224

-27° 166 60 30 5 -27 01 8960

4 -035 -120

(7.62 +0.54 +0.70 ①) ?

9.51 +0.61 +0.085 ①

85-1204S

228.000*

0.000*
32.500*
-27.000*
-1.000*
-0.035*
-0.120*
4.500*
79.433
0.000

-0.436
-0.051

-34.617

-0.401
0.040

-31.883

-0.006
-0.998

0.492

25°205 00 22.5 -24 42 9.0 F5

Y +191 +019

(1)
9.62 +0.43 -0.135

```
 229.000*

   0.000*
  32.500*
 -24.000*
 -42.000*
   0.190*
   0.020*
   5.350*
 117.490
   0.000

   0.819
  -0.030

  96.195

  -0.383
   0.074

 -45.033

  -0.053
  -0.997

  -6.223
```

+150 +20 5.35

230

266-135 00 32.7 −17 85 15.0 0 :61 90

268-5 15.8 0 .59 58

15.2 15.1 G-f .572 89

14.54 +0.235 −0.585 (1)

```
 230.000*

   0.000*
  32.700*
 -17.000*
 -35.000*
   0.600*
   0.010*
   1.950*
  24.547
   0.000

   2.454
   0.035

  60.248

  -1.427
   0.179

 -35.036

  -0.171
  -0.983

  -4.206
```

flow +10 1.95

232

46485 00 32.7 -22 54 12.6 12.6 17.5

11.84 10475 -0.095 ①

+10 -125 2.25

```
                232.000*

                  0.000*
                 32.700*
                -22.000*
                -54.000*
                  0.010*
                 -0.125*
                  7.250*
                281.838
                  0.000

                 -0.267
                 -0.013

                -75.341

                 -0.529
                  0.101

                -148.961

                 -0.050
                 -0.995

                -14.091
```

6.5
20 263

-54 -70

-106 -134

233

46437 00 328 -29 11 13.9 109 67

13.06 +0.89 +0.45 (2)

+120 +40 6-1

```
233.000*

  0.000*
 32.800*
-29.000*
-11.000*
  0.100*
  0.040*
  6.100*
165.959
  0.000

  0.503
 -0.069

 83.412

 -0.082
  0.007

-13.640

 -0.035
 -0.998

 -5.878
```

234

825-458 00 32.6 -28 34 14.6 15.4 h,260143

(+)

~~13.95 +0.665 +0.015~~

(1)

1481+0.725+0.285

+155 -205 -325

234.000*

0.000*
32.600*
-23.000*
-34.000*
0.155*
-0.205*
9.250*
8.5
144 501 707.946
0.000

0.123
-0.019

+62 (+2) 87.265

-1.207
0.091

249
-604.4 -854.283

-0.112
-0.996

-79.634

235

46440 00 33.3 -21 50 14.4 105 108

13.93 +0.67 +0.03 (1)
6.5 0.03

235.000*

0.000*
33.300*
-21.000*
-50.000*
0.100*
-0.030*
7.305 7.300*
257 288.403
0.000

0.331
-0.001

+85 95.380

-0.366
0.115

-54 -105.454

-0.043
-0.993

-12.318

+40 -30 7.3

236

765-73 60 33.3 -20 11 11.7 12.5 g-h .159 59

12.29 10.96 10.80 (1)
75

+170 +100 5.7

```
 236.000*

   0.000*
  33.300*
 -20.000*
 -11.000*
   0.170*
   0.100*
   5.700*
 138.038
   0.000

   0.935
   0.014

 129.021

  -0.016
   0.139

  -2.238

   0.011
  -0.990

   1.506
```

240

-22°18' 00 33.8 -21 54 9.8 F5

Y +054 -106 10.61 +0.71 +0.155 (2)

```
240.000*

  0.000*
 33.400*
-21.000*
-54.000*
  0.055*
 -0.105*
  4.650*
 85.114
  0.000

 -0.037
 -0.001

 -3.110

 -0.557
  0.114

-47.409

 -0.064
 -0.993

 -5.433
```

+55 -105 4.65

+0066 +017 M

241

21°70 OU 33.6 -21 02 8.0 FO

4 +108 +009

(1)

7.85 10.425 -004

```
241.000*

  0.000*
 33.600*
-21.000*
 -2.000*
  0.100*
  0.015*
  4.000*
 63.096
  0.000

  0.442
  0.007

 27.866

 -0.185
  0.126

-11.680

 -0.020
 -0.992

 -1.282
```

tiw + 15 4.0

243

-24°169 00 3 4.0 -29 33 9.1 G5

(1)

7 +108 -028 10.43 +0715 +0.265

t110 -30 495

```
-2.451

-0.988
-0.025

-38.290

-0.001
-0.392

36.293

-0.069
 0.371

 0.000
 92.724
+4.950+
+0.030+
+0.110+
-33.000+
-29.000+
+34.000+
+0.000+

+242.000+
```

243

46449	00	340	-24	54	14.0	116	146

12.49 +0.855 +0.44 ①

465 -55 20

243.000*

0.000*
34.000*
-24.000*
-54.000*
0.065*
-0.095*
7.000*
251.189
0.000

0.028
-0.026

7.128

-0.544
0.068

-136.536

-0.038
-0.997

-9.519

244

46451	00 34.2	-23	18	12.0	138	210	

mother

? 10.26 +0.70 +0.04 (1)

