

A058320 // 48.4 + 12 33 15)0

6.5 A3 } 15"

11.0 } A 6.44 + 0.27 + 0.09 100 22662
6.40 + 0.28 + 0.06

B

12.38 + 1.43 ~~100~~ 100 22662
11.78 + 1.45 + 1.33 200 June 8 62
11.51 + 1.51 + 1.75 " 9

6176-59 11 48.2 + 45 46 14.5 + 3
Van

15.53 + 1.74 - 27 Jan 56 900"
15.60 + 1.84 + 1.25 24 " " "

L1405-40

11 47.7 +25 35 1950

15.58 +0.22 -0.51 200" Dec 63

15.64 +0.22 -0.64 5 May 600'

A (15.56 +0.15: -0.51!) 10 number

15.60 +0.23 -0.58 100" 3 May

* 15.49 +0.25 -0.59 " 4"

15.55 +0.23 -0.60

B 15.49 +1.49 +0.72 Dec 63 200' 100

15.76 +1.15 +0.42 10 Mar 62

15.56 +1.49 +0.66 22 Apr 63 200'

15.58 +1.42 +0.44 3 May 100

15.52 +1.41 +0.80 5 May

15.54 +1.41 " 13

6176-59 +0.79 40.11 12.14 152666.000"
(+0.71 +0.26 11.92) 244766.100"

118617 50.7 +31.58 1500 F2 11.6

SST 48

11.79 +0.54 -0.17 237163100

-100

-076

DD58327 11 46.4 +907 8.11.10 255,
8.7.75

10" }
7.39 +0.94 +0.71 12 Dec 63 100"
7.38 +1.00 +0.71 13 " "
7.42 +0.98 +0.69 23 Dec 63 200"
7.40 7.97 7.070

7.93 +0.46 +0.03 12 Dec 63 100"
7.92 +0.50 +0.03 13 " " "

7.95 +0.49 +0.01 23 " " 200"
7.93 7.049 7.002

LTT 13267 11 48.8 +12 05 20 12

+12 02 38 8

7.10 +0.46 -0.02 207663100⁴

ADS8344 // 52.0 +72 09 1943 7.5 FS

7.51	+0.51	+0.05	12 Jan 64 2000 ²
7.62	+0.46	+0.03	28 Jan 64 60 ⁹
7.63	+0.45	+0.01	30 Jan 64 .. ²

F51 11 51.7 718 53 1950 BS

10.19-0.08 -0.42 26 Dec 62 1024
10.20-0.10 -0.41 27 " " "

21058337

11 51.5

+73 59.83

6.8128

6.71 +0.63 +0.15 12~~7~~ June 4 2008

6.84 +0.57 +0.15 28 " " 609

6.88 +0.55 +0.14 30 " " "

53.6

42

Rhimata 87

11

+33 27 19850

10.62 +0.25 -0.5 Ap 1/2 hr.

+3302171

55I209

10.58 +0.31 -0.12 237663

μ_2

-0.228

10.60 +29-08

μ_3 -0.107

μ_3

8352

11 53.9 +22 13

4

16 1550

8.06 +0.50 +0.07 28 Dec 2000
8.07 +0.52 +0.07 29 " "

9.64 +0.57 +0.09 28 Dec 2000
9.65 +0.59 +0.08 29 " "

W 718314 14 52.0 +19 42

8.22 40.71 +0.21 19 Jun 64 100"

8.43 40.76 +0.27

AGUir 11 58.5- 40 17

W7224

8.49 +0.24 +0.07 20 Feb 2008

8.42 +0.28 +0.06 21 " "

8.62 +0.30 +0.03 23 " "

8.85 +0.31 +0.05 26 " "

8.49 +0.30 +0.06 22 Apr 2008

+52° 1600 2071 11 57.9 +51 50 } "17"
1962 8.6 }
2931 10

+50° 1881 11 58.5 +49 48

DDS }
549 }
A 9.20 +51 -06 16 mm
B 9.20 +44 -07

B 11.30 +86 +39 16 mm
11.32 +82 +40

C 8.69 +52 -02

Oliver Watson

657-29 11 54.2 +18 39 1550

15.57 + 0.26 = 0.59 4 March 2007
15.52 + 0.33 = 0.60 5 " "
15.54 40.30 = 0.60

	16.09	+0.61	+0.02	13 ^{pm}
121-41M	16.03	+0.60	+0.04	5 March 2009

Q	14.64	+0.65	+0.10	" "
	14.70	+0.68	+0.09	13 ^{pm}
1+	15.29	+0.61	-0.10	" "
S	15.72	+0.88	+0.58	" "
O	15.66	+0.70	+0.12	" "
Z	14.13	+0.99	+0.57	" "

G121-41 G.P. SA 56
11 59.7 +28 40 1943

-41	12.49	+1.34	+1.05	12 Jan 64 200"
	12.42	+1.37	+1.06	5 Mar 64 200"
A	14.42	+0.72	+0.26	13 June,
	14.33	+0.76	+0.33	" "
B	13.40	+0.77	+0.37	14 June,
	13.33	+0.76	+0.30	" "
X	15.97	+1.00	+0.78	" "
C	14.00	+1.00	+1.00	" "
D	15.64	+0.76	+0.36	" "
	15.71	+0.72	+0.33	14 June,
E	15.39	+0.90	+0.57	" "
F	13.95	+0.91	+0.35	" "

F56

12 0.41 +11 5-7

1950

B5

11.00 -0.14 -0.54 37662

11.03 -0.11 -0.55 268602

11.08 -0.11 -0.54 27 " " 100

ADS849 (2 040 + 68 56 7-11-9 '93

7.15 +0.45 +0.03 28 June 64 600
7.15 +0.37 +0.06 29 " " 2

7.15 +0.41 +0.04

AD5841.3

12

03.0

169

04

1950

NOV

7.35

+1.09

+0.89

Jan 11 62^{200'}

ROY

B

10.95

+0.64

+0.08

Jan 8 62 200

11.03

+0.57

+0.12

9

10.96

+0.64

-0.01

11 " "

10.98

+0.63

+0.10

AD58470

12 11.6 +33 04 1950

6.45 +0.34 +6.45

③ 6.88 +11.5 +10.6

6.89	+0.39	+1.07	Tol
	+1.0		
6.87	+1.13	+1.07	R R=14

6.88	(+1.18	(+1.05
6.98	+1.18)	+1.05)
	<u> </u>	<u> </u>

4 Apr 62 60"
3

6.80	(+1.17	(+1.05
	+1.17)	+1.05)
	<u> </u>	<u> </u>

8.77	+0.59	+0.06	F92 R

④ 8.58 +0.59 +0.06
4 Apr 62 60"
3

8.73	+0.62	+0.10

8.73	+0.62	+0.10

8.73 +0.57 +1.15

AD58434 12 05.6 +55 45 1950

~~AD58434~~

7.75 +0.52 -0.01 22 Dec 62 60"

