

13408 21⁶ 17.4 +62°22

Aug 2 '62 2.46 0.22 0.12 (20)

Sep 2 '62 2.44 0.19 0.13 (20)

Oct 3 '62 2.44 0.20 0.08 (20)

Oct 15 '62 2.39 0.24 0.24 (20)

Oct 16 '62 2.42 0.21 0.11 (20)

Sep 130 '62 2.44 0.21 0.10 (20)

Sep 124 '62 2.39 0.22 0.12 (20)

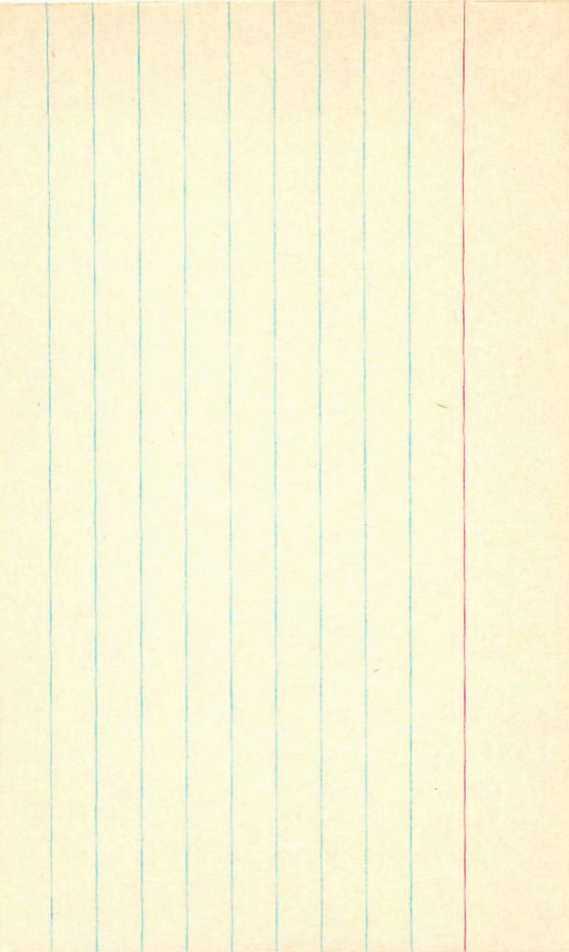
Sep 156 '62 2.42 0.22 0.13 (20)

Oct 17 '62 2.44 0.18 0.11 (20)

Oct 17 '62 2.44 0.21 0.10 (20)

13487 21 24.44 -21 25 5.79 + 1.44 1.74
JK

582 1.44 1.71 9.44 (20)
577 1.42 1.81 11.44 (20)
584 1.43 1.80 14.44 (20)
583 1.42 1.76 7.44



13556

21^h 32.1

+45° 22

7 July 4.00 90 56

Sep 17 '62	4.02	0.88	0.53 (20)	July 13, 64	3.98	88	54 (20)
Aug 15 '63	4.01	0.89	0.54 (20)	Aug 26 64	4.00	88	54 (20)
July 27 '63	4.02	0.89	0.56 (20)	" 1 "	399	89	52 (20)
July 21 '63	4.00	0.87	0.53 (20)	" 16 "	398	88	53 (20)
July 25 '63	4.01	0.88	0.54 (20)	" 15 "	399	88	55 (20)
Aug 13 '63	3.99	0.89	0.55 (20)	" 14 "	398	90	55 (20)
June 27 '63	4.03	0.86	0.59 (20)	" 13 "	397	88	54 (20)
June 27 '63	4.03	0.88	0.56 (20)	" 3 "	400	89	54 (20)
9 July 64	3.98	87	52 (20)	Set 2 "	396	90	64 (20)
" " "	399	88	55 (20)	July 3	398	88	54

13579 21^h 35.0

Sep 3 '62 6.22 0.06 0.04 (20)
Sep 10 '62 6.25 0.07 0.06 (20)
Sep 17 '62 6.21 0.05 0.08 (20)
Oct 17 '62 6.23 0.06 -0.02 (20)

