

95 Pac 440 705 -0015 ± 2.6 -129 ± 2.5
630 415 -0009 ± 2.0 -126 ± 2.0
8875 1 25.1 +0.5 06 7.3 060 -1468

832

1764 25 3.859 1897.8 +5 5 44.26 18943

AD51158 Weygema

7.4 } 0.4
8.2 } 0.2

-29.3 * 23 X -132
-34.7 * 23 X -141
-12.3 * 23 X -134

-809 126 vanilok
-1255

6.88 1205

-146

-0.134

-0.12 -130

+39

6.6

6.3

7.0

7.6

Wey 630

7.6

83



8875.000*

1.000*

25.100*

5.000*

6.000*

-0.012*

-0.130*

3.650*

53.703

-14.600

4.15
68.17

7908

1 16.0 -23 16

7/4/1

1000 -055 4

Cape Akhunda
pendulum

7/1/1

+0006 -055

7007 192 135622 2.718 944-

+0.009

1.25
20.25

+127

-59

545

54

1.250
-23.250
12.000
-59.000
5.450
123.03
11.100

0.805
0.580
0.125
-120.153
-13.393

-0.585
0.811
0.002
-257.413
-31.649

0.100
0.075
-0.992
-15.616
-12.934

84

4875

624

7.08 +0.63 +0.20

A05115F

1 25.1 +5.06

-14.68

601746

70

-0.0016 1309

-0.13 -126 H

88x

-0.009 1302

-12.56

Wad 630 gts.

-0.11 130

1.4
+5.1

-1/4

-130

.4.0

-746

363 932 679 956 -013 -126 -146 -011-1 -592

005 004 -012 -010 071 -055 -145 -14 -5 0144

-9 -8 -42

-25 -32 -11

8



MDA

3/18

2/2

M.P.

1.100
5.100
-11.000
-130.000
4.000
63
-14.000

only

392

0.791
0.440
0.417
-317.200
-26.100

-254

-0.597
0.715
0.364
-409.630
-01.155

-302

0.135
0.506
-0.000
-307.500
-9.134

-84

~~10/20/27~~

2 2207 + 15 32

10/20/27

1474 1474

10/20/27

9 ~~507~~ 507 + 046 046

145

1706-0786

74

248

86

3.488	:	R.A.
28.200	:	DEC.
195.888	:	PM. R.A.
-79.888	:	PM. DEC.
2.428	:	DISTANCE
31	:	MODULUS
-14.700	:	RAD. VEL.

