

1626  
82406

5 01.1 +30 26 120 II-III 47294

RL

2 more

426 464

1624

4 56.6

-75

01

16.11

+05.97

32440

5.46 +152 +182 C

467 +0.63 (3)

+00721 +0575 F14

2117

5

522-44 03 120

—

40783

5.214.106

RL

28 Nov

2119

5

597

+42

55

120 14

40801

6.10 + 0.97 + 0.78 2P

5.44 21.5

564 + 0.368 1A

+0105 -1437

428 379

1/2

2131

55.5 - 33 55 125 419

41047

5.54 41.58 -

Stuy ?

469 70.69 (2)

2136

6

00.3

-14

30

65

-

4/125

6.14 + 0.96 - C

LC

205 0.50  
24

2140

6 01.3 -26 17 9 113

1182.00

41312

502 +135 +1470

26 ±2.5

4.34 +10.55 (3)

100415 +1865

564 ±3.5

+1004 +10983

L300i

2144

L 023

+5

26

g

67

+1958

41361

S.66+1.05+0.84 C

GL ±3.5

-6005 +005



LL Div

2145

41350

6 00.3 + 4 10 964 + 33.26

S. 63 + 1.04 + 0.76 C

- 00030 - 0062

7124

2146

6

032

+29

31

M3 II

-35.58

41429

6.04 + 11.64 + 181 (6)

80

4.75

+ 1.07

(3)

4.95

+ 1.06

(2)

2117  
4/14/67

L 039 J41 S2 120 III +S55+

RC

278  
376

2151

41569

6 01.5 - 40 06 M1 —

6.44 + 1.58 (2.85) c

6.44 + 1.58 + 1.77 (3)

~~6.44 + 1.46~~

GL

5.18 + 1.315 (2) 10.945

4.91 + 1.19 (3)

37 Cam

2152

6 056 1+8 56 68 III +311a

41597

5.35 +11.09 10.92 34

569 728  
+0027 +0197

2153

6 049 + 41 84 120 III - 87.16

4/10/36

6.36 + 1.05 + 0.5223R shy £3.0

6.35 + 1.03 + 0.877D - 0.0004 - 0.0510

→ 6.35 + 1.04 + 0.8445D

S top

2156

L 037

-24 12

M6

F12A

41698

5A4 (A)

+0505-015 LB

36 km

2165

6 028 165 44 1207-111 4656

41527

5.33 + 134 + 1.44 (2)

100151-0324 PM4

4.72 + 0.475 2A



2.13  
821

2166

L

04.9

-21

49

MY

41533

5.79 + 1.64 + 1.79 (2)

4.48 + 1.795 (3)

15 Aug

2167

42042

258 245  
29

6 05Y -14 10 9 M 2 129.46

5.36 + 1.65 + 1.955 (2)

5.81 + 1.65 + 1.98 (not used)

424 10845 (2)

(2)

10010+05Y

BL 72.0

4544

~~2844~~

2169  
42049

---

6 06.5 +22 12 9194 +286

5.93 +161 +2.04 ①

6c

4.98 +16.69 ②

5.18 4227

2183

42341

6 023

14 34 9122 13116

$$5.60 + 1.16 + 1.19 \text{ (3) } \text{AL}$$

$$5.08 + 0.39 \text{ (2)}$$

$$5.17 + 0.405 \text{ (2) } 10965$$

$$5.12 + 0.40$$

5 Nov

2145

6 08.5

724 26 910

722C

422348

GC

2188

6

65.8

+51

11

BR1

III

+10.84

42466

BL

2447-25

9.91

1018 931 407 099 207Mars



2447-25

9.95

10.18

867

312

036

20mm

10244-4

444814

~~1028~~

~~747~~

~~1171~~

~~2464~~

~~24 July 81~~

~~(10)~~

1028

4115

Mmt

~~947~~

~~10371 17 July 81~~

~~974~~

~~10404 24 Aug 81~~

6245-4

1194

-511

26 Aug 2157

10.37

+30

1184

-514

23 Sept 7

10.31

+39

1184

-514

22 Sept 1

10.31

+41

1186

-514

22 Sept 1

10.32

+34

1184

-525

24 Aug 74

10.30

+43

1178

-526

25 Aug 74

10.30

+36

1174

-509

25 Aug 74 2157

765

434 317

4

10.103 20001

10.30

+37

1184-510

2127 (6)

974 to 404 24 Aug 71

10.30

763

434

251

2554

976 to 400

144

662

285

430

1914

L244  
L244-3

10.33

1084 -354 720 -38

2.234 225481

10.86 -407 742 -28

2.257 225484

10.85 -409 733 -30

2.234 225480

1086 -403 732 -32

2.238

+337

301

018

541

2.732

1/2 9.4

108

931

1047

1.047

-1.1

1015

6249-5

11.32 127 B0V

11.35 -430 717 -423 2.223 35<sub>2</sub> 10

~~11.31 -424 735 -438 2.216 24 July 87~~

11.31 -434 724 -435 2.226 235<sub>1</sub> 87

11.33 -430 720 -429 2.224 (2)

273 014 474 2.214

(096) (419) (611)

+350  
8.8  
-0.95  
10.75

6245-~~8~~ (1) 11 56 10 -44 48.5

~~449715~~  
~~4408118~~

10.46+34 B4E

(X) ~~10.57 -340 707 -506 2.171 2497160~~

(60)

~~10.64 -400 710 -711 2.180 22 Sept 81~~  
~~10.67 -356 655 -606 2.152 18 mg~~  
~~10.61 -344 703 -604 2.157~~

