

KG
11365
976

Miss Leland.
 Measurements of Light of Gros. (Charge to Ann. Fund 1902).

Compare each image of Gros with ^{the corresponding image of} four ^{or more} adjacent stars of nearly equal brightness, by Argelande's method. At least one star must be brighter, and one fainter, than Gros.

~~Transfer~~ ^{accept continuously} comparison stars in order in which they are used. Later transfer all to a single AC plate and measure brightness with scale.

E. C. C. C. C.

April 24, 1902.

1902phae. prof... 977L

ICG 11365, 976

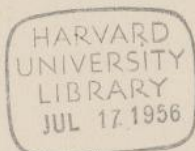


Table II
Proper Motion

Date +

Plate A 4760.

$3 = 11.7$ $9 = 10.8$ W.S. 3063

5291

	6	7	8	9	10	11
	6	7	8	9	10	11
	11.88	1	4	3	1	1
	12.06	1	4	3	1	1
a	11.71	3	2	5		-4

b

c

d

e

f

g

h

k

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Measures of Light of Eros.
 (See instructions on cover of book) Plate measured glass
 side up. No. in lower left hand corner. First image to right
 called a, second b etc.

June 24 1902

A 4764^v

12.0

Ea 2 1a 12.0

Eb 2 1b 12.0

Ea 3 2a 12.1

3a 3 Ea 12.0

4a 2 Ea 12.8

5a 1 Ea 11.7

Eb 3 2b 12.1

3b 2 Eb 11.9

4b 2 Eb 12.8

5b 2 Eb 11.8

Ec 2 1c 12.0

Ec 3 2c 12.1

3c 3 Ec 12.0

4c 2 Ec 12.8

5c 2 Ec 11.8

Ed 2 1d 12.0

Ed 3 2d 12.1

3d 3 Ed 12.0

4d 2 Ed 12.8

5d 2 Ed 11.8

Ee 3 1e 11.9

Ee 3 2e 12.1

3e 3 Ee 12.0

4e 2 Ee 12.8

5e 1 Ee 11.7

Ef 1 1f 12.1

Ef 3 2f 12.1

3f 4 Ef 12.1

Measures of Light of Eros. (cont.)

June 24, 1902

5

A 4764 (cont.)

4f 2 Ef	12.8
5f 3 Ef	11.9
Eg 3 1g	11.9
Eg 4 2g	12.0
3g 3 Eg	12.0
4g 2 Eg	12.8
5g 3 Eg	11.9
Eh 2 1h	12.0
Eh 3 2h	12.1
3h 4 Eh	12.1
4h 2 Eh	12.8
5h 2 Eh	11.8
Ek 3 1k	11.9
Ek 3 2k	12.1
3k 2 Ek	11.9
4k 0 Ek	12.6
5k 1 Ek	11.7
El 2 1l	12.0
El 3 2l	12.1
3l 2 El	11.9
4l 1 El	12.7
5l 2 El	11.8

Measures of Light of Eros.
Glass side up - no inflow of light from corner.
June 24, 1902

A 4760^v

Ea 2 6a 11.8

7a 3 Ea 12.3

8a 2 Ea 11.6

3 9a 1 Ea [10.9] 11.8

10a 2 Ea 11.8

Ea 2 11a 12.0

Eb 2 6b 11.8

7b 2 Eb 12.2

8b 2 Eb 11.6

3 9b 1 Eb [10.9] 11.8

10b 1 Eb 11.7

Eb 3 11b 11.9

Ec 2 6c 11.8

Ec 3 7c 11.7

8c 3 Ec 11.7

3 9c 2 Ec [11.0] 11.9

10c 3 Ec 11.9

Ec 2 11c 12.0

Ed 3 6d 11.7

7d 3 Ed 12.3

8d 2 Ed 11.6

3 9d 2 Ed [11.0] 11.9

10d 3 Ed 11.9

Ed 2 11d 12.0

Ee 2 6e 11.8

7e 3 Ee 12.3

8e 3 Ee 11.7

3 9e 2 Ee [11.0] 11.9

10e 3 Ee 11.9

Ee 2 11e 12.0

? Record wrong, should
be inverted.

