

834

~~11579~~

.18 53.0 733 54 1950

$$\begin{array}{r}
 5.97 \\
 \hline
 5.94
 \end{array}$$

+0.93

+0.59

$$\begin{array}{r}
 5.94 \\
 \hline
 70.925
 \end{array}$$

+0.60

18 July 63  
20 " " 100
$$\begin{array}{r}
 7.65 \\
 \hline
 7.64
 \end{array}$$

-0.04

-0.32

$$\begin{array}{r}
 7.65 \\
 \hline
 7.64
 \end{array}$$

-0.04

-0.29

18 July 63  
20 " " 100
$$\begin{array}{r}
 7.64 \\
 \hline
 7.64
 \end{array}$$

-0.04

-0.31

AD511854 18 56.0 417 18 1550

FFAgd

2623 13  
186 10 417 38

231 5

B

11.24 +1.01 ~~15~~ 15

from 11 62 200"

11.21 +0.78 -

July 7 62 200"

11.12 +0.68 -

July 13 64 200"

10.68 +0.84 -

July 14 "

425 + 83

11.06

AD511901

18 569

+622

1962

6.48 +0.96 +0.64 / Aug 62 "see by 200"

6.42 +1.00 +0.62

Sept 26 60"

(6.94) +0.96 +0.62

July 12 63 200"

6.45 +0.47 +0.62

9.86 +0.75 +0.23

1 Aug 64 200"

9.85 +0.71 +0.22

July 8 62 200"

(10.32) +0.72 +0.23

July 13 63 200"

9.89 +0.75 +0.22  
9.87 +0.73 +0.225

July 15 63 200"

V803 Agl 18 58.0 -07 34 1950

12.93	+0.65	+0.18	21 June 63 100"
12.88	+0.64	+0.13	28 May 62 100"
<del>12.88</del>	<del>+0.57</del>	<del>+0.27</del>	30 " " "
12.94	+0.61	+0.10	28 June 62 100"
13.03	+0.63	+0.14	29 " "

A 12.03 +0.44 +0.21 21 June 63 100"

C-141-54 18 57.5 + 11 54 195.0

15.56 +0.22 -0.58 12 June 2000

15.44 +0.20 -0.56 14 " " "

15.54 +0.20 -0.57 13 "

15.52 +0.20 -0.57

RAQL 19 04.6 +08 10 5

1963

10741300

6.03 +1.31 +0.70 4 July 64 100"

11.68 +1.04 +0.27 4 July 64 100"

V804A<sub>1</sub>

19 03.0 -06 18 1950

A 13.27 +0.63 +0.27 21 Jun 63 100"

C 11.48 +0.41 +0.29 21 Jun 63 100"  
11.61 (+0.43) +0.25 17 July 64 100"  
11.45 +0.64 (+0.65) Sept 5 62 100"

11.41 +0.47 +0.28 May 28 62 100"

11.30 +0.61 +0.34 30 " "

11.68 +0.58 +0.21 Jun 28 62 100"

11.52 +0.61 +0.25 29 " 100"

11.59 +0.61 (-0.76) +0.24

11.45 +0.62 +0.23 12 August 1954





V805 Agd .19 04.2 -11 42-1963

(B)

15.58 +0.61 — 31 July 4 2000"

12053 19 05.0 t22 30 1950

7.45 +0.22 +0.09 23 Aug 63 200"  
7.42 +0.22 +0.05 18 July 63 60"  
7.44 +0.21 +0.10 16 Aug 63 100"  
7.49 +0.21 +0.09 18 " " "

9.61 +0.59 +0.06 23 Aug 63 200"  
9.60 +0.58 +0.01 18 July 63  
9.59 +0.56 +0.06 16 Aug 63 100"  
9.64 +0.59 +0.03 18 " " "

405  
12/45

15 09-5 +38 42 1500

A (8.45) +0.74 +0.18 20 July 63 200  
8.33 +0.74 +0.21 14 "  
8.47 +0.72 +0.25 25 Aug 63 200  
~~8.45~~ +0.72 +0.22 27 " "

BV (8.33) +0.82 +0.47 12 July 63 200  
8.22 +0.84 +0.46 14 "  
8.27 +0.87 +0.46 25 Aug 63 200  
8.32 +0.87 +0.45 27 " "

