H H Tel 19 26 05 −45 52.5

→ 19 30 55 −45 44.6 ←

2 Gem $b = -27^0$

RW Tau?

11.4 −12.8

13.81 +0.77 +0.24 2 July 67

13.95 +0.73 +0.15 3 July 67

BM Sco 17 37.7 -32 11

1957	6.2	+1.83			
1960	5.57	+1.61	+1.52		Talbert P.A.S.P. 77, 19 (1965)
1961	5.60	+1.60	+1.55		
1965	5.89	+1.68	+1.70	5.05	+0.615
1970	5.97	+1.65	+1.73	5.31	+0.62
1971	6.20	+1.62	+1.655	5.26	+0.66

B = +13 (m-M = 8 ?)

Known in I.C. Slim

NGC 6405

21 Sco

χ Sco 16 26.3 −26 15

HR6134 $b = +15$ 1738 d MIB

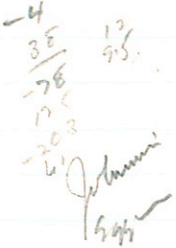
R

0.83 +1.86 +1.37 −0.33 +0.91

~~0.92 +1.51 +1.31 (0.00)~~

1.04 +1.76 +1.31 −0.26 +0.94

+1.04



Klemola
Berry

E=+06

χ Sco	0.9	+1.88	+1.35	−7.0
HR6134	−0.3	+0.525		6.1

R Sel / 24.7 .3248

SSel +0064 ± 12.2 +018 ± 12.2 2L

1115 ⊙ 12.8 −32 19 6.3v gM6e +35c

+0032 −004

296

132 51.082 1902.8 −32 19 22.57 1903.5

−302 −84

50.780 +0039 −003 23.41

Stop 1640

50.973 +0033 −003 2373 1956.70

−21 +6 +1 +8

954 +0039 −002 2365

50.84 23.6 1929

5 868 470 −159 +2057

+0014 +018 −033 CP −476 878 004 −1126

−140 −074 −587

+044 +009
+4 -4
+048 +005

+0033 -003 Sty
+6 +1 1970
+0039 -002

S Scl 00 12.8 -32 19

" "
+350 +050 -002 000 sty

500M.

868 471 -40 | +2057 +102.4 -5.6 = +97
-477 879 -004 | -1130 -56.5 0 = -57
-139 -050 -487 | -0329 -16.4 -344 = -51

+050 -002 sty 1970
+048 +005 mc →

7.35 5.2 -48
+1.37 +1.65 8.5
+0.55 may

Sgg — Ap. J. Supp no. 188

204
5.14 1.635
478
21
268

8.4

-4.5

E=+02

S Scl 7.35 +1.37 +0.54 -4.7 +97 -57 -51 +50 +350 366
1115 5.3 +1.68 8.5 +21 -11 -3 0 g.m.3e -81°

204

5.26 +11.35

488
210
278
835
-557

9.000+
0.000+
12.000+
-32.000+
-19.000+
0.050+
0.000+
8.5 8.400+

469 ~~502.6~~ 478.630
35.000

204
5.26 +11.35
488
210
278
835
-557

98

0.206
-0.161

52.795

-0.113
-0.004

-57 -54.219

-0.033
-0.987

-51 -50.38+

EW Sct 18 35,2 −6 5-1 9.4-10.0 10

171732 9.09 +0.285 −0.135 ② B9
172175 9.45 +0.595 −0.51 ② B0

T Sel 00 26.8 -38 11

-38° 188

+0007 ±103 -024 ±10.0
+7 +2
+0014 -027
+.016

not halo

Sss a
Supp 188

859	484	-167	+0651 -0619	+0022	126
-505	855	-117	-0383 -1094	-1477	-120.0
-086	-184	-974	-0065 +0235	+0170	+14

super nova
in this bright

15 = 102

T Sel 845 +1.65 +1.40 -3.0 +3 -120 +14 +16: ? 201
2585 7.25 +1.00 9.55 -.17p -.12p -.98p -27: N3 -78°

4 Sgr 23 / 06.4 -30 04

218541

N

$\frac{5}{2} = +03$

4 Sgr 7.65 +1.74 +1.5

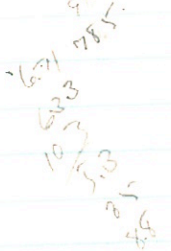
218541 5.20 +1.67

+0008 +010 Step 1530

SW Scl 00 03.7 -33 06 +6 +1 +0014 +00 +340

+018 +011 ←

+20 c +15 b LB →



Bump 188

B = +02

SW Scl 7.8 +1.92 +1.85 -3.5 +99 +18 -53 +20 +340 100±

151 6.75 +0.80 9.8 +12 +2 -2 +15 MII -770

37.8[illegible]*	0.000*
0.000*	0.000*
3.700*	3.700*
-33.000*	-30.000*
-6.000*	-6.000*
0.018*	0.020*
0.811*	0.815*
8.800*	8.800*
575.440	575.440
34.000	34.000
0.098	0.115
-0.196	-0.196
49.604	59.261
0.007	0.020
0.000	0.000
4.170	11.368
-0.020	-0.033
-0.981	-0.981
-44.596	-44.596