Measures of Light of Eros.

June 24, 1902.

A 4760 (cont)

	Ef 2 bf	11.8	
	7f 3 Ef	12.3	
	8f 3 Ef	11.7	
3	9f 2 Ef	[11.0] 11.9	
	10f 3 Ef	11.9	
	Ef 2 11f	12.0	
	Eg 3 6g	11.7	
	7g 2 Eg	12.2	
	8g 2 Eg	11.6	
3	9g 2 Eg	[11.0] 11.9	
	10g 3 Eg	11.9	
	Eg 2 11g	12.0	
	El 3 6h	11.7	
	7h 2 El	12.2	
	8h 2 El	11.6	
3	9h 0 El	[10.8] 11.7	
	10h 2 El	11.8	
	El 3 11h	11.9	
	Ek 2 6k	11.8	
	7k 2 Ek	12.2	
	8k 3 Ek	11.7	
3	9k 2 Ek	[11.0] 11.9	
	10k 3 Ek	11.9	
	Ek 2 11k	12.0	

Measures of Light of Eros.
Glass side up. No. in lower left hand corner

June 26, 1902

A 4795¹

12a 2 Ea 11.5

Ea 2 13a 11.7

Ea 2 14a 12.2

15a 2 Ea 11.3

Ea 1 16a 11.8

12b 3 Eb 11.6

Eb 2 13b 11.7

Eb 3 14b 12.1

15b 2 Eb 11.3

Eb 2 16b 11.7

12c 3 Ec 11.6

Ec 2 13c 11.7

Ec 3 14c 12.1

15c 2 Ec 11.3

Ec 2 16c 11.7

12d 2 Ed 11.5

Ed 2 13d 11.7

Ed 2 14d 12.2

15d 2 Ed 11.3

Ed 3 16d 11.6

Measures of Light of Eros.
Glass side up. No. in lower left hand corner.

June 27 1902

A 4739[✓]

Ea 2 17a	12.0
18a 1 Ea	12.1
Ea 3 19a	12.2
20a 2 Ea	12.2
21a 3 Ea	12.1
Eb 2 17b	12.0
18b 2 Eb	12.2
Eb 3 19b	12.2
20b 3 Eb	12.3
21b 3 Eb	12.1
Ec 3 17c	11.9
18c 0 Ec	12.0
Ec 3 19c	12.2
20c 1 Ec	12.1
21c 3 Ec	12.1
Ed 1 17d	12.1
18d 2 Ed	12.2
Ed 2 19d	12.3
20d 2 Ed	12.2
21d 3 Ed	12.1
Ee 3 17e	11.9
18e 1 Ee	12.1
Ee 3 19e	12.2
20e 3 Ee	12.3
21e 3 Ee	12.1
Ef 2 17f	12.0
18f 0 Ef	12.0
Ef 3 19f	12.2

Measures of Light of Eros.

June 27, 1902

A 4739 (cont)

20f 2 Ef 12.2

21f 3 Ef 12.1

Eg 2 19g 12.0

18g 2 Eg 12.2

Eg 2 19g 12.3

20g 3 Eg 12.3

25g 3 Eg 12.1

Glass side up.
No in lower left
hand corner.

A 4729¹

Ea 2 22a

23a 1 Ea

24a 1 Ea

Ea 2 25a 12.1

Ea 2 25a 12.1

Eb 2 22b

23b 1 Eb

24b 0 Eb

Eb 0 25b 12.3

Eb 2 26b 12.1

Ec 2 22c

23c 2 Ec

24c 0 Ec

Ec 3 25c 12.0

Ec 3 26c 12.0

Ed 1 22d

23d 2 Ed

24d 1 Ed

Ed 2 25d 12.1

Ed 3 26d 12.0

Measures of Light of Exos.