7.80 +0.54 +0.02 4 Apr 60"

7.74 +0.53 +0.03 3

~~7.76~~ +0.53 0.00

8.39 +0.61 +0.04 22 Dec 62

8.35 +0.62 +0.05 4 Apr 60"

8.29 +0.60 +0.03 3

8.35 +0.62 +0.04

C1

12 13.3

452 47

1950

$$13.32 + 0.54 = 0.48$$

$$13.35 + 0.52 = 0.48$$

$$\overline{13.34} - 0.53 = \underline{0.48}$$

4 March 2008

3 " " "

AHVAI B 11.8 712 04

9.15 +0.74 +0.34 20 2663 100"
9.06 +0.76 +0.35 21 " " "
9.13 +0.78 +0.32 23 " " "
9.06 +0.80 +0.33 5 May 64 100"

A058471

12 11.7 -5 26 1950

A	6.80	+0.15 ²	+0.10	100" 3 mag
	6.52	+0.32	+0.08	5
	6.54	+0.27	+0.09	7
		<u>+0.30</u>	<u>+0.08</u>	

B B	13.53	+0.44	-0.21	100" 3 mag
	13.64	+0.53	-0.19	5
13.50 +0.39	13.49	+0.39	-0.22	7
	13.50	+0.33	-0.10	from 11 62 200"

C	11.86	+1.36	+1.30	100" 3 mag
	11.82	+1.34	+1.54	5
	11.84	+1.32	+1.39	7

Slut II

116

12

14.4

+35

34

1550

13.2 AO!

V. week bins

13.17 +0.51 ~0.09 21 7663

8494

12

14.3

+80

1960

7.14 +0.31 -0.05 22 Dec 62 60"

7.71 +0.40 +0.10 22 Dec 62 60"

LCVM

A058489 12 13.4 +40 56 1950

8.45 +1.40 +1.97 20 Feb 60

8.73 +1.58 +1.93 4 May 61 200"

9.43 +0.53 +0.05 24 Jan 66 200"

8.88 +0.59 +0.23 200" ~~200"~~ 200"

B 8.89 +0.54 +0.11 1 Jan 62

8.86 +0.56 +0.20 2 Jan 62

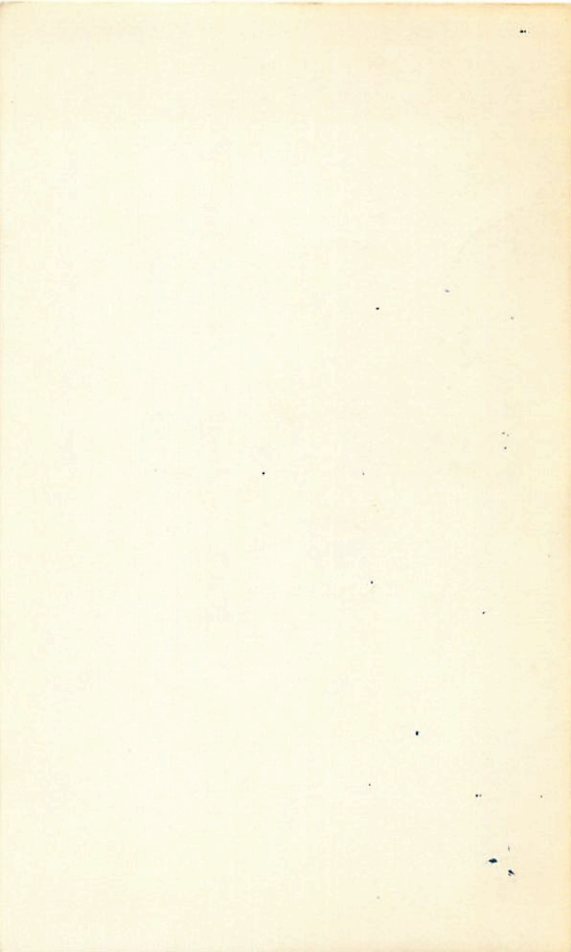
9.02 +0.53 +0.06 200" 4 Mar 64

8.92 8.50 +0.12

5.79 MO } 11.5"

9.0 d=6

0.63 lake



G-148-54B 12 15.0 +32 22 1550

A 16.95 +0.38 -0.46 4 min 4200'

B 15.12 +1.58 ~~+~~ 4 min 4200'

6-12-31/32 12 176.60 + 6 11

15.5 + 22 } 16"
16.4 + 1

14.96 + 1.45 — 23 2163

14.98 + 1.45 — 26"

14.97 + 1.44 + 1.14

22 Apr 63 200

15.77 (+ 1.71) — 23 2163

15.89 + 1.54 — 26 2163

15.98 + 1.50 + 1.25

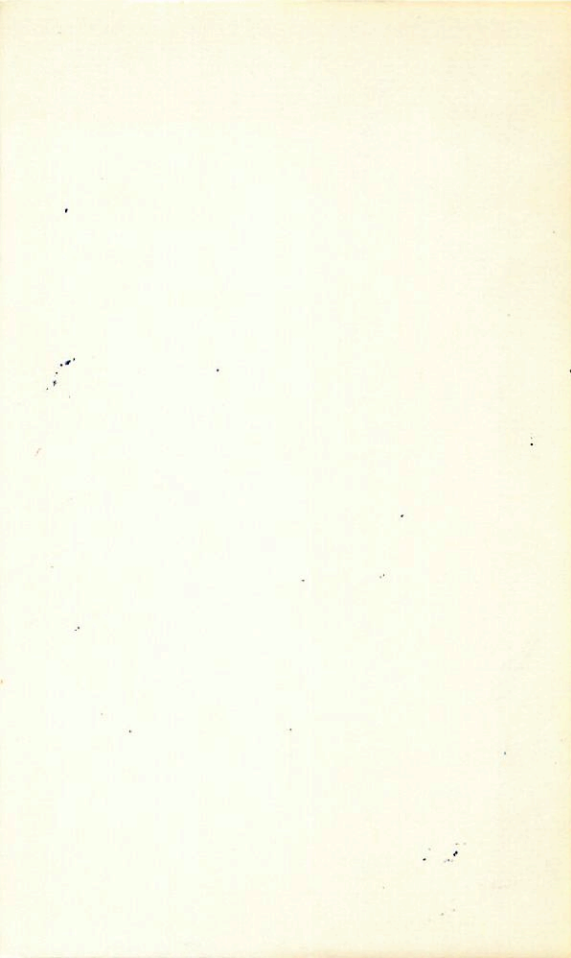
22 Apr 63 200

Slut. # 118

12 15.2m +37 22

120 AS with bin

11.80 +0.37 +0.13 212663/100"



