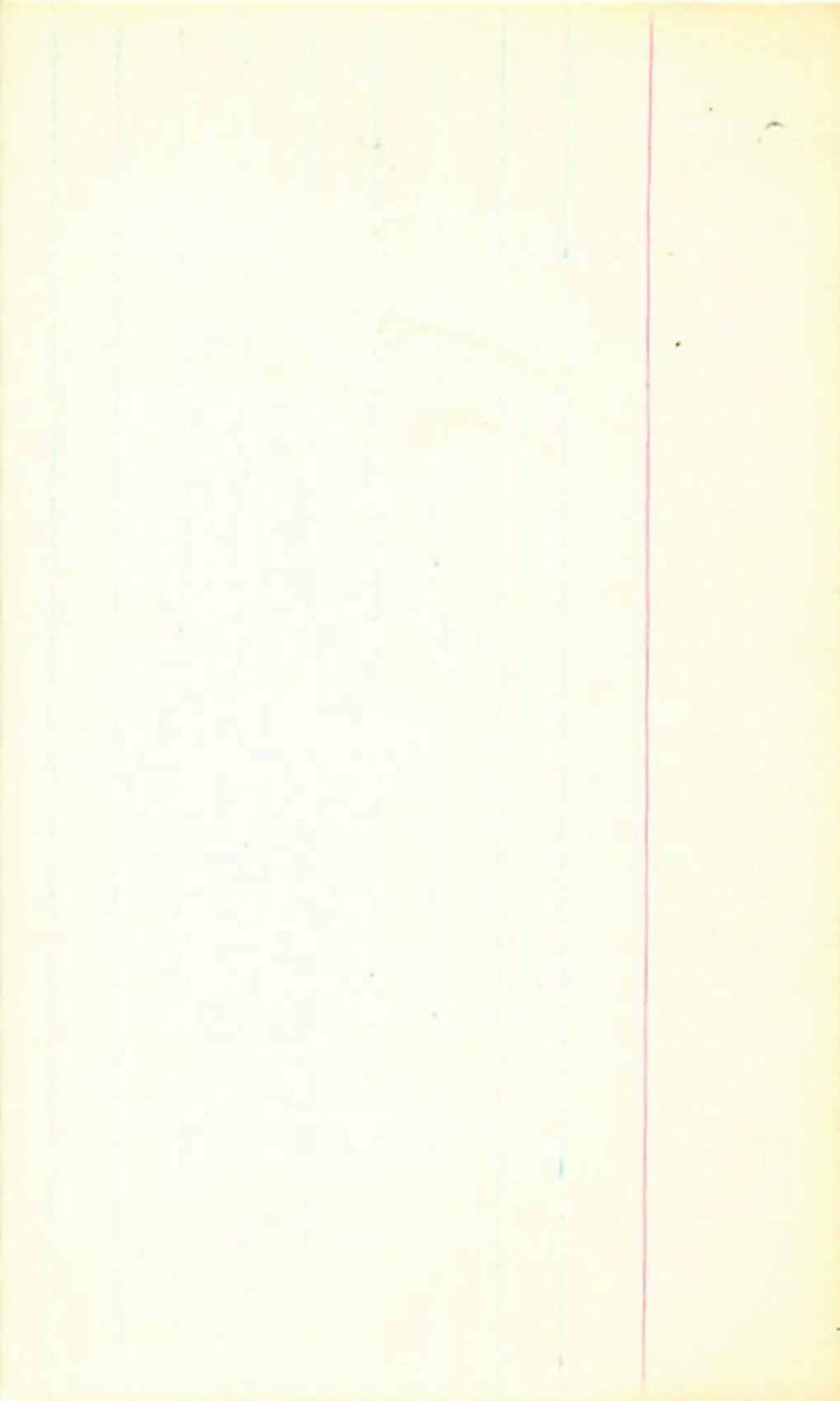
W13

① 58 45 -13 46 90 15' 2 21

16.10 +1.035 +0.845 17 Sept 12

W.50 to 35.5 W.50

9.55 10.41 1984.5



114 01 00 42 -10 03 10.6102

$$\begin{array}{r} 10.56 + 1.205' + 1.10 \quad 15 \text{ feet } 22 \\ 10.55 + 1.185' \quad \underline{+ 1.135} \quad 17 \text{ feet } 72 \\ \hline 10.56 + 1.155' \quad \underline{+ 1.12} \end{array}$$

$$\begin{array}{r} 98^{\textcircled{2}} \text{ to } 80^{\textcircled{1}} 1651 \\ 978 \quad \underline{+ 0.525} \quad 1653 \\ \hline 690 \quad 10.54 \end{array}$$



215 01 00 54 -10 36 9.3 1074

$$\begin{array}{r} 10.04 + 1.365 + 1.165 \\ 10.07 + 1.345 + 1.245 \\ \hline 10.00 + 1.365 + 1.22 \end{array}$$

$$\begin{array}{r} 9.21 + 0.645 + 0.59 \\ 9.17 + 0.635 + 0.585 \\ \hline 9.19 + 0.64 \end{array}$$

2116 01 04 54 -14 27 86 1427

9.53 10.90 +0.555 17 Sept 23

9.14 +0.315 18 Sept

G 268-146

217 01 16 62 -15 39 9.72 103 $\Sigma$

9.79 +1.00 +0.715 15 Sept 73

9.78 +1.005 +0.69 11 Oct 73

9.78 +1.00 +0.705

9.32 +0.40 16 Sept 73

9.23 +0.46 18 Sept 73

9.24 +0.39 13 Oct 73

9.26 +0.40



11.18 0120 15-41 47 " 10.2  
MO E

10.21 +1.365 +1.08 15 Sept 23

10.15 +1.36 +1.07 12 Sept 69

10.18 +1.36 +1.075 ②

9.22 +0.64 18 <sup>18</sup> Nov

9.35 +0.64 19 <sup>18</sup> Dec 68

9.19 +0.695 18 Sept 71

9.20 +0.695 ③



114 01 32 48 -55 40 93 185-5

9.91 +10.8 +6.965 15 Sept 70

$$\begin{array}{r} 9.25 \\ 9.35 \\ \hline 9.30 \end{array} \begin{array}{r} +0.49 \\ +0.475 \\ \hline +0.46 \end{array}$$



20 01 35 53 57 167

$$\begin{array}{r} -54 43 9.5 125 \overline{2} \\ 2274 9.41 \sqrt{+1.675} \\ \hline +16.12 \overline{1365} \end{array}$$