-70 -120 3.95

```
244.000*

  0.000*
 34.200*
-23.000*
-18.000*
 -0.070*
 -0.120*
  3.950*
 61.660
  0.000

 -0.580
 -0.011

-35.748

 -0.311
  0.092

-19.205

 -0.022
 -0.996

 -1.361
```

246

765-50 OU 34.3 -19 07 17.1 14.8 g .184 117

14.42 +0.685-0.20 (2)

```
246.000*

  0.000*
 34.300*
-19.000*
 -7.000*
  0.165*
 -0.085*
  0.400*
 12.023
  0.000

  0.457
  0.027

  5.496

 -0.745
  0.153

 -8.952

 -0.103
 -0.988

 -1.236
```

4165-85 0.4

LTT 327 247

46453 00 34.4 -24 46 10.7: 223 1.68

266-138 00 34.4 -24 46 5.4 +2 .25 170

268-8 10.1 +3 .26 173

-250222 8.0 58 60 .240 170

8.20 +0.65 +0.08 (1)

+40-240 2-6

```
  247.000*

    0.000*
   34.400*
  -24.000*
  -46.000*
    0.040*
   -0.240*
    2.600*
   33.113
    0.000

   -0.432
   -0.024

  -14.289

   -1.068
    0.069

  -35.352

   -0.064
   -0.997

   -2.114
```

250

46454 OO 34.5 −25 14 12.5 103 96

12.6

−25°224

$+100^{" } -95^{" }$ 11.75 +0.75 +0.24 (1)

mc (π) plate

+100 - 50 5.9

```
250.000*

  0.000*
 34.500*
-25.000*
-14.000*
  0.100*
 -0.050*
  5.900*
151.356
  0.000

  0.281
 -0.028

 42.481

 -0.448
  0.062

-67.822

 -0.036
 -0.998

 -5.411
```

281

46456	00	34.7	−19	44	~~14~~5	2	165	115
268−10	00	34.7	−19	44	12.4	+3	.21	117

−20°95′

10.92 +0.805 +0.315 (1)

7160-80 445'

```
251.000*

  0.000*
 34.700*
-19.000*
-44.000*
  0.160*
 -0.080*
  4.450*
 77.625
  0.000

  0.449
  0.023

 34.834

 -0.713
  0.143

-55.380

 -0.093
 -0.989

 -7.204
```

ADS 520 10225 -10 252

46457 1.331 92

---

00 34.7 -25 02 5.5 6.7 K0 1.376 50

-25°225

5.59 +0.715 +0.20 ④
6.25 +0.27 ④

1.34

+1360 -15 0.55

```
252.000*

  0.000*
 34.700*
-25.000*
 -2.000*
  1.390*
 -0.015*
  0.550*
 12.882
  0.000

  5.581
 -0.025

 71.895

 -3.483
  0.065

-44.875

 -0.368
 -0.998

 -4.738
```

255

4/4 454 00 348 -32 16 13.1 115 125

12.74 10.95 10.64 (1)

+95 -65 5.85

```
 255.000*

   0.000*
  34.800*
 -32.000*
 -16.000*
   0.095*
  -0.065*
   5.850*
 147.911
   0.000

   0.225
  -0.091

  33.330

  -0.497
  -0.043

 -73.498

   0.001
  -0.995

   0.163
```

LTT 329

6
49460 256 14.2 .315 230

266-141 00 34.9 -21 10 15.7 +1 .35 229
248-12 14.9 +1 .35 227
825-559 13.7 14.6 9 .316 229

14.50 +0.465 -0.54 (4)

-250-220 10

```
256.000*

  0.000*
 34.900*
-21.000*
-10.000*
 -0.250*
 -0.220*
  1.000*
 15.849
  0.000

 -1.555
  0.011

-24.648

 -0.266
  0.122

 -4.211

 -0.049
 -0.993

 -0.779
```

259

46464 OD 35.1 -34 22 124 098 70

(2)

12.68 + 0.965 + 0.52

```
259.000*

  0.000*
 35.100*
-34.000*
-22.000*
  0.090*
  0.035*
  6.250*
177.828
  0.000

  0.448
 -0.108

 79.753

 -0.081
 -0.075

-14.068

 -0.043
 -0.991

 -7.634
```

+40 +35 6.25

260

46465 00 35.2 -21 16 13.8 056 69

(1)

12.73 +0.65 -0.075
00

+90 +35 6.6

```
      260.000*

        0.000*
       35.200*
      -21.000*
      -16.000*
        0.090*
        0.035*
        6.600*
240   208.930
        0.000

        0.450
        0.011

+108   94.089

       -0.082
        0.119

-19   -17.078

       -0.005
       -0.993

       -1.039
```

4644	60	354	-22	47	13.3	134	130
GD 630	60	354	-22	4½	14.00	.18	138

13.40 +065 -0.04 (1)

+120-100 23

266.000*

0.000*
35.400*
-22.000*
-47.000*
0.120*
-0.100*
6.6 12.900*
209 288 3801.894
0.000

0.237
-0.002

48 67 899.308

-0.698
0.097

2452
145 -202 -2654.745

-0.068
-0.995

-260.015

267

4670 00 355 -20 37 13.9 124 229

13.67 +0.715 +0.08 (1)

