W Cet 1969 00 00 26 -14 57.5

HD 224340 7.1 -14.6 351 57 -74°

3 Oct
2 Nov

Net Deb
\[
\begin{align*}
S_1 &= 5 \\
S_2 &= 1.05 + 6.01 \times 5 \\
S_3 &= 7.34 + 0.05 + 6.05 \\
S_4 &= 12.04 \\
S_5 &= 5.02 + 6.09 \\
S_6 &= 5.09 \\
S_7 &= 6.05 \\
S_8 &= 6.05 + 6.09 + 5.09 \times 5 \\
S_9 &= 12.05 \\
S_{10} &= 6.05 \\
S_{11} &= 6.05 \\
S_{12} &= 6.05 + 6.09 + 5.09 \times 5 \\
S_{13} &= 12.05 \\
S_{14} &= 6.05 \\
S_{15} &= 6.05 \\
S_{16} &= 6.05 + 6.09 + 5.09 \times 5 \\
S_{17} &= 12.05 \\
S_{18} &= 6.05 \\
S_{19} &= 6.05 \\
S_{20} &= 6.05 + 6.09 + 5.09 \times 5 \\
S_{21} &= 12.05 \\
S_{22} &= 6.05 \\
S_{23} &= 6.05 \\
S_{24} &= 6.05 + 6.09 + 5.09 \times 5 \\
S_{25} &= 12.05 \\
S_{26} &= 6.05 \\
S_{27} &= 6.05 \\
S_{28} &= 6.05 + 6.09 + 5.09 \times 5 \\
S_{29} &= 12.05 \\
S_{30} &= 6.05 \\
S_{31} &= 6.05 \\
S_{32} &= 6.05 + 6.09 + 5.09 \times 5 \\
S_{33} &= 12.05 \\
S_{34} &= 6.05 \\
S_{35} &= 6.05 \\
S_{36} &= 6.05 + 6.09 + 5.09 \times 5 \\
S_{37} &= 12.05 \\
S_{38} &= 6.05 \\
S_{39} &= 6.05 \\
S_{40} &= 6.05 + 6.09 + 5.09 \times 5 \\
S_{41} &= 12.05 \\
S_{42} &= 6.05 \\
S_{43} &= 6.05 \\
S_{44} &= 6.05 + 6.09 + 5.09 \times 5 \\
S_{45} &= 12.05 \\
S_{46} &= 6.05 \\
S_{47} &= 6.05 \\
S_{48} &= 6.05 + 6.09 + 5.09 \times 5 \\
S_{49} &= 12.05 \\
S_{50} &= 6.05 \\
S_{51} &= 6.05 \\
S_{52} &= 6.05 + 6.09 + 5.09 \times 5 \\
S_{53} &= 12.05 \\
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S_{55} &= 6.05 \\
S_{56} &= 6.05 + 6.09 + 5.09 \times 5 \\
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S_{59} &= 6.05 \\
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S_{66} &= 6.05 \\
S_{67} &= 6.05 \\
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S_{70} &= 6.05 \\
S_{71} &= 6.05 \\
S_{72} &= 6.05 + 6.09 + 5.09 \times 5 \\
S_{73} &= 12.05 \\
S_{74} &= 6.05 \\
S_{75} &= 6.05 \\
S_{76} &= 6.05 + 6.09 + 5.09 \times 5 \\
S_{77} &= 12.05 \\
S_{78} &= 6.05 \\
S_{79} &= 6.05 \\
S_{80} &= 6.05 + 6.09 + 5.09 \times 5 \\
S_{81} &= 12.05 \\
S_{82} &= 6.05 \\
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S_{87} &= 6.05 \\
S_{88} &= 6.05 + 6.09 + 5.09 \times 5 \\
S_{89} &= 12.05 \\
S_{90} &= 6.05 \\
S_{91} &= 6.05 \\
S_{92} &= 6.05 + 6.09 + 5.09 \times 5 \\
S_{93} &= 12.05 \\
S_{94} &= 6.05 \\
S_{95} &= 6.05 \\
S_{96} &= 6.05 + 6.09 + 5.09 \times 5 \\
S_{97} &= 12.05 \\
S_{98} &= 6.05 \\
S_{99} &= 6.05 \\
S_{100} &= 6.05 + 6.09 + 5.09 \times 5 \\
\end{align*}
\]
HD 225009
5.66 11.09 10.91 5
7.34 10.08 10.05 7.5 = 8
0 0.0 0 0.0 + 05 + 49