8.68 10.65 13m23



$$\mu_8 = -0.04 \text{ msr}$$
$$\mu_b = -0.152$$

15" NW

$$M21 \quad 01^{\circ} 42' 09'' - 58^{\circ} 09.1' - 9^{\circ} 34' 22''$$

A

$$9.31 + 0.91 + 0.42 \quad 158.472$$
$$9.22 + 0.88 + 0.41 \quad 175.622$$
$$\underline{9.24 + 0.895 + 0.415}$$
$$8.78 + 0.355 \quad 165.9$$
$$8.80 + 0.375 \quad 185.125$$
$$\underline{8.79 + 0.365}$$
$$11.209 \quad 16.405 \quad 16.545$$
$$11.27 + 0.41 \quad 185.125$$
$$\underline{11.28 + 0.411}$$
$$11.87 + 1.23 + 1.14 \quad 175.622$$



U22 01 46 // -12 55' S. 1 W 52'

9.76 + 1.135' + 1.11 1556.12

920 10.40 1656.0



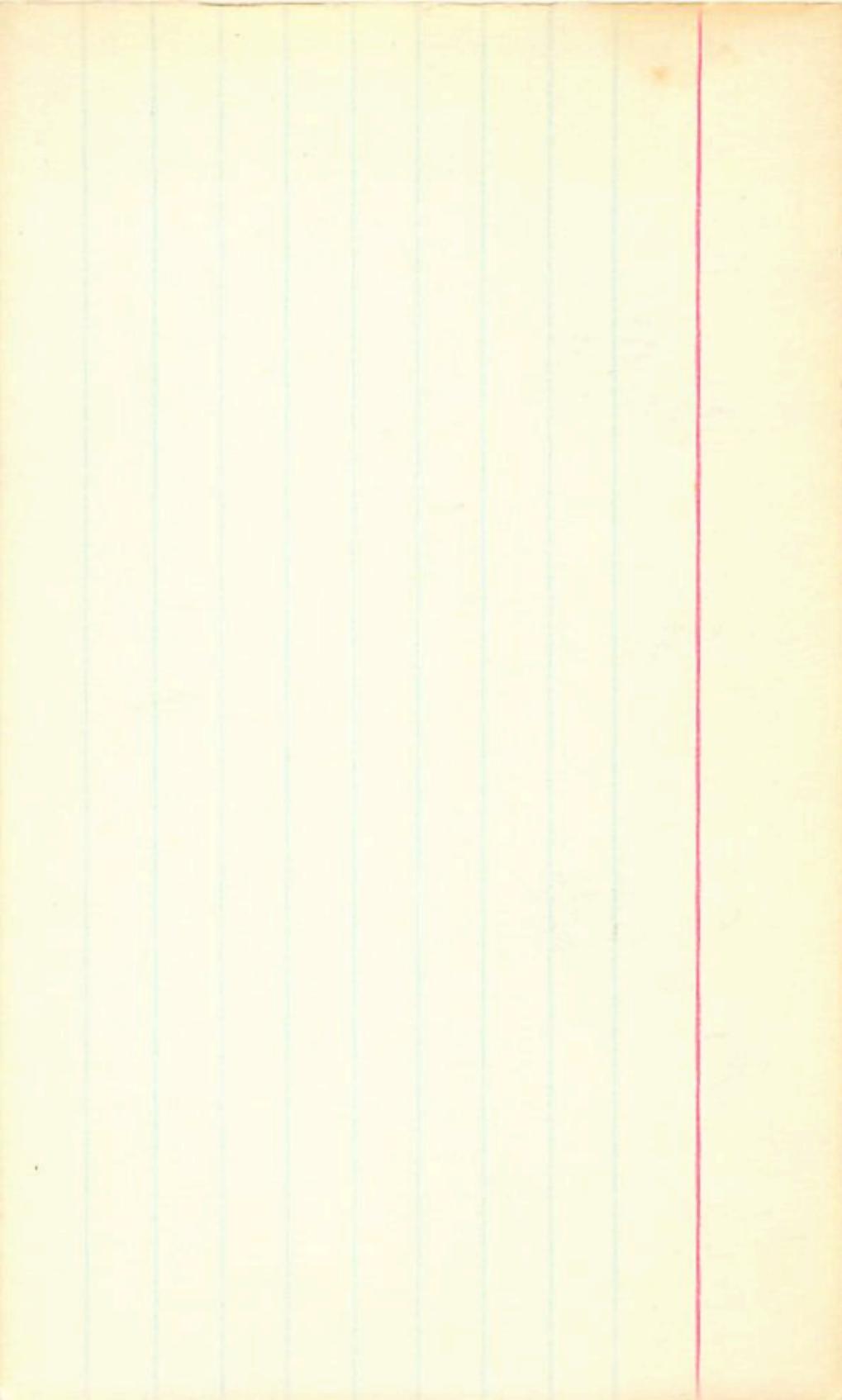
V 4

1123 01 51 10 -22 35 8.58 M/T%

2.4

$$\begin{array}{r} 8.54 + 1.40 \cancel{\sqrt{}} + 1.14 \text{ (left)} \\ 8.52 + 1.41 \cancel{\frac{+ 1.27}{+ 1.21}} \\ \hline 8.53 + 1.41 + 1.21 \end{array}$$

$$\begin{array}{r} 7.98 + 0.72 \text{ (left)} \\ 8.04 + 0.70 \text{ (left)} \\ 2.66 + 0.68 \cancel{\sqrt{2.42}} \\ \hline 8.05 + 0.68 + 0.66 \cancel{.6} \\ \hline 7.68 + 0.65 \text{ (right)} \end{array}$$



1125 02 01 35 -41 05 8.7 1422

$$\begin{array}{r} 9.06 +1.03 +0.84 1554.27 \\ 9.07 +1.015 +0.92 8 nov 23 \\ \hline 9.06 +1.02 +0.86 \end{array}$$

$$\begin{array}{r} 8.58 +0.35 1653.8 \\ 8.58 +0.38 +10.02 \\ \hline 8.55 +0.365 \end{array}$$



1127 02 04 18 -24 31 8.54 / 0.252

9.56 +0.805 +0.305 155<sub>WT</sub>20 (near)

