

27685

1369

4 19.5

+25

31

895 IV

20430

1000

5.40 -0.19

138

954

2.845

895

(16)

+16, -4, +20

APTS +32, +19, +8.7, +21

+0.15

+00 149 -0.127

W50

+20i

-0.115

0.142

0.161

0.142

-0.142

0.161

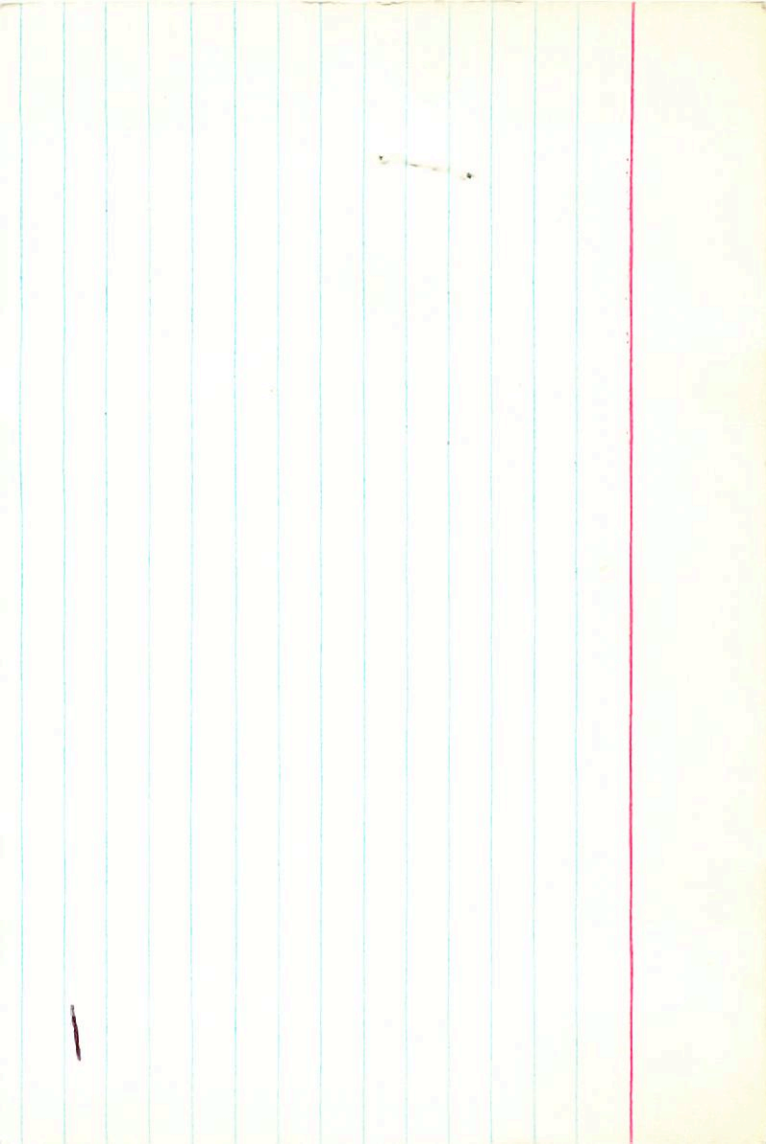
0.142

+0201

+018 -016

498
954
264
1222

MV +0.35
VO 5.815
49



27855 4 22.9 +57 28 6.2 A0 -1.16

2571

5358

25

+0006 -018 N30

+0017 ± 6.0 -018 ± 4.9 6.6 → N30

1.27

2



1911
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5

4.400
57.500
0.000
-19.500
7.000
251
-1.100

0.294
-0.436
0.851
40.264
9.178

-0.633
0.578
0.515
-53.426
-13.986

0.716
0.690
0.106
-63.779
-16.137

2

1352 4 22 51 +57 25 A0 77

AD
061 105 1153 2.818
126 1165

PK05 (E)
12
01
008.7 012.22

+00036 -0179 F104 Sup
+0029
157
0197

+0012 -018
+0095 -0175

4.4
+57.5
6.0
6.95

0
-19.5
7.0
-1.1

+0076
+005 -019

000-0195

598
8296
5584
598
8009

0150

3

1392

4 22.9 +57 28

A0114

27955

5358

6.2

1049 187 1059 2.862 et al

53
585

374

1054

a=89
n=84

1.483
1.48

1006-018 N30

7005

181

1

1065

555

555

-1.16

640

2

10.5

~~46619~~

13474

2661

—
—

Bud 51

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—



1382.000*

4.000*

22.900*

57.000*

26.000*

0.005*

-0.018*

5.550*

129.825

-1.100

0.044

0.050

4.743

-0.064

0.516

1259

24149

20389

4 24.3 722 83

0.35 13.25

1781 0.15

1419 28459 4 27.4 +82 20 89.57

8020

6.20 -008 125 904 2.812

123 906

+184

246

1152

(12)

