-47 0 +60

97240 11 08 40 -77 41 8.51+46

✓✓

8.52 -408 880 -409 2.175 8 Mar 79
8.53 -415 883 -440 2.177 9 Mar 79
8.52 -412 882 -425 2.176

291 156 488 2168

98019 11 15 15 -20 35 7.867

7.64 -62 1208 -411 12 pts ✓ +33

7.67 -70 1226 -447 24 pts ✓ -17 -4

7.66 -65 1236 -470 18 pts ✓

~~7.66 -66 1231 -460~~ ②

4 pts 7.14 +0.344 5 pts ✓

7.64 -454 1507 -424 7.18 +0.336 6 pts ✓

*7.66 -456 1501 -437 ~~7.18~~ +0.340

12 pts

98438 11 18 25 −48 04 8.18 B1 V

XR (1)

8/4/82 8.17 −288 905 −314 2.153 −2.6

14/4/82 8.19 −294 911 −312 2.153 −21 −9

8.18 −290 908 −316 2.153

XR (2)

7.99 +0.196 6/4/82

8.03 +0.209 20/4/82

8.01 +0.202

-84 -3 -84

98722 √ 11 19 55 -58 22 802 +39

8.03 -444 868 -281 2.204 8 March

8.04 -451 862 -264 2.204 9 11

8.04 -448 865 -272 2.204

254 41 643 2641

+8

98952 √ 11 21 55 −16 30 8.1 F5 III

98932

7.99 −407 918 −129
8.08 −402 906 −117
8.04 −404 912 −123

2.192 16 26 79
2.202 16 20 24
2.197

97866 ✓ 11 21 25 -30 47.5 8.16 +52 (+18) FGD

8.10	-375	861	-377
8.18	-368	861	-391
8.14	-372	861	-394

333 137 528 2631

2.150 16 Feb 79
2.158 6 Mar 79 40"
2.154

99058 ✓ 11 22 50 -21 09 8.1 F4II +14

8.08 -377 883 -440 2.142 16 Feb 79
8.08 -371 867 -417 2.150 6 Mar 79
8.08 -374 875 -428 2.146

331 150 482 2622

99332 ✓/ 11 24 35 -27 25.5 2.93+32 +86

2.56 -510 914 -207 2.2531626779

2.55 -443 886 -188 2.2476770779

2.56 -502 900 -198 2.250

147 123 720 2.746

94873 11 28 20 +00 44.5 2.4154481

(+) (+)

200 +105 1491 -484 18/2/82 -15
201 +114 1482 -452 15" -45 +6
200 +110 1486 -488

6.30 463
6.29 464
6.30 464

R (+) (+)

[8.67 +0.541] 6/2/83
[8.76 +0.543] 20/2/83

1UV2J8 11 30 55 -61 39.5 J99 GOTB

-9.7

+4 +6

Jones

FSI6

100551 √ 11 33 10 −12 45 8.1 F5 $\pm$ (−6 written above)

8.36 −384 852 −429 2.144 1626 79

834 −385 851 −463 2.150 67 24

830 −384 852 −470 2.147

321 129 439 2623

101360 11 38 35 -57 34.5 8.20 64 TV

(1) 8.20 -255 948 -380 11jun86 +10

8.21 248 950 -381 19jul82 Δm=0 0.8

8.22 -257 954 -362 24jul82

8.2[illegible] -25[illegible] 95[illegible] -380 (3)

255 +0.210 6jul82

8.03 +0.220 20jul82

8.01 +0.215

* 8.20 -645 1243 -405 11jun84

101964 ✓ 11 43 02 −04 41 8.1 F4D +14

7.55 −427 885 −845 2185 16279
7.56 −433 881 −329 2.179 6 more 79
7.56 −430 883 −337 2.182

272 157 576 2.605

102165 11 44 25 -21 22 7.6 F7 IV
20°3500 +19

+6 -87

(X)(Y) 780 -373 843 -337 2.183 18.7
783 -373 840 -347 2.177 19
782 -373 842 -342 2.180

102149 11 4# 20 -36 12.5 7.86 M1 III

−35°07'44"