TZ 1506 12 18.4 ± 33.05 ±

17.33 ± 0.66 ± 0.22 14 July 63 acc⁴

AD58530 12 20.0 26 07

A 4.79 +0.49 +0.26 4N

B ~~8.64~~ +0.535 0.00 +07

Dis 521

12.52 +0.89 +0.54 +05

12.51 +0.90 +0.56 11

12.53 +0.91 +0.51

12.54 +0.85 +0.56

Jan 8 1962 200"

9

A058516 12 17.8 438 11 1950

R1 III -

129 ✓ B

10.30	+0.57	+0.13	12 July 200 ⁵
(10.30	+0.76	-0.16	4 March 200 ⁸)
10.26	+0.61	+0.03	Jan 8 62
10.28	+0.55	+0.09	9 62

F59

12 14.4 +15 51

11.55 -0.06 -0.10 1003762

AP5 8585

12-29-33

1963

7.244
5/80F1
48
15"

7.96

+0.23

0.00

12 April 1963

7.96

+0.20

+0.06

14 "

7.98

+0.22

+0.05

18 May 1963

8.38

+0.33

-0.01

12 April 1963

8.45

+0.24

+0.04

14 "

8.38

+0.33

+0.04

18 May 1963

8561 12 25.7 26.2 45 01 1960

7.50 +0.57 +0.06 21 Dec 62 60"
7.99 +0.59 +0.08 22 " " "

8.13 +0.67 +0.20 21 Dec
8.61 +0.70 +0.21 22

A058531 12 20.0 +5 35 1950

6.5 dF7 } 20" A 6.53 +0.64 -0.02 100 2.26
8.6 } 6.51 +0.54 +0.04 5

6.51 +0.58 +0.07 3 may 100
6.52 +0.59 +0.03

PE: 201 20.14 8.014 +1.02
6.2

~~2.45 +1.14 +0.53 3 may 6.2~~

From OS, 201
9.55 +1.12 +1.10
5.014 01.14 1.10
9.55 1.12 1.10

28 12 28 50 71-24 245

Shw

165767



8.3
dip

8.3
dip

8.09 40303 2284

849

323

AOS

8572

12

27.3 -16

15

1950

Slow

0 8.52

+1.03

+0.57

100' 3muy

8.52

+0.81

+0.79

8 muy

8.49

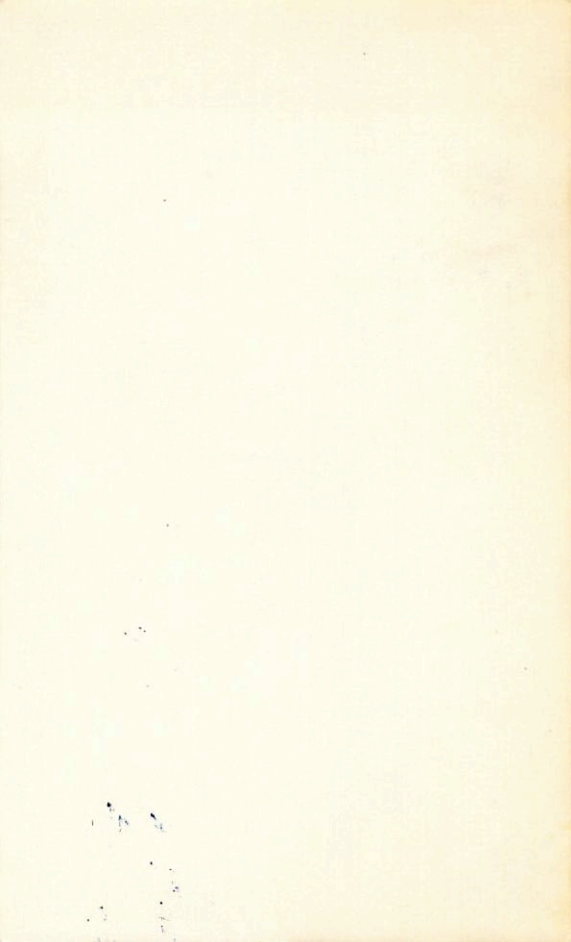
+0.95

+1.07

200' 9muy 62

293

81



Rw Com 12 30.6 +2.7 00 1900

d
0.24 11.61 (+1.24) +0.21

11.80 +0.85 +0.45 ✓ 100 22662

gum 11.51 +0.86 +0.37 ✓ " 3 "

11.55 +0.91 +0.41 ✓ 100 107663

11.14 +0.85 +0.44 ✓ " 20 2663

11.43 +0.88 +0.39 ✓ " 23 " "

11.18 +0.88 +0.47 ✓ " 26 " "

11.1-11.8

+0.87 -6.42

A 12.81 +0.50 +0.34 15 June 100'

B 13.26 +0.59 +0.08 15 June 100'

Reel 11.09 10.59 +0.35 May 20 64 100'

$$\begin{array}{r}
 1965 \quad n=0.25 \quad 13''2500 \\
 12 \quad 30.6 \quad +13 \quad 46 \quad \underline{12.56} \quad -1246 \\
 +14.2513
 \end{array}$$

$$\begin{array}{r}
 719 \\
 A \quad 9.98 \quad +0.71 \quad +0.12 \quad 12 \text{ Jun } 66 \text{ } 200'' \\
 \quad 9.89 \quad +0.70 \quad +0.13 \quad 15 \text{ Apr } 66 \text{ } 200'' \\
 \quad \underline{9.84} \quad +0.75 \quad +0.05 \quad 13 \text{ Jun } 66 \text{ } 200'' \\
 \quad 9.90 \quad +0.72 \quad +0.10
 \end{array}$$

788 46.24

$$\begin{array}{r}
 B \quad 16.63 \quad +1.41 \quad +0.69. \quad 12 \text{ Jun } 66 \text{ } 200'' \\
 \quad 16.38 \quad (+1.27) \quad +0.67 \quad 15 \text{ Apr } 66 \text{ } 200'' \\
 \quad \underline{16.47} \quad +1.45 \quad +0.87 \quad 13 \text{ Jun } 66 \text{ } 200'' \\
 \quad \underline{16.55}
 \end{array}$$

+129

6774781

12 32.2 -23 12

9.7E2

$n = 0.21$

$-22^{\circ}34'2$

$9.25 + 0.36 - 0.09 = 9.52$

3C 273

12.83 +0.21 -0.90

4 Mar 64 200'

12.92 +0.21 (3) -0.83 (3)