+187 283 +11.9 21.3 +10, +9, +8, +11, +23
+25, +2, +1, +4, +4, +16, +1, +10, +1, +10, +1

VU 6.1
6-0

+17:

000 -012 6-6

0004 -0095 R14

-005-011

1146

3

46.3

48

21

BS

6.82 - 0.22

128 846

2.776

BS II per

5

1419.000*

4.000*

27.400*

32.000*

20.000*

-0.005*

-0.011*

6.000*

158.489

17.000

-0.005

0.959

15.531

-0.024

0.212

0.001

$6m \approx 0$ B.Y

1742

4 30.6 + 17 54

$\frac{19816}{100}$

E + 18 6.25 070 109 826 2.509 8974

$\frac{105}{100} \frac{16.84}{100}$

130 812
268
1072

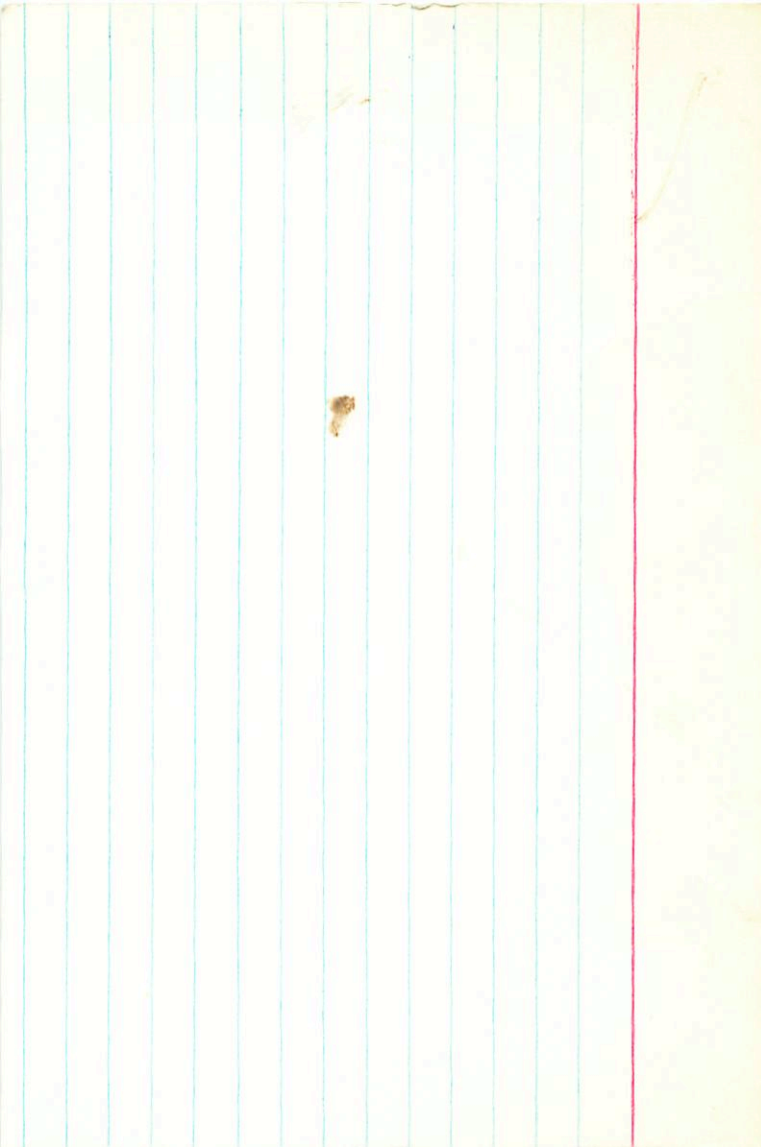
1244 134 V W W W W W W
 $19, 5, 8, 1$
from 22 19, 5, 8, 1

MV 10.2
VO 5.7
 $\frac{5.5}{5.5}$ (125)