Fig 10 <sup>a2</sup> 306-078 246 2613

(87) (235) 2.95  
2.185

10.55

2.11  
4.03

~~10.55~~  
10.8 0

10.24

6244-1 16 56 20 244 45.1 B150  
44<sup>0</sup>8122 98 to 2

ND

9.24 435 682 652 2.157 24 Aug 71

<sup>9.00</sup> 264 025 251 2135

(260) 051 198

(300)

814

765

0.83

6249

16 59 45 - 44 50

1 9.8 + 0.2 B1.5

#2 - 440819000

2 9.9 + 0.45 B8 II

16 55 0 - 44 46.5

~~3 10.8 + 0.33~~

4 10.28 + 1.15 G7 II

9.46 + 0.365 19 July 11

1.4  
1.5  
1.9

5 11.22 + 0.28 B3 II

#4 - 440115

7 10.46 + 0.34 B4 II

8 11.10 + 0.32 B5

16 56 40 - 44 48.5  
+ 0.162 19 July 11

6 12.38 + 0.36

#1 - 4401122

16 56 20 - 44 45.5 100 R2



RWB 15 47 45 +28 13

RY Sp 19 15 15 -33 34

#7 10.54 +0.162 19 July 89

156  
1488

247  
1486  
1576

6244-1

342

9.78 - 462 704 - 643

9.78 - 458 700 - 675

9.77 - 451 695 - 643

9.77 - 459 700 - 690

2.183 21 kg 87

2.164 25 mg 74

2.175 30 "

2.175 (3)

246

~~247 - 063 247 2053~~

244 - 011 212 2.656

E (62) + 3416

1/8 8.27  
2.16  
10.46

062 163 267

9.3  
- 1.9  
10.2

6249-2

16

56

10

-44

46.5

6.5

-4408119

9.9 + 0.95

650

~~984-70 953-278 24 July 81 (4)~~

989-97 987-383 21 Aug 81

944-89 962-349 22 Aug 81

991-97 972-349 23 Aug 81 01:45

988-89 963-349 09:45 Sept 81 9.41 + 0.368 01:55 25 Aug 81

941-85 980-375 02:10 6/21/81 9.47 + 0.371 17 July 81

990-91 973-361 (5)

9.46 + 0.368 18 July 81

1256 628 240 551  
246

77  
-285  
11.26

9.46 + 0.370  
+ 0.372

Ref. Vol. 10 p. 151

12279 14 55

-44 44

1

Ht 9.40

9.35 + 18.95 + 10.44  
Sat 18 9:00  
9:30 PM

H2

9.58 + 10.95 + 10.63 16 July

45

9.43 + 10.39 13 July

10.13 + 11.02 + 10.59 21 July

9.91 + 10.58 + 10.59 23 July

9.84 + 10.97 + 10.58 25 July

9.91 + 10.96 + 10.55 9 Aug 201

10.24 + 11.18 + 11.04

H4

10.32 + 11.16 + 10.53 14 July

10.27 + 11.20 + 10.94 21 July

10.32 + 11.20 + 10.92 23 July

10.28 + 11.18 + 10.98 25 July

10.29 + 11.18 + 10.94 9 Aug 201

9.78 + 10.44 13 July

8 PM  
8:30 PM  
9:30 PM

#2 16 56 40 44 46.5 10.8 km

NGC 6249  
N

U-E

10.8 km

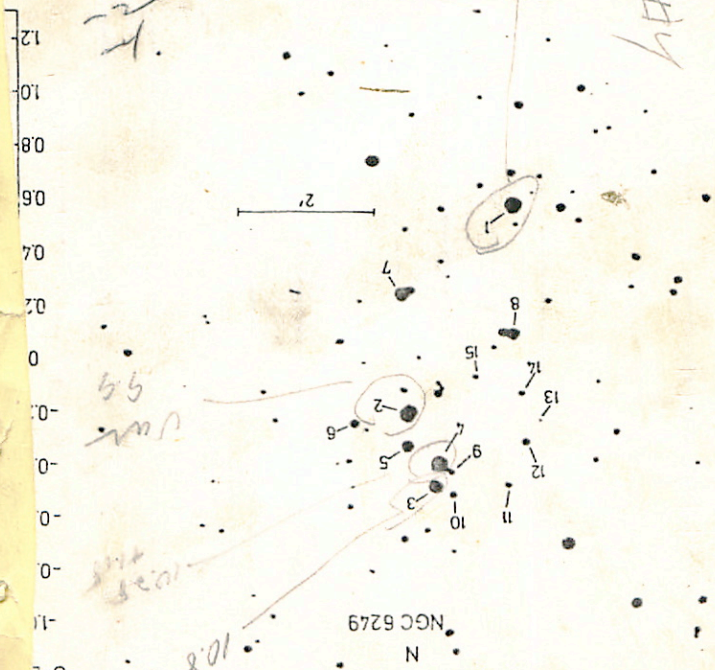
U-E  
9.9

3  
1-  
2  
1

Figure 48

9.8

HP #17



624958

11.17 -377 491 335 2.184 11.10 +32 BS  
2.160

11.07 -375 701 -423 2.123<sup>or</sup> 2.29 July 81 (60)

11.09 -383 694 -431 2.205 23 Sept 81

11.11 -340 692 428 2.180 (4)

→ 1981 325<sup>46</sup> -018 482 2662

9.35  
-1.5  
10.25

080 415

515