B 14232

19

11.4

+13

31

1950

14.01

+0.16 -0.61

<sup>200</sup>  
22 Apr 63

13.97

+0.09 -0.60

22 July 63 2000

12.69

+1.56 +1.49

<sup>200</sup>  
22 Apr 63

12.68

+1.52 +1.15

22 July 63 2000

LPS678 19 17.7 -07 46

J(1) 12.36 +0.02 -0.86

12.23 +0.07 -0.85

12.27 +0.09 -0.86 3 may 100"

\* 12.23 +0.02 -0.85 4"

(12.12) +0.11 -0.82 5

12.24 +0.07 -0.84

12.06 +1.71<sup>19.1</sup> +1.47<sup>12.7</sup> 3 may 100"

\* 12.19 +1.55 +1.49 4"

(11.98) +1.65 +1.31 5

12.12 +1.63 +1.42 J(1) 12.75 +1.31 +1.10 ?

W11786 19 17.8 +12 18 1863

5.49 FO  
8.9 60" 180

556 +29 +20

5.49 70.30 +0.16 4/24 100"

9.02 +0.50 +0.22 4/24 100"

4.11  
(5.1)

AD512259 19 15.0 +09 15 1962

B 343 + g<sup>2</sup>

A 8.24 +1.38 +1.33 100'' 30mg<sup>62</sup>

B 8.77 +0.30 -0.04 100'' 30mg<sup>62</sup>

AOS 12503  
U Ag

19 27.2 -07 08 1962

~~AOS 19272~~

(14.42 +0.72 - July 7 63)  
14.02 +0.66 ~~to~~ 30 Sept 62 100"  
13.99 +0.65 - 25 Oct 62 100"  
13.98 +0.70 - 26 " " 100

A 6.58 +1.17 +0.78 20:00 30 Sept 62<sup>100</sup>  
6.09 +0.86 ~~to~~ 25 Oct  
6.23 +0.96 +0.67 20:00 26 Oct 62 100



W 11910 19 273 +12 23 799 A8m  
9.9 20'

7.94 +0.33 +0.11 4/12/64 100"  
7.94 +0.28 +0.09 12/11/11

11.09 +0.71 +0.16 4/12/64 100"  
11.03 +0.68 +0.14 12/11/11

12594 19 31.1 +20 18 1950

7.53 +0.23 +0.17 17 Aug 63"  
7.52 +0.24 +0.16 16 Aug 63 102  
7.53 +0.24 +0.12 18 " " " " "

9.23 +0.42 +0.01 16 Aug 63 102  
9.21 +0.41 +0.04 17 " " " "  
~~9.20 +0.42~~

ADS 12803 19 40.1 +62 34 7.3 FS

7.40 +0.49 +0.03 25 Jun 64 60"  
7.35 +0.50 +0.04 29 Jun " "

V401 egg 19 27.4 +30 18 1950

B 12.06 +1.06 +0.78 20 June 63 100"

D 10.74 +0.10 +0.10 20 June 63 100"

13.42 +0.39 +0.04 3 Apr 62

10.57 +0.38 +0.08 30 May 62 100"

10.64 +0.40 +0.08 2 July 62 "

10.68 +0.41 +0.07 4 Sept 62

10.94 5 " "



1547 cont.

2:00 AM 73.86 +1.67 +0.43 200" July 14 AM

2:30 AM 13.30 +1.47 +1.08 " 15 "

10:15 13.40 +1.54 +1.40 " Aug 23 63 PM

AD512889 14 440 +33 35

7.72 7.19 +0.37 11 Apr 49 1000<sup>r</sup>  
7.46 7.08 +0.35 20 May 49 1000<sup>r</sup>

AD512913B

8.60 7.95 +0.37 26 May 49 1000<sup>r</sup>

12102W  
12852

19 42.0 +34 02 1950

6.05	-0.07	-0.30	18 Aug
6.04	-0.05	-0.31	18 July 63
6.05	-0.06	-0.27	16 Aug 63 100

1381 10.48 +35 (4)  
~~7.05 +0.31 +0.15 18 July 63~~

S  
C  
13.80 +0.46 +0.34 23 Aug 63 200'  
13.83 +0.44 +0.35 16 Aug 63  
13.84 +0.50 +0.33 18 " " 100  
13.77 +0.51 +0.33 29 " " 200



12813 19 40.4 +8 76 1550

A 6.89 +0.49 +0.05 16 Aug 63<sup>100</sup>  
6.87 +0.50 +0.07 17 " " "

B 8.81 +0.70 +0.28 16 Aug 63<sup>100</sup>  
8.80 +0.70 +0.26 17 " " "