19 Jun 63

12.69 +0.12 -0.89 20 Feb 63

12.69 +0.24 -0.97 23 " "

12.70 +0.16 -0.88 26 " "

2422-1

~~5.73 -0.14 -0.70 26 Feb 63 recd "~~

4 Mar 64 200'

13.45

+0.62

+0.625

+0.125

19 Jun 63

A

13.52

+0.61

+0.10

20 Feb

A

13.53

+0.62

+0.10

23 "

13.48

+0.65

+0.13

26 "

AD58600

12 32.6 + 8 39 1950

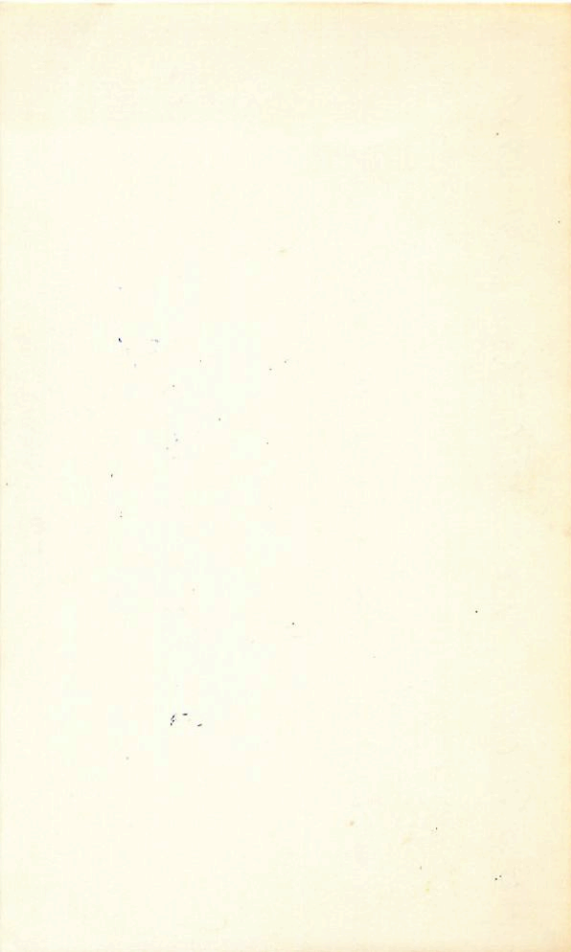
90947 }^{20"}

F01590 6.2 }
A 5.06 + 1.16 + 1.11 100 22662

B 6.62 + 0.22 + 0.13 100 2262

* 6.57 + 0.24 + 0.11 " 47 many

6.57 + 0.29 + 0.10 3
6.59 + 0.25 +



Remediation 12 34.1 30 00
31.7 + 28 03 1502

0.4 F2

55E 311

+2802137

-0.23

15
-188

10.89 + 0.43 - 0.23 23 7163.02

10.88 + 0.42 - 0.20 25 7163

-53.4

10.88 + 0.425 - 0.21

R 2 Loms

12 32.4 +23 37 1950

d
0.34

^(10.40)
(10.64)
~~12.44~~ +0.57 +0.03

+0.57 +0.08 20 2663 100"

262663

10.54 +0.53 -0.02 100 22/62

10.77 +0.57 -0.01

10.65 (+0.68) +0.01 " 3"

10.74 +0.48 +0.05 100 10 mar 62

10.44 +0.57 -0.01 100 3 may

10.65 +0.55 -0.05 5

10.4 - 128

11.07 +0.70 -0.15 7 may

+0.56 -0.02

10.68 +0.56 -0.02 8 may

~~+0.56 -0.01~~

C 14.44 +0.65 +0.13 10 Jan 64 10⁰⁰

A 12.14 +0.62 +0.12

B 13.02 +0.64 +0.16

Q-60-33 12 45.5 +10 02

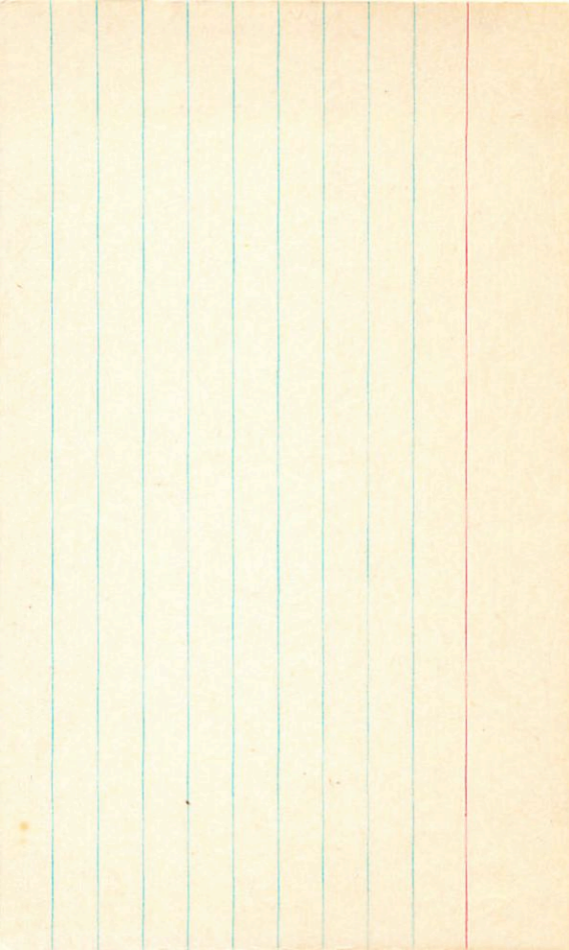
CC737

11.39 +1.56 +1.16 28 ""

11.38 +1.55 +1.16 25 2665 100"

11.42 +1.56 +1.16 29 "" ""

11.40



6-61-16/17 12 447 +14 59 1550

47.00
16 13.53 +1.47 +1.03 23 Dec 63 2004
13.50 +1.46 +1.07 1 Jun 62

16 13.51 +1.48 +1.14 2 Jun 62
13.51 +1.47 +1.08

16 15.91 +0.22 -0.51 23 Jun 62

17 15.86 +0.19 -0.53 1 Jun 62

1 on 17
15.97 +0.24 -0.55 2 Jun 62
15.86 +0.22 -0.53

R67 12 39.4 +17 49 2dEp (w.o!) ^{+2261m}

11.5 -0.34 -126 F

11.83 -0.32 -1.22 26 Dec 62 100''

SS Com

12 47.2 +18 59 1950

d
0.413

	11.22	+0.47	-0.04	100 37662
	10.85	+0.49	-0.04	100 37muy
*	11.70	+0.46	-0.02	100 47muy ✓
	10.85	+0.47	-0.05	5
	10.79	+0.45	-0.05	7
	10.97	<u>+0.48</u>	<u>-0.04</u>	8
	10.87	+0.47	-0.04	
	11.23			