June 27, 1902

A 4729 (cont)

Ee 1 22e

23e 0 Ee

24e 0 Ee

Ee 2 25e 12.1

Ee 2 26e 12.1

Ef 2 22f

23f 1 Ef

24f 1 Ef

Ef 2 25f 12.1

Ef 3 26f 12.0

A 48⁵²~~59~~

Ea 2 27a 10.4

28a 2 Ea 10.3

29a 3 Ea 10.3

Ea 2 30a 10.5

Ea 3 31a 10.8

Eb 2 27b 10.4

28b 2 Eb 10.3

29b 2 Eb 10.2

Eb 1 30b 10.6

Eb 2 31b 10.9

Ec 2 27c 10.4

28c 2 Ec 10.3

29c 2 Ec 10.2

Ec 2 30c 10.5

Ec 3 31c 10.8

Measures of Light of Eos.

June 27, 1902

⁵²
A 4839 (cont)

Ed 3 27d	10.3
28 d 1 Ed	10.2
29 d 2 Ed	10.2
Ed 1 30d	10.6
Ed 3 31d	10.8
Ee 2 27e	10.4
28 e 1 Ee	10.2
29 e 2 Ee	10.2
Ed 2 30e	10.5
Ed 2 31e	10.9

Glass side up -
No. in lower left hand
corner.

A 4741^v

32 a 3 Ea	12.1
33 a 2 Ea	12.2
Ea 1 34a	12.1
Ea 2 35a	12.2
36 a 2 Ea	12.1
32 b 3 Eb	12.1
33 b 2 Eb	12.2
Et 2 34b	12.0
Et 2 35b	12.2
36 b 1 Eb	12.0
32 c 3 Ec	12.1
33 c 2 Ec	12.2
Ec 0 34c	12.2
Ec 2 35c	12.2
36 c 2 Ec	12.1

Measures of Light of Enos.

June 28 1902

A 4741 (cont)

32 d 3 Ed	12.1
33 d 2 Ed	12.2
Ed 1 34 d	12.1
Ed 2 35 d	12.2
36 d 2 Ed	12.1
32 e 3 Ed	12.1
33 e 2 Ed	12.2
Ee 2 34 e	12.0
Ee 2 35 e	12.2
36 e 2 Ee	12.1
32 f 2 Ef	12.0
33 f 2 Ef	12.2
Ef 2 34 f	12.0
Ef 1 35 f	12.3
36 f 2 Ef	12.1
32 g 2 Eg	12.0
33 o Eg	12.0
Eg 2 34 g	12.0
Eg 2 35 g	12.2
36 g o Eg	11.9

Glass side up
No. in lower left
hand corner.

A 4853¹

Ea o 37 a	10.1
Ea 2 38 a	10.4
39 a 2 Ea	10.3
40 a 2 Ea	10.2
Ea 2 41 a	10.5

Measure of Light of Eros.
June 28, 1902

A 4853 (cont)

El 0 37 b	10.1
El 2 38 b	10.4
39 b 1 El	10.2
40 b 2 El	10.2
El 1 41 b	10.6
Ec 0 37 c	10.1
Ec 3 38 c	10.3
39 c 2 Ec	10.3
40 c 2 Ec	10.2
Ec 2 41 c	10.5
Ed 0 37 d	10.1
Ed 3 38 d	10.3
39 d 2 Ed	10.3
40 d 1 Ed	10.1
Ed 1 41 d	10.6
37 e 1 Ee	10.2
Ee 2 38 e	10.4
39 e 2 Ee	10.3
40 e 2 Ee	10.2
Ee 2 41 e	10.5
Ef 0 37 f	10.1
Ef 3 38 f	10.3
39 f 2 Ef	10.3
40 f 1 Ef	10.1
Ef 2 41 f	10.5