0.88	:	p1 (U)
0.12	:	p2 (U)
0.72	:	p3 (U)
488.77	:	q1
4.23	:	U

-0.82	:	p1 (V)
0.22	:	p2 (V)
0.47	:	p3 (V)
-222.38	:	q1
-38.28	:	V

0.32	:	p1 (W)
0.79	:	p2 (W)
-0.42	:	p3 (W)
-0.12	:	q1
7.87	:	W

80

R.A.	:	2.40
DEC.	:	28.50
PM. R.A.	:	195.00
PM. DEC.	:	-79.00
DISTANCE	:	2.45
MODULUS	:	31
RAD. VEL.	:	-14.70

q1 (U)	:	0.60
q2 (U)	:	0.15
q3 (U)	:	0.75
dU	:	483.7
U	:	4.2

q1 (V)	:	-0.6
q2 (V)	:	0.5
q3 (V)	:	0.4
dV	:	-752.3
V	:	-30.2

q1 (W)	:	0.3
q2 (W)	:	0.7
q3 (W)	:	-0.4
dW	:	-6.1
W	:	7.0

86

453
437

+10
+17

785

15652

3015

217
609

2 28.3 -22 46 g ml

6.10 +1.59 +1.99 2E

5.16 +0.79

479
3.26

-186

7.0

96
7.05

+0005 -0285 60+

-
+0005
+ 27

+ 27

+0005 -034

510
478
3.15
2.25

57



735.000*

2.000*

28.300*

-22.000*

-46.000*

0.000*

-0.034*

7.000*

251.189 *239*

-18.600

-0.083

0.347

-27.341 *259*

-0.143

-0.176

-32.678 *302*

-0.004

-0.921

16.127 *161*

87

+0004 ± 3.6 - 030 ± 3.4
+0006 - 027

15652 2 28.3 -22 46 6.4 g M1 -18.666
1418

3015 15.952 1906.2 -22 45 58.70 1902.9
-018
934
+ 1.41
57.29

52.8904 1934.67
41.33

7.583
8.380
15.963
+20
983

57.77
2452
59.20

58.18
-1.89

29.7

951
+ 017
939
15.940

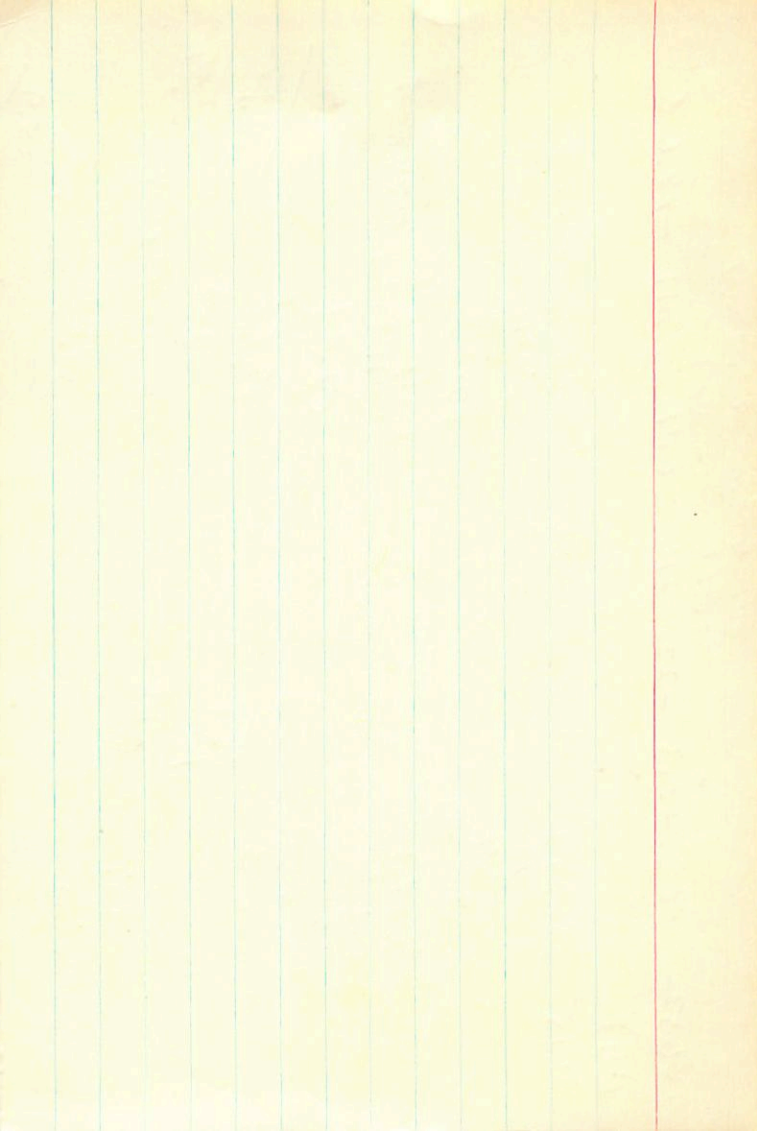
58.71 1935.14

+26
58.45
1951

15.915
+15
930

59.06 1933.76
1.27
57.79
35.9

33.0



158

AEW

7 cut

0 12.0

-19 13

m 1 III

48

445 +106 +195 2

344 +0.86 25

2.58

1038

272

332

+0.86 2E

1.91

down by gain
in beds

335

70.86

2.35

308

109

2.35

176

306.66

2.35

±15

-22.59

-0021 -065

500

186
585

+
-0120

1

-0255

-37

+
-029

1

-0255

17

-192

-25

-70

vis

over

~~690 - 620~~
-027 - 069

-024 - 070

-000
-0020527
-0020525
-0020525

6.083 984-016
109
192
3502 09.3

6.134
-15
120
29.58

-0019-016
-0019

31.53
34.74
+29
34.55
~~34.55~~
34.55

6.054 2107 3683
-11
043
3683
3686

2

+6.4 ± 0.7

501A

18467

3 94.9 -13 57

203734

6.94 10.64 10.12 2 180 $\delta = .06$

10732

-14%604

W 350 -0.0120 -2633

-0.0120 -2644 +0.24 ± 14 -249 ± 10 Y

-10 -27 -17 .040

-15 -33 -18 .030

-0.186

3.1
-13.5
-16.5

-0.16 -267

26.7
215

+12.3 6w(4) 10.5 ± 4.8

212

88

8

8

8

—

—

3.100
-13.950
-16.500
-267.000
2.150

26.91

0308

~~12.000~~

fly