8.59 +0.51 +0.465 155<sub>WT</sub>20

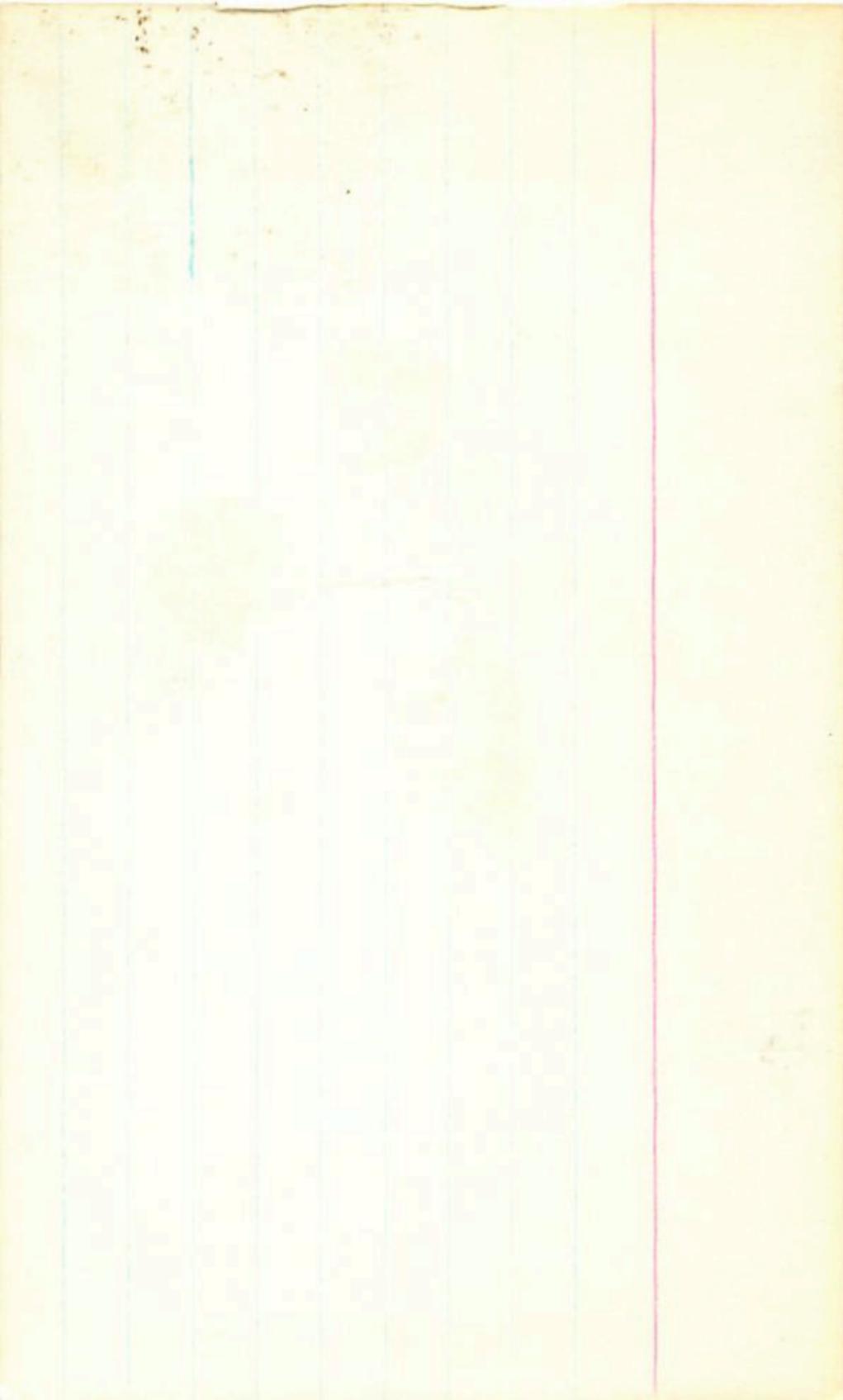
8.15 +6.33 165<sub>WT</sub>20  
8.17 +0.37 187<sub>WT</sub>20

-0.122 8.40 466 Cor  
+0.031

U24 02 11 41 -53 53 8.3 102 25

8.44 +0.87 +0.535 17 Sept 23

8.61 +0.36 3pm 74  
7.68 +0.32 18 Sept  
7.54 +0.33 3pm 74  
7.56 +0.34



-21°39'7" 2 10.8 -21 26

2128 2 11 48 -21 20 S. 1 W 7 E

9.88 + 1355 + 1.24 1556.72

+32.6 058 L (SAD)

