7845 13 09.2 -59 39 +12 C

6617566

-0048 -038

-0043 -020 -028

-0060 ± 4.4 -036 ± 3.4 -020

-0046 -028

9.162 1508.2

251

9.413

-036

-0048 -022

18.81 1505.1

1.42

17.19

-0046 -024

-0067 -0078

9.234

-36

.198

-215

9.127 ×0.05

20

147

18.15

-33

18.48

17.67

-53

18.20

1540.65

-0354

-0356 -0136

9.23

-

226

-8129 -041	-582	+1397 +0043
+5768 +083	-812	-0954 -0086
-0812 +996	+044	+0139 -1039
	160	120
+4440	-7.0	+15.6
-1080	-9.7	-17.3
-0900	+0.5	-17.4

17.9

-11

18.01

1546.5

485 440 199 497 S.S.P. −0326±3.3 +036±3.1
−0326 +041

114613 13 09.3 −37 32 d6.3 −15.0a

HR4579 114613 4.82 +0.70 Cape −388 +036 Gc
17869
7847

363 306

4.56 +0.69 +(1.81) 24"
4.85

15.381 1403.4 4.85 433 231 441235 350 4
1.513 485 440 199 409
16.894

354620

Δ_0 307

73Y(10)
15C(9)

15.645 904 44.2
0
15.452
−1.442

18.69 1940.14
−0
18.75

95.58
47.8
46.1

−384.7 +0447.4
FRS
B

15.229
−20
209

363
95
4
Y

17.69 FS 5.44
−40
84
18.09

−0326 +0385 Cat
−0324 +0425

+386 +047

−15.0 9749 −9996 3844
1.65 −2227 −0291 05'

18.42
+1.91

ر

114613.000*

13.000*
9.300*
-37.000*
-32.000*
0.386*
0.047*
0.75 1.650*
14.05 21.380
-15.000

-1.446
-0.551

-12 -22.653

1.141
-0.720

+27 35.197

0.058
0.421

-6 -5.081

114613.000*

13.000*
9.300*
-37.000*
-32.000*
-0.386*
0.047*
0.75 1.650*
14.08 21.380
-15.000

1.529
1 -0.551

+30 40.968

-0.969
-0.720

-3 -9.916

5 0.345
0.421

-2 1.062

53 Vir
114642
GC17870
v7548

Y3012
-15°3613

13 09.4 -15 56 dF5 -14.1a
-13.1 L(5)
-16.8 C(3)

S.04 +0.46 +0.02 Nam
4.92 +0.46 (55)(121) S = -01

F6 III-IV R

+095 -293 cc

-36 -34 -64 .02
-6 -4 -26 .04

!!! 107 (7)
105 C (7)

5958

+0066 ± 1.7 -293 ± 1.7

23.604 1894.1 +0066 -287

-15 55 45.90 1842.2

-369

.235

+6.54

28.96

3.847

19.585

23.432

044

.476

+.12

.588

28.543

6

1031

516

+281

42.5

42.43 1933.54

59.18

41.64

346

41.1

+29

40.89

42.85 1939.86

+17

69

42.357

41.78

-12.82

7380

36.9

44.7

114662 13 05.5 -20 37 (c) KO

-20°37'87

-035 -014
-035 -017 FNY

-031 000 Y
-4 -11

7.60 +1.185 +1.02 (3)
7.16 +0.425 (3)

-0024 -007 Cy CL
~~-0023 -011~~ ~~Y-Lothing FNY~~

Y + Nini -0023 -010 FNY

-0323

FNY
-035 -0185

~~-032 -006~~

(L.C)

-035 -009

702
82
6.5
6.12

b^2

114662.000*

-2408

4554 13 09.7 +24 31 6.3 PLI H

-018 -0366C
-1 +3
-019 -033

57

GC17881
W7854
+18°2700

dK7 +49.96w(?)