0.552
0.633
0.543
-843.043
-16.017

-20.7

-0.667
0.726
-0.167
-867.703
-25.413

30.2

88

0.500
0.270
-0.823
-379.267
-20.333

23.2

29457

5674

6.58 292 150 532 10000

67

4 36.7 +40

4/020

38 19.4

300

137

136

$\frac{150}{539}$ $\frac{599}{541}$
0056 ± 43

-020 ± 3.3

062-020 Country
-070-020 72

43666 1.7 -0066

32.44 58.4

$\frac{270}{936}$

-0061

1.03

653 +41

33.47

71

2464

4487

-00635 -0155

43.609

(52.33)

32.69

9568

-00663 -0132

$\frac{1}{607}$

$\frac{21}{3240}$ 7068

2506

-0754

43.563

(58.51)

32.39

10000

-077-015

$\frac{127}{593}$

-10

+88/1665

3

32.26

+18/1105

0291

2668

89

1.
R. A. B. S. T. I.
DEC. 2. 1900
R. A. B. S. T. I.
DEC. 2. 1900

1. R.A.
DEC.
R.A.

48.600
40.700
0.000
0.000

29457 4 367 +40 42 6.58 F2

+4061017

665074

6.58 292 150 58

43.666 1.7

-0056243 -020530

32.44 98.4

40609389

21 90

8 188

32.23 32.64

72

32.90

51 -4 141 W350

-00614 -014 141

-10013 -0145

7018 -926

0726

-1053

-7074

-165

0270

2.87

-12.7

-0647

710 170 -016

29457

4 38.8

+40 41

-48 112

36.55 189

30.5 189/243 0.7

653 54 + 0.2

0062-020 Endling

070-020

53

20

3.5

48

7068

7074

4528

2906

0726

1012



90

1900
1901
1902
1903
1904

AD. VEL.
MODULUS
DISTANCE
PM. DEC.
PM. R.A.

1905
1906
1907
1908
1909
1910
1911
1912
1913
1914
1915
1916
1917
1918
1919
1920

PM. DEC.
PM. R.A.
DISTANCE
MODULUS
AD. VEL.

1921
1922
1923
1924
1925
1926
1927
1928
1929
1930

AD. VEL.
MODULUS
DISTANCE
PM. R.A.
PM. DEC.

R.A. : 4.550
DEC. : 40.700
PM. R.A. : -93.000
PM. DEC. : -20.000
DISTANCE : 3.500
MODULUS : 50
AD. VEL. : -4.800

q1 (U) : 0.261
q2 (U) : -0.178
q3 (U) : 0.949
dU : -70.395
U : -8.082

q1 (V) : -0.625
q2 (V) : 0.718
q3 (V) : 0.307
dV : 140.633
V : 5.575

q1 (W) : 0.736
q2 (W) : 0.673
q3 (W) : -0.076
dW : -309.748
W : -15.158

cp

HR 1551

2 Am 4 49.3 +36 27 7183 -16.5a

w 2871

HR 30834 4.77 +1.41 +1.55 R3III

(16) -16 to -17

Sand plus -1721 2023

-16.5 water and bird (5)

-1721

-1723 -104 Cambridge

-1728 -1014

-023 -005 6c
-029 -005 N
-023 -011 (6.12)
-026 -005

-1583

-2056

6956

-7183

7944 7260 7044
1700 2044

2018

1885
1124 717

HR 524

HR 3

HR 524

HR 524

HR 524

(156)