267.000*

0.000*
35.500*
-20.000*
-37.000*
-0.095*
-0.080*
7.350*
295.121
0.000

-0.582
0.018

-171.783

-0.085
0.128

-25.204

-0.021
-0.992

-6.332

268

46472 00 35.5 -21 08 14.5 106 147

13.65 +0.995 +0.62 ①
13.31 +0.385 ①

755-90 6.45

```
268.000*

  0.000*
 35.500*
-21.000*
 -8.000*
  0.055*
 -0.090*
  6.650*
213.796
  0.000

 -0.001
  0.013

 -0.253

 -0.496
  0.121

-106.104

 -0.060
 -0.993

-12.920
```

270

4676 OD 35.5 -02 08 14.5 111 154

13.71 +0.675 +0025 (2)

270.000*

0.000*
35.500*
-32.000*
-8.000*
0.050*
-0.100*
7.100*
263.027
0.000

-0.043
-0.087

-11.259

-0.528
-0.043

-138.763

0.026
-0.995

6.927

6.85
224.5
-10
-124

1.4 201-257

-37°211 10.7 120 271 -0046 -168

46477 9.5 .130 213

267+42 00 35.5 -36 42 11.9 +1 .120 208

10.19 +0.77 +0.225 (1)

271.000*

0.000*
35.500*
-36.000*
-42.000*
0.070*
-0.155*
3.900*
60.256
0.000

-0.090
-0.128

-5.443

-0.795
-0.110

-47.886

0.101
-0.986

6.068

+70 -155 3.9

272

46478 00 35.6 -26 28 13.0 120 74

Published 10.54 +54 00 (2) 11 mag

12.58 +0.80 +0.36 (1)

+115 +35 6.25

```
272.000*

  0.000*
 35.600*
-26.000*
-38.000*
  0.115*
  0.035*
  6.250*
177.828
  0.000

  0.551
 -0.037

 97.989

 -0.143
  0.039

-25.365

 -0.026
 -0.999

 -4.615
```

274

825-5576 00 35.8 - 21 19 13.4 14.0 k 1200 125

3 12.75 + 0.315 ①

3 7

1242

5 6

11 4.9/6 1315

0 705

7

+165-115' 205

```
                274.000*

                  0.000*
                 35.800*
                -21.000*
                -19.000*
                  0.165*
                 -0.115*
6.1               7.050*
16.4            257.040
                  0.000

                  0.381
                  0.012

62              97.819

                 -0.869
                  0.117

-143          -223.251

                 -0.098
                 -0.993

                -25.198
```

LTT335

70281 275 12.4 .405 113

266-144 . 00 358 -18 59 10.2 +3 .40 93

286-16 13.2 +3 .45 93

765-78 11 13 12.9 m .397 101

11.71 +1.09 +0.81 (1)

11.17 +0.44 (2)

10 7 9

10.19

5 4

4 4

4400-75 4.4

	275.000*
	0.000*
	35.800*
	-18.000*
	-59.000*
	0.400*
	-0.075*
3.7	4.400*
5 4.9	75.858
	0.000
	1.429
	0.034
+78	108.396
	-1.287
	0.152
-70	-97.650
	-0.149
	-0.988
	-11.311

276

41.48 | 60 35.9 -26 41 170 096 133

13.24 to 50 -050 (2)...

420 -05 -025

```
276.000*

  0.000*
 35.900*
-26.000*
-41.000*
  0.070*
 -0.065*
 -0.250*
  8.913
  0.000

  0.121
 -0.036

  1.083

 -0.436
  0.038

 -3.883

 -0.021
 -0.999

 -0.186
```

277

-22° 107 00 36.0 -21 34 8.5 9.0 g .250 126

2060
825-604 Gpm 362"

14.5 16.0 m
lastfind

3

9.57 +0.25 (1)

9.27

54

8.9

44

+195-155 4.5

```
    277.000*

      0.000*
     36.000*
    -21.000*
    -34.000*
      0.195*
     -0.155*
      4.500*
     79.433
      0.000

      0.402
      0.011

     31.928

     -1.104
      0.113

    -87.656

     -0.122
     -0.993

     -9.658
```

280

102

825-615 00 362 -25 18 13.5 14.7 h-m 240

on chart 266-143

1333 +6.915 +0.~~125~~ 575 ①

NO 1071 +0.11 +1.015 ①

280.000*

0.000*
36.200*
-25.000*
-18.000*
0.235*
-0.050*
6.600*
154.5 208.930
0.000

0.824
-0.023

27 3
+127 172.182

-0.783
0.058

-121 -163.670

-0.064
-0.998

-13.379

+327.50 1.9

281

-27°187 00 36.3 -27 27 8.8 60

Y +060 -052

9.34 +0.61 +0.04 (1)

```
  281.000*

    0.000*
   36.300*
  -27.000*
  -27.000*
    0.090*
   -0.050*
    4.850*
   93.325
    0.000

    0.239
   -0.042

   22.322

   -0.425
    0.026

  -39.650

   -0.021
   -0.999

   -1.952
```

+50-50 4·85

282 ✓

131

825-617 00 36.4 -25 33 14.4 153 h, 200

14.06 +0.875 +0.54

(1)

+150-130 2.3

282.000*

0.000*
36.400*
-25.000*
-33.000*
0.150*
-0.130*
7.300*
288.403
0.000

0.282
-0.024

81.360

-0.896
0.054

-258.378

-0.055
-0.998

-15.845

283

BD

-220 109 00 36.5 -21 33 9.0 G5

7 +097 +023

9.21 +0.605 +0025 (1)

+95 +25 4.1

```
283.000*

  0.000*
 36.500*
-21.000*
-33.000*
  0.095*
  0.025*
  4.100*
 66.069
  0.000

  0.445
  0.013

 29.430

 -0.135
  0.113

 -8.938

 -0.010
 -0.994

 -0.638
```