A058674

12 46.9 +27 49 1550

5.8A25 } 42"
11 - }

A 5.92 +0.04 +0.08 100 2 2662

5.79 +0.08 +0.06 " 5 May

5.80 +0.06 +0.07

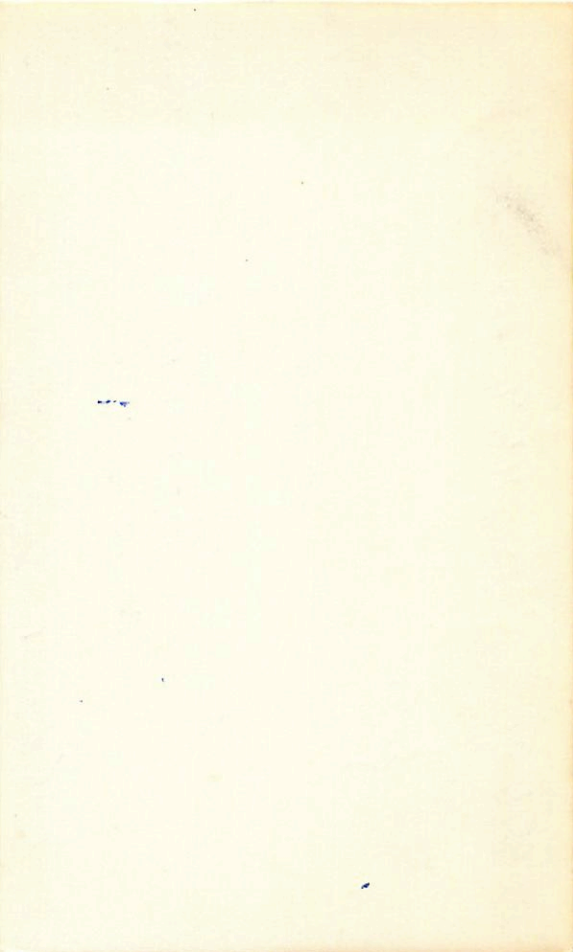
13.44 +0.68 +0.23 200 " " 62

13.47 +0.71 +0.20 200 9 June 62

B 13.46 +0.71 - 100 = 2662

~~13.50 +0.73~~
13.46 +0.71 +0.20 100 " 5 May

13.45 +0.71 +0.23 100 " 8 May



A058695 12 50.8 +21 31 1950

452 + 0.305 3A

414

379

4.91 + 0.90 + 0.64 2A

4.49 + 0.92 + 0.66 10 March 2 100

AB

C (1045)

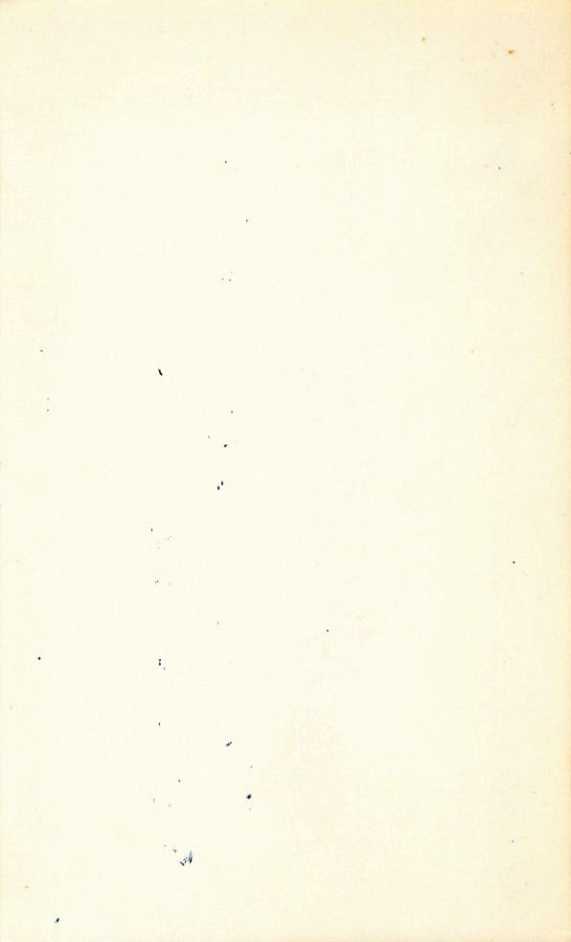
9.82 + 0.71 + 0.28 " " " "

9.73 + 0.73 + 0.28 100 May 5 62

9.77 + 0.72 + 0.28

543

544



H 234 12 53.0 +37 49 1950

15.66 - 0.28 - 1.25 4. mm 6.4 200°

15.65 - 0.29 - 1.26 5 " " "

15.64 -0.28 -1.26

A058690 12 ^{49.4}~~49.4~~ +19 27 1950

A (7.35 ±0.11 ±0.30) 100 10 min 62
7.32 ±0.33 ±0.09 100 3 min
7.37 ±0.32 ±0.09

B 7.87 ±0.56 ±0.06 100 10 min 62
7.85 ±0.57 ±0.07 100 3 min
7.89 ±0.56 ±0.05

150
61-8051-7 12 57.5 +27 50

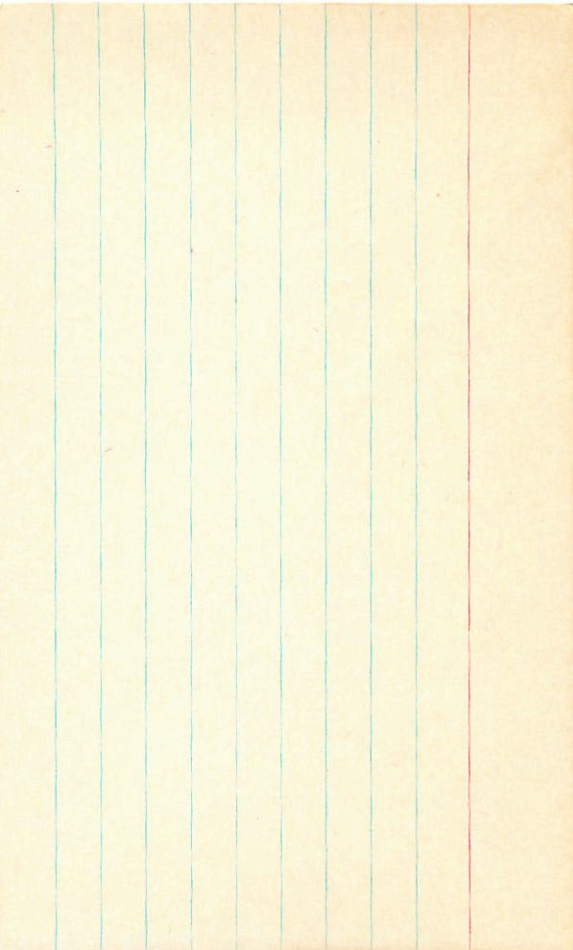
15.40 +0.31 -0.56 21763.00?
15.39 +0.24 -0.661 26 2663
15.40 +0.285 -0.58

