

V706 14-00-58 746 31963 9.2 M 2

$\Delta m = 0.31$   
0509505

AB	9.09	8.00	+0.72	2 June 64 1009
	9.09	8.05	+0.83	2 June 64 609

	9.21	+1.49	+1.16	28 June 64 609
	9.22	+1.48	+1.17	29 " " "

1963

V720 14 30.4 +11 31 9.8 MO

9.65 9.00 +0.57 3 July 64 100"  
8.83 8.00 +0.33 6 " " "

9.69 +1.21 +1.17 25 26.5 100"  
9.69 +1.23 +1.19 27 " "  
9.69 +1.20 +1.16 28 " "

V 313 14-33-32 +33 55 <sup>9.3</sup> 9.3 NT

-16

-53

+81

9.56 8.81 +0.53 27 June 64 60"

9.41 (8.59) +0.57 27 June 64 60"

9.59 +1.29 +1.18 28 June 64 60"

9.57 +1.27 +1.15 30 June 64 60"

9.53 +1.25 +1.17 30 Apr 20"

9.55 +1.30 (+1.31) 29 Apr 20"

9.56 +1.28 +1.17

V 884 14-46-34 +38 36 9.5 M2 '963

9.64 8.49 +0.51 2 June 64 100"  
9.55 8.71 +0.54 27 June 64 60"

886  
888  
890  
892  
894  
896  
898  
900  
902  
904  
906  
908  
910  
912  
914  
916  
918  
920

9.77 +1.31 +1.04 28 June 64  
9.76 +1.31 +1.21 30 .. ..

1843

V721 19 30.7 + 5 57 9.8 MO  
HCL 1

10.65 9.94 + 0.62 3 Aug 64 60°  
10.64 9.84 + 0.59 4 Aug " "

10.64 + 1.19 + 1.13 25 28 65 100°  
10.65 + 1.22 + 1.14 27 " "  
10.64 + 1.19 + 1.14 28 " "

V722 14-44-39 +14 41 23 mo p

9.31 8.45 +0.52 20 mg by 100"  
9.21 8.42 +0.54 25 mg by 40"  
(9.25 8.70 +0.59 11 Apr 64 100")

9.30 +1.26 +1.19 51.14 + 92.14  
1001 27 1001 27 64 1001

V157 Flare May 14

Normal +0.625 -0.38 7.58 14 May 66 60"  
+0.64 -0.395 7.64 15 Jun 66 100"

Evolution  $\pm 0.1$  Change all 3 below  $\sim 0.5$

2 hrs later +0.66 -0.43 7.63 14 May 66 ✓  
( +0.59 -0.34 7.62 26 May 66 )

14 52.1 +16.18

V731

14.54-4

+31

33

10.7 MO

1962

11.16 +1.34

+0.55

9 Apr 64 1000"

10.99

+1.30

+1.06

27 March 60"



V729 14-55-00 +21 14 9-9 108

9.40 +103 +0.86 9 Apr 64 100"

9.38 8.94 +0.34 11 Apr 64 100"

9.39 8.98 +0.36 15 " " "

V 733

14 - 59 - 44

<sup>1963</sup>  
+ 14 03 8.7125

9.14 8.44 +0.38 10 Apr 64 100"  
9.11 8.56 +0.38 11 " "

9.14 +1.04 +0.90 25 Jul 65 100"  
9.14 +1.05 +0.91 27 " "  
9.13 +1.04 +0.90 28 " "

V31~~7~~

14-59-30 +45 339.2 MO

1963

9.10 8.22 +0.72 2 June 64 100"  
9.03 8.04 +0.74 26 June 64 60"  
8.94 8.10 +0.71 27 " " "

9.16 11.43 +1.17 28 June 64 60"  
9.17 11.43 +1.19 29 " " "

V731

+0.36 -0.99

9.35 16 Jun 66 400'

+0.35 -0.915

9.24 23 Apr 66 100'

+0.37 -0.95

9.28 27 Apr 66 60"

+0.375 -1.04

9.37 14 Apr 66 60"

(+0.26 -0.875

9.31) 26 May 66 60"