286

46495 OO 36.9 -26 32 149 102 163

14.08 +1.01 +072 (2)

130 - 55 6.85

286.000*

0.000*
36.900*
-26.000*
-32.000*
0.030*
-0.095*
6.850*
245 234.423
0.000

-0.115
-0.032

-28 -27.023

-0.458
0.038

-112 -107.302

-0.014
-0.999

-3.217

243

46507 00 37.3 -20 08 12.4 141 85

10.98+07,5+0.21①

+140 +10 5.15'

```
293.000*

  0.000*
 37.300*
-20.000*
 -8.000*
  0.140*
  0.010*
  5.150*
107.152
  0.000

  0.589
  0.028

 63.135

 -0.308
  0.132

-33.003

 -0.024
 -0.991

 -2.577
```

294

4/6508 00 37.3 -24 53 13.4 100 25

12.22 +1.01 +0.98 (1)

5:15 Set 54

```
 294.000*

   0.000*
  37.300*
 -24.000*
 -53.000*
   0.095*
   0.025*
   5.150*
 107.152
   0.000

   0.445
  -0.015

  47.709

  -0.135
   0.062

 -14.510

  -0.015
  -0.998

  -1.622
```

-250245 | 243 | 18 | 8.7 | Go

46514 00 37.4 -25 15 11.5 156 217

205 13

Y +022 -162 8.76 +0.21 +0.125 (4)

BPM -094 -125 8.77 [illegible] +0.125 (1)

8.7[illegible] [illegible] +0.2 (2)

298.000*

0.000*
37.400*
-25.000*
-19.000*
-0.035*
-0.140*
2.650*
363 33.884
0.000

-0.490
-0.019

-18 -16.607

-0.477
0.055

-17 -16.158

-0.017
-0.998

-0.576

-35-140 265

LTT 350

247

46515	0				13.5	.372 109
266-150	00	37.5	-25	18	13.5 +1.37 109	
267-152					13.6 +2.88 115	
269-11					14.0 +1.38 113	
781-269					12.4 13.4 k .253 111	
					12.20 +0.68 -0.015 (3)	
					12.59 +0.26 (1)	

+350 -185 6.45

297.000*

0.000*
37.500*
-28.000*
-18.000*
0.350*
-0.135*
6.450*
194.984
0.000

1.075
-0.046

209.579

-1.415
0.010

-275.910

-0.064
-0.999

-12.513

46517 00 37.5 -27 32 14.6 100 220

13.02 +0.695 -0.03 (2)

45-25 4.55

```
299.000*

  0.000*
 37.500*
-27.000*
-32.000*
 -0.065*
 -0.075*
  6.550*
204.174
  0.000

 -0.449
 -0.039

-91.592

 -0.141
  0.022

-28.775

  0.014
 -0.999

  2.933
```

LTT35)

300

46518

168 264 131

267-150 00 37.4 -33 20 12.3 +1 .29 124

269-10 12.5 +2 .31 132

10.96 +0.425 -0.19 (1)

11.00 +0.195 (1)

+225 -180 6.5

300.000*

0.000*
37.400*
-33.000*
-20.000*
0.225*
-0.180*
5.55 6.500*
1545 199.526
0.000

0.465
-0.092

72 92.714

-1.284
-0.064

-198 -256.131

0.040
-0.994

7.932

3 5 cl

46519

267-133

301

9.0 2.31 139

9.0 +1 .31 103

264-13 00 32.6 -24 14 86 +2 .31 106

6.0 7.2

6.70 + 51 -02 ①

6.8 52 -02

```
-0.412

-0.992
-0.015

-31.192

-0.078
-1.133

28.334

-0.100
1.029

0.000
27.542
*2.200*
*-0.090*
*0.310*
*-14.000*
*-34.000*
*37.500*
*0.000*

*301.000*
```

+810 -90 2.2

303

70297 00 37.7 -19 42 12.0 137 235

60

12.06 +0.935 +0.55 (1)

+110-80 5-1

302.000*

0.000*
37.700*
-19.000*
-42.000*
0.110*
-0.080*
5.100*
112.5 104.713
0.000

0.244
0.034

27 25.534

-0.592
0.137

-47 -62.015

-0.074
-0.990

-7.724

↔ Old

19467 3 04.9 −13 57 G5 V

Not Yale Cape

6.54 +0.64 +0.12 (2) M(I) +3.97

6.78 +0.20 (2)

6.58

δ(B−V) = −05

δ(U−B) 00

	U	V	W
π(pt)=030 sg Wolf 630 gp	−19.5	−32.7	−21.2
m−M = 2.61	−8	−9	−3

ρ

+12.3 +0.0 0.000″ −0.264′

.030 (+3.97) −19.8 −33.0 −21.3

old

-5° 3063 ,10 24.2 -6 15 K8

H 2447 9.79 +0.95 +0.645 (2) m (I) n (nt)

9.22 +0.415 (2) +5.98

881 0285

31 (6) 282 027

84 (10) Δ(B-V) +135

17 Δ(U-B) +345

U V W 674

144

+279 -0.008 -0.655 -47.9 -93.1 -40.4

-16 -21 -17

→ -51.7 -97.3 -43.7

1814 3 A (G86-43) 2 52.7 +26 40 dK2

603.0

A 7.62 +0.93 +0.71 (3)
7.18 +0.32 (3)