Planet? 15.09 +1.17 -0.60 26 2663

G-60-55 12 58.8 + 5 52 57

W775-7

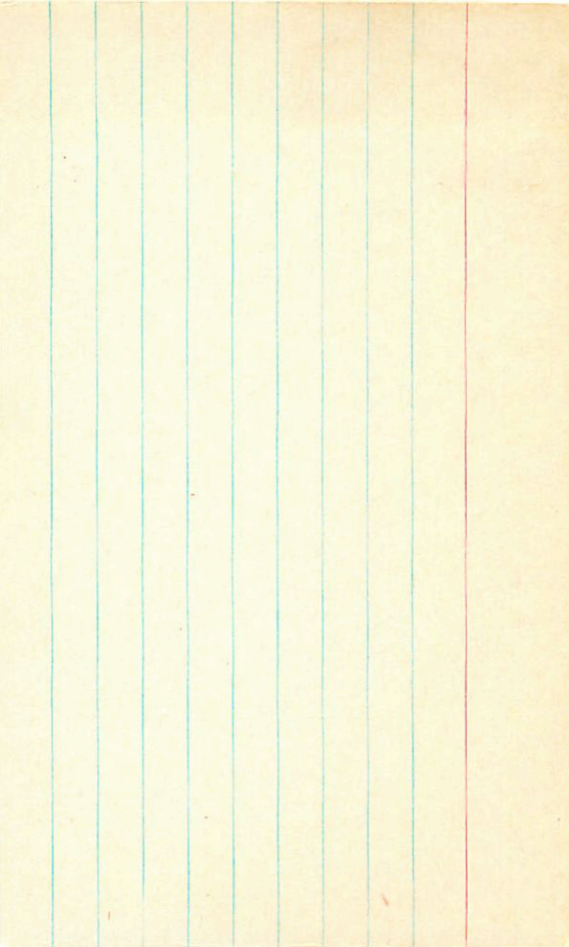
13.34 + 1.73 + 1.22 25 2nd 65 100th



G123-75 12 56.0 + 38 25

A 10.60 + 1.42 + 1.13 28 7665

B 13.16 + 1.61 + 1.14 28 7665



NGP 232 12 53.6 +28 23

12.74 +0.14 -0.72 14 gm 44 200"

w7760

G-60-5-7

12

58.3

412

37

9.9

v140

(Pyl)

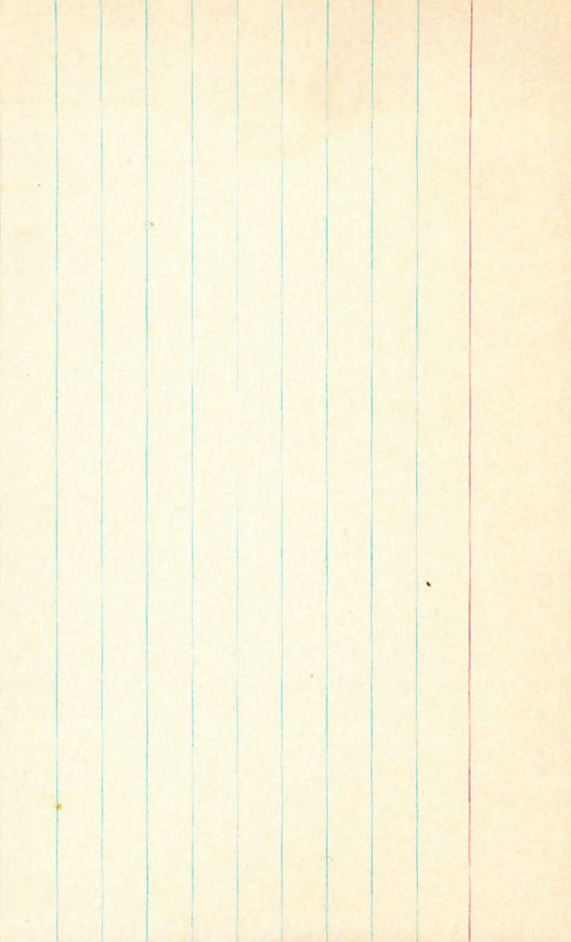
9.79 + 1.43 + 1.03 25 Jul 65 100"

9.81 + 1.44 + 1.11 28 " " "

9.77 + 1.43 + 1.12 20 Jul 63 100'

9.79 + 1.44 + 1.14 21 " " "

9.79 + 1.435 + 1.12



W7510/11

13 05.3 +24 16 8.6 das

(100)

8.14	+69	+20	8-54 R
8.55	+77	+29	6-24
8.53	+77	+34	15 20p 64 100"
8.50	+80	+81	9 April 64 100

8.55	(+88)	+0.18	16 may
8.57	+78	+31	17
8.43	76	27	

8.45	+0.69	+19	9 April 64 100
8.15	+71	+12	16 may
8.18	+70	+15	19
8.22	+71	+21	160

HZ 39

13 02.4 728 23 195-0
~~15.43 -0.30 1.16~~

15.43 -0.30 -1.16 47 Mar 64 200"
15.46 -0.33 -1.15 5 " " "

Q63-5/4

13 08.9 + 53

$\frac{8.9}{17.2} + 1$

8.95

+ 61

+ 0.558

8.93

+ 62

+ 0.48635

8.76

+ 62

+ 0.4

112

8.71

+ 0.62

+ 0.09

20 > 163, 100 =

1233

+ 1.28

+ 1.08

202663, 100 =

Uwün 13 10.0 -16 5'17 1950

8.90 +0.32 +0.16 100" 7mg
8.99 +0.26 +0.15 8

13.82 +0.82 +0.50 }
13.51 +0.74 +0.73 }

1503
W7810/11 13-05-54 124 12 8.1-8.5 404

10 8.07 +0.76 +0.16 9 Apr 64 100"
8.15 +0.69 +0.19 18 May 64 100"

11 8.50 +0.80 +0.31 9 Apr 64 100"
8.53 +0.77 +0.34 18 May 64 100"

