

L-774836 12 38.1 -43 18 13.7 h

1.04

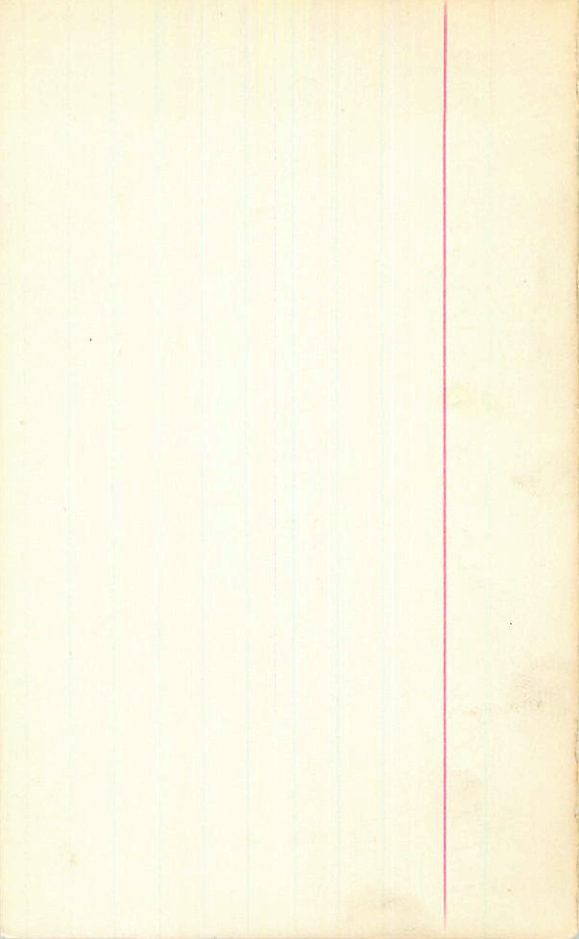
Wavy

(12.94 +1.01 +0.48 18 mar 63)

Chart

12.28 +1.75 - 22 Apr 68
(12.40) +1.76 - 28 Apr 68
12.21 +1.73 +1.39 3 May 68

12.24 +1.75 +1.39



Was?

4 Mar

110612 12 41 37 +10 16 2.34

746 6.29 +6.92 (4) down

6.33 +0.96 18 Mar 72

6.28 +0.88 15 Feb 69

~~6.18 +0.95 3 Apr 69~~

6.22 +0.93 29 Apr 69

7.47 +1.57 +1.81 17 Mar 72

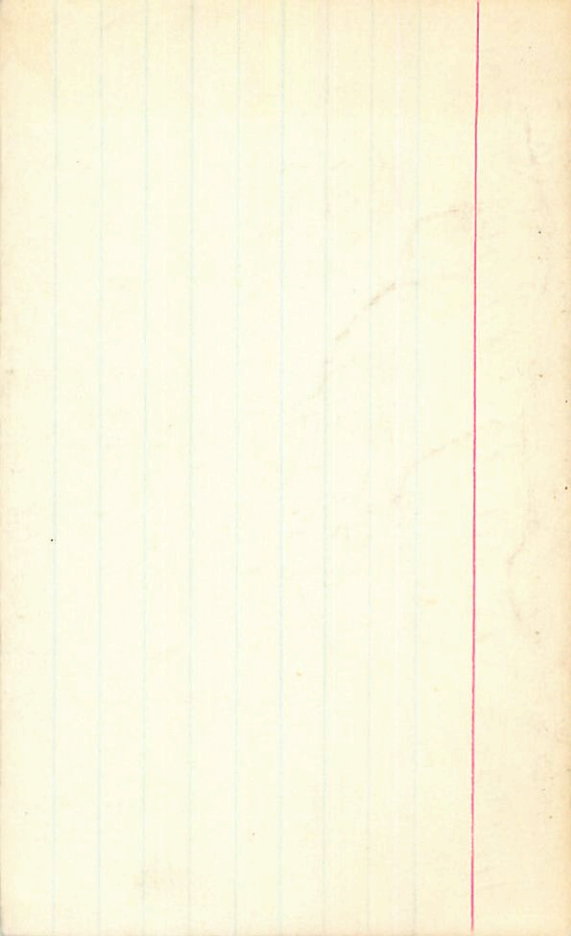
7.38 +1.67 +1.75 1962

7.43 +1.58 +1.75 25 Apr 69

7.44 +1.54 +1.84 26 Apr "

7.44 +1.59 +1.80

08.14 65.14 + 54.72
6.28 + 0.945



WFT 933

G60-24 12 34 00 +11 51 11.3 dmy

1-16

(1R) MB

37 2.3 49.5

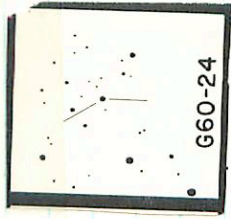
11.52 +1.47 +1.19 12 March

10.21 +1.05 29 July

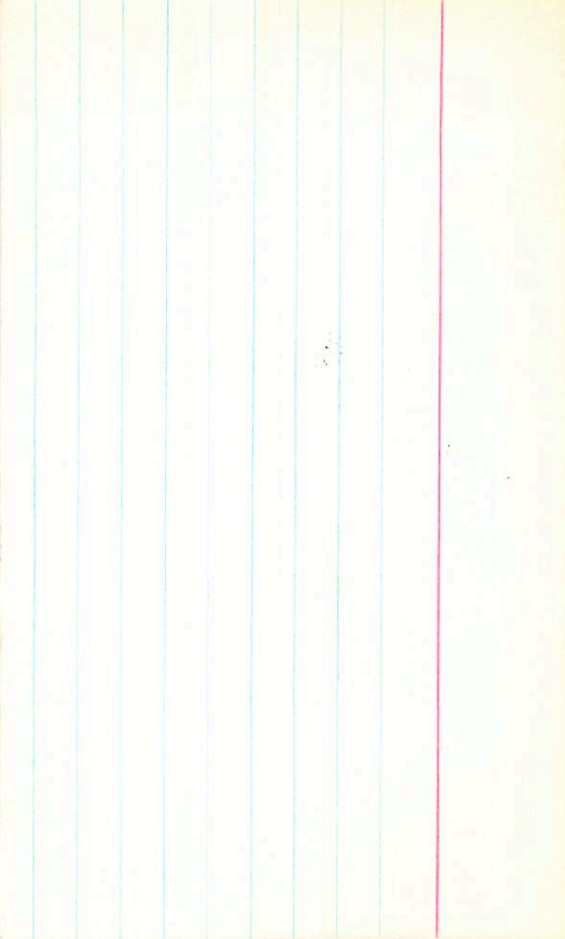
10.28 +1.065 25 April 40^h CT

10.19 +1.135 26 April

10.24 +1.08



G60-24



Way 630 //

110418

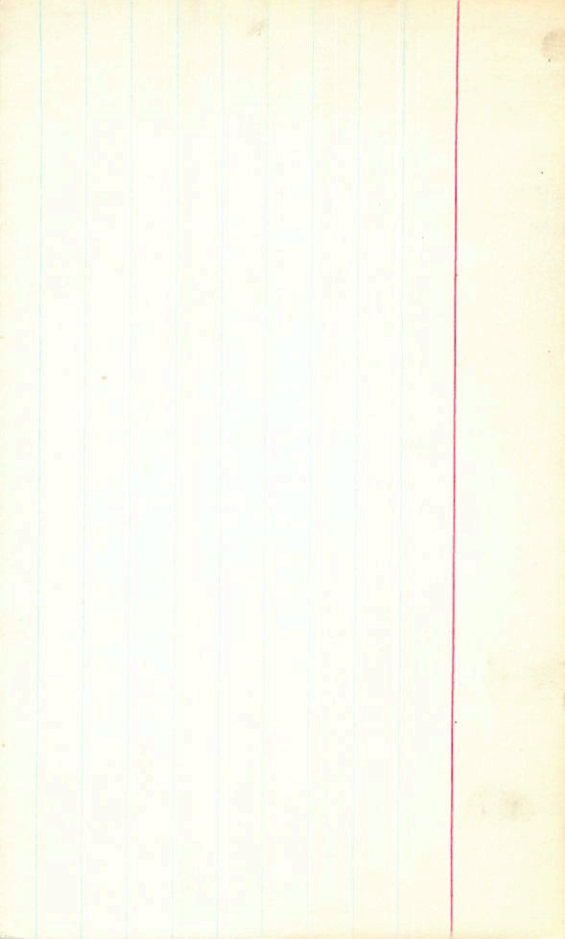
12

40 26

-7 21

7.2 gm

6.76	+1.58	+1.89	26.96	70	5.70	+0.78	²⁷ 26
<u>6.80</u>	+1.58	+1.86	11 mo 2		<u>5.80</u>	+0.78	²⁰ 20
6.76	+1.58	+1.875			5.75	+0.78	