+0.385 -0.99

9.34 15 Jun 66 100'

~~+0.37~~ - ~~0.98~~

~~9.31~~

14 56.5 55.5

2.17  
1.19

5.85  
5.24  
5.60

14 55.6 + 31.36

V159 15-17-40 -07 35 MS

10.58 +1.59 +1.18 9 Apr 64 100"  
10.59 +1.58 +1.23 28 Mar 66 60"

1736 15-12-08 -03 40

9.74 +1.13 +1.01 R

9.85 +1.12 +0.57 5 Apr 64 1000"

9.88 +1.15 +1.10 R

9.78 9.13 +0.48 10 Apr 64 1000"

9.77 9.10 +0.48 11 " " "

V57 15 05.9 +25 04

9.91 +1.36 +6.18 27 mag 64 60"  
9.98 +1.35 +6.26 12 mag 66 60"

15751 15 52.5 +14.24 9.8188 1543

9.78 9.60 +0.44 3 July 64 100"  
9.71 9.08 +0.39 7 " " "

~~9.61 +1.07 (-0.14) 9 July 64 100"~~

9.64 +1.06 +0.85 9 July 64 100"  
9.69 +1.08 +0.92 12 " " "



V318 15-50-26 +11 00 9.110

9.35 8.43 +0.66 25 Mar 64 60"  
9.38 8.56 +0.64 11 Apr 64 100"

9.37 +1.40 +1.24 9 Apr 64 100"  
9.42 +1.39 +1.30 12 " " "

V58

15-20-10

04 38

9.3 MO

9.52 +1.29 +1.22 9 Apr 64 1000<sup>4</sup>

9.50 +1.30 +1.22 62 " " " "

9.42 8.56 +0.55 10 Apr 64 1000<sup>4</sup>

9.44 8.59 +0.57 11 " " " "

V875 16 00.1 +61 77 54 197 9-6 M01567

9.56 9.10 +0.53 26 Jun 64 60"  
9.87 9.06 +0.51 27 " " " "

10.04 +1.29 +1.23 28 Jun 64 60"  
10.04 +1.28 +1.23 29 " " " "

V758 16-05-31 747 361963 9.2128

9.91 9.21 +0.43 2 June 64 100"  
9.49 8.82 +0.43 26 June 60"

9.88 +1.17 +1.07 28 June 60"  
9.56 +1.17 +1.08 29 .. ..

V763 16-19-44 +41 03 1563 9.3Aop

NE 8.09 7.78 +0.40 1 July 64 60"

9.02 8.21 +0.55 2 July 64 60"

8.93 8.15 +0.56 1 July 64 60"

8.97 +1.30 +1.14 28 Jan 64 60"  
9.00 +1.30 +1.18 30 Jan 64 "

DD59979 C

16 13.1 +33

1943 5.15  
57 9.1 p.m.

5.64

5.76 5.38 +0.19 2 June 4.100"

A 5.62 5.31 +0.20

B 6.63 6.33 +0.18

6.51 6.38 +0.16 2 June 4.100" 20 May 64  
100"

C 12.29 10.99 +1.03

12.19 11.08 +1.06 2 June 4.100"

12.24

11.15

10.67 9.52  
1.15 1.50  
7.10

V16( 16 16.2 +55 24 10.0000 1963

9.96 8.95 +0.91 2 July 64 608  
~~9.99~~ 8.79 +0.89 1 July 64 608  
9.95 +1.47 +1.05 30 July 608  
9.99 +1.46 +1.11 29 Jul ..

~~AD5~~ 11771 16-35-22 +3.11 9.5-108

9.47 +1.20 +1.13 9 Apr 64 100"

9.49 +1.21 +1.19 18 Sept 63

9.48 8.79 +0.46 10 Apr 64 100"

9.51 8.82 +0.47 11 " " "