9165 9528  
4001 3089

3242  
0434  
-555

0873

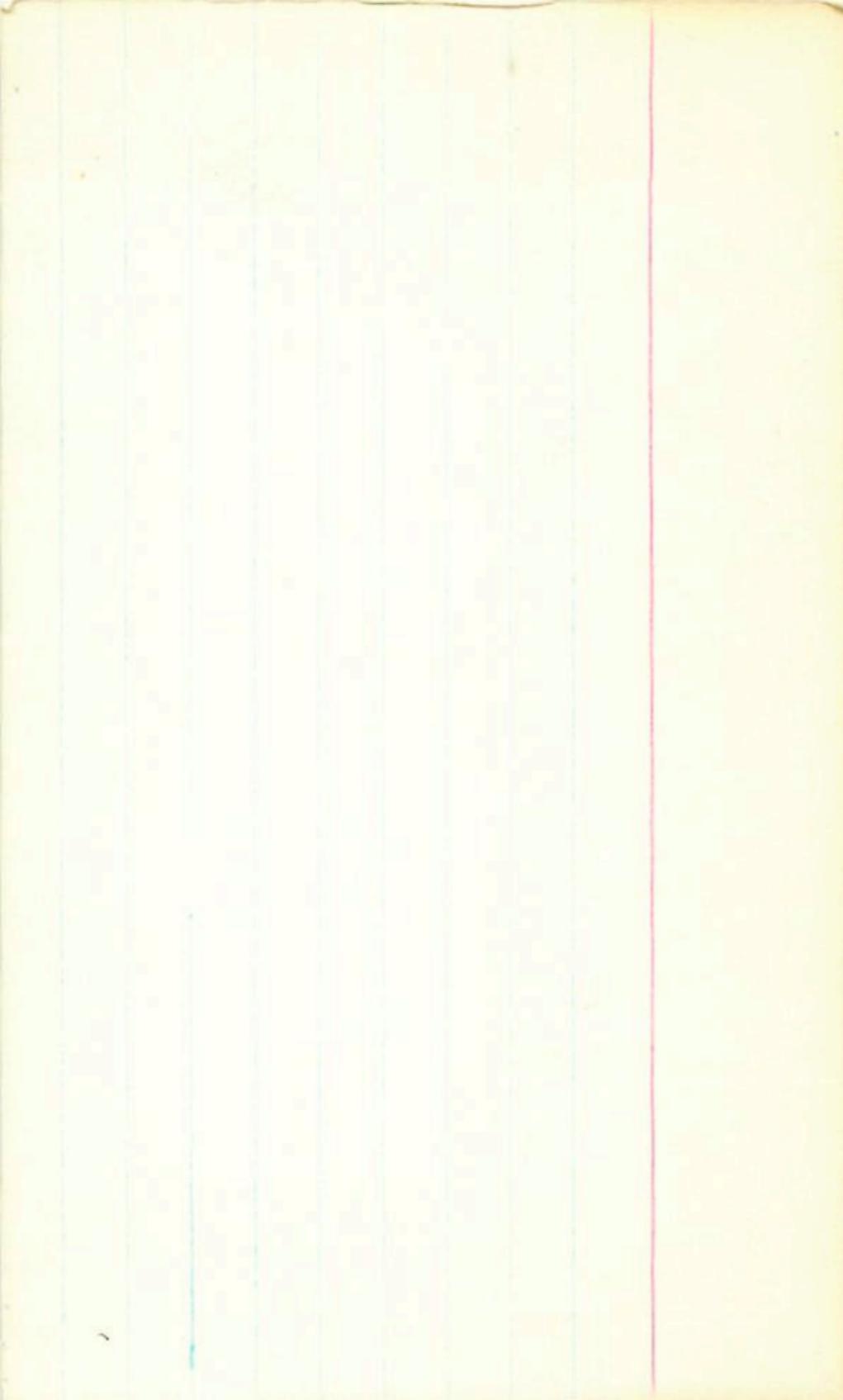
+18.2 214

9.05 +0.5851656  
9.06 +0.5853 fm 74  
9.06 0.585  
FM 9

288  
-055

1130 02 13 22 -49 49 54 1057  
01 16720 02 13 10 -49 59 46 00 02  
~~0.82~~ +1.27 +1.20 17 Sep 73

8.54 16.58 18 Sept



$\sim 1''$   $\Delta m \approx 0.5$

$W3 / 140$        $62$        $14$        $16$        $-18$        $22$        $8.3$        $H\alpha \sqrt{2}$

$8.02 + 1.01 + 0.25 \times 17.5 \times 12$

$7.47 + 0.405 \times 18.5 \times 12$



4.3

1132 62 16 57 -36 28 162  $\overline{5}$

10.03 +0.99 +0.835 (7 Sept) 249 10365  $\mu$  (Se, Br)



M33 62 19 24 -34 10 8.3 Hg

8.74 + 1035 ✓ 10.835 17 Sept 23

2051 8.71 10.76  
+ 1075

8.17 10.385 Sept 23



434 62 27 34 -20 07 8.89 / 00.1

$$8.89 + 1.14 + 10.16 + 17.59 + 23 \\ \underline{+ 9.83} \quad \underline{+ 1.12} \quad \underline{+ 0.97} \quad \underline{+ 0.59} \\ 49.81 + 1.14 + 10.16 + 17.59 + 23$$

$$8.14 + 10.50 + 16.48 + 10.49 \\ \underline{+ 8.22} \\ 8.18$$

$$8.14 + 10.50 + 16.48 + 10.49 \\ \underline{+ 8.22} \\ 8.18$$



u35 02 20 21 -35 07 8.7  $\mu$   $\text{Fe}$

9.06  
+1.5  
-16.6  
-0.9

9.51 10.50 5 +0.685 17 Sept 2012

9.01 +0.3518  $\mu$   $\text{Fe}$   
9.12 +0.3531  $\mu$   $\text{Fe}$   
9.06 +0.34



737

62 30 13 -15 24 8.9  $\pm 4.5$

8.74 +0.95 +0.65 17.5g ± 2.3

8.23 +0.92 +0.59 22.174  
8.74 +0.935 +0.62

8.27 +0.355 18.5g ± 2.5

(8.45 +0.345 31.4v ± 2)

8.29 +0.35 3 fm 74  
8.30 +0.35



1138

62 30 14 -20 11 9.5 1072

10.26 +1.27 +11.95 17.50 +7.2

652 - 10.515 195.17



100 37

1140 62 35 50 -23 39 8.4 11.27

(27.5)

8.48 + 1.675 = 10.555 m/s<sup>2</sup>

7.86 10.405 18.5 m/s<sup>2</sup>

Stair



May 02 34 30 -27 18 8.5 18 Sept

9.55 +1.65 +0.55 17 Sept

8.55 +0.415 18 Sept

May 2 62 32 55 -72 45.5 8.5 1445

May 2 62 32 55 -72 45.5 8.5 1445

8.90 11.04 10.54 11 Sept 03

8.29 10.41 18.50 11



W13 62 38 10 -58 19 9.5 NPK

9.35  
16.3

9.65 +1.35 +1.10 17 Sept 20

22.95

8.54 10.715 NPK



25" NW

9.43 +0.9  
+0.8 -0.8

144 62 39 19 -41 24 9.1 104.4

9.50 +1.03 +0.88 17 Sep 23

8.44 10.37 18 Sep 23  
9.54 +0.36 13 Oct 23  
9.56 +0.36.5

1405 +1.52 +0.91 17 Sep 23

13.50 +1.08 18 Sep 23  
12.48 +1.08 13 Oct 23  
12.49 +1.08

May 21 1986 10.52 +1.14 +1.10 +1.10 +1.13 +1.11  
10.54 +1.14 +1.15 +1.15 +1.15 +1.15 +1.15  
10.49 +1.14 +1.15 +1.15 +1.15 +1.15 +1.15  
10.52 +1.14 +1.10 +1.10 +1.13 +1.13 +1.11  
10.54 +1.14 +1.15 +1.15 +1.15 +1.15 +1.15  
10.49 +1.14 +1.15 +1.15 +1.15 +1.15 +1.15  
10.52 +1.14 +1.10 +1.10 +1.13 +1.13 +1.11  
10.54 +1.14 +1.15 +1.15 +1.15 +1.15 +1.15  
10.49 +1.14 +1.15 +1.15 +1.15 +1.15 +1.15  
10.52 +1.14 +1.10 +1.10 +1.13 +1.13 +1.11  
10.54 +1.14 +1.15 +1.15 +1.15 +1.15 +1.15  
10.49 +1.14 +1.15 +1.15 +1.15 +1.15 +1.15  
10.52 +1.14 +1.10 +1.10 +1.13 +1.13 +1.11  
10.54 +1.14 +1.15 +1.15 +1.15 +1.15 +1.15  
10.49 +1.14 +1.15 +1.15 +1.15 +1.15 +1.15