9637 12 40.7 +10 22 8-09M3

See entch

7.34 +1.66 +1.50 29 June ~
7.45 +1.63 +2.04 6 July 62

7.40 +1.64 +1.52

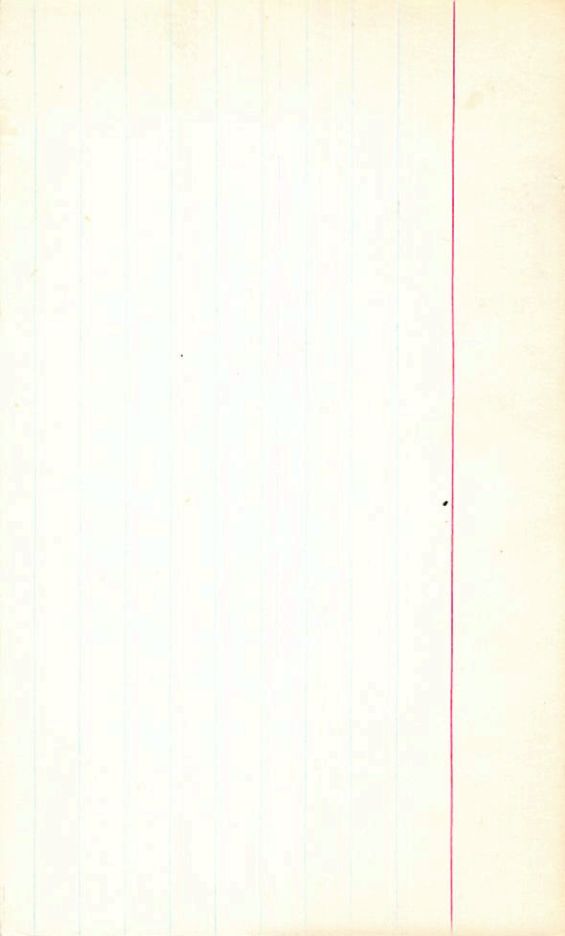
7.34 +1.54 +1.72 14 Apr 64

1264
5275

$$13.24 + 0.725 = 13.965$$

LTT 4896 12 45.3 - 65 06 13.86 0.24

$$\begin{array}{r} 12.81 \\ \underline{12.78} \\ 12.80 \end{array} \quad \begin{array}{r} +0.25 \\ +0.31 \\ \hline +0.28 \end{array} \quad \begin{array}{r} 4 \text{ Aug } 69 \\ 3 \text{ Aug } 69 \end{array}$$



UW?

110592

12 \$1 58

11 13- 7.1mm

2.08 +1.62 1.81 262470

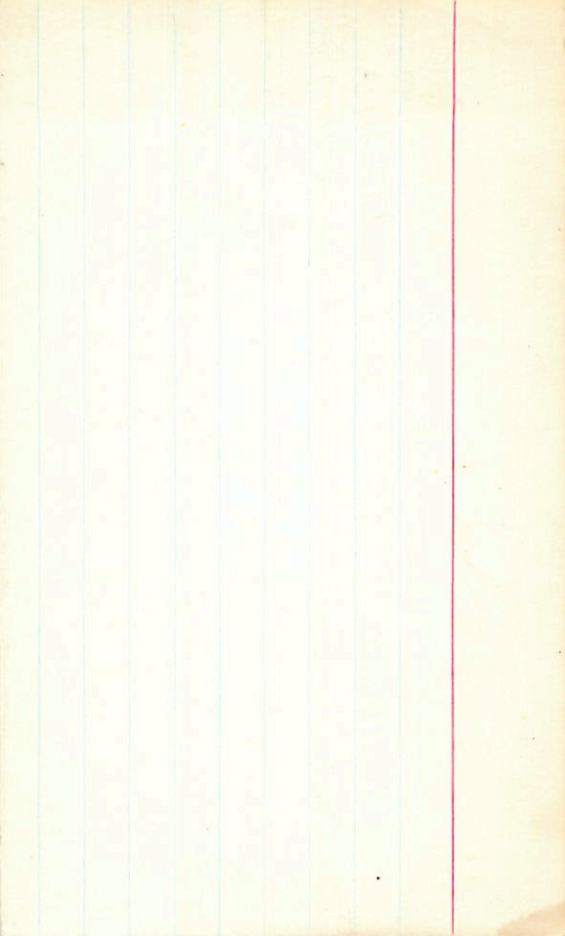
7.16 +1.60 +1.82 11mm

7.12 +1.61 +1.825

5.63 +1.085²⁷⁸

5.75 +1.07⁷⁰

5.69 +1.08



102756 12 46 12 + 01 21 9.5 d68

14mg70 9.61 + 0.965 + 0.66
18 9.59 + 0.965 + 0.67
9.60 + 0.965 + 0.665

9.16 + 0.355 29mg70

60-33

12

46 48

+ 9 48

15.4 + 2

.71

fly

N.

1356 + 1575 \rightarrow 6mg³⁶₇₅

LTT4896 12 45.3 -65 06 13.8a 0.24 "

~~13.10~~

13.25 +0.74 -0.10 13^{min} 47

13.23 +0.71 -0.08 16 " 4

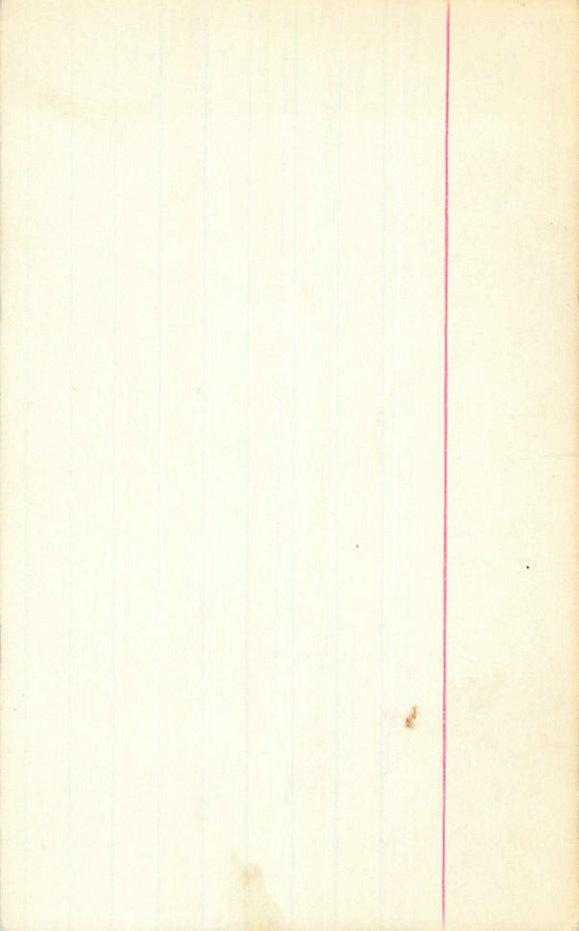
13.29 +0.725 -0.09

12.92 +67 +0.02 22 Apr 68

13.00 +66 -0.01 25 " "

13.10 +0.695 -0.04 (4)

(Chart)