7.32 +0.54 -0.08 F9V

17
3
−0404 +006 N30
−0404 −014 ±8.3 bc −9a3c
±7.8

δ=.15

+50.4
+49.6
+49.4
+49.6

45.4

HD114762 13 09.9 +17 47 dF7 +49.96 W(7)
GC17881 7.32 +0.54 -0.08 F9V
W 7854 S = .15
-575 -018 BL

-296 -955 305952 -575 -015 +50 -005 +15 -081

-170 -002 550 005 -825 2.600 47.6 -45 -14 044

-5 40 4

-31 -20 10

56 -7 6

-64 +45 +13

+41 -41 +55 036

-68 +58 +13

$\boxed{+51 \ -49 \ +54}$

-6 51 6

-33 -26 10

59 -9 6

114743

12888

13 10.2

+19 01

-0046±47 -010±38

9.47 9.93.6

-0051

-0049

-001

-011

59.43 90.0

50

5943

259

688

~~9.744~~

59.71

9.335

15

350

0.11

-25

86

59.

-0050

-0038

-00445

-0038

9.477

+10

487

34.6

5951

-07

5944

-0702

-0158 +001

984

-1464

-985

780

0672

0107

+35°2423 13 10.6 +34 33 8.8

114879

-184 (4)

0000 +020 Merri

AG112-1 -0004 -001 8

X

-0046 ± 4.7 -010 ± 3.8 +1.1 OD
-0048 -007

114793 13 10.2 +19 01 6.6 G8 III -20.46

17888

7857 9.429 1893.4 +19 0 59.43 1890.0

259 + 60

.688 0.03

9.477 59.51 1934.6

.17 -2

491 56 59.49

59.85 1940.22

+1

9.453 59.86

.12 135

465 59.68

478 -0.35

-.210

43.8

-4.82

37.4

47.4

u = 0.18

114873 (4441) 13 11.1 -42 52 6.14 +1.38 (2.45) 125 II

FD539 -0159±7.8 +014±63 +29.7C4

-01934 +003

GC17909 5.113 1897.9

825

.541

29.03 1892.5

-1.04

30.12

(+10)

17 119

17 9 17 99

-0176 +011

39.319 -575 -0167 +014

-193

31.75 192263

26.060

58.15

5.379

5.384

-186

5.36

2990

+2

29.88

-14

30.0

Stop

-0145 +012

-01425 +0168

-1566 -152 +021

9498 -9430 1534

-0350 1184 -0024

0.85

0160

3.55

```
114873.000+

   13.000*
   11.100*
  -42.000*
  -52.000*
   -0.183*
    0.019*
    6.000*
  158.489
   29.700

    0.715
   -0.571

   96.339

   -0.474
   -0.750

  -97.332

    0.159
    0.335
```

54

54

55 Vir

π14946 13 11.5 -19 40 dbG +45 c w(3)

GC17918

w7874 5.32 +0.87 1.42 A bw(2)

Y3019

-19°3651

5.32 523322 317 (1) -48.5 (34)

533 527 273 353

-123 +160 GC

-0085 +1585 GC+

+1610

+35 +29 -17 .05

-120 -45

-119 +165 1.0

Y Y (10)