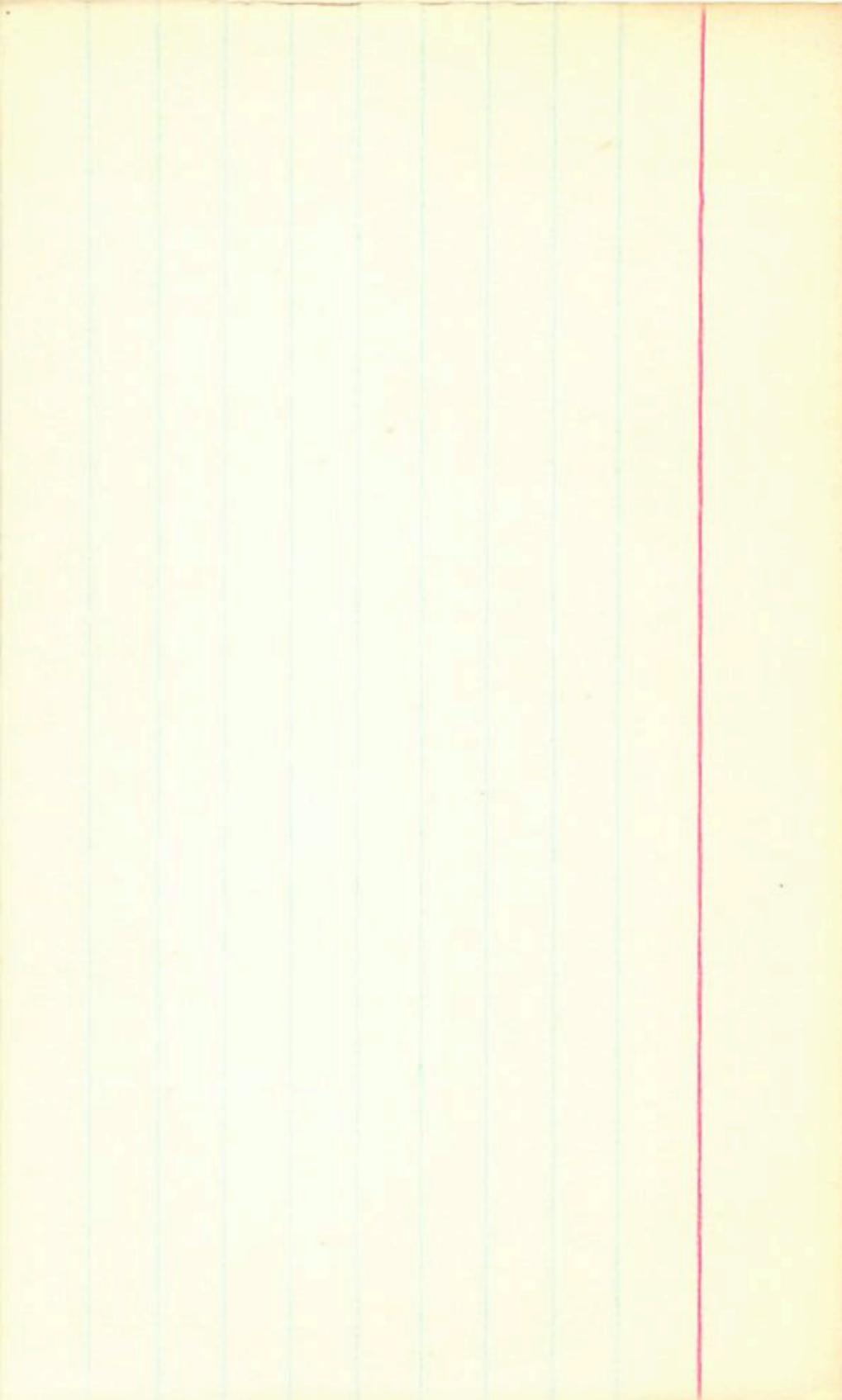
May 22 1986 10.45 -2 1 17 9.3 10.25

May 21 1986

247 0250 14 - 8 24 9.1 1072

9.82 11.685 +1.12 1204123  
9.60 +1.19 +1.14 1124124  
9.88 +1.19 +1.13

9.20 9.23  
9.18 +0.46 12641  
10.46 10.22  
9.24 9.21

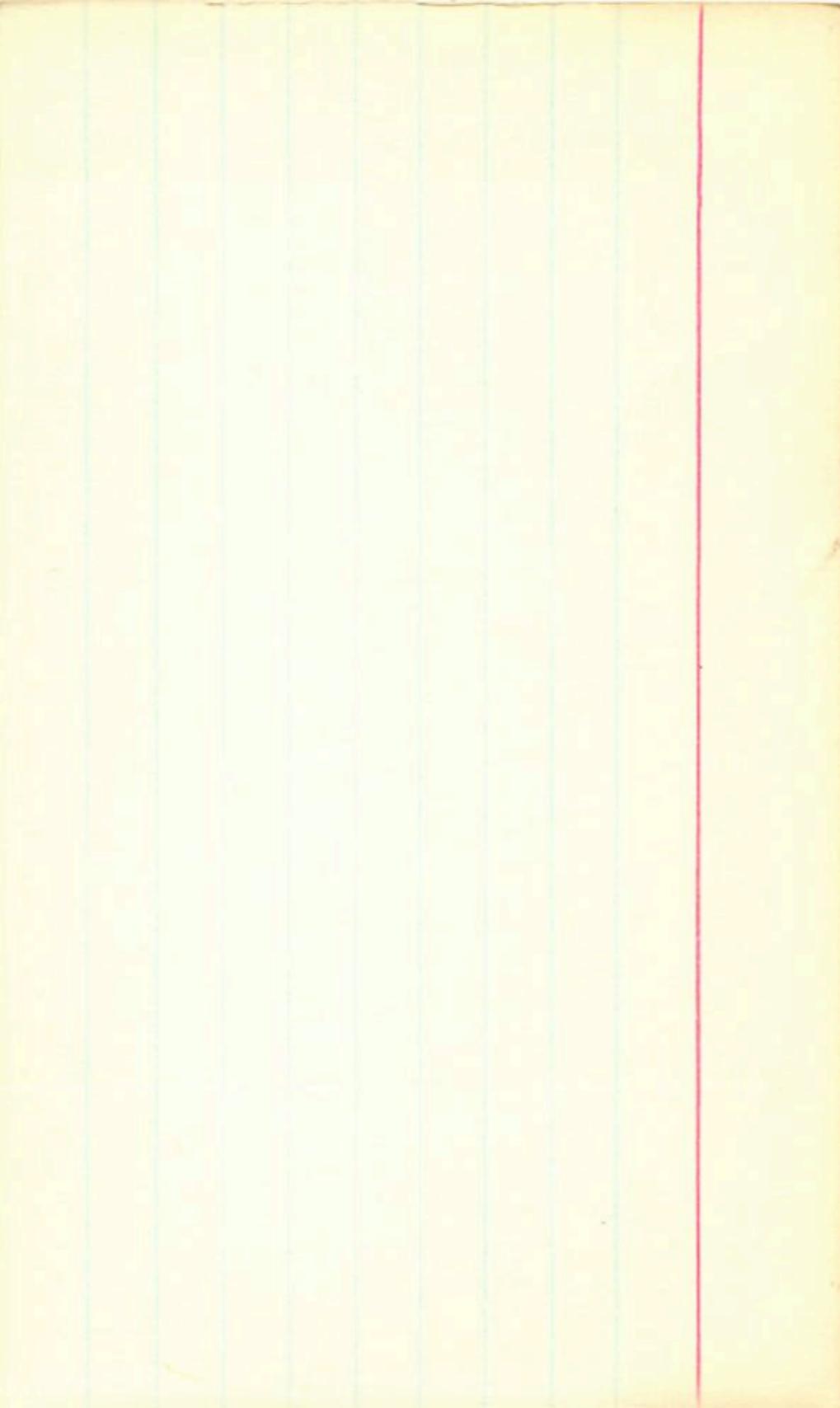


May