W2
+0514
+0

G11
+0017 = 2.9
+0045 2.0
+0020 + 0

GL
+0017 ± 2.9
+0045 2.0
+0020 + 0

0 0 1.425 1846.4
-0.91
1.337

1.355
1.410
0.73
99

0 1.411 +024
1.435

1.435
1.410
0.73
99

42.3
8.0
49.010
49.05
40.7

45 49 14.30 15927
-21
14.09

14.2 1929.7
14.69 1946.09
-0.9
-0.9
-0.9
-0.9

4.35 0.21
225010  0  00.1  +65  49
W3
C2

7.5  A1  -6.76

50008 ± 3.5  -010 ± 4.6

0  0  3.749  1754.4
-044
3.705

+65  49  18.72  1856.4
+57
19.26
$228047$

$07 08 23 - 20 19 32$

$\frac{2}{18} \div 17^2 \times 6.7 + 0.076 \pm 3.25 \pm 5.6$

$22.561 \times 4.3 \div 7.8$

$323.22 \times 4.7$

$-4.37 \div 36.69$

$54.42 - 21.12$

$+108 + 7.6$

$+110 + 0.71$

$\sqrt{3.20 - 2.5\sqrt{3.82 + 2.5 + 3.04}}$

$117 + 7.1$

$2.0 - 4.0$
R.A. : 20.30
Dec. : 11.700
0.000
0.000
2.000
R.A. : 21.00
Dec. : 6.000
0.000
0.000
25

instance : 0.0873
0.477
0.102
0.814.395
12.223

Ip : (U)
Sp : (U)
Sp : (U)
Sp : (U)

Ip : U
Sp : U
Sp : U
Sp : V

Ip : (W)
Sp : (W)
Sp : (W)
Sp : (W)

Ip : W
Sp : W
Sp : W
Sp : W
R.A. : 0.000
DEC. : -20.300
I. R.A. : 117.000
I. DEC. : 71.000
DISTANCE : 2.000
MODULUS : 25
D. VEL. : -4.000

q1 (U) : 0.873
q2 (U) : 0.477
q3 (U) : -0.105
dU : 614.397
U : 15.853

q1 (V) : -0.450
q2 (V) : 0.869
q3 (V) : 0.204
dV : 58.313
V : 0.650

q1 (W) : -0.188
q2 (W) : 0.131
q3 (W) : 0.973
dW : -54.026
W : 2.536
TW 4nd 0 00.7 +32 34 -76.06

0 43.85 02 4
+32 34 4.0
-11 3.89
3.89

43.85 58.81 3.22
-0.04

+0.067 = 0.07 +0.0435

+0.067 = 0.07 +0.0435

+0.067
225094  0  00.8 +63 22  -39  \text{w (7)}
+6202356

-48 \text{v (2)}

6.24 +0.33 -0.54  B3Ia  H2A

3F_{6-2} = 1.59

v_0 = 4.65

m_0 = -6.4
Cut I

22 5180 0 01 66 06 +02 01 6.0 42 -17.76

Y

CL 30

9.00

0 1 35.285 1584.0 +02 0 34.04 1890.9

9.45

4.5

0 21.21

21.21

16.97

38.31

1 35.279 12.95

62 0 33.92

0 33.92

6.08 1936.2
$w_1 + 461$

$-0.0001 + 0.024 = 0.023$

$+0.0002 + 0.024 = 0.026$

$0.0002 + 0.024 = 0.026$

$3.76 + s = s$

$0 cm - 3.2$

$250$

$+723 + 257 = 1661$

$-043 + s43 + 330$

$-690 + 211 - 692$

$0 + s240 + 0.0$

$-2.1 + 41$

$287$
C 244 50
1 0 7 8 + 2 1 1 4
6 5 8 - 0.5 4 - 0 - 2 6
2 4 6 - 8 3 9
2 1 0 6
9 2 9 3
9 2 9 6
3 8 8 6
HR9101
HD225127 0 015 -16 45 -269 6
17 5.5 +0.2