9m 20"5 E

optical

⊗ ⊗

+36.5

+32 −70

7.86	−41	1257	−475	18 28 82
7.87	−48	1266	−481	19 21 82
7.86	−44	1262	−478	(2)

[9.81 +0.449] 20 21 82

7.37	+0.362	6 21 82
7.45	+0.381	20 21 82
7.41	+0.372	

X

102651 11 48 00 -09 00.5 7.5 GC II

(+)(+)

741 -46 1208 -403 1782 +14

740 -48 1197 -493 1921 0 +5

740 -42 1202 -468 (2)

R(+)(+)

6.92 +0.337 5.802

9.29 +0.403 6.7827

6.92 324

6.92 330

+14 Var)

102652 V 11 48 00 −12 30 8.3 F2 IV

8.47	−451	853	−340	2.197	162879
8.44	−440	858	−357	2.213	620779
8.46	−446	855	−348	2205	

103170 11 51 85 -63 035 7.70 KI III

Dun/

r2.2

~~62+2~~

KIW03IV

104415 ✓ 12 00 20 -21 24.5 8.3 PG +61

Δm 20.7

2"

ADS 8354
"
1.5

86-94

8.26 -374 881 -503 2.132 167879

104724 12 02 35 -72 04.5 25965

+24.4

8.03 -221 932 -419 242f82
8.04 -238 967 -442 252f82
8.05 -231 955 -429 3mm82
8.04 -234 961 -435 (2)

475

478

7.28 +0.273 202f82
7.21 +0.262 pgmm82
7.24 +0.267 (2)

105187 12 05 40 -09 18 8.1 F7 III

Δ0.288 —6

41 34

8.62 -343 866 -408 2.168 18 2182

8.64 -344 875 -428 2.164 18 2482

8.63 -354 870 -418 2.166 (2)

7.43 FFB +6.7

105577 ✓ 12 08 15 -42 43.5

. ± up?

7.54	-384	.887	-429	2.158	3Mar80
7.55	-370	.878	-421	2.107	2"
7.54	-377	.882	-420	2.162	

325 160 478 2.144

423

+010

+4.0

+46 -34 +324

105736 ✓ 12 09 15' -55 00.5' 8.06 +42

8.09 -480 870 -352 2192 8 Mar 79

8.10 -420 854 -823 2.187 9 "

8.10 -425 862 -862 2.190

275 135 550 2.674

105956 12 10 35 -47 08 7.82 [illegible]

7.84	-6	1065	-277	31 Jan 83
7.83	-14	1064	-248	24 Feb 82
7.84	-12	1092	-313	25 Feb 82
7.87	-17	1030	-175	3 Mar 82
7.86	-25	1040	-279	20 Mar 82
7.85	-15	1078	-275	(4)

+6.6

=12 0

7.38	+0.401	20 Feb 82
7.31	+0.405	19 Mar 82
7.35	+0.403	

-38 -44 +8.4

106906 12 16 45 -55 51.5 7.78 +46

✓

7.82 -412 874 -410 2.173 8 Mar 79
7.83 -413 866 -412 2.188 9 Mar
7.82 -412 870 -411 2.180

241 145 500 2662

8.34 F8 V

107544 ✓ 12 23 25 -61 48

-15.7

F2 III HC

8.37	-229	853	+267	2.211	3MM80
8.40	-211	837	+257	2.206	8"
8.34	-220	845	+266	2.210	

488 126 1.261 2208

108203 ✓ 12 24 45 -04 44 8.1 Fev -15

8.20	-362	848	-495	2.151 162675
8.20	-385	860	-459	2.158 8 nov 79
8.20	-374	854	-477	2.154