02 58 06 - 54 53 54 1/2

10.34 11.26 11.22 12.00pm  
10.35 11.30 11.22 11.24pm

9.44 10.615 10.603  
9.51 10.61  
9.44 " 10.60 " 10.67

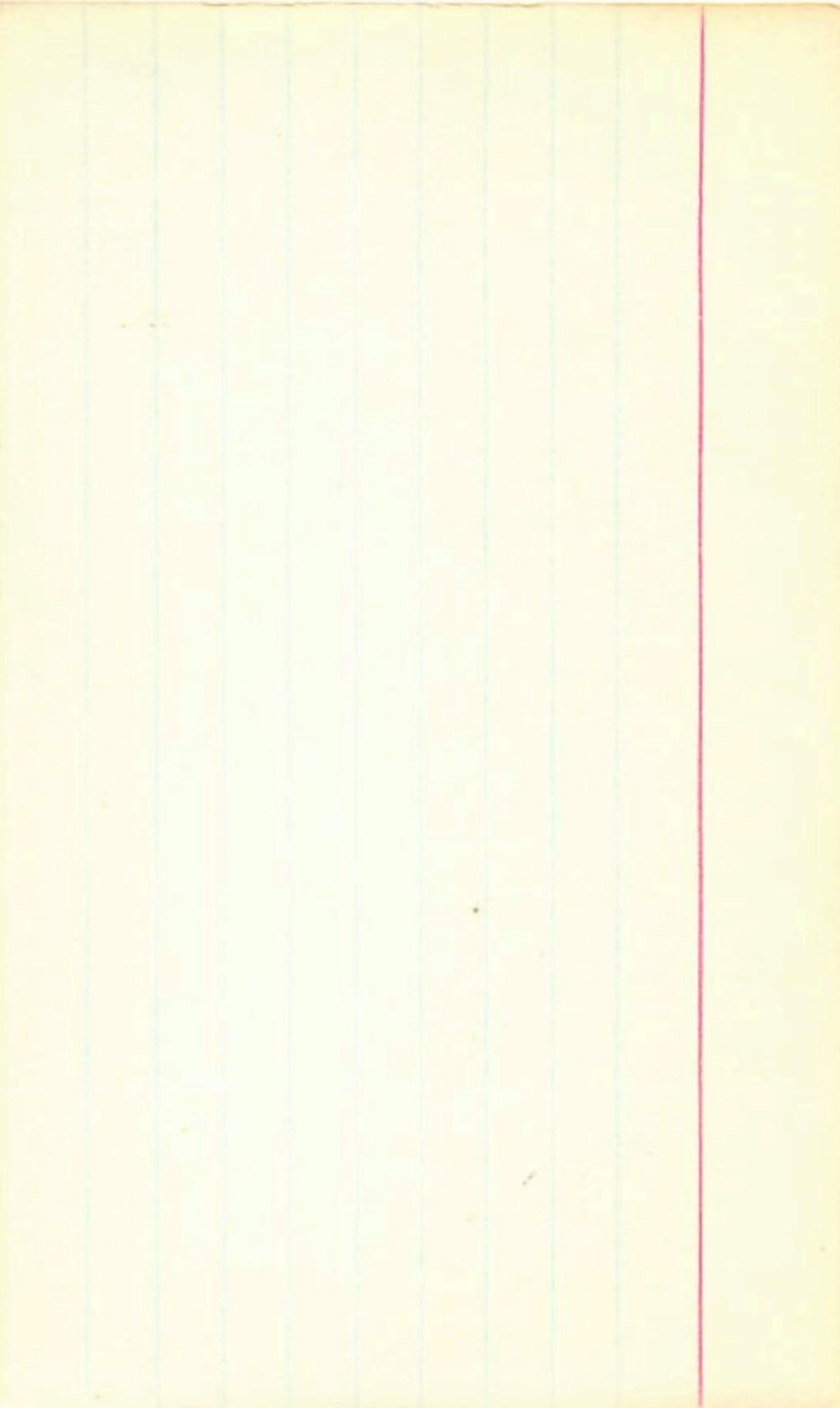


Much 03 07 40 -60 17.5 - 9.5 - 15.5

$$9.34 \frac{+1.225}{10.565} \quad 11.11 \frac{+1.215}{12.325} \quad 11.15 \frac{+1.215}{12.365}$$