-0087 ± 2.4 +160 ± 2.4
-0083 +157

-307 -952 -337 541 -123 +160 -45.0 -054 +15 715

-038 -017 117 051 -422 .474 -42.3 +40 +13

+32 +21 +29 05

$\boxed{+35 +29 -17}$

30.047 1899.5

437
484

9.740
20.392
30.132
52
184
192

30.134
2
136

88.3

130
165
319

-19 40 7.33 1896.0

-8.64
15.97

12.91 1933.13
57.82
15.73
+47
10.26
10.12
8.95
8.53

+19 +37 +51 02

$\boxed{+55 +30 +1}$

1905

+27
37.1

41.1

1940.34
952
+6.45

114946.000*

13.000*
11.500*
-19.000*
-40.000*
-0.119*
0.165*
1.000*
15.849
-45.000

0.726
-0.475

32.879

0.134
-0.562

27.419

0.621
0.677

-20.635

55

13

114993 13 11.7 -24 01 +002

17922

-0056 ± 71 +005 ± 61

4465.7 97.4 -0057 12.14 95.9

295 -27

952 12.41

23.396 3346

21.242 15.13

4467.8 57.68

61 12.81

739 +48

74 12.33

745 -1

12.34

9720 9999 0752

-2348 0200 -0105

-0056 +0035

-1053 +0075

-0758

$\boxed{-075 \quad +012}$

114911
7 mo

13 11.8 -6.7 3.5 SB -8.1

-9.7 Albin

-0038 -013 N30 28 V

-0043 -014 4.79-09 (1.36) Cape

-41

-024

G/Par

+9.6 +4.7
-6.4 +6.6
-4.6 +0.7

-807 -124 -575	+0895 +0070	+0965 +8.8 +4.7 = +13.5
+581 -018 -813	+0644 0	+0644 +5.9 +6.6 +12.5
-090 +992 -087	+0100 -0563	-0463 -4.0 +.7 -3.3

114915 13 11.9 -6.9 25 -01.7 ②

1794 -0172±7.8 -040±7.1

54346 95.4 5345 94.1

56401 42.25 52.99

20.2387 13 12.4 +29 36 -13.9

-053 -6

13.2
+29.6
-41
6.0
13.9

56

R.A. :	13.200
DEC. :	29.600
PM. R.A. :	-61.000
PM. DEC. :	-6.000
DISTANCE :	6.000
MODULUS :	158
VEL. :	-13.900

R.A. :	13.200
DEC. :	29.600
PM. R.A. :	-61.000
PM. DEC. :	-6.000
DISTANCE :	6.000
MODULUS :	158
VEL. :	-13.900

+0002±3.5 −006±4.7
−0003 −006

115079 13 12.4 −11 05 7.8 9182 +9.18

17939

7883 22.958 1895.4 −11 5 3.31 1892.1

−011
947

+.35
2.96

7.095
18.792
22.890
35
925
+12
937

6.74 1933.43
57.22
3.96
3.46
3.50
+26
3.24

934
−013
41.1

72.95
36.5
44.4

22.928
+4
932

5.32 1939.52
+9
3.23
3.24 / −126

30930 13 12.6 +31.66 -29.7

+31.2495

+20 -31

735 +1.06

+23

-31

5.55

-29.7

R.A. :
DEC. : 13.200
PM. R.A. : 31.250
PM. DEC. : 23.000
DISTANCE : -31.000
MODULUS : 5.850
RAD. VEL. : 148
-29.700

q1 (U) :
q2 (U) : -0.809
q3 (U) : 0.586
dU : -0.834
U : -161.591
-22.886

q1 (V) :
q2 (V) : 0.581
q3 (V) : 0.807
dV : 0.105
V : -64.540

R.A. :	13.200
DEC. :	31.250
PM. R.A. :	23.000
PM. DEC. :	-31.000
DISTANCE :	5.850
MODULUS :	148
RAD. VEL. :	-29.700
q1 (U) :	-0.809
q2 (U) :	0.586
q3 (U) :	-0.034
dU :	-161.591
U :	-22.886
q1 (V) :	0.581
q2 (V) :	0.807
q3 (V) :	0.105
dV :	-64.540
V :	-13

57

HD238208 13 12.8 +57 17

+57.1428

100 -050 4

+095 -048 →

+070 -029

+082 -034

7456 9802
-6664 -1397

0336

7.37

1085
542

932

(X)