00 Aug 19 45.8 +0.9 11 1950

9.3-10.0 +0.76 +0.26

0.507

9.46 +0.77 +0.21 28 May 62 100'

9.35 +0.75 +0.27 30 " " "

9.96 +0.74 +0.28 28 June 62 100"

9.82 +0.75 +0.26 } 1 July 62

9.85 +0.76 +0.26 }

9.48 +0.74 +0.26

near 10.14 +0.35 +0.20 28 May

10.26 +0.35 +0.20 2 July 100"

5.07 513 522

904 953 956

503 510 519

VV129 19 44.9 +32 0 2 1963

14.1-14.7 0.30<sup>9</sup>

13.82 +0.77 +0.21 1 Aug 64 200"

13.74 +0.74 +0.18 2 " " "

13.51 +0.74 +0.23 6 " " "

~~14.11~~

D 14.14 +0.57 +0.42 1 Aug 64 200"

14.19 +0.55 +0.42 2 " " "

G-142-50 19 43.8 76 22 1963

<sup>June</sup>  
1407 -0.06 -0.87 19 ~~14~~ ~~44~~ 2001  
1410 -0.05 -0.84 17 June 44 2002  

---

1408 -0.06 -0.86

W 12240 19 52.1 -08 40 6.0915  
12.1 48"

5.72 +1.61 +1.94 } 5 July 64 1000  
12.32 +0.38 +0.21 }  
- 11.87 +0.18 6 July 64 1000

AD513038 19 44.7 +31 01

A = W12216 GA8 6.9 +7c SB

A 7.07 +0.30 +0.18 25 Jun 63 100"  
 $\frac{7.05}{7.06} \frac{+0.31}{+0.305} \frac{+0.15}{+0.165}$  28 July 63 "

C 9.73 +0.42 = 0.04 25 Jun 63 100"  
 $\frac{9.68}{9.70} \frac{+0.41}{+0.415} \frac{-0.08}{-0.06}$  18 July 63 "

A0512973 <sup>6.5</sup> 19 473 +19 03

~~5.07 +0.06 +0.08 5.07 +0.08 +0.07 14 Mar 64 100~~

5.11 +0.06 +0.10 24 Oct 100

5.04 +0.04 +0.08 55 Sept 100

5.04 +0.07 +0.09 26 Sept 100

~~8.54 +0.44 +0.01 28 Aug 63~~

~~8.54 +0.42 -0.06 25 Aug 63~~

30 Sept 100

9.07 +0.47 +0.09

9.01 +0.50 -0.03

29 Sept 100

C  
~~9.02 +0.50 +0.09~~

~~9.04 +0.47 -0.07~~

~~9.07 +0.46 -0.06~~

July 7 62

24 Oct 14 Mar 64



W12234 19 51.8 +38 40 26.654

11.0 44<sup>3</sup>.50

A 7.49 6.98 +0.27 26 July 64 60"  
7.54 +0.78 +0.36 29 "<sup>11</sup> "<sup>11</sup>

B - 9.98 +0.87 2 July 64 60"  
11.47 +1.38 29 July 64 60"