+ 14 - 25

- 1012 - 023

3



144

25929

21322

4 81.5 + 28 51

2187

-004
700 0.85

+65

+045

Handwritten notes: "Handwritten", "work", "10.11" circled

5.89 -007 100 600 2753 090

099 631
198
829

5.7
6.05

5.7
-0.35
6.05

1/31

100023 -0233 30

-00001
-0205

-00021
-0025
-003-022

4.5
+28.75
-3.5
-2226
6.05
+10.1

1371
~~2765-0~~

1

6

4.500
28.850
-3.500
-22.000
6.050
162
10.100

158.4

0.272
0.022
0.962
-6.257
8.702
-0.628
0.762
0.160
-70.337
-9.791

0.729
0.647
-0.221
-78.097
-14.900

b

28980

4 302

464 00

1440

(21452)

-2603-7.37
1236065

-9938 / 0250 /
0102

6409

1114

-1229

A053304

W2673

Y 31.5 +28 5-2 3.7 134 +13.2

-9 -16

DC 5571

HD 25929

+0004 +2.4
-0007

-025 +2.4
-018

30.007

1402.4

30.07 1501.5

~~9.65~~

+0001 -023
-0010 -016

31.18

29.95

-0004 -020

30.9 1425.5

5.61

972

30.56

26.8

29.972

-016

30.67

1428.0

9.85

178

30.57

272-020 9625

-0064 -0014

-0063 -14 +12.5

30.92

-628 762 1625

+0144 -0722

-0523 -00.2 +2.1

46

730 648 -220

-0123 -0614

-0287 -14.0 -2.9

466 in
 29009 4 31.5 -06 51 5.7 B9 +178
 0000 2.9 -004 ± 2.4
 -0003 +001

2671
 5569 28.426 1899.1 -6 50 32.49 1898.6

A053305
 11 m 1.5
 15.318
 13.685
 $\frac{28.393}{16}$
 $\frac{3.77}{1.310}$
 $\frac{4.17}{4.17}$

00015 -0015
 00050 -0030
 0024
 $\frac{005-007.5}{005-007.5}$
 37.8

412
 $\frac{4.5}{0.14}$
 28.393
 $\frac{+1.17}{.409}$

00050 -0030
 0024
 $\frac{005-007.5}{005-007.5}$
 37.8
 4.5
 -6.8
 $\frac{005-5}{004.5}$
 6.0
 4.7

42.82
 11.25
 $\frac{31.57}{-1.34}$
 $\frac{32.91}{+4.229}$
 $\frac{33.44}{-}$
 32.51 1935.53
 $\frac{+34}{32.17}$

198426
 7359
 $\frac{36.9}{40.3}$
 $\frac{32.37}{7.04}$

7

4500
900

1465 - d₁ v₂ Si 4 32.9 -55 09 1.58
A_p z_i (400)

24305 3.26 -10 -34 C

5600 71 401 -037 +115 +653 (3) 2.767 (3)

4034
10010
+12

230
660
8183
2832
66 2835
2765
68

307
100613 40006 Field

E = +03

11004
10525
X25.9 W 39

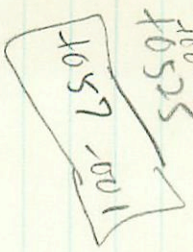
V₀ = 317 3.57

-0.15

R-V₀ -13

u-13 -36

mV -0.6





20

218.00
2.00
2.00
12 F 100

28.15
50
57.7

25000
45000
100000
100000

24764
4.7
4.7
4.7

262
33
299

1000
1000
1000
1000

5000
1000
4500

23.15
11
18.15

1000
1000
1000

488
488
488

1000
1000
1000

10000
10000
10000

85.15
131
25.15

3888

519
15
504

1000
1000
1000

5000-6350
0493

82.25
4
88.25

555

1888
30
1858

4.5
1155
46
109

1000

J. Ben Si Y 32.9 -55 09

+3562

1465
29305

713

141

-037 122 646 2.767 2

check:

13 years down

111 653

$\frac{227}{875}$

$\frac{2.213}{1.7}$

P=1310

12125

44-22-18

8

4.588	:	R.A.
-25.158	:	DEC.
24.888	:	PM. R.A.
-1.888	:	PM. DEC.
3.888	:	DISTANCE
48	:	MODULUS
25.888	:	RAD. VEL.
0.272	:	p1 (U)
0.252	:	p2 (U)
0.272	:	p3 (U)
24.733	:	UB
4.282	:	U
0.228	:	p1 (V)
0.232	:	p2 (V)
-0.241	:	p3 (V)
-188.213	:	VB
-22.377	:	V
0.222	:	p1 (W)
-0.152	:	p2 (W)
-0.222	:	p3 (W)
182.442	:	WB
-2.242	:	W