F76 13 14.8 +13 03 1950

15.18 -0.12 -0.65 28 Dec 62 1000

Tom 1586 13 19.9 +21 14 1955

(c) 1985

13.59 +0.30 -0.03 22 Apr 63^{2:00}

15.73 +0.49 -0.18 22 Apr 63^{2:00}

AD58845 13 178 +3 16 1550

N 9.52 +0.99 +0.72 13 July 63 200°
9.40 +1.01 +0.71 16 " " "

S 9.36 +1.19 +1.05 13 July 63 200°
9.39 +1.20 +1.09 16 " " "

G14-57	+0.85	+0.525	11.18	24 Apr 66 100'
	+0.835	+0.49	10.96	16 June 66 100'
	<hr/>	<hr/>	<hr/>	
	+0.84	+0.51	11.07	

ADS 8878 2011 '843 7.5A2
13-20-34 -12 5-9 56 10.0 20"

7.74 +0.14 +0.13 14 kg 64100"
7.80 +0.16 +0.14 28 kg 64100"

10.80 +0.48 -0.04 14 kg 64100"
10.84 +0.51 -0.04 18 kg 64100"

Aw via

13 25.0 +03 18 1950

d. 35⁴

Red 11.58 11.23 +0.26 20 May 64 100"

11.23 +0.70 +0.17 100" May 28 62

10.99 +0.69 +0.19 100" May 30 62

(11.17 +0.63 +0.08) " June 28 62

10.97 +0.71 +0.19

11.02 +0.70 +0.15¹⁵ 28 May 1964 100"

A 9.58 +0.59 -0.09 18 May B 12.70 +0.65 +0.19 18 May

C 12.74 +0.79 +0.33 18 May

A 9.57 +0.55 -0.05

B 12.74 +0.71 +0.20 19 June 1911

AD58934 13 30.5 137 02 1963
65

Dr. A 7.28 +100 +0.80 10 Jan 64 200°

B 8.17 +0.42 0.00 15 Jan 64 200°

F81 13 29.4 +15 56 1950 adBP

13.47 -0.24 -0.97 28 Dec C 2 100"

6-14-57/58 13 27.5 -8 27 1550

Nr. 703632

wolf 485 LFT1014

12.23 +0.06 -0.62 Harris

A 12.35 +0.06 -0.58 100 22862

12.25 +0.10 -0.63 100 3 " "

12.29 +0.07 -0.61

12.30 +0.08 -0.61

B 14.33 +1.65 +1.48 100 22862

14.29 +1.72 (+1.23) 3

14.35 +1.61 +1.48 100" 19 Jun 64

14.34 +1.63 +1.48

F84 13 32.8 +13 43 ¹⁹⁵⁰ B3p +148 km/sec

11.83 -0.14 -0.75 8 mag 62
11.85 -0.17 -0.68 28 Dec 62

near

A 12.50 +0.51 0.00 28 Dec 62
B 15.25 +0.87 - 28 Dec 62

LAS 455

13 343 -16 04 1950

15.12	+0.01	-0.77	5
-------	-------	-------	---

15.45	-0.06	-0.85	3 May 100 62
-------	-------	-------	--------------

* 15.26	-0.04	-0.81	4 May "
---------	-------	-------	---------

<u>15.35</u>	<u>-0.06</u>	<u>-0.83</u>	
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13.96	+1.50	+1.01	12 Apr 100 "
-------	-------	-------	--------------

13.80	+1.63	+1.08	3 May 100 62
-------	-------	-------	--------------

* 13.84	+1.49	+1.35	4 " " "
---------	-------	-------	---------

13.80 + 1.53 + 1.36	+1.56	+1.36	5
<u>13.61</u>			

ADS 8957 13-324 0 .125 }
-13 00 5-8 AD

5-91 +0.02 -0.09 14 July 100"
5-93 +0.05 -0.09 18 July 100"

58.43662 13 40.9 +57 12

40.6 +57 16 1550

16.73 +0.55 -0.27 4m 6.4 200'

F86

13 36.1 409 37

23-0.3

B9

~~1502~~

-0.13 -0.68

may 1

AD58981

13 35.9 + 39 24 1950

7.78 +0.73 +0.23
 7.74 +0.71 +0.22
 7.78 +0.67 +0.24 B5ER

26 June 60"

(2.73 +0.71 +0.22
 7.75 +0.71 +0.22
 7.74 +0.71 +0.22

4 Apr 62 60"
3 Apr

9.14 +0.91 +0.63
 9.14 +0.93 +0.63
 9.14 +0.93 +0.63
 9.17 +0.93 +0.62

26 June 60"
 4 Apr 62 60"
 26 June 60"
 3 Apr

9.15 +0.92 +0.62 ✓

AO

C

NY NMA 13 42.8 +55 28 1950

12.77 +0.46 -0.08 3 Mar 64 200'

12.98 +0.48 -0.06 4 Mar 64 200'

A 12.72 +0.48 -0.05 4 Apr 62 60"

12.69 +0.48 -0.06 3

13.09 +0.48 -0.02 2 An

(13.82 +0.64 +0.13 4 Mar 64 200'
13.90 +0.72 +0.05 2 An

B 13.83 +0.62 +0.12 4 Apr 62 60"
13.88 +0.63 +0.13 3 Mar 64 200'
13.80 +0.68 +0.11 3 Apr 62 60'

~~13.84 +0.65 +0.09~~

13.85 +0.66 +0.11 11

0.376

NY Nma

C 10.73 +0.53 +0.01 4 March 2007
 10.74 +0.52 +0.01 3 " "

D 15.14 +0.67 +0.03 4 March 2007
 15.22 +0.65 +0.02 3 " "

AOS 9002 13 40.9 -4 02 1910

A 7.10 +1.29 +1.31 (3)

B 10.12 +0.50 00

1P24 20 } off
1P70 10.1 } off

A 7.14 +1.30 +1.44 100 22662
7.12 +1.25 +1.38 " 3 " "

7.03 +1.31 +1.41 " 10 March 62

7.10 +1.29 +1.31

10.06 +0.54 +0.03 5mg

B ~~10.20 +0.47 +0.13 100 22662~~

14.19 +0.75 +0.17 5mg
10.14 +0.46 +0.01 " 3 " "

10.14 +0.52 +0.08
10.04 +0.51 +0.24

10.12 +0.58 -0.11 100 3 2mg

* 10.12 +0.58 -0.05 " 4 "

8133

13 44.5 +0.6 36 63 d62

18625

-31.1 d

120066

6.30 +0.59 +0.12 30 Apr.