9.8
6.71 +0.785
633
104
53
385 5
8 1

RSw +23.70

W 9132 15 48.4 +15 17 69 gm 7c

GC 21292

-0005 ±6.1 -0465 ±5.4
UUU -050

240 p. 23.255 18481 2.28 1895.M
6.90 m.m 026 2.44
281 4.94

-0003 -045

-43 23.25 3.6 1929.4
-33 4 -33
+10 284 3.24

UUU
-79.6
-23.0

+003 3824 1.70

7424

-412 902 +126 +0078 -1924 -18.56 -74.6 -3.0
658 390 644 -0125 -0832 -0957 +15.3
-630 -183 254 +0120 +0390 +0510 +17.9

R Ser 15 48.4 +15 17

141850

HR5854

ND

2.6

CE Tau 5 29.3 +18 34 M2I b

HR1845

36389

-8°

John

4.3 +2.08 +2.16 (2.06, 2.22; 0.21)

2.4 +1.04 (1.17; 1.11)

2.95 +1.11

4.3 +2.07 +2.20

4.30 +2.04 +2.20

3.0 +1.09

-235

-001 a -001 a LB

E=+25

CE Tau 4.3 +2.06 +2.20 -7' +22 -3 -6 " -1 -235 ?

HR1845 2.95 +1.11 8.85 0 0 0 -1 M2I b -8°

13 m-14

CE 187.2 -8.1

35672	187.0	-9.4	5.40	-0.10	-54	B5E	+08 6.15
35708	183.8	-7.2	4.86	-0.155	-0.755	B3E	+075 5.45
244666	184.6	-6.3	11.0	+0.205	+0.100	B9	+25 9.1
36584	185.8	-6.8	6.05	-.07	-70	B4E	+09 6.40

RH Yma 11 35.0 +38 45 -55.2

+00022 -010 +3.0
+2 +3
+028 -007

-875 370 312	-1161 -0123	-1284	-179	-171
406 912 057	+0539 -0303	+0236	+27	-3.1
263 -176 948	+0349 +0058	+0407	-1	-52.1

Barnes

E=102

RH Yma 9.0 -3.5 -179 +27 -1 +28 -55.0 252d

7.85 +1.07 10.5 -13 +2 +4 -7 M3.5e +720

S UMa 12 41.8 +61 22

JD	V	R	R-I	Num	R-I
2449355	7.75	6.34	+1.38	0.05	+845
367	8.04	6.48	+1.50	.195	+0.92
390	9.05	7.01	+1.89	.19	+1.13
405	9.84	7.35	+2.14	.25	+1.36
426	10.50	8.17	+2.	.34	+1.69
460	11.53	8.86			+1.54
580	10.33	8.05		.68	+1.52
611	8.66	6.86		.16	+1.15
632	9.63	7.40		.25	+1.42
634	9.85	7.63			+1.51
657	10.65	8.24			+1.71

1.4779

676	11.48	9.02	+1.50
685	11.68	8.99	+2.00
695	11.70	9.12	+1.98
704	11.23	8.86	+1.95
711	11.30	8.72	+1.88
734	9.77	7.52	+1.25

-013 -017

+8

-0029 -020 Maria

-1 0

-0282 -020

848	422	321	+0884	-0400	+0484
529	713	460	-0552	-0676	-1228
835	-540	828	-0036	+0531	+0495

+2.6
+3.7
+6.6

T UMa -0026 ±1.5 -003126.1 -017±5.6 -018241 2W
-0037
109729 12 34.1 +59 46 6.45 gMHz -91c
7584 17178

51 10.2 01
7.244 1900.9 +59 45 43.44 1897.9

-27

152
7.396
7.
58.85
8553
7.405
7.113
7.292
7.301

89
44.03
58.9 1926.7
15.91
42.995
42.20
43.15
43.9
43.06

-0026 -018

503 -0020 -013 Latvia -91.0

-018 -013

-852	414	319	+0767 -0255	+0512 -29.0
520	735	486	-0468 -0453	-0921 -39.7
654	-537	842	-0049 +0321	+0282 -76.7

TUMa

100
80

5.44
506
100
4.0

5.5

NO

-020 -015 MC
+1 -3
-019 -018

-0020 -013 Labmi
-1
-0021

-015 -013
-017 -015

TUMa 6.7
5.65 +0.16

+58°

```
  0.000*

 12.000*
 34.100*
 59.000*
 46.000*
 -0.017*
 -0.015*
  7.500*
316.229
-91.000

  0.039
  0.319

-16.587

 -0.094
  0.432

-69.081

  0.033
 -0.844

-66.246
```