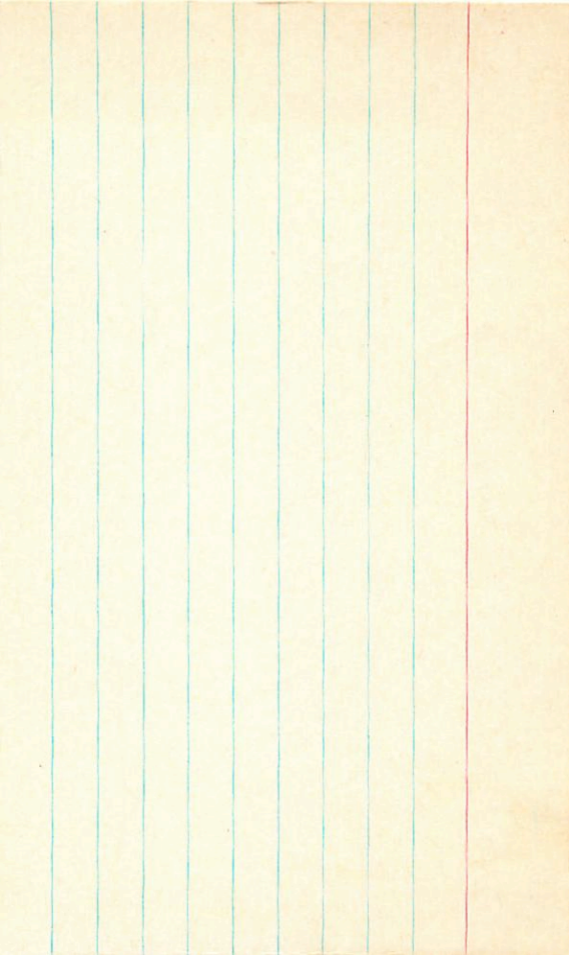
V766 14-26-14 +07 268.8  $\pi$  193

8.89 +1.23 +1.17 9 Apr 64 100"  
8.89 +1.21 +1.23 12 Apr 64 "

8.93 8.15 +0.50 Feb Apr 64 100"  
8.86 8.15 +0.51 14 " " "

V163 16 226 448 29

10.28 +1.48 +1.10 25 July 100''  
10.26 +1.49 +1.09 28 '' ''



2U772A 16 38.3 + S2 42 28 128

1 m 6" Exclud

A 9.96 9.44 + 0.48 1 July 60  
A 10.02 9.48 + 0.49 2 " " "

AB 9.80 + 1.03 + 0.91 28 June 60  
A 10.04 + 1.12 + 0.91 29 " " "  
AB 9.79 + 1.15 + 0.95 30 " " "

V776 16-44-06 + 33 53 9-6 18 1563

9.42 +0.98 +0.65 9 Apr 64 100"  
9.48 +0.95 +0.68 14 " " " " " " " "

(9.53 9.00 +0.33) Clouds 2 for 64 100"  
9.43 9.03 +0.37 10 Apr 64 100"  
9.46 8.99 +0.37 11 " " " " " " " "

AD510188 16 42.8 +43 34 1963

V774

8.41 7.80 +0.37 2 Jun 64 100'

8.30 7.80 +0.34 17 May 64 60"

+6.7

8.36 +104 +0.92 2 20"

1781 16-44-24 +47 48 14639.3 128

9.52 8.85 +0.42 2 Apr 64 100"  
9.32 8.58 +0.43 27 Apr 64 60"

9.47 +1.19 +1.04 29 Apr 64 60"

V779 16-44-26 +18 588291081563

885 +102 +0.87 90964000  
888 +102 +0.91 121111

8.94 8.55 +0.39 11Apr64000  
8.93 8.41 +0.40 15 " " "



V320

16 49 37

+38

22 9.5

78.5  
5.2  
83.7

10.52

+1.61

+1.90

28 June 60"

near  
York

10.57

+1.61

+1.82

15 July 60"

10.56

+1.57

+1.84

25 July 60"

10.56

9.54

+1.01

2 June 64 100"

9.38 +1.02

10.28

9.19

+0.98

27 June 60"

9.99

+1.20

+1.64

28

" "

9.52 +0.95

+0.59

28 July 65

100"

GL 23043 A  
W04636 B

LFTB16/7

17 02.4 -4 59

-404225/6

G19-13/14

.087 (76)

MSE +28.5 7.76 +115 +1.05

7.08 70.49

(5.67)