6.35 +0.62 +0.145 2 20"

6.34 +0.64 +0.15 1K

A 6.35 +0.60 +0.18 20 June 63 100

6.34 +0.63 +0.18 21 "

6.35 +0.62 +0.18 17mm 65 100"

10.04 +1.22 +1.15 1K

B 10.02 +1.19 +1.15 20 June 63 100

10.05 +1.20 +1.16 21 " "

10.01 +1.20 +1.18 17mm 65 100

42-6

041663

7-9 145
11.1 1500

-03 07

13 -43-06

RDS 9010

8.27 +0.28 +0.02 12 Apr 64 1000⁰
8.23 +0.29 +0.06 18 May 64 1000⁰

16.01 +0.74 +0.26 12 Apr 64 1000⁰
10.98 +0.77 +0.29 18 May 64 1000⁰

HR5184 13

45.0
~~42.9~~

+38.48

1950

S. +1.08 +0.84

2

A 5.47 +1.08 +0.83

60" Apr 4 62

5.47 +1.08 +0.84

3

5.47 +1.08 +0.84

B 8.99 +0.57 +0.02

Apr 4

8.97 +0.58 0.00

3

8.98 +0.58 +0.01

XY Box

13 46.8 +20 26 1950

α
0.31

10.39 +0.50 -0.11 250 237637

10.31 +0.46 -0.06 100 32632

10.56 +0.50 -0.07 100 10 March 42

10.54 +0.50 -0.05 900 3 May

*10.55 +0.35 -0.06 " 4 May

10.32 +0.50 -0.08 100 3 " "

10.57 +0.47 -0.06 7

10.35 +0.49 -0.07 8

+0.48 -0.065

ADS 9071 13 56.1 +52 " 8-7 6-5 1943

7.92

8.27 +0.90 +0.18 28 Jan 64 60"
8.26 +0.68 +0.16 29 Jan " "

+2202622 13 48.6 +23 21

9.0 } 137" 3>8°
15.3 }

9.38 +111 +0.94 23 263.00"

15.84 +0.98 -0.02 23 263.00

AD59089

14 00.3 157 28 1550

AB

7.74

+0.418

00.0

Apr 360"

7.74

+0.418

00.0

June 11 62 200"

7.74

+0.418

00

10.40

+1.41

11.81

Apr 360"

10.40

+1.41

+1.07

June 11 62

10.42

+1.41

11.07

TU Boo

0.32

12.04	+0.67	+0.10	5 May
11.41	+0.65	+0.10	✓ 8
14	02.8	+30	14 1950

12.01	+0.64	+0.12	3 May 62 100
11.67	+0.70	+0.09	✓ Apr 260"

11.4

+0.66 +0.11

11.53	+0.63	+0.08	✓ 180 3262
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12.0

11.42	+0.64	+0.10	✓ 100 10 mm 62
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22:43

11.75	+0.69	+0.17	60" 4 Apr 62
-------	-------	-------	--------------

PSI

22:45

11.78	+0.72	+0.15	" "
-------	-------	-------	-----

22:47

11.84	+0.72	+0.17	74 " "
-------	-------	-------	--------

22:52

11.91	+0.70	+0.17	" "
-------	-------	-------	-----

22:55

11.96	+0.71	+0.18	" "
-------	-------	-------	-----

22:58

12.01	+0.74	+0.20	" "
-------	-------	-------	-----

AD59085

13 59.1 +1 47 1950

Σ Vir

4.26 +0.10 +0.12 J11

4.26 A4 III } 80"

100 = 2662

B 9.53 +0.46 +0.03 ~~75~~

9.5

9.44 +0.41 0.00 " 30"

LP 439-354

14 09.9 +15.47

u="68
2750
17.2 K-M

18.12 +0.96 +0.48 10 Jun 64 200"

18.12 +0.98 +0.18 13 Jun 64 200"

18.12 +0.96 +0.30

+15° 2675 14 08.5 715 27 1950

8.28 +0.69 +0.24 } measurement

25" S 16.90 +0.76 +0.33 } measurement
16.76 +0.70 +0.58 } from 64200"

ADS 5094 14 017 708 41 7875-
1943

7.62 +0.46 -0.01 12 Apr 4100"

7.56 +0.50 -0.02 14....."

7.59 +0.48 -0.01

G135-29. 14 12.1 +15 41 1963

LP439-354 65 11.5 +15 44 1950

16.26 +0.02 -0.61 13 June 64 200

16.31 +0.09 -0.68 14 July 63 200

16.75 +0.06 -0.62 3 Mar 64 200

16.13 +0.13 -0.64 4 " " "

14.26 +0.09 -0.64

Extensive
Olyjit
new

15.73 +0.99 +0.29 4 Mar 64 200"

Ads 9.158

14 10.2 128 57 1550

AB orbit

AB

7.83	+0.37	+0.10	21 Jun 63 100°
<u>7.77</u>	<u>+0.40</u>	<u>+0.08</u>	25 "
7.90	+0.385	+0.09	

C

9.82	+0.48	+0.03	21 Jun 63 100°
<u>9.74</u>	<u>+0.53</u>	<u>0.00</u>	25 "
9.78	+0.505	+0.015	

A659191 14 14.2 +556 54 1950

A 7.12 +0.24 +0.13 June 11 62 200"

B 9.20 +0.81 +0.36 3 Apr. 60"
9.22 +0.80 +0.36 26 June 60"
9.20 +0.79 +0.36 27 June
9.31 +0.80 +0.36

C 12.09 +0.65 +0.05 3 Apr. 60" } 12.08 +0.63 +0.08
12.08 +0.63 +0.11 26 June 60" }
12.06 +0.60 +0.08 27 June

VW 300

0.34

14 15.0 +1.2 47 1950

10.90 +0.90 +0.37 ✓ 7 mg

10.49 +0.78 +0.34 ✓ 5 mg

10.44 +0.77 +0.37 ✓ 100 3 2/62

10.88 +0.81 +0.39 ✓ 100 10 number

11.04 +0.86 +0.43 100 3 mg

* 10.61 +0.79 +0.36 ✓ " 4 "

10.85 +0.82 +0.39 ✓

B

15.59¹⁸² +1.44 +0.80 100 3 mg 100

15.60 +1.44 +0.85

15.74 +1.45 +0.87 5

15.49 +1.20 +0.86 7

AOS
9/198

36

14 14.8^y +51 33 1542

(8.29 +0.90 +0.29 July 5 500)

B

8.24	+0.86	+0.45	Jan 11 62 200"
8.27	+0.85	+0.45	26 June 100"
8.27	+0.85	+0.44	27 Jan
<u>8.27</u>	<u>+0.85</u>	<u>+0.45</u>	

A

4.76	+0.23	+0.10	26 June 60"
<u>4.70</u>	<u>+0.27</u>	+0.10	27 Jan
4.70	+0.24	<u>+0.10</u>	