148816 16 28.0 +04 18 -51.7 W(3)

GC22190

W9482

Y3753

+403155

7.28 0.54 -0.07 FGIR

S = .14

-57 -218 -71 .030

-33 -168 -54 .040

-443 ±6 -1.358 ±5 C

-430 ±7 -1.355 ±6 Y

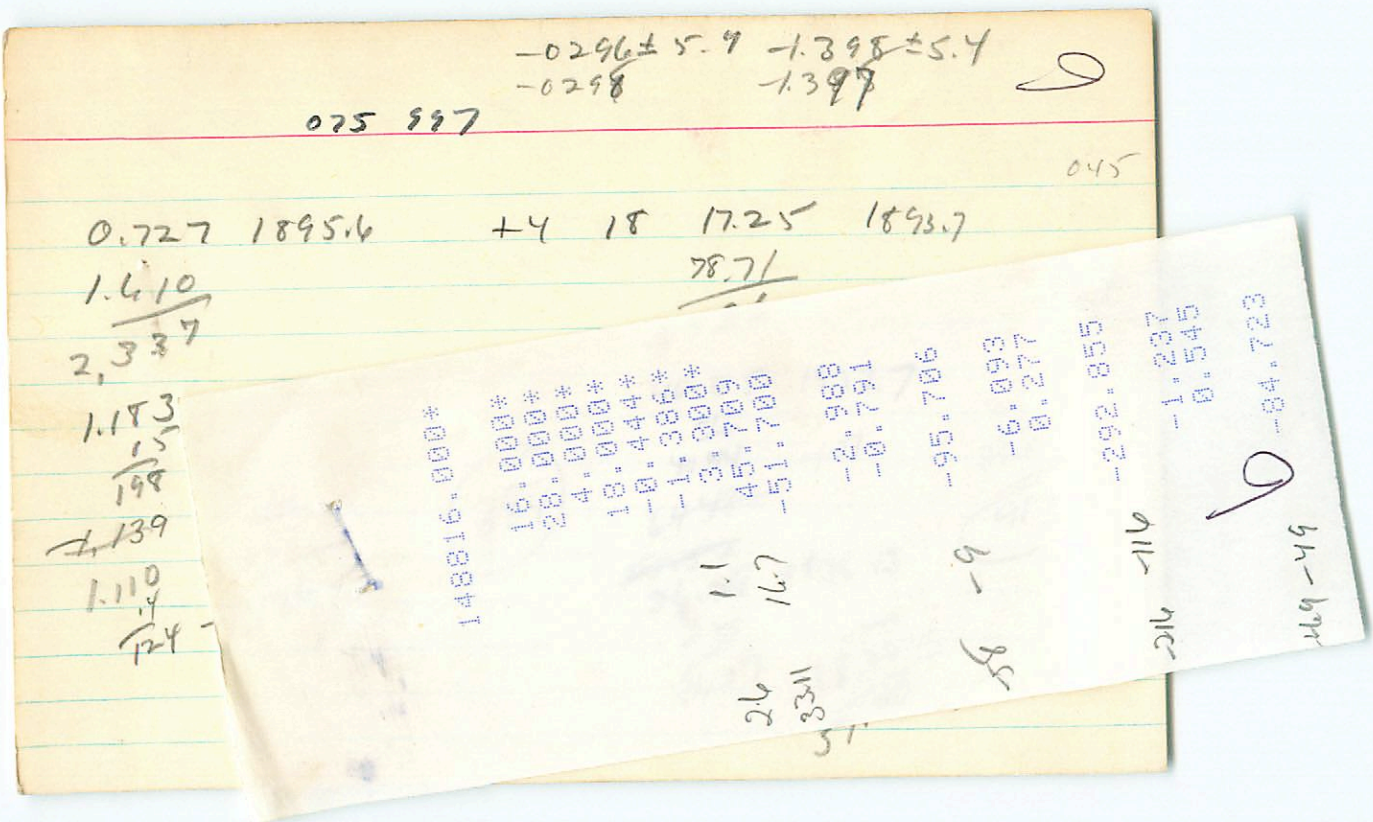
-440 -1.355

32A(16)

14M(7)

30Y(12)

27 ± 5



-0296 ± 5.9 -1.398 ± 5.4
-0298 -1.397

075 887

045

0.727 1895.6 +4 18 17.25 1893.7
78.71

1.410
2,337
1.183
198
139
1.110
124

-84.723
0.545
232.T-
558.262-
0.272
-9.999
-95.786
9-
-0.761
886.2-
45.609
3.999
-1.998
444.000
1.801
200.000
16.000
000.000
T488L.000

643 r=.46

V X Her 16 28.5 +15 28 -390 cm/s)