13556 21^h 32.1 +45° 22

July 6 '62 3.97 0.88 0.54 (20) Sep 128 '62 4.02 0.88 0.53 (20)
July 16 '62 3.98 0.93 0.49 (20) Oct 3 '62 4.03 0.88 0.55 (20)
July 17 '62 4.02 0.88 0.59 (20) Sep 23 '62 4.06 0.88 0.55 (20)
July 18 '62 3.99 0.90 0.56 (20) Sep 26 '62 3.98 0.89 0.55 (20)
July 30 '62 4.04 0.87 0.51 (20) Oct 1 '62 4.04 0.89 0.55 (20)
July 31 '62 4.02 0.87 0.52 (20) Sep 24 '62 4.03 0.89 0.58 (20)
July 16 '62 3.98 0.93 0.48 (20) Sep 129 '62 4.07 0.83 0.57 (20)
Aug 29 '62 3.99 0.89 0.45 (20) Sep 1 '62 4.00 0.88 0.52 (20)
Aug 19 '62 4.00 0.89 0.52 (20) Sep 4 '62 4.00 0.90 0.50 (20)
Aug 21 '62 3.98 0.88 0.52 (20) Sep 16 '62 4.02 0.89 0.61 (20)

G802-2

19^L 28.7

+20°12 (1960)

Aug 23 '63	9.88	0.26	0.13 (200)	Oct 24 '62	9.92	0.25	0.13 (100)
July 12 '63	9.87	0.26	0.10 (200)	Oct 25 '62	9.89	0.27	0.13 (100)
July 14 '63	9.87	0.27	0.10 (200)	June 20 '63	9.89	0.24	0.13 (100)
July 15 '63	9.91	0.26	0.11 (200)	June 21 '63	9.89	0.27	0.16 (100)
Aug 24 '63	9.92	0.25	0.12 (200)	June 25 '63	9.90	0.26	0.14 (100)
Aug 25 '63	9.87	0.25	0.11 (200)	July 21 '63	9.83	0.25	0.11 (200)
Aug 27 '63	9.90	0.26	0.11 (200)				
Aug 16 '63	9.89	0.24	0.16 (100)				
Aug 17 '63	9.86	0.26	0.16 (100)				
Aug 18 '63	9.88	0.20	0.13 (100)				

W11961 19^h 31.1 +03° 39

Sep 130'62 6.99 0.01 -0.78(100)

6823-1 19^L 41.5 +23°13 (1960)

June 10 '62 8.85 0.62 0.05 (200)

June 11 '62 8.85 0.62 0.09 (200)

Apr 22 '63 8.76 0.62 0.08 (200)

Sept 30 '62 8.79 0.64 0.06 (100)

6823-2 19^h 41.5^m + 23° 13' (196.)

Apr 22 '63 9.31 0.54 -0.50 (200)

July 12 '63 9.35 0.53 -0.52 (200)

July 15 '63 9.36 0.54 -0.51 (200)

Sep 130 '62 9.30 0.56 -0.55 (100)

Sep 14 '62 9.34 0.55 -0.55 (100)

Sep 15 '62 9.36 0.49 -0.52 (100)

June 25 '63 9.37 0.52 -0.55 (100)

6823-3 19th 41.5 +23° 13 (1960)

June 10'62	9.45	0.76	0.22 (200)	Sep 13'62	9.38	0.80	0.21 (100)
June 11'62	9.45	0.76	0.23 (200)	Sep 15'62	9.44	0.71	0.21 (100)
Apr 22'63	8.88	0.80	-0.19 (100)	June 15'63	9.43	0.75	0.22 (100)
July 12'63	9.43	0.76	0.20 (200)				
July 13'63	9.45	0.77	0.23 (200)				
July 15'63	9.43	0.76	0.23 (200)				
May 28'62	9.41	0.77	0.19 (100)				
May 30'62	9.42	0.77	0.22 (100)				
June 29'62	9.45	0.76	0.25 (100)				
July 2'62	9.44	0.76	0.22 (100)				

6823-4

19⁶ 41.5

+23°13 (1960)

June 10'62 9.78 0.42 -0.58 (200)

May 28'62 9.75 0.43 -0.61 (100)

May 30'62 9.75 0.43 -0.59 (100)