8

R.A. : 4.500
DEC. : -55.150
PM. R.A. : 94.000
PM. DEC. : -1.000
DISTANCE : 3.000
MODULUS : 40
RAD. VEL. : 25.600

q1 (U) : 0.272
q2 (U) : 0.959
q3 (U) : 0.079
dU : 64.733
U : 4.589

q1 (V) : -0.628
q2 (V) : 0.239
q3 (V) : -0.741
dV : -160.913
V : -25.377

q1 (W) : 0.729
q2 (W) : -0.152
q3 (W) : -0.667
dW : 186.449
W : -9.648

8

+0060±2.0
+0052
-001±2.1
-005

2 Jan 4 32.9 -55 09 40p 125.6 a 016

29305 3.26 -0.05

4051 -001 CC
+057 000 N30
+055 000

54.799 1906.4 -55
+05 1902.0
51.77

262
53

51.92 1938.96
+27
51.6

40.6

54.749
-47
702 96

53.96
47.0
44.1

748
112 1

51.96
12

54.817
-23
59

52.34 1955.0
52.30

4204 7112
9078 7029

929 321

-820 3 -820 572 +855 000 +256 0 +21 0

-057 0 020 0 242 095 414.6 45 414

+20 +20 +21

+30 ~~112~~ = 109.4 0.25 18

1956.12 153 0.40 20

1956.14 155 0.40 20

1964.10 124 0.207 50(I)

1959.03 164 0.24 48

1964.16 126 0.185 50(I)

1960.00 133 0.20 28

1960.04 153 0.210 30(I)

1962.13 20097 20(I)

1961.93 198 0.135 18(I)

1963.13 295 0.110 90(I)

1962.13 20097 20(I)

1963.13 295 0.110 90(I)

1963.18 295 0.110 90(I)

1964.16 126 0.185 50(I)

1965.07 134 0.27 48

1774 4 34.9 -30 49 184 12 14

Doing

135

6.81 - 45 142 289 2804 355

128 758
256

1054

-0015 + 011 800

-0014 + 0105 + 15.0

~~10.25~~
6.3

6.1

-0180

1014 1009

9

551 6.100*
~~15488~~ 165.959
15.000

0.019
0.472

+10 10.252

0.063
-0.588

9 +1 1.685
-0.043
-0.657

-11

1460

4 355

445 52

455

05
W 3

0111004

→ 0215

- 24

+ 23

+00007

→ 0245

1221

+0003

5155

466

555

5855

1005-026

2827

84

-26

0204

7.2

9200

+33

10

4.660
49.900
8.000
-26.000
7.200
275
3.300

8.237
-8.333
8.913
46.838
15.912

-8.617
8.674
8.486
-98.894
-25.677

8.758
8.668
8.846
-62.996
-17.199

10

15 10 4 45.0 +70 46 89

8-25

114
6.37 -038 135 849 2.795 A015

124 857

$\frac{248}{1105}$

$m_V = +0.9$
 $V_0 \frac{6.35}{6.85}$

+9.5

+016 -015 GL

+0177 -0145 FR4

+014 -016

-2

—

11

1524

4 440

-34 06

B9

30287

6.85 000 (-0.01) C

5814

6.85 006 143 1092 2885 3512,247

(3)

145 1091
240

yet

1381

10026 - 1017
Pays Lit

+0.3

102265

475

10324

341

444

115.5

6.9

6.25

10368 + 10155

124

~~1524~~

277

~~5512 + 2108~~

+020
+013

CS

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1160

~~56497~~

10.1

+02573.2 +02072.5

+0020
+0026

41.469.1

~~-100~~

+0031

72.12

~~5~~
39.12

~~57.476~~

"

+229

39.12

~~-1~~

0.8

~~41.878~~

41.878

+0028 +017

41.876 55.17

miss ?