331 131 432 2631

108468 12 26 30 +17 57 7.5 B5 III

+18° 2611

-24

-20 -25

7.47 -145 1087 -453 25 Feb 82

7.48 -128 1078 -446 3 Mar 82

7.48 -136 1082 -450

Rx

7.11 +0329 20 Feb 82

7.05 +0327 19 Mar 82

7.08 +0328

109035 12 30 ~~58~~ 80 -20 ~~52.5~~ 52.5 7.3 RROTH

-20°366 ✓

↗ +4

①Ⓥ OK! -34 +54

7.29 -52 1237 -458 25 Jan 82 ✓
7.34 -68 1237 -441 3 Mar 82 ✓
7.32 -60 1237 -450 ②

6.78 +0.368 14 Apr 82 ✓
6.80 +0.356 29 Mar 82 ✓
6.79 +0.362

R Ⓨ Ⓧ

109655 12 35 38 -21 125 7.9 B5 III
-20 03 674 +9

check

1 7.74 +100 1450 -722 25 Feb 82 -7 +5
7.77 +53 1397 -528 3 Mar 82
check 7.76 +56 1408 -541 20 Mar 82
7.76 +56 1402 -535 2

R 1 7.09 +0.457 14 Apr 82
7.10 +0.458 29 Mar 82
7.10 +0.458

111384 12 48 00 -09 07 7.6 102 III

-8024.24 +16

7.57 -32 1301 -491 24 Apr 82 +15 -24

7.58 -38 1306 -481 25 Apr 82

7.58 -34 1304 -486 (2)

(d) (X)

Appuni

RX (+) (X) (Y)

2.18 +0.354 20 Apr 82

7.06 +0.369 15 Mar 82

7.04 +0.362 3 Apr 83

7.05 +0.366 (2)

-20.8

112039 ✓ 12 52 35 -23 00.5 8.42 +44

8.46 -387 858 -474 2.155 8 Mar 74

8.48 -388 850 -457 2.159 9 "

8.47 -388 854 -466 2.157

317 131 443 2635

11223 8 12 54 20 -21 38.5 8.64 6-21

24 82 8.70 -318 844 -475 2.130 3 Mar 82 -28.3

82 8.66 -314 879 -451 2.125 -65 -8

25 24 8.68 -327 903 -457 2.141

8.68 -320 852 -460 2.132 (3)

-460

RS

8.54 +0.224 20 Jul 82

8.44 +0.206 19 Mar 82

8.49 +0.215

112574 12 56 50 -13 02 8.1 FD ±

-120 3729 (+)(+) 2" -10 Var?

8.8-9.0

AD5877

Vm /\ //

8.42-363 875-444 2.162 20 Mar 72

8.38-370 879-455 2.163 21 Mar 72

8.40-366 877-450 (2)

113048 13 02 45 -81 03 7.20 1800 [illegible]

-15.1

7.26 -96 1142 -455 22 mar 72

7.25 -97 1153 -456 21 mar 72

~~7.26 -96 1148 -456~~

6.75 +0.322 29 Apr 72

6.83 +0.363 1 21 73

6.75 +0.342 3 21 73

113449 13 02 50 -05 03 2.585V

-40240s U var?

(4) (1)

-205 -218

7.69 -210 1039 -499 24 Jul 82

7.70 -214 1045 -508 25 Jul 82

7.70 -212 1042 -504 (2)

RV

(4) (2)

7.41 +0.343 20 Jul 82

7.32 +0.324 15 Mar

7.36 +0.334

113612 13 04 05 -28 24.5 26.9 G8 IV

+12.9

+15.9 -48

7.73 -203 1005 -434 5 Apr 84

7.76 -217 1006 -430 20 Mar 82

7.74 -214 1018 -454 21 Mar 82

7.75 -212 1006 -434 (3)

+0.280

7.89 +0.028 14 Apr 82

7.84 +0.283 3 Apr 83

7.86 +0.282 (2)

1145 21 13 13 0 5 -41 06 2008 68 III

+22.4
-24 0

7.66 -112 1166 -480 22 Mar 82
7.64 -112 1154 -484 21 Mar 82
7.65 -112 1162 -482

7.21 +0.324 14 Apr 82
7.20 +0.325 16 Mar 82
7.20 +0.325