6866-3 20⁶ 02.6 +44° 02 (1960)

Sep 12662 11.13 0.27 0.25(100)

6871-1 20^W 04.5 +35°37' (1960)

Apr. 462 6.78 0.12 -0.73 (200)

6871-2 20⁶ 04.5 +35° 37' (1960)

Apr. 4 '62 7.28 0.25 -0.61 (200)

6871-3

20⁶ 04.5

+35°37'(1960)

Apr. 4 '62 7.34 0.22

-0.62 (200)

IL
4996-1

20 15.7 +27 30

June 9 '62 7.65 0.31 -0.56 (200)

June 11 '62 7.68 0.31 -0.57 (200)

June 18 '62 7.67 0.32 -0.60 (200)

July 14 '62 7.57 0.32 -0.60 (200)

July 30 '62 7.61 0.31 -0.61 (200)

July 2 '62 7.61 0.30 -0.57 (100)

4996-2

June 11 '62 8.56 1.13 1.08 (200)

June 18 '62 8.59 1.14 1.08 (200)

Aug 29 '62 8.51 1.15 1.02 (200)

July 2 '62 8.53 1.14 1.02 (100)

4996-5

June 11/62 9.49 0.37 - 0.53 (200)

6910-1 20^k 21.6 +40° 40 (1960)

Apr 4 '62 7.33 1.18 1.03 (200)

6910-2 20^h 21.6 +40^v 40(1960)

June 28 '62 8.14 0.05 -0.72(100)

6910-3 20^h 21.6 +40°40'(1960)

Apr 4'62 8.50 0.89 -0.15 (200)

6910-4 20^h 21.6 +40°40 (1960)

Apr 62 9.99 0.47 0.01 (200)

6910-5 20^h 21.6 +40°40' (1960)

Apr 4'62 10.05 0.22 0.01 (200)

June 28'62 10.05 0.21 0.11 (100)

6910-9 20^h 21.6 +40°40' (1960)

Apr 4 '62 10.75 0.18 0.13 (200)

6913-1

20^h 22.7

+38° 23 (1960)

Aug 23 '63 8.59 0.43 0.08 (200)

July 13 '63 8.65 0.41 0.06 (200)

July 14 '63 8.54 0.52 0.01 (200)

July 15 '63 8.57 0.44 0.06 (200)

Aug 24 '63 8.61 0.43 0.08 (200)

Aug 25 '63 8.59 0.43 0.07 (200)

Aug 26 '63 8.58 0.43 0.07 (200)

June 28 '62 8.60 0.43 0.10 (100)

June 29 '62 8.58 0.43 0.10 (100)

Sept 26 '62 8.63 0.42 0.08 (100)

6913-3 20^L 22.7 +38°23 (1960)

July 13 '63 8.84 0.90 -0.06 (200)

July 14 '63 8.85 0.90 -0.06 (200)

July 15 '63 8.85 0.92 -0.07 (200)

Aug 24 '63 8.89 0.88 -0.06 (200)

Aug 25 '63 8.91 0.90 -0.05 (200)

Aug 26 '63 8.88 0.90 -0.05 (200)

June 28 '62 8.90 0.89 -0.06 (100)

June 29 '62 8.89 0.89 -0.07 (100)

Sept 26 '62 8.88 0.89 -0.08 (100)

6913-4 20^h22.7 +38°23 (1960)

June 29th 8.93 0.76 -0.20 (100)

6913-6 $20^{\circ}22.7$ $+38^{\circ}23$ (1960)

June 29 62 9.39 0.78 -0.17 (100)

W12872 20^h 32.2 +24°54

~~Oct 24'65 11.47 -0.08 -0.85(200)~~

Oct. 24'63 11.47 -0.08 -0.85(100)

7067 -1 21622.9 +47°51 (1960)

Sep 26 '62 9.47 0.17 0.12 (100)

Aug 14 945 17 09 200

ix 11.74 92 502 200^m

W13579A 21^h 35.0 -00°37

Aug 18'63 6.22 0.07 0.05(100)

-09°19

214 42.3

W13666

Oct 26 '62 5.11 1.13 0.96(100)

7128-1 21^h 42.5 +53° 32' (1960)