ADS12262

W

1953.4

+5937

6.040

-9.3500

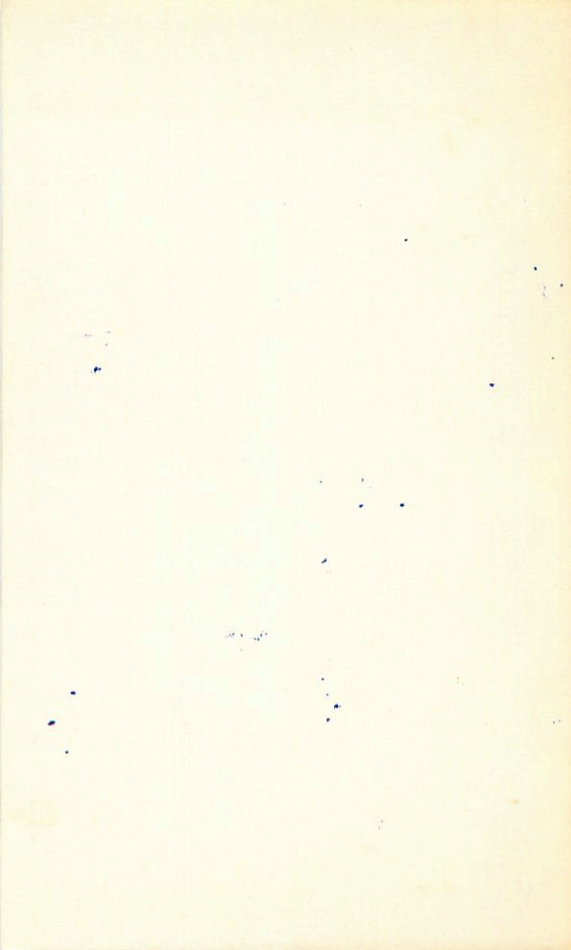
6.06 ± 0.02 + 0.07 28 June 60

9.06 ± 1.05 + 0.87 28 June 60

CV Lysg 19 52.6 + 37 55 1950

10.78	+0.46	+0.14	30 June 64 60'
10.69	+0.49	+0.16	4 Aug 62 60"
10.66	+0.47	+0.13	3 "
11.08	+0.48	(+0.33)	60" 26 June
11.07	+0.48	+0.19	27

B	10.41	+0.71	+0.24	30 June 64 60'
	10.39	+0.73	+0.27	26 June 60"



LTT 15834 19 <sup>11.6</sup> 55.2 +29 26 8.0 FO <sup>1963</sup>  
44

8.03 +0.43 -0.04 21 Jun 63 100'  
8.03 +0.43 -0.04 25 Jun 63 100"  
8.03 +43 -04

A 13.60 +0.62 +0.38 July 9 62 200

~~V 547 egg 19 55.9 +35 30.01950~~  
d  
6.23

13.80 +1.73 +1.53 Rev June 9 1962

13.81 +1.59 +1.23 10

12.99 +1.27 +1.10 11

13.64 +1.66 +1.26 12:40 AM July 62 200

12.94 +1.34 +0.93 12:04 AM 7 " " "

13.17 +1.42 +1.05 13:00 AM 8 " " "

13.36 +1.53 +1.17 13:50 " 9 " " "

13.55 +1.57 +1.35 12:50 AM 10 " " "

14.43 +0.75 +0.25 10

E 14.35 +0.74 +0.35 200 9 June 62

14.38 +0.79 +0.34 " 11 July " "

14.35 +0.75 +0.30 " 9 " " "

14.32 +0.76 +0.23 " 9 " " "

+4103535 19 53.5<sup>3</sup> +41 44<sup>4</sup> 1962

19513126 75 554  
479

020

261  
7.35 +0.79 +0.42 3A

7.40 +0.82 +0.42 60" 2686A<sup>62</sup>

75

815

590

25

2

11 = 0355

A0513278 20 00.2 +49 5-9 1942

5.04 +1.15 +1.03 60" 26 June

897 +1.38 +1.38 60" 26 June



AX Cyp 19 56.0 + 44 09 1962

cont fin

mm

B 8.01 -0.10 -0.39 60" 1942 Sept 26

1943

W 12-104 20 016 +18 24 6.1 112

9.5 47"

5.96 +1.42 +1.40 } 5 July 64 100"

10.41 +1.03 +0.67

03.8 +35 28 1950

A0513361

20 04.2 +35 30

7.76 +20 -74 25nt

7.77 +18 -74 15nt

7.77 +0.17 -0.78 40" 25nt 26"

A 7.77 +0.19 -0.74 } 60" 25nt 26"

7.77 +15 -75 7.79 +0.18 -0.74 } " " 24  
7.76 +0.17 -0.77 " " 24

8.80 +18 -61 25nt

8.80 +0.18 -68 40" 25nt 26"

B 8.85 +0.30 -0.66 } 40 Aug 25

8.78 +25 -67 8.77 +0.26 -0.67 }

8.65 +25 -73 - " " 26

~~8.66 +18 -66~~ 15nt

13223 20 01.9 +16 52 1950

8.78 +0.46 +0.22 25 Aug 63 200"  
8.81 +0.45 +0.24 27 " "

Birdhouse  $\sigma_{m=0}$

9.72 +0.30 +0.15 25 Aug 63 200"  
9.75 +0.29 +0.17 27 " "

11.65 +1.24 +1.00 25 Aug 63 200"  
11.72 +1.26 +0.99 27 " "