CL33
+0038 06.2
+054 -06.2

+034 -054 CL

CL +0024 ± 4.2 -0.84 ± 4.2
new +0031 -0.49

0 1 46.062
46.062
-102
45.960
46.034
-015
46.019
-01
46.050
-090

1507.4 -16 48 23.83 1905.1
+2.42
21.47
23.27
23.48
+0.39
23.06

1963.8644
36.72

5.69
31.0

-22.95
-1.54
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<td>0.00</td>
<td>0.00</td>
<td>100</td>
<td>-38.20</td>
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**Notes:**
- (W): West
- (E): East
- (D): Declination
- (U): Uranus
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<th>DEC.</th>
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<th>VEL.</th>
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<th>$q_3$ (U)</th>
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<td>0.873</td>
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<table>
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<th>$q_3$ (W)</th>
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<td>0.190</td>
<td>-0.964</td>
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<table>
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<th>w</th>
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GOS
225218 -1.5 0 0 0.2 0 +41 49 6.0 A2 -8.06

20 -4.7 -8.9
38 -11.4 -8.3
30 A -1.1 -9.0

G- L 0000 ± 3.5 -0.21 ± 3.2
0 0 -0.04

0 0 2.05 ± 5
15 02.1 +41 48 51.18 1897.6

0.0 +41.5 +5

4.0 30.4 1927.4 Gm2 25

0.25

62.28

-21 → 59

52.19

52.17
9106  00  2.2  -  71  43

1037.6  -  144

5745  1000
2230  2122

145  1095  148
045  129  595  2987

880

6.55
0.55
6.24
235-239
6444
24
75819
+3304825
225-239
0 02.3 +34 23
VQ1 (43.5)
WF7 (44.0)
+4.05
+3.6 0 (3)
+3.8 w (3)
R
6.12 +0.62 +0.09 G2R P
s = 0.06

68-24 -6 -050
+0.755 +0.100 G2

43 A (16)
37m (6)
10 w (6)
34 56
\[\begin{align*}
0 & \quad 216.094 & \quad 1897.3 & \quad 3 & \quad 22 & \quad 49.83 & \quad 1894.8 \\
\frac{-3.215}{12.879} & & & \\
0 & \quad 57.75 & \quad 0.7 & \quad 14.92 & \quad 0.2 & \quad 14.72 \\
2 & \quad 14.74 & \quad 0.2 & \quad 14.684 & \quad 3.69 & \quad 14.684 \\
\frac{+3.4}{-0.2} & \quad +1.805 & \quad 57.23 & \quad 16.91 & \quad 14.675 & \quad 14.675 \\
\frac{14.675}{16.91} & \quad 14.675 & \quad 1.145 & \quad 1.145 & \quad 1.145 & \quad 1.145 \\
\end{align*}\]
295299
-703089
+058
+1050
+150
-896
3.4
131
0.34
8.0871
-20 30
+311
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<td>q3 (U)</td>
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<td>U</td>
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<tr>
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<td>509</td>
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**Columns:**
1. 26
2. 47
3. \(4.5 \approx 4.2\)
4. \(50 + 0.126 \times 3 = -4.6\)

**Table Rows:**

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**Notes:**
- \(47 + 79 + 292 = 358\)
- \(0.374 + 0.126 \times 3 = 0.37\)
- \(565\)

**Additional Data:**

<p>| | | | |</p>
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<td>14.82</td>
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</table>

**Notes:**
- \(2 + 2.2 = 2.122\)
- \(21.122\)
- \(14.5 - 1 = 19.2789\)

**Calculation:**

\[\frac{872}{21.122} = 41.5 \pm 0.3|\]

**Additional Data:**

<p>| | | |</p>
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<td>769</td>
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<td>253</td>
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<tr>
<td>-1259</td>
<td>-6.3</td>
<td>-3.7</td>
</tr>
</tbody>
</table>
0  1  4.45 - 0.64 + 14.0 - 0.07 - 1.6 - 0.03 = 2.0 - 0.25

0  0  11.0 - 0.03  0.14  4.45 - 4.0 - 4.0  0.0

-2 + 50 - 6

+41 - 27 - 9

-1.5

0.15

-2.0 + 74.4 - 6.0

+0.215 - 37.8 - 13.2

0.07
\[ \begin{align*}
108 & \quad 0 \quad 0.34 \quad +63 \quad 24 \quad -62.76 \\
-6.3 & \quad -6.41 \times 10^7 \\
-0.5 & \quad -0.5 \times 10^6 \\
+202363 & \\
7.40 & \quad +0.18 \quad -0.74 \quad 0.856 \quad -0.027 \quad 0.00035 \times 10^6 \\
368.4 & = 1.47 \\
v_0 & = 5.93 \\
m & = -5.1 \\
m - v_0 & = 11
\end{align*} \]