1972

11499

6.86 +1.66 +1.66 425.06

6.83 +1.69 +1.65 426.02

6.89 5.20 +1.36 441.05

6.89 5.21 +1.33 442.01

6.86 +1.69 +1.63 20 Apr 72 4125

6.89 +1.65 +1.60 17 May 72 415

6.90 +1.64 +1.60 20 May 72

6.86 +1.69 +1.68 1472.03

6.85 +1.66 +1.70 1472.52

6.87 +1.68 +1.67 1474.50
+1.66 24 June 72

44305 6.79 +1.62 +1.64

44465 6.82 +1.69 +1.63

44505 6.85 +1.66 +1.63

386.12 6.86 5.18 +1.38

387.06 6.91 5.18 1.40

388.08 6.89 5.17 1.41

390.12 6.98 5.24 +1.40

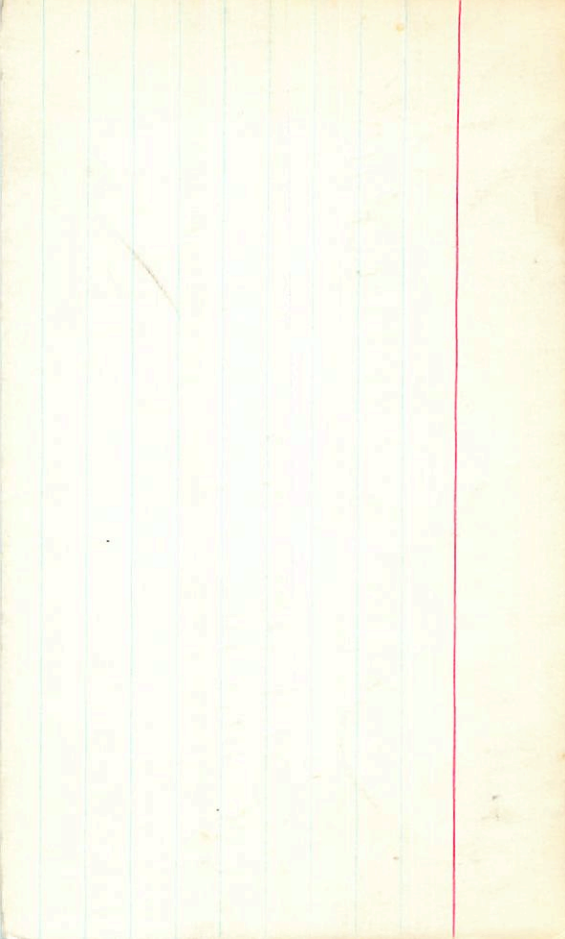
26 June 72 5.19 +1.365

27 June 72 5.21 +1.345

70d

111499 12 48 14 14 55 20gms

641 6.80	+1.70	+1.60	26 Feb 70	5.07	+1.34	27 Feb 70
657 7.03	+1.635	+1.558	11 Mar 70	5.20	+1.34	1 Mar 70
690 7.05	+1.66	+1.53	3 Apr 70	5.46	+1.39.5	4 Apr 70
683, 6.95	+1.685	+1.63	6 Apr 70	5.19	+1.35	7 Apr 70
705 6.81	+1.68	+1.675	28 Apr 70	5.19	+1.33	12 " "
721 7.01	+1.66	+1.63	14 May 70	5.12	+1.355	17 May 70
722 6.94	+1.65	+1.615	15 " "	5.29	+1.38	17 May 70



+2502564

12

46

50

+25

8

98188
122711

9.58 +1.06 +0.735 26 June 14

9.28

+0.32 - 27 June 14

14.25 + 1.08 + 0.02

LTT 4953 12 543 -49 41 147 R 0.45

328-123

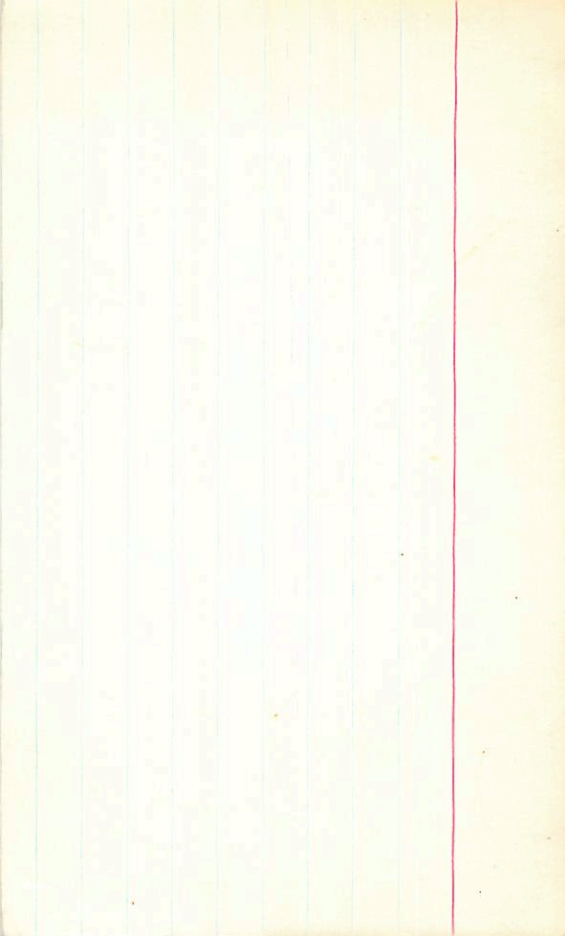
13.97 + 0.41 4 May 69

13.72 + 0.46 30 Apr 69

13.48

13.84 + 0.435

± 0.11 ± 0.025



117279

12

54

00

39

20904

6.91

+1545

+1.62

19 May 74

6.85

+1.555

(+1.91)