6125-59 20 03.1 73534

12.95 +1.03 +0.71 Trip

12.97 +1.04 +0.70 20 Dec. 63 over 4

27 Apr

A \$3.35 +0.86 +0.54 120  $\bar{14}$

+2.7

$\bar{11} = 030$

ADS 13371

20 04.2 +63 46 1942

AB

6.27 +0.09 +0.03 60" 26 June

6.26 +0.10 +0.05 27

6.26      +10      +04

C

11.37 +0.71 +0.24 60" 26 June

11.36 +0.71 +0.25 27

11.36      +71      +24

ADS13362 20 08.8 + 29 37

9.15 + 0.02 - 70.04 24 cent 63 100°

ADS13362 20-04-18 +29 39 20 FS<sup>1963</sup>

9.18 +0.49 (-0.24) 18 Apr 64 100"  
9.19 +0.48 +0.03 14 " " "  
9.17 +0.47 +0.05 18 May 64 100"

9.17



H0191026 20 04.50 +35 50 1950

A0513374

5.33 +0.85 +0.54 110.12 R

5.41 -10.90 +0.50 27 June 60"

ADS 13374 20 04.1 +35 29 15.0

+12 -37.5  
+13 -77.9  
+0.19 -0.74  
+0.16  
+0.10 -0.74  
+0.13 -0.75

6.83  
6.82  
6.82  
6.82  
6.82 +0.12 = 0.76

Sept  
60" 26 Sept  
60 Aug 25 62  
" " 26

2  
Sept  
60" Aug 25  
" " 26

+24 -66  
+24 -46  
+0.23 -0.68  
+0.24 -0.56  
+0.20 -0.66  
+0.23 -66

7.37  
7.34  
7.33  
7.36

7.36 +0.22 = 0.66

F

+0.23  
+0.7  
+25  
+0.19  
+0.23 -36  
-33  
-0.33

1 Sept  
26 Sept

11.42 -0.22 = 0.33  
11.65  
11.43  
11.40

B

29 Aug 20 04.5 +35 41.0 1942

A 4.94 +0.17 +0.06 60" 26 Sept 22

B 6.53 +1.40 +1.17 60" 26 Sept

15.31 +0.09<sup>40</sup> -0.89 14:25

15.31 +0.09<sup>40</sup> -0.90 14:27

15.28 +0.12<sup>40</sup> -0.92 14:37

15.30 +0.12<sup>42</sup> -0.95 14:41

15.27 +0.07<sup>34</sup> -0.88 14:41

15.25 +0.09<sup>34</sup> -0.87 14:43

15.27 +0.11<sup>38</sup> -0.92 14:25

WZ Sge 20 0 5 50 +17 34 1961

V B-V n-B

a 14.27 +1.49 +1.45 200" 2/3 Nov

A 10.08 +1.06 +0.77 Col

B

<del>13.45</del>	<del>+1.45</del>	<del>+1.40</del>	<del>17 Jun 64 200"</del>
13.94	+1.49	+1.50	12 Jun 64 200"
13.92	+1.46	+1.53	13 " " "
13.92	+1.45	+1.56	17 " " "
13.95	+1.45	+1.40	17 " " "
15.37	0.00	-0.92	10 Jun 64 200"

13385 20 04.5 +57 3) 1950

A 9-16 +1.02 +0.81 23 Aug 63 200

BC 12.97 +1.69 +1.18 23 Aug 63 200

15.25

15.25

+0.10

-0.73

13:06

15.33

+0.10<sup>43</sup>

-0.77

13:56

15.38

+0.12<sup>46</sup>

-0.85

13:03

15.31

+0.14<sup>45</sup>

-0.86

14:05

15.28

+0.12<sup>40</sup>

-0.86

:07

15.27

+0.13<sup>40</sup>

-0.87

:09

15.32

+0.13<sup>45</sup>

-0.87

:11

15.35

+0.14<sup>49</sup>

-0.86

:13

15.36

+0.18<sup>54</sup>

-0.86

:15

15.35

+0.12<sup>47</sup>

-0.78

:17

15.33

+0.10<sup>43</sup>

-0.90

:23

2000

Jun 18 AM (64)

~~W12592/3 20 11.7 +0.6 26~~

~~8.0124 +2.56  
8.8264 -1.26~~

-1.8

7.64 +0.71 +0.30  
7.74 +0.64 +0.28

20 Jun 63 100"  
21 " " "

7.94 +0.68 +0.27  
8.01 +0.68 +0.24

21 Jun 63 100"  
21 " " "



40513442 20 07.7 +20 44

B = W 12519 of BS 8.9 ~~data~~ -430

6.52 +0.38 -0.06 25 Jun 63

6.48 +0.38 -0.04 JM

8.41 +0.76 +0.31 25 Jun 63 100"

8.89 +0.76 +0.34 JM

A0513574 20 12.4 -340 1950

6.91 +0.34 +0.05 18 Aug 63  
6.91 +0.37 +0.03 25 Jun 63 100"  
6.94 +0.37 +0.07 16 Aug 63 100"  
6.92 +0.37 +0.05 ③