$$8.56 \frac{+0.49}{8.95} \quad 13.67 \frac{+0.52}{14.19}$$

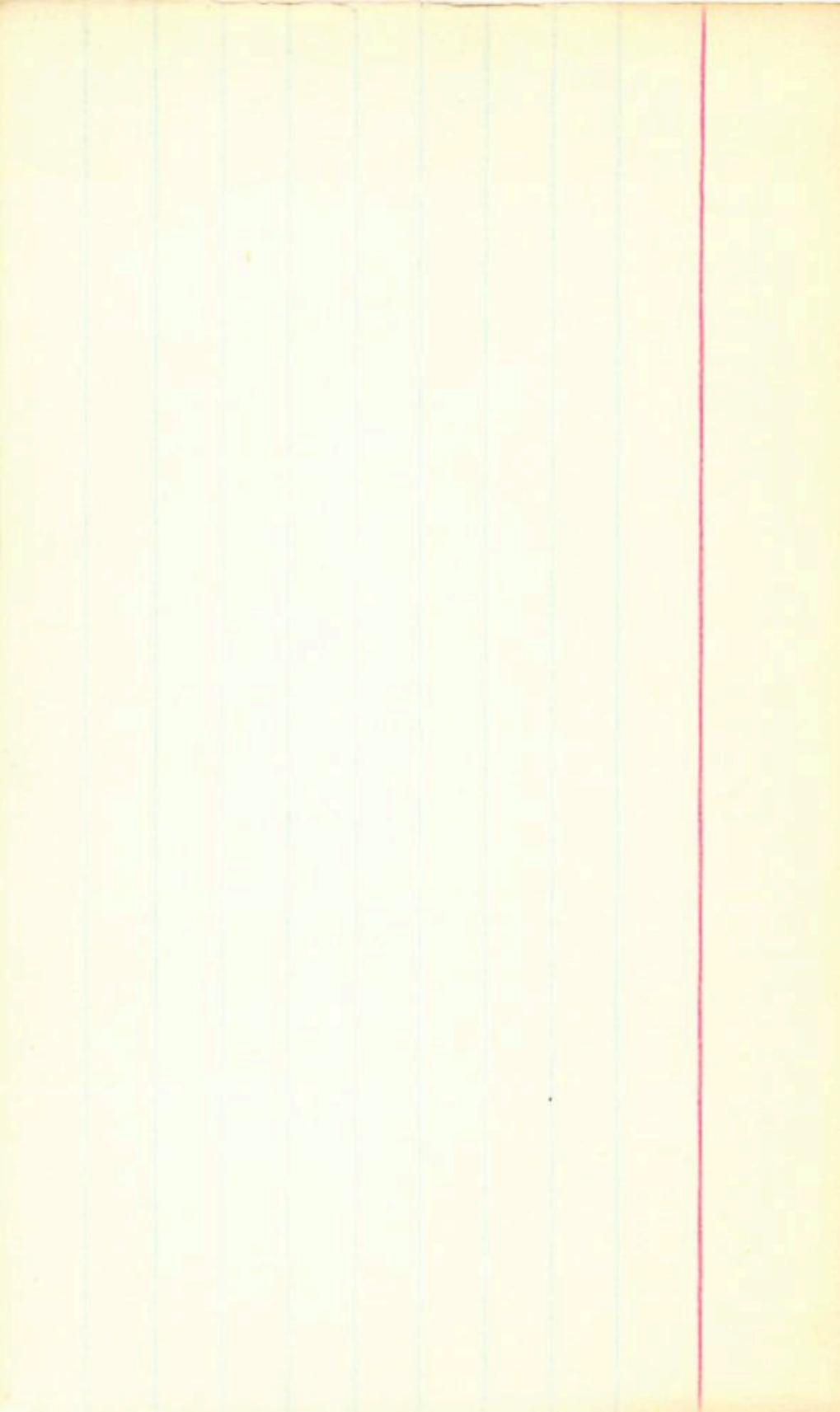
8.04  
11.4



2151 03 15 48 -20 48 8.9 1084

9.65 1108 1056 1200.1 23

9.06 10.40 1300.1  
8.65



U52 03 21 21 -30 15.5' 8.7 1055'

$$9.35 + 1.05 \cancel{+ 0.96} 8 \text{ m.v. 23}$$

$$\begin{array}{r} 8.70 + 0.41 \overset{13.61}{\cancel{+ 0.41}} \\ \underline{8.70} \quad \underline{+ 0.41} \quad \cancel{13.61} \\ 8.70 \quad + 0.41 \end{array}$$