12 June 74

6.88

+1.535

+1.75

16 June 74

7.89

+1.514

+1.994

16 June 74

5.63

+1.12

13 Aug 74

5.58

+1.115

20 Aug 74

5.60

+1.12

LFT 4913

12 54.3

-45

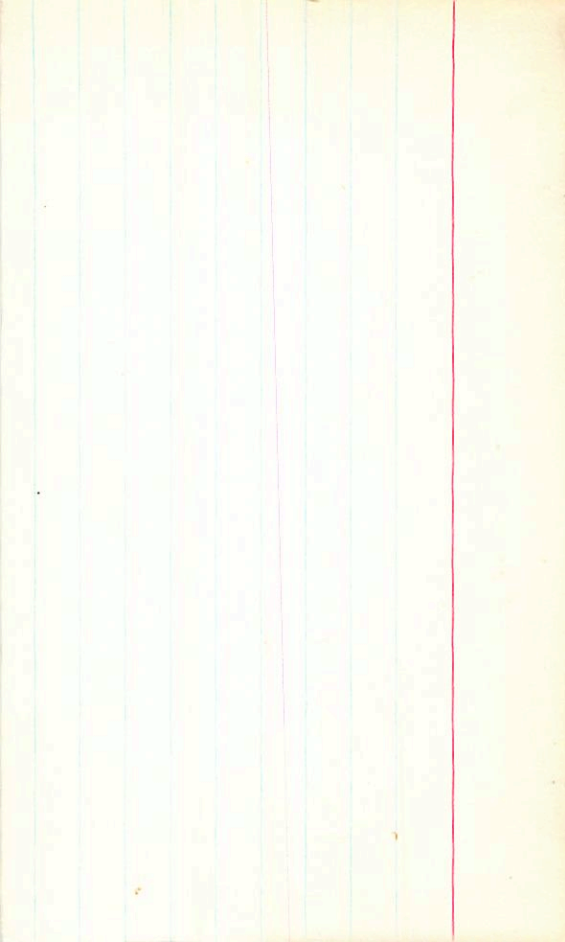
41

14.7

0.45

" 8960

13.48 +1.22 -1.01 24700071

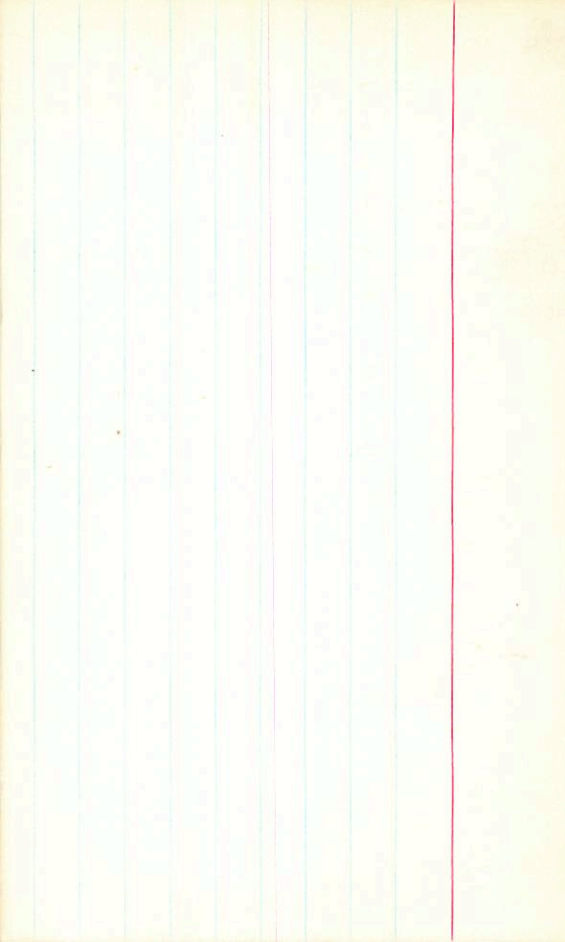


111980 12 5138 -18 21 8.38 +53

24 MAR 71 8.34 +55 -13

8.35 +0.535 -13

8.35 +54 -13



MS 115120 B

112575 ✓ 12 56 08 -14 18 9.1 +1.2

A

8.70 +0.415 6m24

112735

12 57

11

+22

12

7360

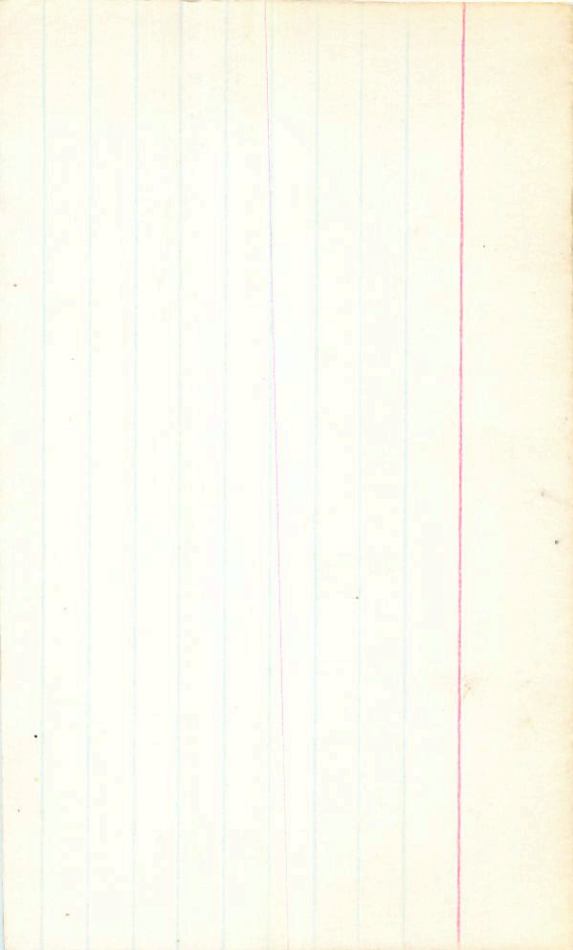
609600

$$7.24 + 0.56 + 0.09$$

$$206 - 10.16 = 206.72$$

$$7.09 + 0.185 = 7.275$$

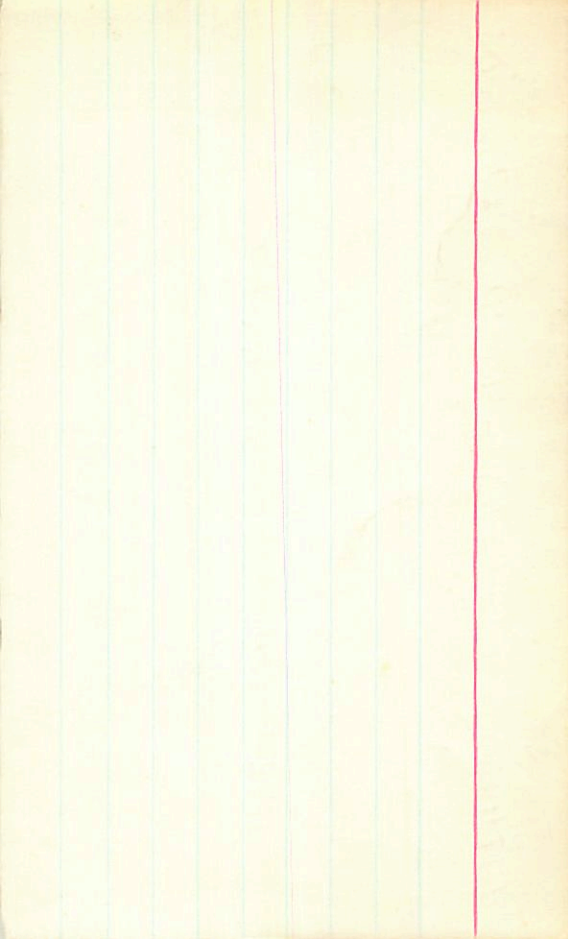
$$\frac{7.08}{70.175}$$



6774953 12 54.3 - 49 41 14260.45

328-123

14.25	+1.02	+0.56	3 mg 68
14.22	+1.11	+0.70	25 Apr 67
	+1.10	+0.60	27 Apr 67
<hr/>			
14.25	+1.08	+0.62	③



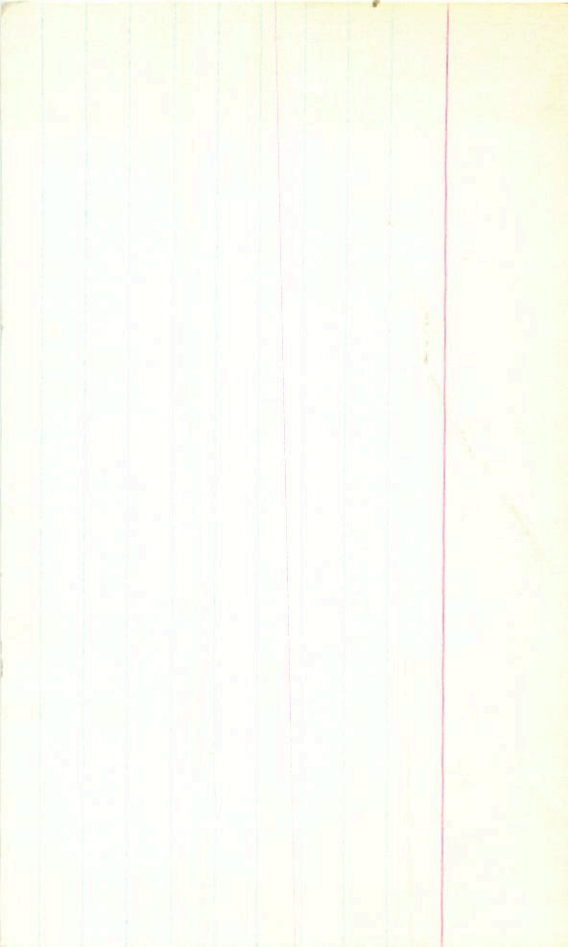
G-60-59 V₄₀₀ MV

9.9 MV

+1302618 12 59 19 +12 32

9.71 +1.405 (10.83) 29 Jun 74
9.72 +1.416 (11.08) 11 28 July
9.72 +1.45 +1.10

193
9.6 ✓ +0.885 5 26 July
(9.71 +0.84 10 26 July)
(8.57 +0.85 10 26 July)
8.64 +0.86



113101

13 00 00

(Red)

~~12 59 32~~ -8 16 9.02 +75

~~8.57 +0.215~~ 25 July 69

~~8.59 +0.225~~ 26 July 69

~~8.62 (+0.265)~~ 3 Apr 69

~~8.60 +0.235~~ 28 Apr

8.59 +0.225

8.96 +0.71 +0.07 515

8.97 +0.75 +0.22 25 Apr 69

9.02 +0.74 +0.25 Roman

8.96 +0.74 (+0.325) large

~~9.00 +0.745 +0.205~~

113083

12

59

43

-2712

8.03+0.55

✓
✓

8.08	+0.53	-0.11307 ²⁰
8.04	+0.535	-0.11431 ^m
8.06	+0.535	-0.125

113801

13 64 46 -19 53 8.580

8.05 + 0.365 20 Jan 72

8.14 + 0.38 JM

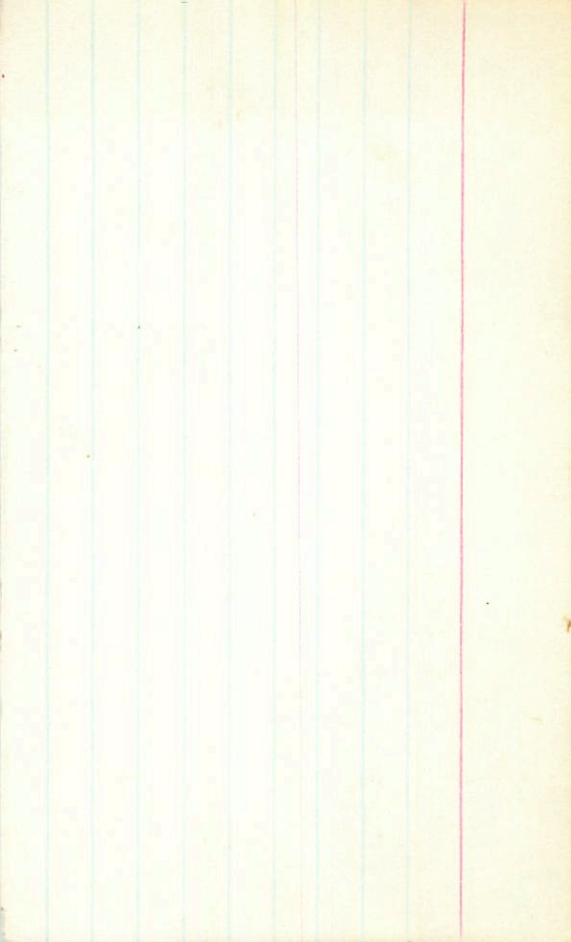
8.09 + 0.37

19 Jan 72 8.46 + 1.18 + 0.56

21 Jan 72 8.47 + 1.18 + 0.58

JM 8.52 + 1.17 + 0.55

8.47 + 1.18 + 0.57



151 ✓ ~~100~~ 1 Redayci

113538

= L FT 966

13 03 06 -52 14 9.05 +1.36

8.33 +0.565 30 Apr 70

8.31 +0.595 4 May 69

8.24 +0.59 3 Apr 69

8.21 +0.565 28 "