~~58.508~~

+0028 +017

41.876 55.17

-6

~~+1~~

41.69

58.523

410.94 69.42

+115

~~578~~

2

100

100

100

100

100

100

4.750
-34.100
44.000
15.500
6.250
28.000

186-21

17282

0.217
0.076
0.431
101.040
30.100

131

-0.611
0.466
-0.639
-71.320
-30.500

31

0.761
0.125
-0.637
140.500
7.174

18

12

27² div

4 47.9 + 0.8 49 + 24 c

14R, 544

4.30th + 0.03th 406

+ 004 - 031

+ 0003 ± 0.3 - 0.81 ± 0.6

53.074 00.1
- 15

059

+ 0009
0009

0018
0003 - 032

0000

03 57.2 904

14.5

59.41

48
+ 8.5

117

~~4004~~

5770 3406

+ 2.5

53.074
+ 20 / 06

55.074
+ 12 / 12

55.059

+ 0001 - 031

+ 13 / 585

325

57.70 345

17.55

53.041
+ 20

53.059

57.70 345
+ 13 / 585

57.70 345

+ 2.20

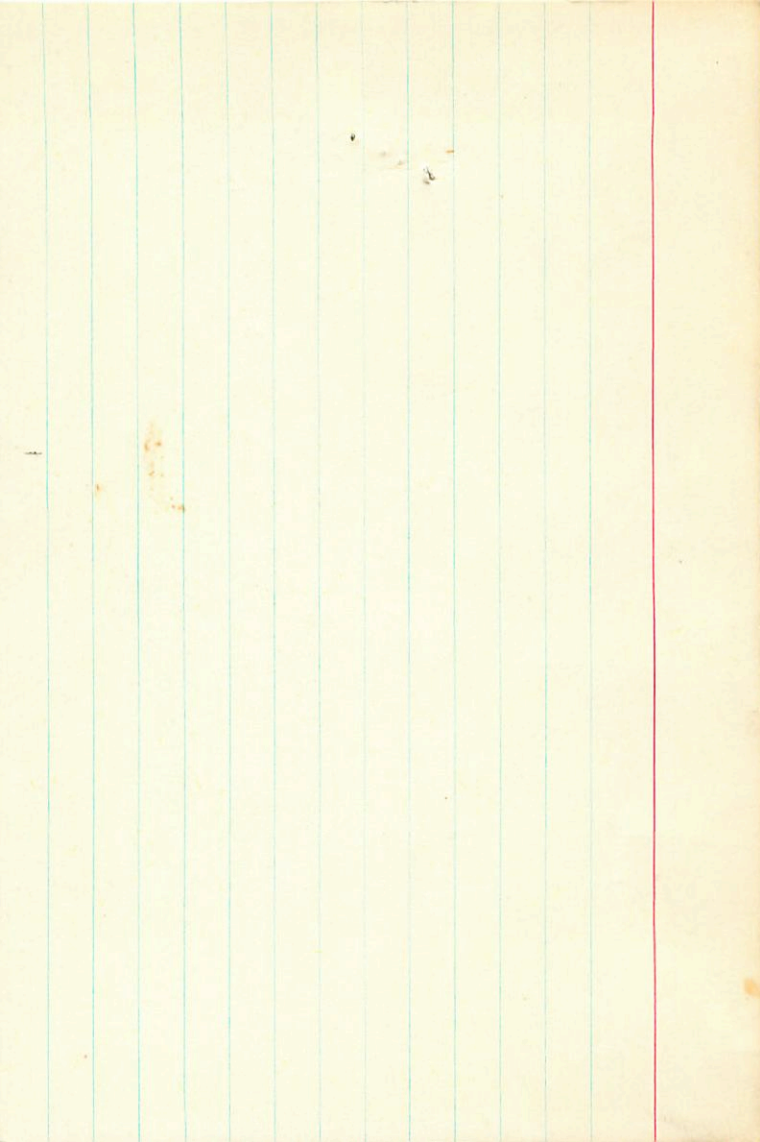
56.77 64.5

53.041
+ 20

53.061

56.77
- 8

56.79



DA07,1

1544⁷⁰ (10) 4 47.9 +8 49 409

30729

5892

4.35 + 0.02 - 0.03 <

Hand - 31
- 30
+ 1000
= 1069

0004

010
507

308
1.121
1.729

154
152

153

a = 220

n = 118

1.121
1.108

1.114

300
420

1.434

10
- 0.255
9.0

155

610
1113

2.838 JGS
2.847 let out
2.840

(9.0)

Hand - 31
- 30
+ 1000
= 1069

+242

50 0 12.4 + 8 33

1061

287

Strongy!

4.01 + 0.32 + 0.04 Eggs

ADD 191: A in 211 Pac 0.8 (colony in 1st)

B 742 + 0.40 - 0.03 Eggs

Band 51

13

Handwritten notes on a small piece of paper, including a circled number '1'.