HR 524

HR 3

HR 524

HR 524

HR 524

953 304 595 804 -026-008 -46.5-005^{-9.8} -10⁻ -028⁻
025 005₀₀₈ -002 128⁻ -014⁻ -13.2 -4⁰ -12.6 009

+10 -15 -13

-18 +1 -13

+9⁸ -14⁰ -12.6 01

-17.4 -12 -11.3
+1.1

+4.6 -13.6 -11.6 015

-17.0 -0.4 -7.2

+2.4 -13.3 -11.2 02

-14.7 -1.2 -5.1

2 AM

30834 4 49.3 +36 37 5.0 g 113 -16.5a

2871

5934

19

-0024 -005 N30

-002022.5 -008#19

-00228 -0073 W3 50

-0024 ✓ -0077

-0291

-030 -009

6951 - 113 0213

- 777 -3374-1017

-005

(-12.9)

0119

763



91

R.A.	:	4.800
DEC.	:	36.450
R.A.	:	0.000
DEC.	:	0.000

23 ✓
+0010 ± 42
+0010

+030 ± 3.6
+022

5.1 A2 ~~3.2~~ 6

46089 6 29.0 +11 35

4174 5.05 +14 +13 A4E

8468 0.964 1904.5 +11 34 51.23 1905.5

$\frac{45}{919}$

$\frac{1.34}{49.89}$

1.917
 $\frac{33}{950}$

50.42
+14
 $\frac{50.56}{50.40}$

1934.4

1.942
 $\frac{20}{962}$
+033

55
 $\frac{952}{952}$
+033

(33.5)

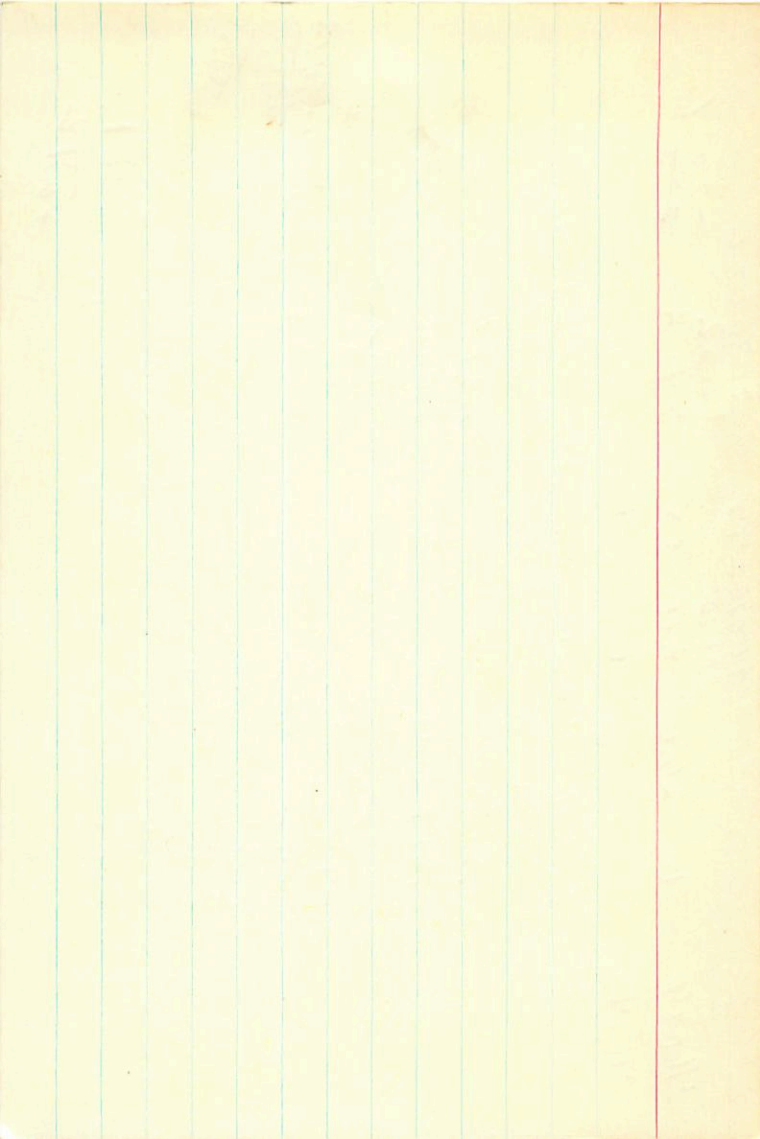
50.37 1935.57 114.03
 $\frac{38.0}{32.5}$