~~8.42 +0.59 1 May 70~~

8.30 +0.58 (5)

9.11 +1.34 +1.255

25 Apr 70 9.12 +1.335 +1.22

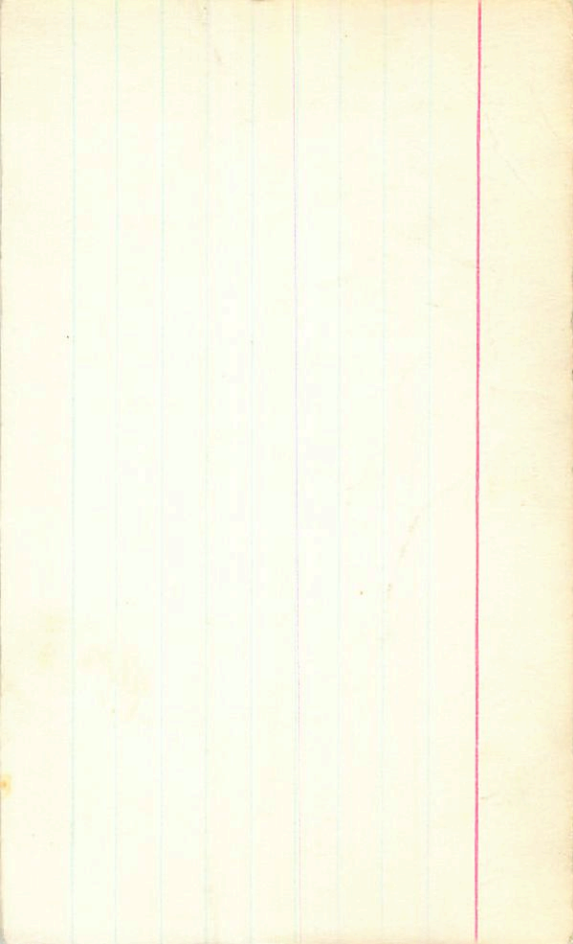
7 Jun 69 9.11 +1.34 +1.24

9.05 +1.36 cape

WD

G-14-24 13 00 17 -01 54.5 12.78 + 75 00

97			
	12.54	+0.325	✓ July 69
	12.22	+0.34	29 Dec 1968
	<u>12.21</u>	<u>+0.335</u>	30"
	12.32	+0.335	



ⓑ

HR4940

13 04 34 -48 15

47

10.8 + 0.82 12''

↘

~~10.90 + 0.62 22 Aug 74~~

Excellent seeing

Spreadsheet 10.49 + 0.34 13 Aug 74

10.14

5.67

5.7

7.11

4.5

5.6 5.6

10.66

5.6

5.3

10 10

113767 13 04 42 -49 30 8.44 +87

7.54 +0.335 4 Apr 70

7.87 +0.345 7 Apr 70

7.90 +0.34 (2)

~~8.20 +0.26 3 Apr 69~~

~~8.14 +0.235 28 Apr~~

~~8.22 +0.27 4 May~~

8.20 +0.255

7.58

8.44 +0.84 +0.38 5 May 69

7.84 (181)

Revised WOB + R

114095 ✓	13	06	44	07	05	8.36	+94
7.85	+0.39	7 Apr 70	7.78	+0.38			
7.92	+0.35	4 Apr 70	7.95	+0.37	28 Apr		
7.79	+0.38	11 Apr 70	7.82	+0.38	3 Apr 69		
7.82	+0.38	2 Apr 69	7.88	+0.375			
<u>7.82</u>	<u>+0.385</u>		7.88	+0.375			
8.33	+1.00		10.66	26 Feb 70			
8.34	+0.98		10.54	26 Apr			
8.34	+0.98		10.54	25 Apr 69			
8.35	+0.94		10.56	25 Sunday			
<u>8.34</u>	<u>+0.975</u>		<u>+0.55</u>				

miles

0.19

LDS432 13 04.0 -58 30 13.0 59" NP

14.8

S 11.70 +0.93 +0.57 25 July
14.68

11.51 +0.34 27 July 69
11.49 +0.37 13 Feb 70
11.50 +0.355

28

11.22

502

10.60

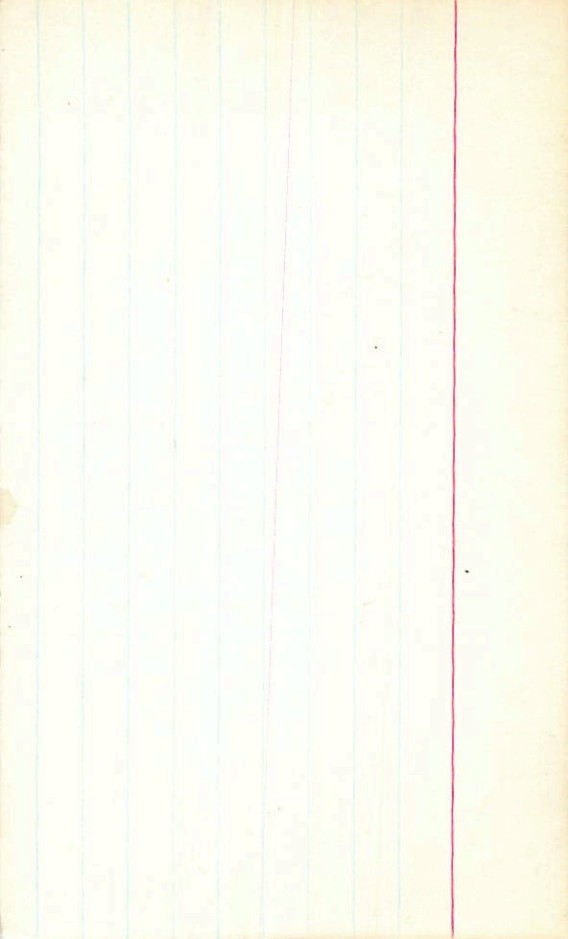
N 12.32 +0.30 +0.26 25 July
14.58

71

12.08

12.18

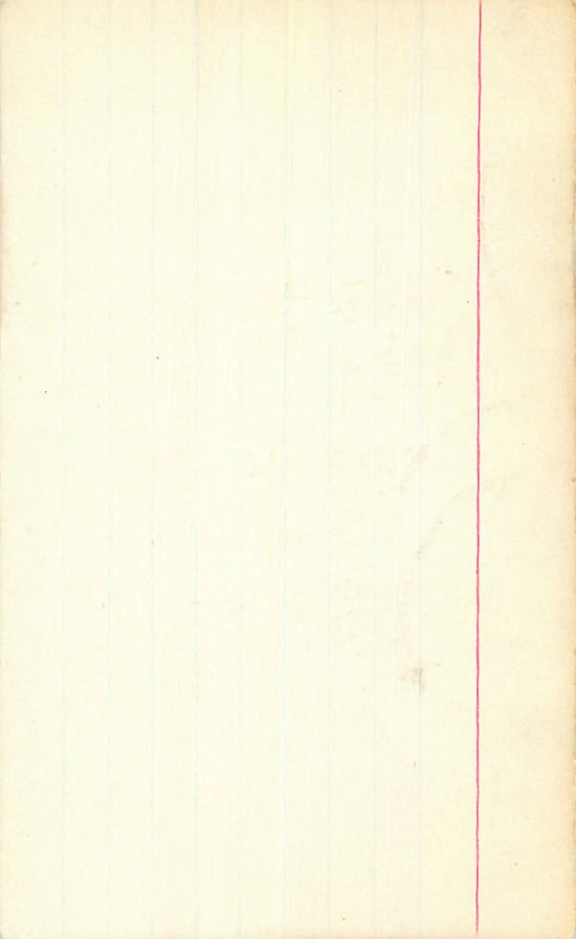
13.65 +0.11 27 July 69
12.64 +0.14 13 Feb 70
12.66 +0.125



114260 13 07 50 -22 00 7:50 +75

7.07 +0.25 1 Mar 70
7.17 +0.23 2 Apr 67
7.04 +0.26 3 Apr 67
7.09 +0.25

7.36 +0.74 +0.22 26 Apr 69
7.36 +0.73 (+0.27) Cape
7.36 +0.735 +0.24



114174 13 07 18 +05 22 6.9 dG6

6.87 + 0.68 + 0.215 14mg 70

6.83 + 0.67 + 0.20 28mg 70

6.82 + 0.67 + 0.20 30 " "

6.84 + 0.67 + 0.205 (3)