Nov 20 '62 7.81 1.06 0.85 (200)

July 14 '63 7.87 1.07 0.84 (200)

July 15 '63 7.86 1.04 0.85 (200)

7128-2 21642.5 +53°32 (1960)

Nov 20 '62 10.03 0.32 0.27 (200)

July 14 '63 10.26 0.23 0.27 (200)

July 15 '63 10.16 0.30 0.14 (200)

7142-1

21 44.1 +65 35

June 10'62	10.11	0.49	-0.02(200)	July 5'63	10.14	0.49	-0.01(200)
June 11'62	10.12	0.47	0.00(200)	July 26'63	10.15	0.49	0.00(200)
July 5'62	10.12	0.50	-0.01(200)	July 31'64	10.19	0.49	0.02(200)
July 6'62	10.12	0.48	0.00(200)				
July 7'62	10.13	0.49	-0.01(200)				
July 8'62	10.13	0.45	0.00(200)				
July 9'62	10.11	0.49	-0.00(200)				
July 13'63	10.05	0.48	0.00(200)				
July 14'63	10.12	0.49	-0.00(200)				
July 14'63	10.14	0.48	0.00(200)				

7142-2

June 10 '62	10.70	1.30	1.16 (200)	July 15 '63	10.70	1.30	1.13 (200)
June 11 '62	10.73	1.29	1.14 (200)	Aug 26 '63	10.70	1.32	1.07 (200)
July 5 '62	10.70	1.35	1.07 (200)	July 31 '64	10.75	1.31	1.13 (200)
July 6 '62	10.69	1.33	1.08 (200)				
July 7 '62	10.73	1.33	1.09 (200)				
July 8 '62	10.72	1.29	1.12 (200)				
July 9 '62	10.70	1.31	1.12 (200)				
July 13 '63	10.65	1.31	1.10 (200)				
July 14 '63	10.69	1.30	1.08 (200)				
July 14 '63	10.71	1.29	1.08 (200)				

7142-4

July 5 '62 12.68 1.51 1.34 (200)

July 6 '62 12.68 1.50 1.34 (200)

July 7 '62 12.72 1.49 1.36 (200)

7209-1 22⁶ 03.6 +46° 17 (1960)

July 5 '62 8.48 0.37 0.14 (200)

July 6 '62 8.50 0.36 0.15 (200)

July 9 '62 8.53 0.34 0.15 (200)

Aug 29 '62 8.50 0.35 0.18 (200)

7209-2 22603.6 +46°17'(1960)

Aug 29 '62 9.44 1.58 1.73 (200)

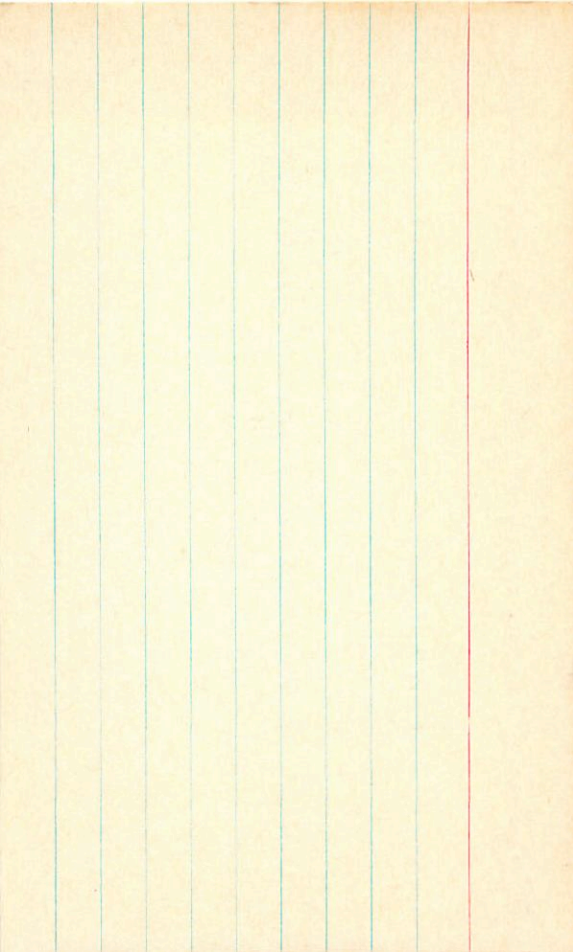
7235

22 11.1

+57 03

1
888 + 84 + 13
884 85 15
(200)
000
8.80 + 85 + 12

3
10.96 + 69 - 25
1103 70 - 25
(200)
000
10.95 69 - 25



7235-2 22^h11.1 +57°03(1960)