G-36-43 13.86 +1.575 +1.16 (5)
12.51 +1.24 (1)

+36.4 -16.8 -15.2
+6 -14 -1

(X)

4747 CV 47.0 −23 29

1620

7.16 +0.77 +0.30 (4)

5-8Y(10) 6.54 +0.24 (3)

526(7)

δ(B−V) +08

δ(U−B) +19

Not [illegible]

κ Per

941 3 06.1 +44 40 K0 III

19474 (J) 3.81 +0.98 +0.83 J

I R-I n(±)

3.42 3.02 +0.35 +0.25

3.38 3.06 +0.324

3.06 +0.34 +0.44

.030 +43.0 −16.8 −12.1

2.40 +6 −10 −2

f −11.4

δ Ari

951 3 08.8 +19 32 142 III

19787 5 4.37 +1.03 +0.86 5

IR R-I u(I)

3.60 +0.36 +0.35

3.42 3.57 +0.35

f = 32.1 +0.355

.022 +37.6 -16.8 +2.2

λ-m 3.27 +4 -5 +3

Δm = 00 1"

191345 3 02.5 +25 03 5.46 -0.03 -0.35 5 B7 V

201500 3 12.0 +20 51 4.89 -0.02 -0.01 5 140 IV-V

1'

10^{-6} g

1003 3 17.3 −21 56 gm3

20728 C ?

3.70+462 1.81 5

I R-I ln(I)

1.38 +1.125 5

1.26 +1.12 10365

1.32 +1.12 -3.3

1=-56.0

21531 3 26.3 −19 5-7 dmb

8.42 +1.32 +1.24 (2)
7.63 +0.55 (4)

3/13-v) +2
+4

+561 +341
+34.0

.077 +47.6 −16.8 −5.3
0.57 +23 −5 +17

+ Hém

1956 4 33.0 +16 24 185 1 III

29139 0.86 +1.55 +1.95 5

-0.75 +0.685 (1) A

-0.07 -0.68 +0.655 (5) u(±)

-0.80 +0.735 102,65

-0.74 +0.705 -2.0 .056 +48.6 -16.8 -23.7

a-m 1.25 -1 -9 -3

0
-20.3

4 Nov 1805 5 24.3 +34 25 gK3p

cNStr
H luminosity

35620 R R-I m(I) 5.06 +1.40 +1.64 A

3.93 +0.50 A -1.37

6 0.0 ".008 7 +33.0 -16.8 -16.7

m-m 5.30 0 -2 -1

unlikely?

35615 5 24.3 +34 42 9.55 +0.24 -0.71 07 J

35621

178
5'0" V Cam 2×d +1.08

2742 7 20.6 +82 30

55966 I R-I med 4.85 +1.63 +1.80 Ecq

Oa 2.36 +120 102,65

n(I) -4.10

b = +28.2

·0051 +37.2 -16.8 +7.5

n-n645' +1 -1 0

55075 7 15.9 +81 21 612 -0.04 -0.10 89 Clear

2993 7 41.5 -28 17

62576
~~10409~~ 282 +0.715 (2) E_{gg} — 4.58 +1.63 +1.98 $2E_{gg}$ —
295 +0.725 5 4.58 +1.63 +2.01 gK5 5
m(I) 5 4.58 +1.64 +1.92 (C)

f = -2.3

pov (μ) WO? got? .0055 6 +393 -14.5 -3.0
630 +1 +1 0

61987 7 39 30 -27 53 88 6.55 -0.18 -0.71 Cram
1970

62445 7 41 34 -25 41.4 B5 8.35 +0.025 -0.215 (4) E_{gg}
62500 7 41 43 -28 24 35 10.16 0.00 -0.525 (5)
62640 7 42 43 -28 21 B9 8.08 -0.135 -0.575 (2) B9

65273 7 53.8 -5-7 18 g 154

5272

Converger

3323 8 26.1 +60 53 → G5 II+III

71864

2.72 +0.285 I 3.36 +0.95 +0.53 I

3.38

IM(I) ~~+16~~

~66 out ?

.017 +44.9 −16.8 −140

+35.4 m-m 3.98 +5 −4 −4

75732 8 49.6 +28 31 dk0

5-97 +0.87 +0.63 ②

13.15 +1.65 +1.19 ①
11.52 +1.30 ③

3777 9 26.6 -71 23 g 16 2

82350 I R-I
~~4.69 +0.36~~

5.46 +1.08 +0.59 c
5.48 +1.08 +0.96 (2) S_{99} -

n(I) (-005)

5 07 +0.385 (2)

6 -14.8

0011 +48.8 -16.8 -9.2
4.80 +5 -2 -1

1970 E m-M

83979 9 34.32 -80 49 5.10 -0.15 -0.56 c +03 6.0
79744 9 05 35 -70 26 4.71 -0.17 -0.86 c +06 6.15
80950 5.86 -0.02 -0.04 A0 c 0

4246 10 50.6 +54 51 103 11

94247

4.00 +0.49 A 5.09 +1.36 +1.52 Argus

35°

→ NW

.0077 +33.9 -16.8 -14.3

b +55.1 m-m 5.57 +3 -1 -1

4409 11 23.0 -35 47 g 100

99322

5.27 +0.555 +0.745 (2) 555 - 5.22 +0.99 - Cape

4.90 +0.31 (2)