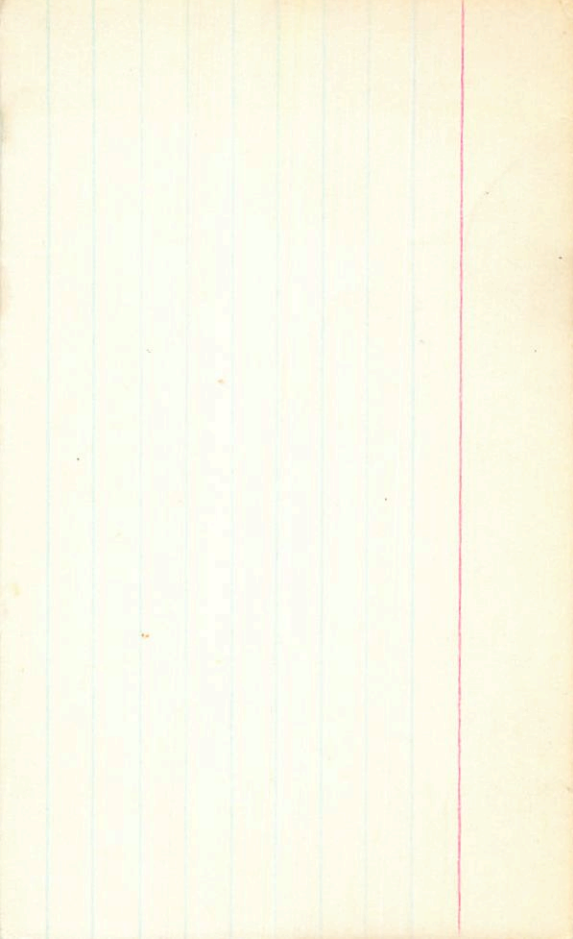
6.79 + 0.65 + 0.17 (4) N

6.81 + 0.66 + 0.195 (5)

6.46 + 0.24 27mg 70

6.44 + 0.235 29mg 70

6.45 + 0.24



62-15

13 07

11

+8

14

170 +4

1.08

1384

1374

1382

+1.325 1500.24

+1.325 2200.74

+1.325

1

661-35

13 08 29 +22 41

N 35

37.5

LFT574

14.3 +2 1.20

13.5 k 1.13

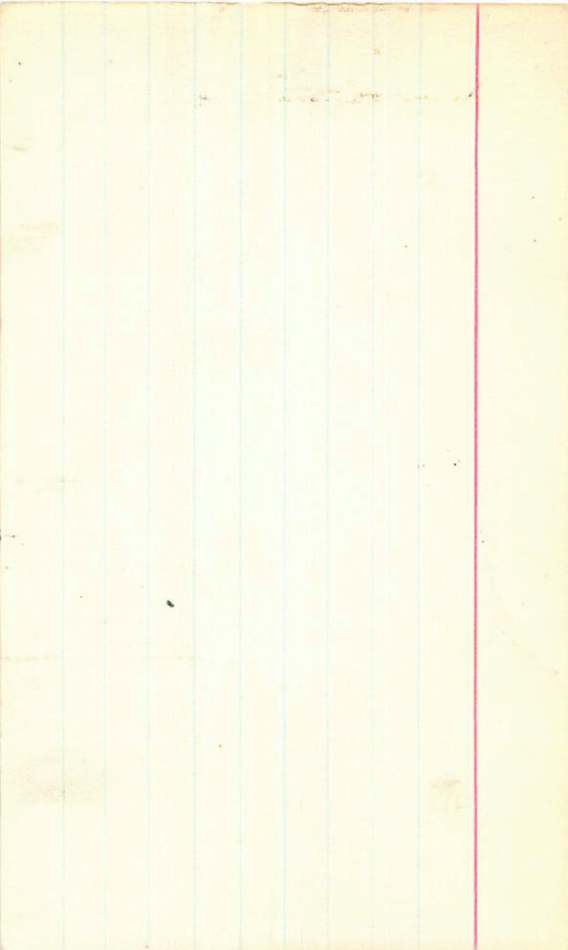
E

000"

12.45 + 1.12 + 0.82

12.45	+ 1.07	+ 0.94
<u>12.45</u>	<u>+ 1.10</u>	<u>+ 0.84</u>
12.45		

260000



Arctium ?

114307 13 08 00 417 38 8.7gms

8.26 +1.505
8.27 +1.814
8.26 +1.465

+1.835 19mg 74
+1.84 26mg 74
+1.84

7.49 +0.655 27mg 74
7.52 +0.635 13mg 74
7.50 +0.645

114 993 13 09 15 51 50 256 1411
7.2 9.152

7.11 7.115 70.58 197 May 74
7.11 7.113 70.58 26 June 74
7.11 7.114 70.58

6.63 70.40 27 June 74

114692 13 10 54 -34 35 77840.51

✓

9.65 +0.275 27mg 70
9.63 +0.275 29mg 70
9.64

10^m 141 31 " 90

9.85 +0.77 +0.25 30mg 70
9.79 +0.78 +0.23 24 June 70
9.82 +0.775 +0.24

1 001

2 003

3 01

4 03

5 1

6 13

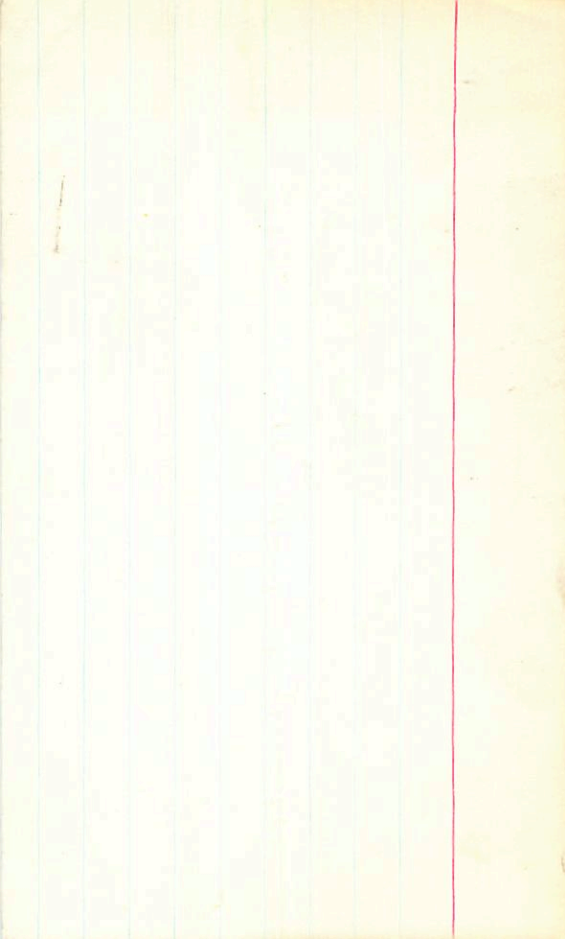
7 10

0.031

1/4662 13 10 34 -20 43 8.0(c) Ro

7.59 +1.20 +1.07 152471
7.61 +1.125 +1.03 14mar71
7.61 +1.18 +0.97 247mar71

7.24 +0.42 212671
7.12 +0.43 127mar71
7.13 +0.42 257mar71



G14-39

13 12 44

- 3 55

12.44 + 45

12.44
- 3.55

12.41

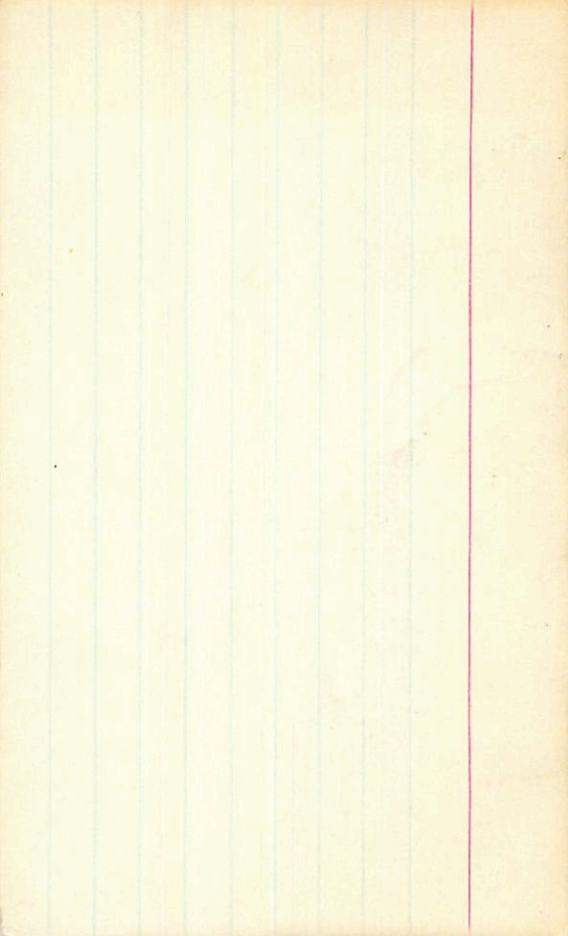
12.40

12.40
± 0.005

+ 0.37 15 21 69

+ 0.33 5 11 69

+ 0.35 ± 0.20



u.w. ki (1.8)