A

B

8.08 +0.45 -0.02 25 Jun 63 100"  
8.09 +0.45 +0.01 16 Aug 63 100"  
8.06 +0.44 -0.03 18 " "  
8.08 +0.45 -0.01 ③

13572 20 12.4 41 57 1950

AB 6.73 -0.05 -0.36 27 Aug 63 200  
6.69 -0.03 -0.37 5 July 64 100<sup>00</sup>  
6.70 -0.04 -0.33 9 Dec " "

C 10.08 +0.20 +0.11 27 Aug 63  
10.05 +0.21 +0.10 5 July 64 100<sup>00</sup>  
10.01 +0.19 +0.11 9 Dec " "

ADS

135457

20 11.6 +49 02 1950

7.73 0.00 -0.03 22 July 63 200"  
8.00 +0.04 -0.02 23 July 63 200"

10.89 +1.48 +1.24 12 July 63 200"  
11.24 +1.37 +1.32 20 July 63 200"

Play N

20

18.4 + 47 46

6.1 Van N<sup>2</sup>

7.8 6 63"

1943

8.56 + 3.07 + 3.48 30 Jun 64 60'

7.85 + 0.81 + 0.51 30 " " " "

1943  
RS Cyp 20 12-1 +38 37 6.7 Van N  
7.1 B '32"  
9.3 55"

7.56 +2.74 - 29 June 69 60"

B 7.03 +0.48 -0.49 02' 59"

576

13699 20 17.4 T36 26 1550

932 +0.97 +0.71 25 Aug 63 200"

977 +0.98 +0.69 25 Aug 63 200"

C (77 Cys)

12.21 +33 +24 13 July 63 2000°  
12.16 +33 +21 13 July 63 2000°



22 July

20 22.3 +46 45 1550

60:34 11.13 +64 - }  
 :42 11.32 +67 +09 }  
 :48 11.43 +68 +09 }  
 :56 11.43 +69 +08 }  
 1:06 11.29 +66 +08 }

July 13 AM 1563

200"

10.78 +56 +02 24 Aug 63 200"

11.13 +65 -09 7 July 62 200"

10.80 +58 +03 23 Aug 63 200"

10.82 +56 00 9 July 62 200"

10.78 +57 +04 13 July 63 200"

~~12.65 +65 +32~~

10.91 +59 +02 25 Aug 63 200"

(Base)

10:32

11.78 +0.62 +0.06

10:38

11.63 +0.61 +0.05

10:45

11.41 +0.58 +0.04

16.32 +0.58 +0.03

} 27 Aug 63  
28 "

Next 10.80 +0.57 +0.02

ZZ Cye 20 22.3 +46 45 1950

10:34 11.03 +0.04 -

00:42 11.32 +0.67 +0.09 } July 13 AM 1963 200'  
:48 11.43 +0.68 +0.09 }  
:54 11.43 +0.64 +0.08 }  
01:06 11.29 +0.66 +0.08 }

11.13 +0.65 -0.09 July 7 42 200'  
10.80 +0.58 +0.03 23 Aug 63 " "  
10.82 +0.54 0.00 9 42 " "

(over) 10.78 +0.57 +0.04 200" July 13 63  
12.65 +0.65 +0.32 23 Aug 63 200"  
12.63 +0.50 +0.16 13 July 63 200"

12.94 +0.66 +0.11 July 7 42 200'

B 11.95 +0.60 +0.17 ② July 12 1963 200"

12.21 +0.33 +0.24 13 July 63 200'

C 12.06 +0.33 +0.21 1 July 12 1963 200'

D 12.95 + 0.64 + 0.10 12 July 63 over

22  
22  
18

ZZ Cy B

~~12.65 + 0.65~~

12.67 + 64 + 22 24 Aug 63 200"

12.65 + 65 + 32 25 Aug 63 200"

~~12.63 (+150) (+16) 23 Aug 63 200"~~

~~12.94 + 64 + 11 7 July 62 200"~~

~~12.95 + 60 + 17~~

12.68 + 64 + 22 25 Aug 63 200"

12.69 + 64 + 19

~~12.69 + 65 + 17~~

→ 12.68 + 65 + 20 (6)