476 +45

Ryuma 12 18.1 +61 35 -11.58

1638 1335 -0270
-0932 -1523
-0212 +0511

1368 340pm
-1602
+0206

R R-5
5.45 +0.96

-0055 -18
+14 -0.9
+43 +33
-5 -18
+40

-036-018

-864 +356 +356 | +1434 -0303 | +1878 +54.7 +4.1 | +50.6
-492 +752 +438 | -0840 -0690 | -1788 -60.1 -5.0 | -65.1
+112 -554 +825 | -0191 +0473 | +0282 +83 -9.5 | -1.2

355pm
+48.6 +44.5
-53.4 -58.4
+7.4 -2.0

540 +3

447
324
770

360
+25
-58
+9

VWUma 10 55.6 +70 16

+0044 -007 Lubin
+6 -1
+0050 -008

Eggen Supp 131

-857 -004 516
244 818 445
424 -576 644

VWUma 6.9 +1.70 +685
5.6 +1.23

RY UMa 12 18.1 +61 35

E=+03

6.9: 5.85
+1.8: 10.96
+2.15:

NO?

-039 -018 LB
+ 2 0
-037 -018

-11.5

5.59 94 (8.4)
124
44
40

5.59 +54
85
521
197
404
9

94

859
521
24
7
30
405 +550

E=+03

RY UMa 6.7 +1.85 +2.1
5.35 +0.90

12.000*
10.169*
61.000*
35.000*
-0.0.7*
-0.018*
8.0 8.400*
398 478.630
-11.500

0.122
0.361

44 54.173

-0.150
0.438

-65 -70.821

0.026
0.823

+1 3.167

N Vel 9 29.7 -56 49 RS III

HD3803

5 46
3 38 8

Not var

64

2.0
35 2
20 5 1.8 5 7
38
170 7
65 0 41 5
65
25 5 0 2 7
3 4

RX Vir 17 022 -05 30

Notes

Sukai 12 02.7 +12 8F +22.08

844 40
800
11
0.9

-015 +007 MC
0 +3
-015 +010

0.000*

12.000*
2.700*
12.000*
38.000*
-0.015*
0.009*
10.900*
1513.561
22.000

0.083
0.030

126.055

0.003
-0.313

-2.169

-0.032
0.240

844 +96 = 940
806
117
80

TY Vir 11 49.3 -5 29

8774 22 01.7 -54 14 9105

5.37 +1.45 +1.25

4.59 +0.625 ② 102,61

+778 23 01.2 +58 18 G5

8779 23 016 46 56 123 III

218029

5.25 ±1.25 ±1.40

٥٢١ ١٢ ٧١- ٩٠٥٥ ٤٢ ٤٨٧٣

٧٨١٢ ٨١٩

8744 23 05.1 −73 52 120

6.14 ±1.42 ±1.68 C

8801 23 05.8 +52 33 120 III

218416

$$\frac{\sin 2\theta}{\sin 3\theta} = \frac{\sin 2\theta}{3\sin\theta - 4\sin^3\theta} = \frac{2\sin\theta\cos\theta}{\sin\theta(3 - 4\sin^2\theta)} = \frac{2\cos\theta}{3 - 4\sin^2\theta}$$

$$\sin^2\theta = 1 - \cos^2\theta$$

תשלום

1088 ₪ 4:50 בשעה 07 בחודש 125 בשנה

27.4 תחת 18:5

8807 23 06.1 +1 51 G8 IV

5.40 +52 +56 C

8811 22 05.9 +63 57 120

218560

8813 23 07.0 -28 22 100

5.87+131

8815 23 07.0 +8 24 gmy

Var 5.12 +1.47 +1.43

3.4 +1.25

8818 22 07.4 -40 52 gM3

Var

8824 23 08.2 +17 19 9 104

218792

5.64 +133 +150

8927 23 054 +24 34 120 15

218935

6.16 + 54 + 67

5.79 + 0.34

8824 23 11.0 −62 58 G5 IV

6.11 +0.80

9833 23 10.9 +10 47 G5

5.97 +1.02 +0.725 (1)

9835 23 12.2 -41 23 1N2 HH

5.78 +1.19 +1.14 C

5.34 +0.405 ②,102,65

4836 22 120 −10 58 125

612 +145 +180 (2)

536 +065 (4)

537 +063 (2) 102,65

7846 22 13.9 -44 46 $120

T-52+105

ولا يحل لهم أن يكتموا ما خلق الله في أرحامهن

إن كن يؤمن بالله واليوم الآخر

4862 23 20.6 -87 45 IP2 II

5.45 +1.27 +1.43 C

4.70 10.48 (2)

4864 23 16.8 -18 20 g123

5.56+1.55

8703 22 50.5 +16 35 g121

216489

8707 22 51.1 +55 50 Pg 102

216555

8710 22 52.0 -7 2F §123

6.18 +1.28 +1.40 C

5.71 +0.465 @ 10761

8643 22 486 -24 48 984

5.5F +41

8692 22 480 +50 25 64 JL

~~8676~~ 22 45.8 +43 03 9mo

8699

216397

5.00 +1.56 +192 ③

3.58 +0.705 ① 10,65