8.9 V M 130716

X

115122 13 13 02 -17 21

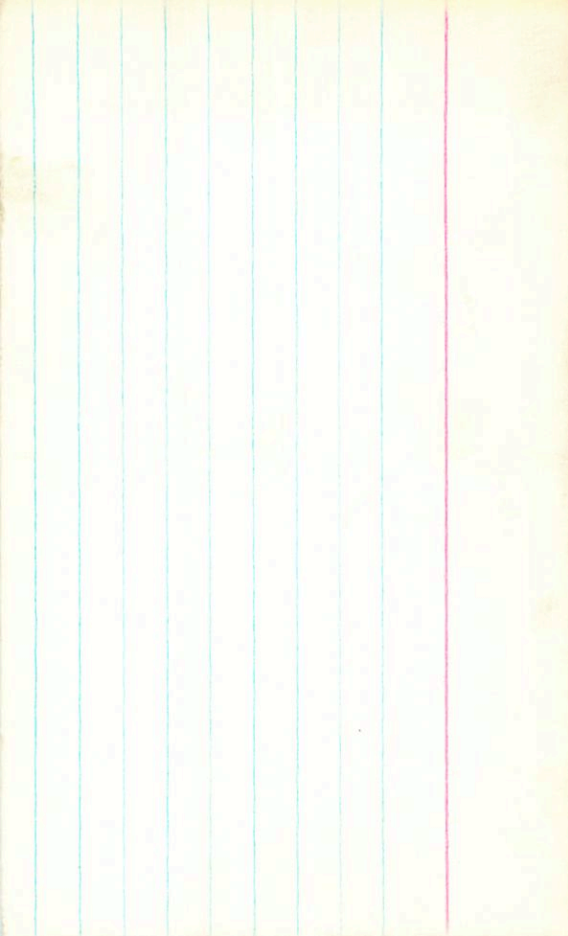
82 -51

899-546+941 704 2.325 25 Aug 1900
 898-526 912 -22 2.314 21 April
9.02 -537 929 -15 2.324 22 April
 9.0 -536 927 -30 2322 (3)

4.2

161 198 993

193 861



125 III

40114960

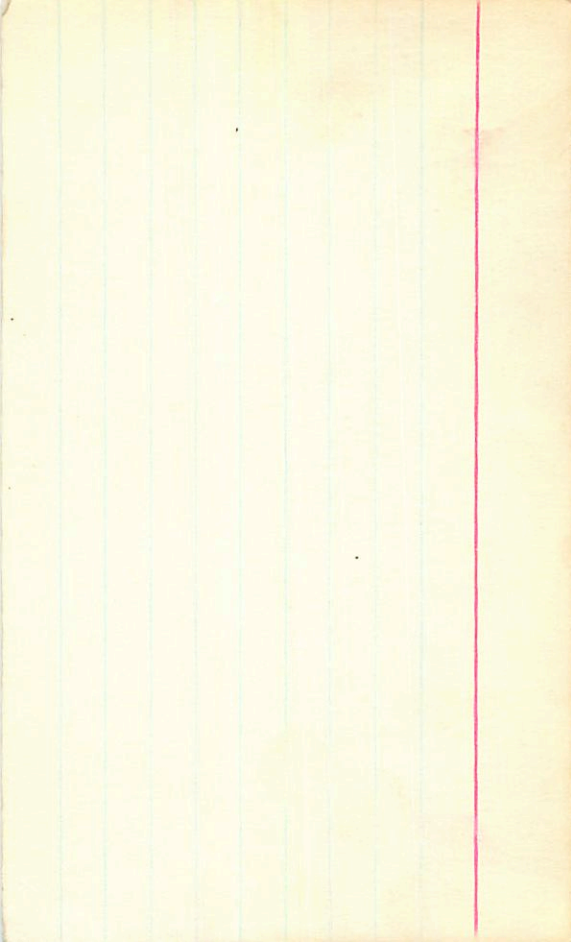
13 12 14 + 01 38

6.59 11.40

6.60 + 1.40 + 1.70

5.70	+ 0.54	26 Jan 69
5.71	+ 0.54	3 Apr 69
<u>5.70</u>	+ 0.54	

54
5372
4660



LTT 5074

13 11.9 -3 50 13.7g

0.5F

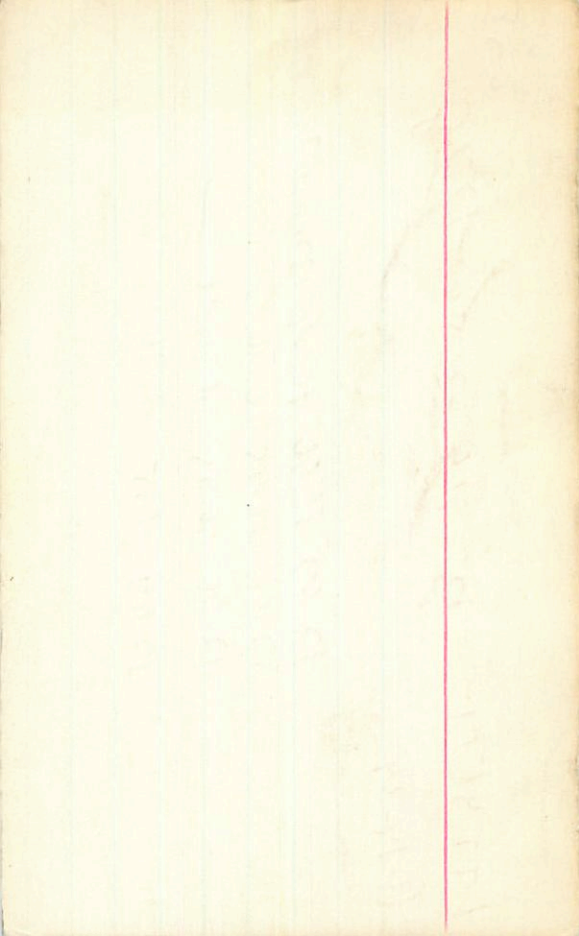
B-14-34

12.97 10.96 10.29 13 mar 67

12.96 10.95 10.36 9 "

12.90 10.95 10.26 4 "

12.94 10.95 10.30



115062

12 13 08 - 10 12

22gms

$6.94 + 1.56 = 8.50$
 $8.50 + 1.59 = 10.09$
 $10.09 + 1.87 = 11.96$
 $11.96 + 1.87 = 13.83$