M53

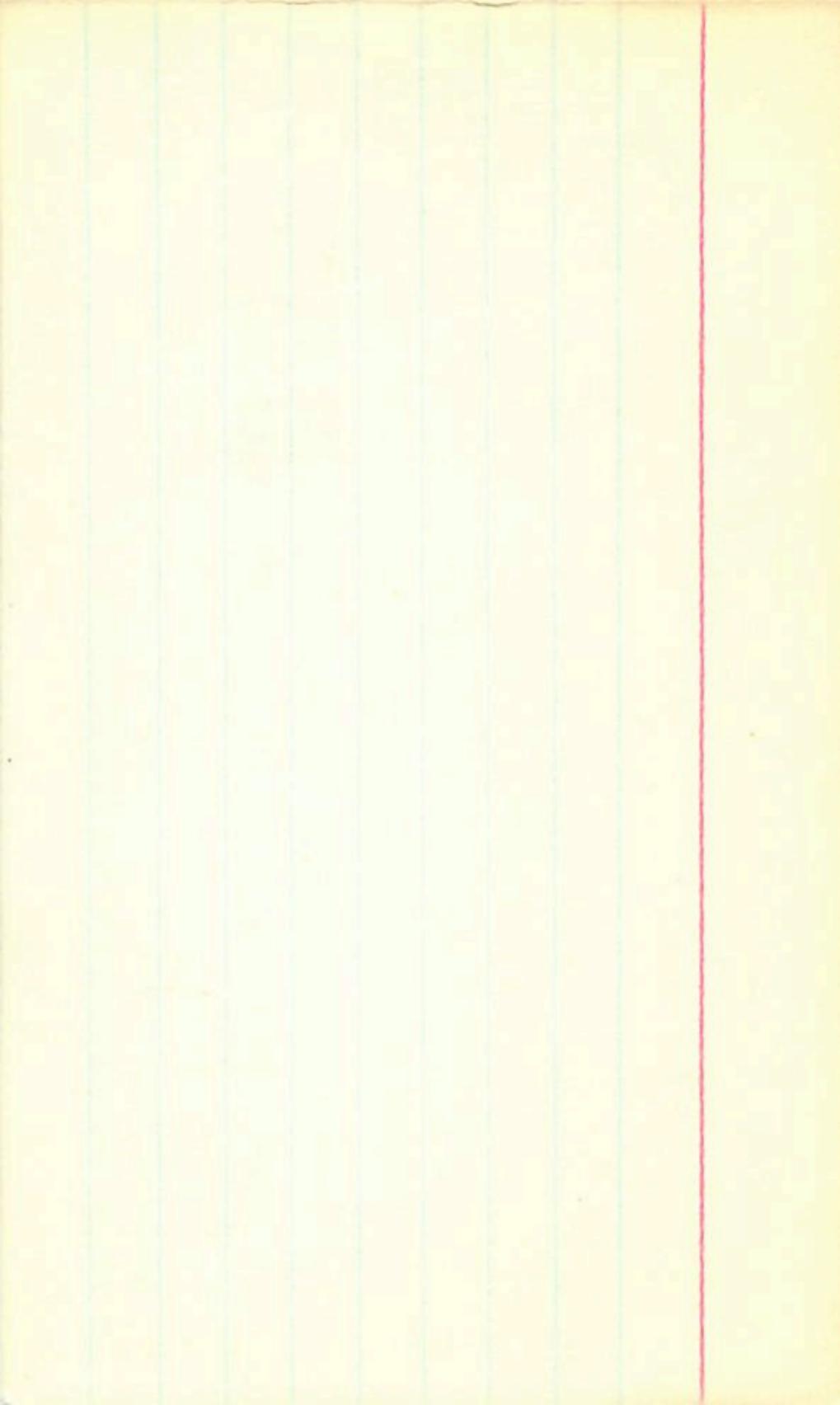
Chart ✓

MSL 0.3 33 45 -6 47 9 1 R22

10.57 +1.045 +0.82 12 Oct 23

10.50 +0.43 10 Oct 23

9.53 +0.93 +0.72 22 Nov 74  
9.56 +0.91 +0.76 22 Nov 74  
9.55 +0.64 +0.74 22 Nov 74



(Plant)

W55

03 26 11 - 8 32 9.1 145.2

$$\begin{array}{r} 9.74 \quad +1.465 \quad +1.77 \\ 9.74 \quad +1.475 \quad +1.80 \\ \hline 9.74 \quad +1.47 \quad +1.78 \end{array}$$

12.6873

8 mon 73

8-55 +0.57 136.2

156      3      24      21      -19      57      8.37      115.2

$$8.42 + 1.32 + 1.24 \textcircled{2}$$

$$7.62 + 0.55 \textcircled{3}$$

7.19

6.4

7.41  
70.1



450

14021167 3 23 20 -5 39 2.85 +116 <sup>4116</sup> <sub>R</sub>

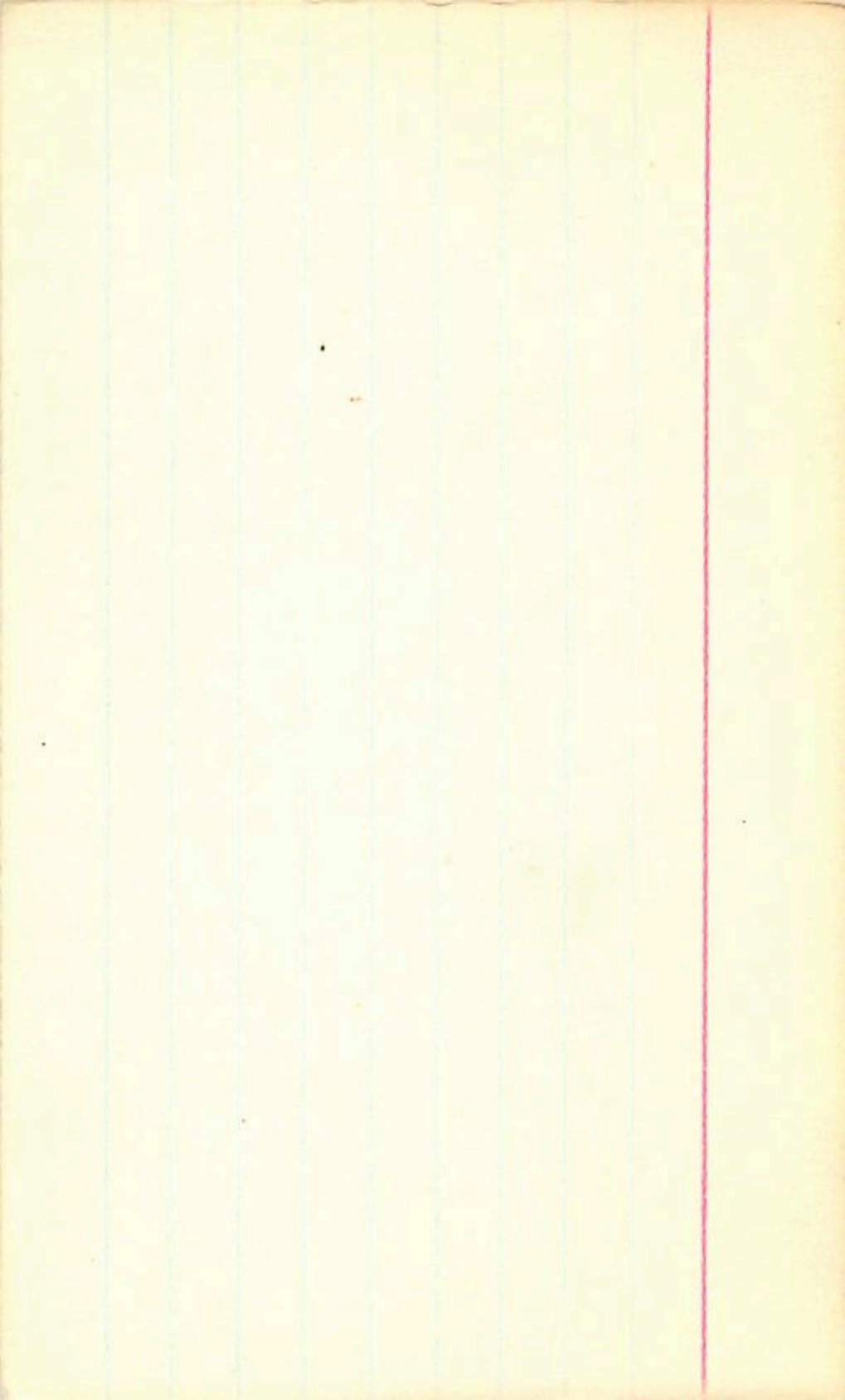
$$\begin{array}{r} 7.28 \\ 7.24 \\ 7.34 \end{array} \begin{array}{r} +10.435 \\ +0.38 \\ +0.34 \end{array} \begin{array}{r} 12.0174 \\ 8.51865 \\ 15.2849 \end{array}$$

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$$7.99 +10.385$$

Outflow <sup>312</sup>

7.94 +1.165' +1.095' 11.074



1157 03 24 09 -34 22 9.01±5.7

974 +0.97 +0.825 8 Nov 23

9.19 +0.35 13 Oct  
7.3