July 12 '63 10.60 0.67 -0.32(200)

7235-3 22⁴11.1 +57°03 (1960)

July 12 '63 10.99 0.67 - 0.24 (200)

7261-1 22^h 18.7 +57° 51' (1960)

Nov 20 '62 9.57 0.86 0.46 (200)

July 12 '63 9.63 0.85 0.44 (200)

July 13 '63 9.61 0.85 0.47 (200)

Aug 24 '63 9.63 0.84 0.45 (200)

7261-3 22⁶ 18.7 157° 51' (1960)

Nov 20 '62 10.75 0.90 -0.05 (200)

July 12 '63 10.77 0.89 -0.07 (200)

July 15 '63 10.78 0.87 -0.06 (200)

Aug 20 '63 10.81 0.89 -0.06 (200)

V207 AB

22^h 26.3

57° 27 (1950)

NO. 4'63 9.59 1.65 1.27(60)

" " 9.58 1.66 1.30(60)

7510-1 2349.1 +60°21

July 562 8.79 0.35 -0.21(200)

July 662 8.80 0.35 -0.20(200)

7510-2 23⁴9.1 $\pm 60^{\circ}21$ (1960)

July 5'62 9.14 0.34 0.11 (200)

7510-3 23⁴9.1 +66°21 (1960)

July 5 '62 9.66 0.83 -0.24 (200)

July 9 '62 9.67 0.81 -0.23 (200)

7510-4 23^h 9.1 +60° 21 (1960)

July 5 '62 10.40 0.49 -0.12 (200)

July 6 '62 10.42 0.48 -0.09 (200)

July 9 '62 10.43 0.48 -0.11 (200)

7510-5 23⁶9.1 +60°21 (1960)

July 5 '62 10.74 0.86 -0.22 (200)

W14669 23^h 20.5 -11^m 03

Del 286x 7.83 0.90 0.57 (100)

7654-2 23^h 22.7 +61° 23' (1960)

Nov. 20 '62 8.25 1.12 0.78 (200) Aug 27 '63 8.29 1.12 0.77 (200)

Dec 17 '63 8.15 1.13 0.76 (200)

Dec 20 '63 8.28 1.11 0.75 (200)

Dec 20 '63 8.27 1.11 0.76 (200)

Dec 23 '63 8.25 1.12 0.76 (200)

Dec 23 '63 8.25 1.12 0.76 (200)

Aug 23 '63 8.31 1.11 0.79 (200)

Aug 25 '63 8.32 1.11 0.80 (200)

Aug 26 '63 8.26 1.12 0.76 (200)

Aug 27 '63 8.28 1.11 0.76 (200)

V 2A

0^h 59.4 +62° 05 (1950)

Red

Dec. 2 '63 9.57 8148 +0.88 (60)

Dec. 3 '63 9.57 8142 +0.87 (60)

" " " 9.55 8143 +0.88 (60)

Blue

9.57 +1.50 +1.21

9.55 +1.50 +1.20 4 Dec 63 604

14274 22⁶ 40.9 -19°06

Aug 1 '62 4.73 1.38 1.59(20)

Sept 27 '62 4.70 1.37 1.56(20)

Oct 13 '62 4.74 1.35 1.57(20)

Sept 21 '62 4.69 1.37 1.56(20)

Sept 30 '62 4.70 1.37 1.55(20)

Oct 2 '62 4.70 1.36 1.53(20)

1843-4

Sept 2662 10.07 0.37 -0.11 (100)

1848-1

Sp 126'62 7.10 0.38 -0.64(100)

1805-2

Aug 29 '62 8.12 0.77 -0.48(200)

1805-3

Aug 29 '12 8.43 0.42 -0.63 (200)