$b +23.6^{0}$ .0127 +38.0 -16.8 -5.2

λ - m 4.47 +5 -2 -1

99322 11 23.1 -35 47

6947

5.27 ±0.995 ±0.745 ②

4.50 ±0.31 ②

0.0128 (0.13) ±38.2 -16.8 -5.2

4.46 ±5 -2 -1

±23.6

4450 11 30.5 -31 34 G7 III

100407 2.85 +0.34 5 3.54 +0.94 +0.71 I

335 3.53 +0.95 +0.71 C

-.50

b +28°.1

10215 +36.6 -16.8 -23.8

m-m 335 +8 -4 -5

.570 E

101431 11 38 45 -34 34 D9 4.70 -0.08 -0.21C 0

105671 12 023 -45 56 N5 V

2803
44d(6)

A

7.97 +0.40 (3)

B

11.90 +1.16 (3)

Ruler

-42 -.372 -.069

4682 12 16.5 -54 51 g m3

107079

3.24 +0.79 (102,45)

3.24 +0.795 1899

5.00 +1.59 +1.95 C

5.00 +1.61 +1.94 4 Egg

-2.5

10071 +42.4 -16.8 -14.7

f +7.5 F 70-4 F 06 E M-I = 04 m-m 5.75 +3 -2 -1

E m-m

106490 12 13 34 -58 35 B2 IV 2.79 -0.24 -0.89 C +01 4.80

107250 12 18 26 -56 33 7.989 7.88 +0.03 -0.155 (3) +13 7.0

4700 12 18.7 −60 15 g163

1074.46 2.25 +0.54 Mel...

2.28 +0.53 (107,651) 3.58 +1.45 +1.63

2.26 +0.55 1 ... 3.58 +1.41 +1.63 Cape

3.55
−1.28

+12.2 .0195 +40.6 −16.8 +15.7

m−M = 3.55 +7 −4 +3

											E	m−M
106983	12	16	50	−63	50	B3IV	4.05	−0.18	−0.67	6	+02	5.25
107377	12	19	16	−60	23	B6B9	9.59	+0.135	−0.13	3	+0.25	8.65
107395	12	19	20	−61	52	9.0B8	8.59	+0.04	−0.48	⊕	+0.235	9.35

109217 12 30.5 +10 34

7552

6.30 +0.965 +0.705 (3)
5.77 +0.345 (2)

+726

.0068 +33.2 -16.8 -13
6.00 +2 -1 0

4831 12 39.8 -48 32 g141

11045 8

3.51 3.51 +0.405 J 4.66 +1.09 +1.02 C

7.08 ~~3.77 +0.37 (102,65)~~

~~+0.2~~

3.64

γ 0 ".012 +431 -16.8 -15.7

+14.0 m-m 4.62 +4 -3 -1

4973 13 08.5 −43 06 gK0

11474 5.27 +1.045 +0.915 ② 5.25 +1.05 − gK0

4.85 +0.365 ②

.014 +34.1 −16.8 −6.5

f +19.3 m-M = 4.25 +4 −3 0

5068 13 24.8 -15 42 K1 III

116976 4.75 +1.10 +1.06 5

3.95 +0.365 J+PKS 4.75 +1.09 +1.07 C

412
-17

b +46.0

.015 +49.1 -16.8 +2.8

E = +03
B-V

m-M 4.12 +5 -3 +1

d Var

E m-M

116658 14 23 36 -11 00 0.98 -0.23 -0.92 C B1 II +02 3.0

0.96 -0.25 -0.93 5

R Hya nov 375 d

5080 13 27.0 −23 01 gM7e

117287 5.65 +1.52 +0.53 Egg mar

R 4.95 +1.52 +0.79 J.

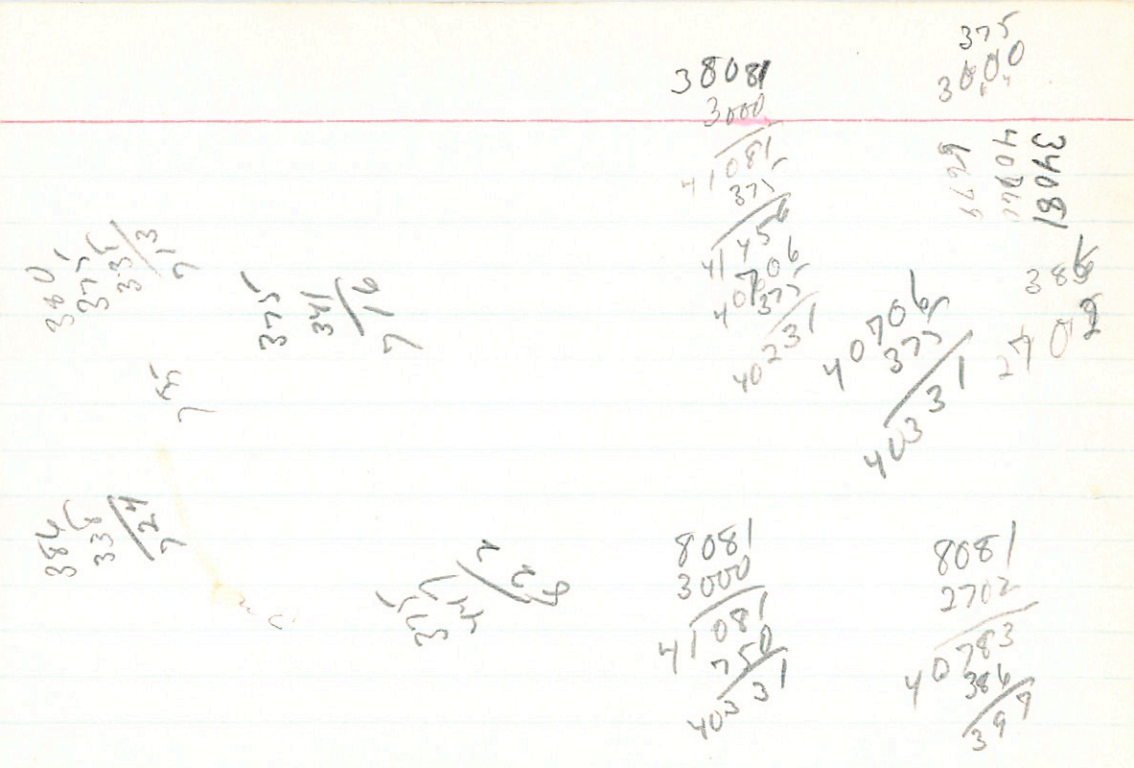
may 3.11 +1.935 (+1.81)