50.76 1940.09

1.913
 $\frac{30}{943}$

50.87

$\frac{50.69}{50.72}$
+0.72



387

2469 6 356 - 9 07 140

4827

8756

5.18 + 1.54 + 1.89

E = +06

735 + 0.65

423 64

+2.5

+09a

~~+005-047~~

+00245

-040

6.65

+00212

-0471

-9.1

0314

+34

034-046

-46

5.6

+0.9

92

6.650
- 9.100
34.000
- 46.000
5.600
132
0.900

1431

- 0.214
0.812
0.762
- 167.401
- 21.382

-231

- 0.409
0.652
- 0.608
- 207.254
- 27.897

302

92

0.887
0.440
- 0.111
43.402
5.622

461

217 3.87
899 3.67
2

2464
4527

6 396 - 9 079 MO

MO 18

$\frac{+7}{+1}$

5.19 + 1.52 + 1.88 C

TS

$\frac{+1}{+3}$

4.35 + 0.68 2ES

425 695
389
385

+0026 - 0.048 Gcut

- 3 - 1

+25

+0341

+0.96

6.0

305
385
2
155
155

2037 - 048

Q3

1000 5-1-2
1000 2
1000 60
1000 10
1000 15
1000 20
1000 30
1000 40
1000 50
1000 60
1000 70
1000 80
1000 90
1000 100

1000
1000

1000 110
1000 120

1000 130

1000 140
1000 150

1000 160
1000 170

1000 180
1000 190

1000 200

1000

1000

1000

DP

2469.000*

6.000*

39.400*

-9.000*

-7.000*

0.037*

-0.048*

6.000*

5.85

147.5 158.489

0.900

-0.177

0.761

-25 -27.363

-0.220

-0.639

-33 -35.422

0.054

-0.110

93

+8

8.385

+0026 04100 →
+0025 -055200 →

+0029 ±4.8 →
+0025 →
-054 →
-044 →
-0.52 →

48217

total -048
+003

+0023
+0025
+0027

3315
+27
3342

2.60
+3
2.63

4355

+0026

+0023
+0025
+0027

3315
+27
3342

2.60
+3
2.63

8756

33.160

1508.5

1922

7

3.20

1907.0

-218 610 762

-116
044

0650 744
13 9 14 85

474
44

+1.72
1.48

33146

+25
164

38.7
2.0

-409 653 -634

1 044

0650 744
13 9 14 85

3792

+1.48

33146

+25
164

38.7
2.0

887 444 -100 21.563

-119
13 9 14 85

1846

38.55

164

1934.55

2.0

11.548

-119
13 9 14 85

1846

23.46

164

1934.55

2.0

-04104.1340

33.1117

224 314
165 165

29.7

2137

2.03

164

1934.55

2.0

-07253 -1488

33.1117

224 314
165 165

29.7

2137

2.03

164

1934.55

2.0

+16400 -1020

33.1117

224 314
165 165

29.7

2137

2.03

164

1934.55

2.0

1744 -31410 33.075

33.1117

224 314
165 165

29.7

2137

2.03

164

1934.55

2.0

-2240 -3424

33.1117

224 314
165 165

29.7

2137

2.03

164

1934.55

2.0

+620 +481

33.1117

224 314
165 165

29.7

2137

2.03

164

1934.55

2.0

29.6205

33.1117

224 314
165 165

29.7

2137

2.03

164

1934.55

2.0

29.6205

33.1117

224 314
165 165

29.7

2137

2.03

164

1934.55

2.0

29.6205

33.1117

224 314
165 165

29.7

2137

2.03

164

1934.55

2.0