W950Y max 10.00 -02 B-V
min 11.20 +32

ΔS=5

+016±13 -024±13 BD
+012±4 -050±4
+016±9 -035±9
+013±4 -046±4 VS
BD 87

+1 -5
0 +5
+1 0

-921 -389 217 54$\bar{8}$ +013 -046 -360 -015 -124 -20$\bar{8}$

012 -014 -005 006 02$\bar{8}$ -04$\bar{0}$ -370 +144 +341 001

+172 +251 -332

+80 -27$\bar{8}$ -346

-49 Caplan -45.8

D Y Her 16 26.0 +12 07 ~~25.0~~

923 +12° 30 28

525

-003 +015 Clube

-272	+646	-713	+0038	+0459	+0497	+45.9	+26.1	+17.8
+628	+681	+377	-0089	+0484	+0395	+36.4	+20.7	-9.4
-730	+345	+591	+0104	+0245	+0349	+32.2	+18.3	-14.8

9

16.500
12.100
-3.000
15.000
9.000
631
-45.800

-0.272
0.647
-0.712
49.799
64.036

0.628
0.680
0.379
39.648
7.680

-0.729
0.344
0.591

-0010 ± 3.6 -004 ± 2.9
$+000($

149009 16 29.1 +22 18 6.0 9145 -25.6

22216

9510 4.936 1912.0 +22 18 5.57 19083

035

974

4.970

9

974

4.967

6

973

974

+002

19.3

+17

5.74

5.52

5.41

1935.0

5.71 1928.4

25

5.46

5.46

28

63

31.5

23.2

Name Sarah Wade Hr 4

Date 4/29/14

Sarah Wade

Hr 4

4/29/14

Mrs. Wade

Hr 4

Sarah Wade

Hr 4

4/29/14

Mrs. Wade

Hr 4

R.A.	:	16.500
DEC.	:	9.400
R.A.	:	38.000
DEC.	:	2.700
TANCE	:	35
ODULUS	:	6.500
. VEL.	:	
		-0.272
q1 (U)	:	0.400
q2 (U)	:	-0.752
q3 (U)	:	
dU	:	141.043
U	:	-0.000
q1 (V)	:	0.628
q2 (V)	:	0.703
q3 (V)	:	0.334
dV	:	347.362
V	:	14.214
q1 (W)	:	-0.729
q2 (W)	:	0.381
q3 (W)	:	0.568
dW	:	-17.332
W	:	3.090

8

+24.18

6157 16 29.2 +35 21 632 105

+006 -032 GL
-2 +5
+004 -027

-46.8

SS Hu 16 30.5 +6 58 7.6 gm 0

0 -002 MC
+001 -003 ←
-0007 -002 Tonbow

~~-0006~~

7.7 6.65 8.3
7.32
8.9
6.4 3

OTrA

148890 16 . 30.9 −65 24 5.4 G5 +9.6 6

22264

9525 +0061[10] −026[10] N30

+0063 ± 4.5 −040 ± 3.5 BL −N30

−0056 ± 5.7 +032 ± 4.7
−0082 +023

149748 16 32.2 +62 57 7.2 F0 −20.76

22288

9533 9.688 1899.4 +62 57 29.56 1896.9

283
9,971
53.43
16.012
9.642
64
.706
.10
716

36.4

9.600
31
631
674
−297
77

1347

−1.70
27.86
26.0
7.92 1926.7
28.08
28
28.36
−9 1347
28.27
29.30 1945.00
−10
29.20
28.74
+.188

71 7
35.8
38.9

-33.16

6180 16 32.2 +72 43 632 +132

-076 +038 GC
-3 +3
-079 +041

6180.000

16.000*
32.200*
72.000*
43.000*
-0.049*
0.041*
6.500*
139.526
-33.100

0.244
0.214

41.632

-0.146
0.783

-54.877

10

0.105
0.588

1.401

OHer

6168 149430 16 32.5 +42 32 −10.98

22294
9535

4.20" ±0.02" BgII −012 +039 Cc
−015 +043 V
−014 +043 F
−014 +042 L

−0014 71 +043 65 N30

−0013 ±1.0 +044 ±1.0 Cc → N30

-928 -373 674 737 -014 +042 -10.9 028 -7 $1\bar{4}\bar{7}$

-013 026 005 -010 -014 $1\bar{4}\bar{7}$ -8.0 +3 +7 23

+2 +13 -1

(+11 -6 -4)

6170 16 31.7 ±60 56 A0

149650
22287

-14C
-5 6 wall
-10

5.8

014 173 1.102 2.893 5G
024 158 1114 2.878
19 165 1.108 2.885
(30)

168
336
1104
1440
1475

a=40 1.74
n=66 0.6
5.2

6.4 imperial

PINT
+00165 -0157
+00149 010
+14

0.0120
0.0164-0040
0180 +48


6170.000*
16.000*
31.700*
60.000*
56.000*
0.01*
-0.010*
5.200*
105.640
-10.000