nm 4.10 +2.17

b +38.7 0.0055 +44.4 −16.8 +6.7

m−m 6.31 ±2 −1 ±1

Gp 12.78 +1.045 +0.975 (3)



5297 14 06.6 −53 13 ~~G6~~ G5 III

12356

4.74 +0.94 +0.72 C

4.44 +0.315 (2)

+24

.018 +38.8 −16.8 −14.0

$m_2 - m_1 = 3.46$ +5 −5 −2

out?

5370 ~~/~~ 14 17.4 + 16 33 RC3 III

125560 4.85 +1.23 +1.41 5

3.91 +0.43 5 4.85 +1.24 +1.37 4

4.26
—
.35

8 +46.9

.014 +48.4 −16.8 +12.8

n-m=4.26 +6 −2 +3

131023 14 49 32 +09 51 24 dbs Hyads

Cp [illegible] 2R 23 15 mag 70 7.60 +0.75 +0.375

NO

-0.217 +0.051 .035 +41.5 -16.8 -14.4

+8 -5 +5

35.6

131117
HR5542 14 50 46 -30 27 6.28 G1

3354.0 Red Hyades gp.

314(12)
136(17)

6.10 +0.205 May 70

6.46+0.59 +0.10
6.18+0.19

.040 +44.4 -16.8 +2.5
2.0½ +9 -11 +6

RRUM

5589 14 56.8 +66 08 gM5

132813 1.76 +150 (min) 9.58 +159 +1.60 J

max
1.37 +1.50
181 +182 5
171 +1.32 (102, 45)

.009 +380 −16.8 +16.2

b = +46.5
x.M = 5.22 +3 −2 +1

I	R-I
1.53	+1.32
1.49	+1.37
1.47	+1.42
1.45	+1.50

5705   15 18.6   −36 05   125 1 I

136422   2.10 +0.645 5
2.03 +0.63 107,65   3.55 +1.53 +1.87 5
2.06 +0.635   3.56 +1.53 +1.85
377
−141

6 +17.4   .0175   +37.7   −16.8   −14.1
n−M 3.77   +2   −5   −1

E(B−V) +.03

1470   E   m−M

136664	.15 21 14 −36 45	4.53 −0.15 −0.41 B5IIIC	+.04	5.45
137058	15 23 14 −38 38	4.60 0.00 −0.06 A0IIIC	+.03	3.50

5969 16 00.3 -25 43 g1e5

143787 3.77 +0.465 ② 5_{99}

5.01 +1.24 +1.23 2 5_{99}

+19.7

E(B-V) ~ 0.10:

.0135 +43.3 -16.8 -7.3

m-M = 4.39 +1 -3 +1

									E	m-M
144334	16	04	20	-23 3[illegible]	5.92	-0.08	-0.56		+0.11	6.75
144661	16	06	04	-24 22	6.32	-0.00	-0.52		+0.12	6.95
143275 ~~143353~~	15	58	29	-22 32	2.31	-0.11	-0.90	C		

KU III - IV

6072 16 16.0 -50 02 G8 III

M4186 3.64 3.22 +0.415 5

3.44

7.01 +1.08 +1.17 C

4.02 +1.08 +1.17 5

l 6.0 E(R-I) = ~.07

E(R-I) ~.10

.020 +41.1 -16.8 +16.9

m-M 3.44 +3 -6 +3

6103 16 ~~18.3~~ 20.1 +31 00 1600 1950

147677

4.14 +0.32 J 4.85 +0.57 +0.80 J

4.86 +0.99 +0.79 A

b +44.3

near Convergent

6147 | 14 | 28.3 | −16 | 30 | G8 | III

148786

3.65 +0.305 5 | 4.27 +0.92 +0.71 5

4.28 +0.92 +0.72 C

6 +21.5 | nothing?

.0165 | +33.6 | −16.8 | −8.6

3.89 (m-M) | 0 | −3 | +1

heavy
absorption
in background

6477 17 51.7 +40 02 123 III

163217 8.5 2"

5.16 +1.19 +1.12 A

f +27.7 (4.10) +0.44 2 PLS

m-m = 5.35 +41.2 -16.8 -14.1

.0085 +2 +1 0

6982 18 37 11 −71 29 10'2 III

171759

3.00 +0.40 (2) [illegible] 4.01 +1.13 +1.02 C

340
−10

1 −25.0 E=+01 .0205 +36.2 −16.8 −0.8

m-M 3.41 +5 −5 −2

164976 4.64 −0.12 −0.38 89III C +01

R Lyr

7157 18 53.8 +43 50 M5 III

175865

3.9 1.55 1.50 E

0.70 +1.49 (10²,65)
0.87 +1.48 5
0.75

b +17.8

.0105 +445 −16.8 −3.6

m−M 4.94 +4 +1 +[illegible]

183275 19 26.8 -27 05 118 II

5.5-1 +1.15 +1.14 (2)

5.15 +0.36 (3)

-19.8

479

~~8.00~~

.011 +335 -16.8 -8.0

-4.80 +1 -1 -2

out?