2421137.4366  
+ 0.62861730

10.75 +0.57 +0.04 2438223.857 nom

10.78 +0.56 +0.02

10.80 +0.58 +0.03

10.82 +0.56 0.00

10.91 +0.59 +0.02

B = +08

Aa 11.00 +0.43 -0.05 } +05  
Ab 11.70 +0.60 +0.03 } +10

11.63 +0.64 - 00:04 AM July 13 1963 2438223.857 .958

11.82 +0.67 +0.09 00:12 .862 .966

11.93 +0.65 +0.09 00:18 .807 .974

11.93 +0.64 +0.08 00:16 .872 .952

11.79 +0.67 +0.08 01:16 .879 .943

B 12.65 +0.65 +0.20 (6)

2421137.2 2438223.870

0.6 = 0.13





D (ZZZ) (Plm Z Z)

12.95 + 64 + 10 13 July 63 200°

11.43	+0.65	+0.09	12.11	12.20
11.43	+0.45	+0.00	<del>11.98</del>	11.93
<hr/>			11.24	11.30
10.60				



B = +0.8

5

B 12.44 +0.57 +0.14; -0.41;

Answer 10.54 +0.49 -0.02 +0.5

mu 11.70 +0.60 +0.03 +10

11.02 11.43 11.88

11.70 12.30 12.33

11.02 10.07

10.54 499 -0.0

Aa 11.00 +0.43 -0.05

Bs 11.70 +0.60 +0.03

B 12.44 +0.57 +0.14;

VV89

2433501.543 + 4.919464

Aug 29  
22:00 ~~29 Aug~~ 1962  
21:09 Sept 4  
19:20 Sept 29  
19:20 Sept 30  
~~2:20 July 14 1964~~  
0:00 Aug 7 1964

2439614.833 0.294 13.78 +188 +1.47  
7906.750 0.374 13.77 +1.91 +1.09  
7912.714 0.586 14.02 +188 +1.57  
7937.639 0.652 14.18 +1.78 +1.82  
7938.639 0.855 14.10 +184 +1.47



~~A0513868~~ 20 25.2 -0.2 15 1942

A 6.72 +0.49 -0.05 29 may 62 100"

6.70 +0.52 -0.02 5

6.76 +0.50 -0.04 29 June 62 100"

6.75 +0.48 -0.03 30  
6.72 +50 -04

7.52 +0.49 -0.03 30 June 62 100"

B 7.47 +0.53 -0.05 28 may 62 100"

7.50 +0.52 -0.02 5

7.48 +0.51 -0.04 29 June 62 100"  
7.50 +0.51 -0.04



13122

20 52.1 +74 35 7.9 d63

29166

7.76 +72 +14 Roman ~~CRV~~ -29.96

199474

7.82 +0.67 +0.15

20"

7.86 +0.67 +0.10

27 June 63

~~7.85~~ +0.64 +0.14

27 July

17.84 768 +13

-14.60

7.20  
+0.16

0.36

-425

low

20.85 20.85

+29.14 +74.6

+5.30

+0.83

0.28

-556

1865 1529

555 531

295 -295

+5.25

+0.83

0.25

-573

44 1300

TX low

-295

+4.00

+0.60

0.38

-418

+3.90

+0.55

0.36

-437

13905 20 272 +35 40 1550

7.25 +1.45 +1.61 26 Aug 63<sup>200</sup>  
7.37 +1.46 +1.70 27 .. "  
7.30 +1.45 +1.73 5 Aug 64 100"

7.32 +1.45 +1.68

1431 +0.78 +0.19 26 Aug 63 200"

1425 +0.76 -0.26 27 .. "

1427 +0.77 +0.28 5 Aug 64 100"  
1429 +0.77 +0.25

W12835 20 30.2 +49 06 5.49 M<sup>2</sup>

103 57" 3200

5.72 +1.59 +1.44 28 Jun 64 60"

10.54 +0.41 -0.07 28 Jun 64 40'



CW del 20 22.9 +13 17

14.20 1404 +0.65 +0.19 21 Jan 63 100"  
0.591 1411 +0.65 +0.19 30 Jan 62 100"  
13.92 +0.67 +0.21 4 Sept 62 100"  
14.23 +0.66 (+0.79) 5 " " "  
13.98 +0.65 +0.21 20 Jan 63 100"

A 13.70 +0.58 +0.06 20 Jan 63 100"  
13.79 +0.53 +0.05 21 " " "

B 13.45 +0.97 +0.79 20 Jan 63 100"  
13.52 +0.96 +0.73 21 " " "