MSE +10.07 +1.44 +1.06

8.49 +0.895

(5.67)

MSE

(275)



→ very steep  $D_m > 3 \mu m$  24" E

V887 16 56 55 147 24 1963 76K8

884

60<sup>y</sup>

87 771 7.26 +0.38 17 May 64

773 7.07 +0.37 27 June 64

779 7.79 +1.00 +0.79 28 " " "

774 7.74 +0.99 +0.78 29 June 64

86 7.87 7.45 +0.35 17 May 64

788 7.22 +0.33 20 June 64

794 7.94 +1.00 +0.82 28 " " "

789 7.89 +1.00 +0.81 29 " " "

V790 17-09-20 +54 32 1963 8.8 MS

W 9.37 +1.26 +1.14 29 " " "  
9.26 8.44 +0.50 26 June 64 60"

9.33 8.43 +0.35 2 June 64 100"  
9.35 +1.27 +1.14 28 " " 60"

NE 9.83 7.70 +0.42 2 June 64 100"

S 8.70 7.95 +0.45 26 June 64 100"

8.89 +1.16 +1.11 28 June " "

8.90 +1.16 +1.07 29 " " "

W10114 17 27.4 +29 26 99 dmo

9.00 +1.13 +0.58 20"  
8.94 +1.13 +0.58 20"

K61

9.04 +1.15 80.1 +1.08 12 Apr 4100"  
9.01 +1.12 80.1 +0.98 20"  
9.01 +1.16 80.1 +1.03 15 Sept 60"

AD510585

~~8.89~~ +1.14 85.04  
9.01

9.05 8.29 +0.47 20 May 64100"  
8.89 8.19 +0.49 25 Mar 64100"

8.98 8.46 +0.46 10 Apr 64100"

~~8.98~~ 8.46<sup>104</sup>

9.43 8.31

94 8.35

V167 17 12.0 +42 27 9.9 M 2 1993

9.78 +1.15 +1.05 28 June 46<sup>0</sup>

near

10.04 9.04 +0.63 26 June 46<sup>0</sup>

10.10 +1.28 +1.14 28 June 46<sup>0</sup>

V165

17 11.0 +45 45<sup>1963</sup> 9.5M2

orbit

9.31 8.20 +1.09 2 June 4 100"

9.39 8.14 +1.08 Nov

[ 9.24 8.02 +0.74 26 June 4 60"  
9.04 8.08 +0.72 27 " " "

9.40 +1.49 +1.00 28 June 4 60"

9.39 +1.49 +1.02 29 " " "



V795 AD

17 35.8 +27 55 9.5 1563

209 "qu"

9.17 8.73 +0.46  
9.18 8.64 +0.48

11 Apr 64 100"  
15 " " "

0.24

9.24 +1.17 +1.13 258g AD3  
60"

8.70

9.26 +1.16 +1.16 12 Apr 64 100"

8.25  
8.65 10.72  
6

8.68 +47

9.43  
7.81

8.21

10.72  
9.94  
8.26

~~11.83~~

8.96  
7.34

C

11.73 +1.44 +1.24

78

11.93 10.73 +0.72  
11.94 10.79 +0.82  
11.93 10.65 +0.77

12 Apr 64 100"  
20 May 64  
15 Apr 64 100"  
11 Apr 64 100"

V321 17-28-36 +0.5-35-85 M 1563

9.33 8.34 +0.75

18 Apr 64 100<sup>4</sup>

9.27 8.50 +0.76

20 May 64 100<sup>4</sup>

800  
400  
100

9.33 +1.47 +1.24 187 May 64 100<sup>4</sup>

V169 17 36.1 +1835<sup>1563</sup> 28m2

9.61 +1.54 +1.20 4 July 64 1000<sup>r</sup>  
9.63 +1.52 +1.20 5 " " " "

9.4  
8.58 + 48 1Pm  
8.48 + 825 (2)

9.62 8.52 +0.86 6 July 64 1000<sup>r</sup>  
~~9.91 7.71 +0.83 3 " " "~~

V323 17 36.8 +71 55 8.6 128

(96)