Vertical strip of paper with faint, mirrored text, likely bleed-through from the reverse side. The text is arranged in several columns and includes numerical values such as 0.000, 0.005, 0.010, 0.015, 0.020, 0.025, 0.030, 0.035, 0.040, 0.045, 0.050, 0.055, 0.060, 0.065, 0.070, 0.075, 0.080, 0.085, 0.090, 0.095, 0.100, 0.105, 0.110, 0.115, 0.120, 0.125, 0.130, 0.135, 0.140, 0.145, 0.150, 0.155, 0.160, 0.165, 0.170, 0.175, 0.180, 0.185, 0.190, 0.195, 0.200, 0.205, 0.210, 0.215, 0.220, 0.225, 0.230, 0.235, 0.240, 0.245, 0.250, 0.255, 0.260, 0.265, 0.270, 0.275, 0.280, 0.285, 0.290, 0.295, 0.300, 0.305, 0.310, 0.315, 0.320, 0.325, 0.330, 0.335, 0.340, 0.345, 0.350, 0.355, 0.360, 0.365, 0.370, 0.375, 0.380, 0.385, 0.390, 0.395, 0.400, 0.405, 0.410, 0.415, 0.420, 0.425, 0.430, 0.435, 0.440, 0.445, 0.450, 0.455, 0.460, 0.465, 0.470, 0.475, 0.480, 0.485, 0.490, 0.495, 0.500, 0.505, 0.510, 0.515, 0.520, 0.525, 0.530, 0.535, 0.540, 0.545, 0.550, 0.555, 0.560, 0.565, 0.570, 0.575, 0.580, 0.585, 0.590, 0.595, 0.600, 0.605, 0.610, 0.615, 0.620, 0.625, 0.630, 0.635, 0.640, 0.645, 0.650, 0.655, 0.660, 0.665, 0.670, 0.675, 0.680, 0.685, 0.690, 0.695, 0.700, 0.705, 0.710, 0.715, 0.720, 0.725, 0.730, 0.735, 0.740, 0.745, 0.750, 0.755, 0.760, 0.765, 0.770, 0.775, 0.780, 0.785, 0.790, 0.795, 0.800, 0.805, 0.810, 0.815, 0.820, 0.825, 0.830, 0.835, 0.840, 0.845, 0.850, 0.855, 0.860, 0.865, 0.870, 0.875, 0.880, 0.885, 0.890, 0.895, 0.900, 0.905, 0.910, 0.915, 0.920, 0.925, 0.930, 0.935, 0.940, 0.945, 0.950, 0.955, 0.960, 0.965, 0.970, 0.975, 0.980, 0.985, 0.990, 0.995, 1.000.

Handwritten letter 'B' in the bottom right corner of the strip.

4,800
0,800
2,500
-32,500
4,550
81
22,000

0,206
0,472
0,857
-70,212
13,156

-0,608
0,748
-0,266
-122,488
-15,800

0,767
0,466
-0,441
-62,762
-14,799

13

1555

4

51.0

+55

11

892

85708

5.51

84

028 120 1031 2.824

129 1.028

256

1.281

$m_v = +10^\circ$

$v_u = \frac{5.35}{5.35}$

-011 -645 Y

-010 -004

+248

-009 -00866

-009 -004714

5.3

-0013 -0076 F124

-004 -009

2

24

1900
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1996
1997
1998
1999
2000

1555.000*

4.000*

51.000*

55.000*

11.000*

-0.004*

-0.009*

5.300*

1250-10507 114.815

2.400

0.014

0.884

74

3.777

-0.017

0.449

-1

-0.831

1559 0.5 4 49.6 - 34 59 AIR

31093

DM 1.0

5.85 + 0.08 (10%) C

12

5.85 003 243 936 2.503 0.17, 22, 80

486
243
936
1425
1.64

486

243

936

n = 15 ✓

n = -10 ✓

Red 51

1422

1427

+022-026

+230

+180 180
936 1.6

15

31093
5939

$\Delta m = 20 \mu$
6.2

4

49.7

-34 59

5.85 ± 10

$+0018 \pm 3.4$ -028 ± 3.0
 $+0016$ -024

$C_1(4)$

AIV $+23 \pm 2$

38.960 1403.5 -34 5-9 20.91 1900.2
-084
876

38.941
-4
937

91
946

430

1.39
19.52

20.92 1939.13

24
20.68

38.944
10
954

$+070$

20.64 1953.50

10
20.54

92 93
46.5

20.61
-1.09

46.3