Oct 7E
 Nov 11
 Nov 20

$5.95 + 0.74 = 6.69$
 $6.69 + 0.74 = 7.43$
 $7.43 + 0.74 = 8.17$

Dec 70
 Jan 1872

5.95
 5.95
 5.95

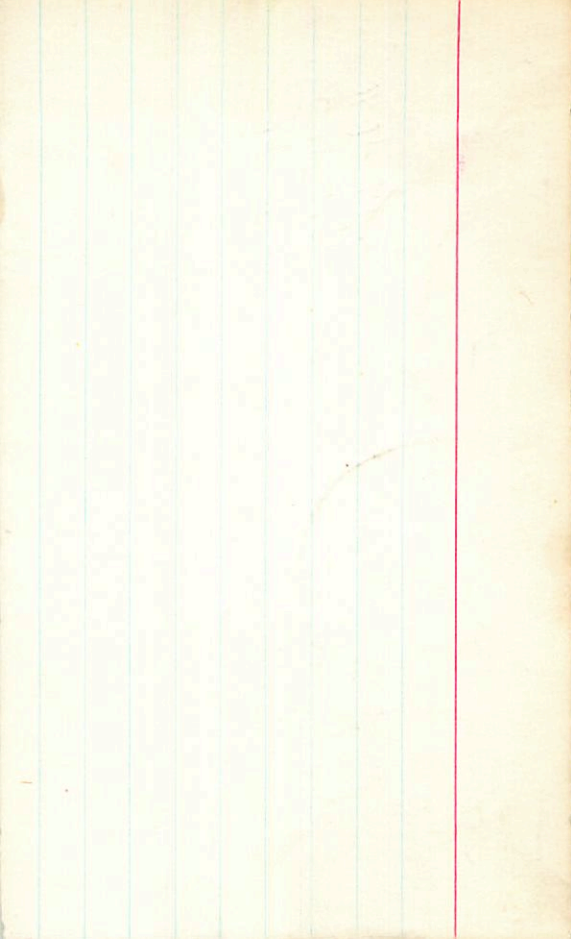
4 17

20

850

373

747



115466

13

15

43

-10

22

6.84 + 0.32

✓

307mg 70

312mg 70

6.92

6.90

+0.355

+0.345

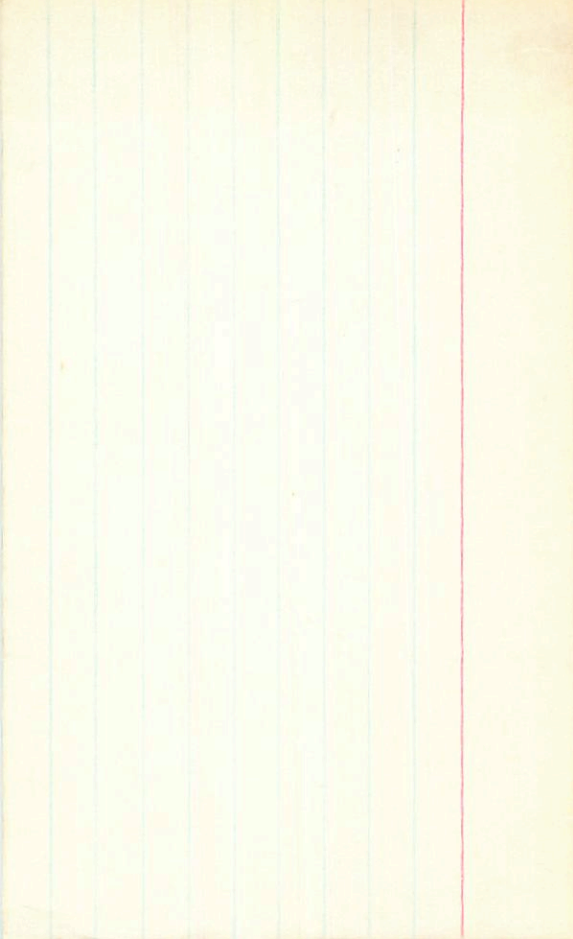
70.05

70.07

70.045

70.35

6.91



1 Dec

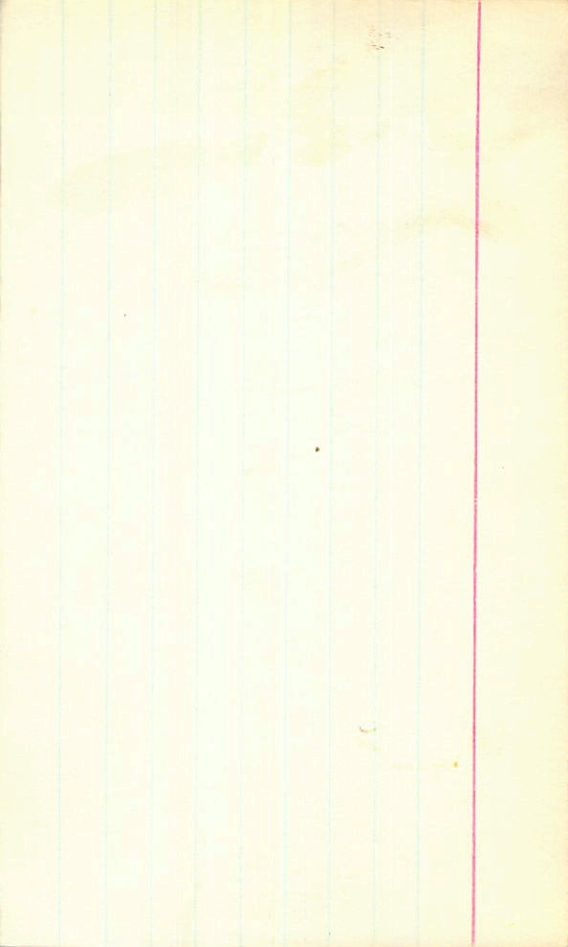
HD 15585 13 17 28 -70 41 742 475

7.42 + 0.72 + 0.35 31 Jan 70
2.43 + 0.75 + 0.89 9 Feb 70
2.42 + 0.4 + 0.37

+ 0.205 28 Apr 69
~~+ 0.21~~ 4 May 69
+ 0.21 21.5

7.27
7.27
7.27

6.87 + 0.29 27 Apr 70
6.95 + 0.27 4 Apr 70
6.91 + 0.275 7 Apr 70
6.91 + 0.28 (3)

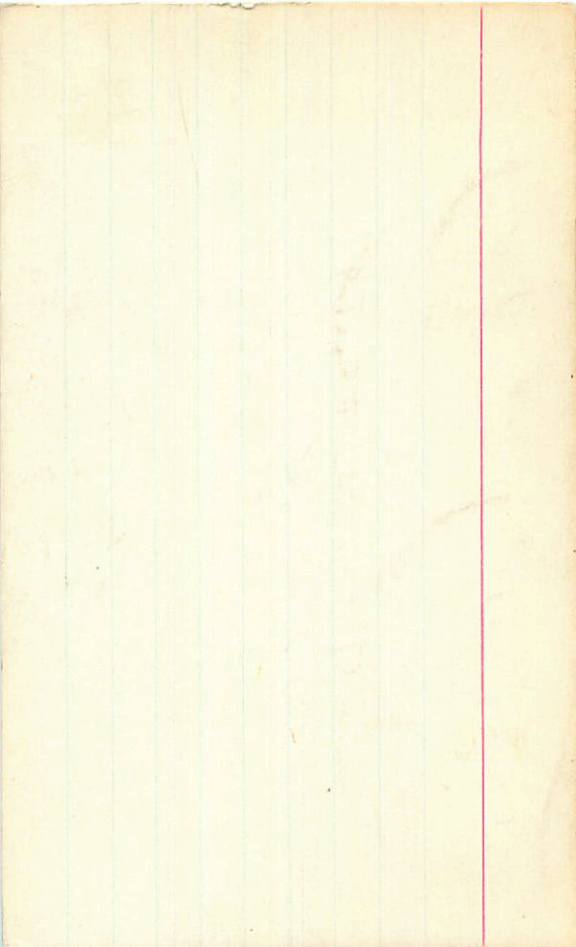


-220 3557 13 17 20 -22 51 10.24170

~~(9.91 +0.73 2 Apr 69)~~
~~10/02 +0.295 29 Apr 69~~
~~10.03 +0.285 4 May 69~~

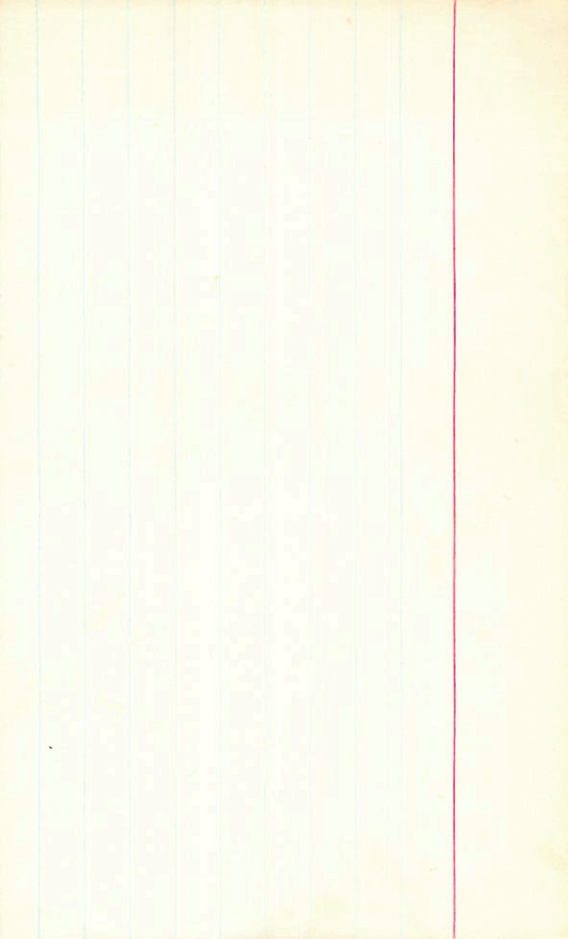
9.84 +0.335 7 Apr 70
9.89 +0.325 12 "
9.86 +0.333 ②

3 Apr 70 10.24 +0.785 +0.335
26 Apr 70 10.21 +0.87 +0.40
11 May 70 10.24 +0.87 +0.30
6 Apr 70 10.30 +0.82 +0.345
10.30 +0.93 +0.345
④ 10.26 +0.93 +0.345



AD 116226 13 17.1 -48 02 6.42871D

6.36 -0.10 -0.42 5mg69



16664 13 19 49 -39 08 8.78 +0.46

✓✓

$$\begin{array}{r} 8.87 +0.465 -0.143070 \\ \hline 8.80 +0.45 -0.223178 \\ \hline 8.82 +0.46 -0.205 \end{array}$$

HD116269 13 21 24 -49 51 10.5 89

10.19 +0.015 -0.22 25 Apr 69

10.20 +0.02 -0.20 24

10.21 +0.02 -0.21