8.45 299 +0.42 17 may 64  
8.72 298 +0.44 26 jun 64

8.64 +1.10 +1.04 28 jun 64  
8.61 +1.09 +1.03 30 " "

4050675

17 26.4 +22 59 ~~95~~ 1963

V170 AB

9.30 8.59 +0.62 18 Apr 64 100"

~~9.30~~

9.37 +1.33 +1.28 12 Apr 64 100"

9.34 +1.37 +1.24 15 Sept 63 60"

N

10.05 +1.35 +1.24 12 Apr 64 100"

10.02

9.20

+0.60

15 Apr 64 100"

10.07

9.24

+0.60

20 May 64 100"

S

10.24 +1.37 +1.33

12 Apr 64 100"

10.22

9.34

+0.63

20 May 64 100"

10.12

9.26

+0.66

15 Apr 64 100"

V322 17 36.8 +68 25 9.1MS

9.20 +1.50 +1.02 28 June 60  
9.07 +1.51 +1.04 30 " "

9.50 +1.10 11 Nov

9.25 8-04 +1.13 26 June 60

V798 17 54.2 +18 3190 1963

for

about 10" 200"

9.23 +1.19 +1.16 15 Sept 63 60"

9.26 +1.18 +1.16 17 Apr 64 100"

check with?

~~15 Sept 60~~  
1963

9.20 8.62 +0.47 11 Apr 64 100"

9.17 8.63 +0.49 15 Apr 64 100"

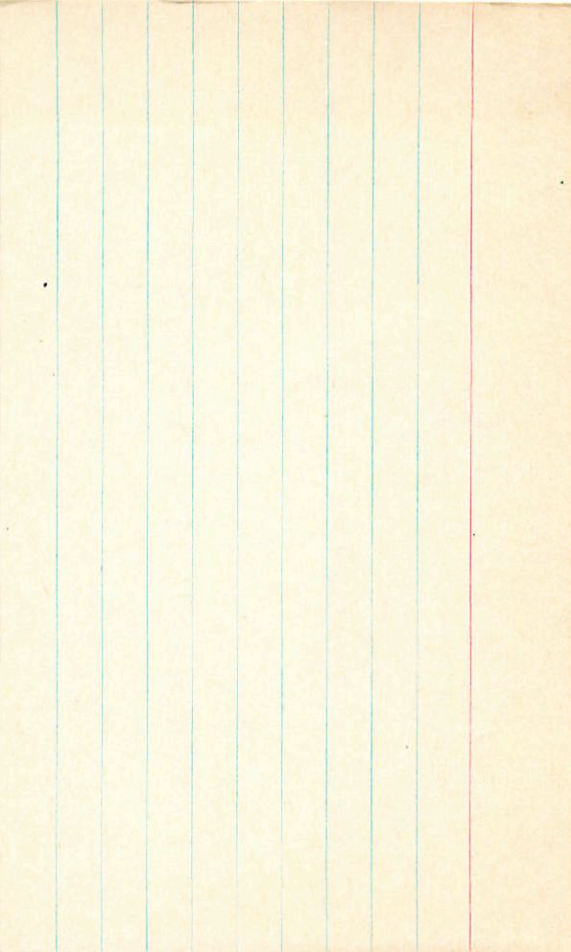
N797 17 51.4 121 19

$21.96$   
 $1.46$   
 $+0.36$   $75.7$   $4.04$   
 $84$   $7$

$8.49 + 0.55$   $10.69$   $25.265$   $100$   
 $8.48 + 0.95$   $10.71$   $27.11$

$10.99 + 0.52$   $10.73$   $10.99$   $10$  ?





V172 □ 39.1 +71 21 9.2 118 <sup>1963</sup>

off. cp 13" sm = 4 each.

9.60	8.46	+0.42	18 May 64	60"
9.27	8.53	+0.45	26 Jun 64	60"
9.20	+1.10	+0.99	28 "	" "
9.16	+1.10	+1.03	30 "	" "

V800 18 16.7 -6 42 9.3 RF 1963

9.26 +1.07 +0.91 18 mg 64 100"

9.23 8.70 +0.38 20 mg 64 100"