20 22.7 + 13 13 7.5 A2

7508 + 1204322

FR Jul 20 28.0 +12 16

14.0-14.4  
0.67

14.26	+0.48	+0.12	17 Aug 63 100
14.23	+0.52	+0.09	76 Aug 63 100"
14.34	+0.46	+0.09	30 June 62 100"
14.18	+0.51	+0.18	4 Sept 62 "
14.18	+0.49	+0.13	5 " " "
14.64	+0.58	+0.09	21 June 63 100"
14.22	+0.52	+0.15	24 Oct 63 100"

B (14.23 +0.92 +0.64 21 Jun 63 100"

14.39 +0.70 +0.25 17 Aug 63 100"

14.36 +0.30 +0.93 21 Jun 63 100"

14.36 +0.71 +0.21 16 Aug 63 100"

M.27 +68 +26  
24 Oct 63 100"

20 30.7 + 12 35 8.6 AD

#67988 + 1204372

20 26.8 + 12 31 7.2 BS

A67446 + 1204348

V 700 lgg      20      29.4      +38.37      1550

11.23      +0.72      +0.12      31 July 64 200"  
 11.66      +0.75      +0.10      200 July 6 62

over

11.79      +0.77      (20.69)      60" 26 June

11.51      +0.72      +0.15

11.62      +0.76      +0.15

11.69      +0.73      +0.16

27

12.60      +0.87      +0.44      31 July 64 200"  
 12.58      +0.86      +0.40      200" July 6 200

A 12.56      +0.88      +0.48      60" 26 June

12.60      +0.85      +0.45      27

12.59      +0.87      +0.46

B 13.06 + 0.74 + 0.26 31 pages over

C 13.47 + 0.65 + 0.13 31 pages over

12.5  
6.5  
6.0

~~1943~~  
W12856 20 30.5 +81 16 5.6969<sup>158"</sup>

6.9969

11.1 110° 10'

5.42 11.02 +86 20'

5.49 +6.01 +0.87 30 June 60"

6.67 +0.99 +0.80 " " "

11.34 +0.81 +0.43 " " "

W12825

20 29.7 + 49.06

6.5A0

9.260"

1963

6.62 + 0.06

28 June 64 60"

9.54 + 0.48 0.00

27 June 58  
28 June 64 60"



ADS13971 20 30.4 +39 12 9.270<sup>(363)</sup>

10.0 Ann

A 10.14 +0.28 +0.14 5 July 6.4 100'  
10.10 +0.35 +0.10 5 " " "

B 11.00 +0.39 +0.01 5 July 6.4 100'

12953

VWcup

20 38.1 +75 25 280

7.67 +0.88 +0.47 15 Aug 64

7.44 +84 +34 2 Sept

7.55 +0.83 +0.40 30 May 20"

7.44 +0.86 +0.35 60" 26 June

7.40 +0.88 +0.37 27

185 +36

7.4-7.7

+0.88

+0.48

7.74 +0.87 +0.50 16 Aug 64

7.49 +0.89 +0.46 2 Sept 64



12874 20 324 +80 55 6.1 27 8

(100)		(90)	
5.00	+0.92	+1.81	3 July 64
5.98	+0.98	+0.70	5 " "
6.01	+0.94	+0.71	9 " "

ADS 14123      20      <sup>4</sup>37.9      +21      <sup>53</sup>35      1942

8.72	+1.32	+1.27	July 7	62	200
8.65	+1.33	+1.28	Oct 25	"	100
8.68	+1.31	+1.36	28	"	"

10.55	+0.06	-0.19	July 7	62	200
10.53	+0.04	-0.11	Oct 25	62	100
10.50	+0.02	-0.12	28	"	"

14238 20 42.6 +12 33 1550

AB 8.05 +0.44 -0.05 17 Aug 63  
8.04 +0.46 -0.06 15 July

8.06 ~~+0.42 -0.09~~ 19 "  
8.07 +0.46 -0.06 16 Aug 63 100'

a 8.06 ~~+0.9~~ +0.91 18 July

Good 11.09 ~~+1.00~~ +0.82 19 July  
11.08 +1.10 +0.91 16 Aug 63 100'  
11.06 +1.08 +0.90 17 Aug 63 100'

C 8.05 ~~+0.47~~ +0.06 16 Aug 63 100'  
8.11 +0.37 +0.03 18 July

8.12 +0.34 +0.03 19 "  
8.12 ~~+0.37~~ +0.07 17 Aug 63

AB 8.06 +0.46 -0.06 (2)

a 11.06 +1.09 +0.91 (3)

C 8.12 +0.36 +0.04 (3)