7635 19 56.5 +19 21 125 III

184319 1.97 +0.685 S
2.06 +0.675 A
2.02 +0.68

3.47 +1.57 +1.54 S
3.47 +1.55 +1.52 A

b -5.2

.0105 +37.9 -16.8 -15.7
(m-M)=4.90 +2 +1 -2

E = +05

7679 20 02.9 +19 50 K2 III

140608

4.26 +0.37 A(1) 5.09 +1.06 +0.98 A

4.24

f = -8.2 E = +.05 4.7 = .35 .013 +47.3 -16.8 +11.2

m-M 4.24 +3 +2 +1

E

140229 5.67 -0.08 -0.48 E B8 II-III +0.08 6.40

140040 5.33 -0.04 -0.19 B9 IV +0.05 5.20

8128 21 13.0 -15 22 gm3

202364 3.30 +0.99 (102,45) 5.24 +1.43 +1.86 (3)

6.10
-2.50

1 -38.7

E = +.04 + .7 = .04

m - M = 6.10

Too close to known

								E	m - M
202671	21 14 14	-18 09	5.43	-0.105	-0.50 E			+07	6.05
202149	21 12 39	-10 49	6.50	-0.08	-0.32	Cran		+0.045	6.30
200741	21 04 10	-17 21	4.06	-0.01	+0.02	AC E		00	2.50
			4.07	-0.01	-0.015				

204771
13514 21 22.6 +46 19 180 IT

5.23 +0.97 +0.80
4.82 +0.325 A

Compact A

w Cyg

8262 21 34.1 +45 09 gM4e 1

205738 1.73 +1.68 J 5.49 +1.67 +1.26 E

1.58 +1.84 (107, 65) 5.37 +1.60 +1.27 J

1 -5.0

m - M = 6.4!

near 55 Cyg unreddened [illegible]

unreddened

[illegible]

204710

205905 21 36.2 -27 32 G4 III-IV

52140

6.76 +0.62 +0.11 (3)

324(12)

6.58 +0.205 (2)

496(17)

δ(B-V) -1.5

δ(U-B) +03

.045 +38.7 -16.8 -14.5

-6 -12

1.73 +2

@ 93-40/41

207451 21 46.7 +05 29 dlrg

5271.0

36M(8)
42Y(10)
66S(4)

8.68 +1.02 +0.83 (3)
8.02 +0.405 Y

14.93 +1.73 +1.19
13.28 +1.285 (2)

Not Hyde

8636 22 09.7 −47 09 m3 II

214552

−0.80 +1.365 5 2.1 V +1.64 +1.40 C

4.49
−5.29

−58.0° = β

.0125 +446 −16.8 −26.5

m − M = 4.45 +6 −2 −3

8746 22 54.9 +84 05 IR4 III

217382

3.48 +0.535 5 4.72 +1.43 +1.70 5

b = +22.2

m − M = 4.50 +41.6 −16.8 −7.7

.0105 +4 −2 −1

220572 23 22.5 -57 08 g112

14688

5.64 +105+0.57 (2)
5.08 +0.37 (3)

-56.6

.011 +43.5 -16.8 +6.8
4.76 +4 -3 -1

222493 23 38.6 −11 57 9G9

14839

5.88 +0.98 cape

5.42 +0.335 (2)

009 +36.5 −14.8 +2.9

5.2 +3 −1 −3

223252 23 45.4 −03 02 C8 III

5.48 +0.44 +0.70 ②

5.00 +0.33 ②

4.97

.0125 +34.3 −16.8 −1.9

4.52 +4 −2 −1

BD141K 13 53.2 -46 21 110 IV

4/3/78

5.78 +1.12 +1.08 (1) Ag

18C(17) 5.16 +0.425 (2)

Δ(B-V) -.02

Δ(U-B) -.065

-.0148 -.087

-1.0

945 0 +48.9 -53.0 -20.0

0.011 +5 -6 -2

4.80

↔ old

6378 | 02.0 −25 52 11.5 V

4215

M(I) π(pt)

9.82 +1.16 +1.14 ③ +6.40 0.035

34C(8) 9.14 +0.48 ④ 8.46 0.36

846 2.28

u v w

Δ(B−V) = +0.04 −27.7 −33.7 −5.2

Δ(U−B) +0.05 −10 −12 0

W04630

+3.7 −0.037" −0.334"

+6.38 (44) −27.2 −33.0 −5.2

HD 6660 ↔ 01 04.9 +22 42 dK6 young

Y224 8.40 +1.12 +1.06 (2) m(±) π(rel)

41 m(8) 8.72 +0.435 (2) +630 ~~.0605~~

729 728 .064

14^m ^s Δ(B−V) 00 989 .046 ←

,0 Δ(U−B) −02 .0

u v w

+66 +.095″ −0.488″ −5.2 −22.9 −28.8

−4 −15 −17

→ +5.59 −9.2 −33.0 −32.5