5002 18 13.9 -66 81 gN1

115211
17959 4.85 +1.50 +1.58 C 4.16 +0.54 Men (3)
4.87 +1.47 +1.57 2Sq 4.13 +0.57 Sq
4.86 +1.485 +1.575 4.14 +0.555

new?
u

-004 -013 new +004.5 -10.3 a

-002 -009

-0017 -022

-0089 -0162

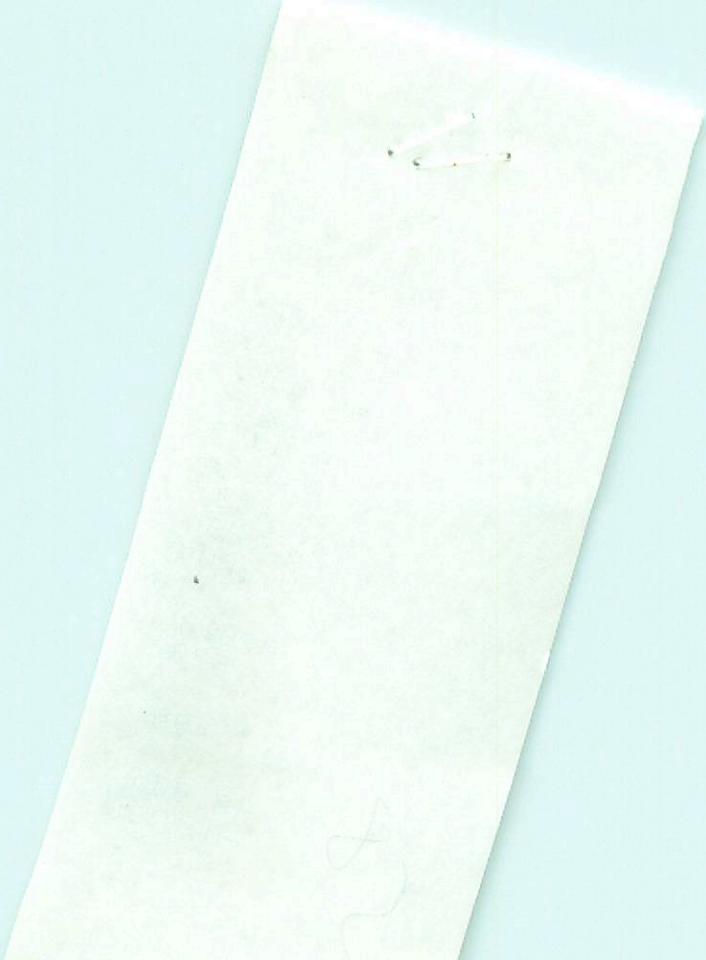
-0093

-010 -012

374
76
3.00
24
5.4

4.10 54
372
73
3.00
23
5.3

+7
-13



5002.000*

13.000*
13.900*
-66.000*
-31.000*
-0.002*
-0.009*
9.400*
120.226
-10.300

0.013
-0.579

7.495

-0.005
-0.812

7.707

0.041

58

5002.000*

13.000*
13.900*
-65.000*
-31.000*
-9.010*
-9.012*
3.300*
114.015
-14.300

9.045
-3.579

HR 5002 115211 13 13.8 -66 31 8115 -10.3 a

17959 17959

7889 4.83 +1.53 -011 -027 GL

-0018 ± 5.2 -027 ± 3.7

49.356 1909.9 -0016 -017

072 -66 31 12.19 1905.6

.428 474 1896 474 13 422 474 162

49.380 -0008 -017 +1.20

0 -0006 -007 10.99

-0007 -013 11.25 1939.63 06

-30

11.55

-0004 5.9

-005 -122 -580 | +0152 +0075 | +0227 +2.6 +23 | +6.0

585 -006 -811 | -0101 0 | -0101 -1.2 | +8.3

-100 992 -070 | +0019 -0010 | -0592 -6.9 | +0.2

-0072 ± 10.0 -005 ± 11.3 5

-0069 -002

115319 13 13.8 +19 19 6.5 6.5 -45.4 8

17958

7884 48.358 1902.5 +19 18 54.07 19043

342

700

-00705 -0035

-00701 -0011

23

54.30

48.441

14

575

54.41 1935.25

-2

54.39

458

48.429

13

442 -242 35.2

54.10 1940.22

+1

54.11

75 47

37.7

34.4

-0492

-097 +003

54.257

-05