Measures of Light of Eros.
June 28, 1962

A 4750

42a 1 Ea	12.1
Ea 1 43a	11.9
44a 3 Ea	12.1
Ea 3 45a	12.2
Ea 2 46a	11.8
42b 1 Eb	12.1
Eb 1 43b	11.9
44b 3 Eb	12.1
Eb 1 45b	12.4
Eb 2 46b	11.8
42c 2 Ec	12.2
Ec 2 43c	11.8
44c 3 Ec	12.1
Ec 3 45c	12.2
Ec 2 46c	11.8
42d 1 Ed	12.1
Ed 2 43d	11.8
44d 3 Ed	12.1
Ed 2 45d	12.3
Ed 2 46d	11.8
Ee 1 42e	11.9
Ee 2 43e	11.8
44e 4 Ee	12.2
Ee 2 45e	12.3
Ee 2 46e	11.8
42f 3 Ef	12.3
Ef 0 43f	12.0
44f 4 Ef	12.2
Ef 2 45f	12.3
Ef 2 46f	11.8

Measures of Light of Eros.

June 28, 1902

A 4750 (cont.)

42g 1 Eg	12.1
Eg 2 43g	11.8
44g 3 Eg	12.1
Eg 2 45g	12.3
Eg 2 46g	11.8
42h 1 Eh	12.1
Eh 1 43h	11.9
44h 3 Eh	12.1
Eh 2 45h	12.3
Eh 1 46h	11.9

Glass side up
No. in lower left
hand corner.

A 4734

Ea 1 47a	12.2
48a 1 Ea	11.3
Ea 3 49a	11.9
50a 1 Ea	11.7
Ea 2 51a	12.0
Eb 1 47b	12.2
48b 2 Eb	11.4
Eb 3 49b	11.9
50b 2 Eb	11.8
Eb 1 51b	12.1
Ec 3 47c	12.0
48c 2 Ec	11.4
Ec 4 49c	11.8
50c 1 Ec	11.7
Ec 3 51c	11.9

Measurements of Light of Enos.
June 28, 1902

A 4734 (cont)

Ed 1 47d	12.2
48d 2 Ed	11.4
Ed 3 49d	11.9
50d 1 Ed	11.7
Ed 1 51d	12.1
Ee 1 47e	12.2
48e 3 Ee	11.5
Ee 4 49e	11.8
50e 2 Ee	11.8
Ee 2 51e	12.0
Ef 2 47f	12.1
48f 1 Ef	11.3
Ef 3 49f	11.9
50f 1 Ef	11.7
Ef 2 51f	12.0
47g 3 Eg	~~12.6~~ 12.5
48g 3 Eg	11.5
Eg 2 49g	12.0
50g 3 Eg	11.9
51g 1 Eg	12.3
El 1 47h	12.2
48h 1 El	11.3
El 2 49h	12.0
El 1 50h	11.5
El 1 51h	12.1

Measurements of Light from *Phos*
Glass side up. No. in lower left hand corner.
July 15, 1902

A4817

52a 3 Ea	10.2
Ea 2 53a	10.5
Ea 2 54a	10.3
Ea 2 55a	10.8
56a 1 Ea	10.2
52b 2 Eb	10.1
Eb 1 53b	10.6
Eb 1 54b	10.4
Eb 2 55b	10.8
56b 1 Eb	10.2
52c 2 Ec	10.1
Ec 1 53c	10.6
Ec 2 54c	10.3
Ec 1 55c	10.9
56c 0 Ec	10.1
52d 3 Ed	10.2
Ed 2 53d	10.5
Ed 2 54d	10.3
Ed 2 55d	10.8
56d 2 Ed	10.3
52e 3 Ee	10.2
Ee 2 53e	10.5
Ee 1 54e	10.4
Ee 2 55e	10.8
56e 1 Ee	10.2
52f 3 Ef	10.2
Ef 2 53f	10.5
Ef 1 54f	10.4
Ef 2 55f	10.8
56f 1 Ef	10.2

Measures of Light of Eros.

July 15, 1902

A 4817 (cont)

52 g 3 Eg	10.2
Eg 2 53g	10.5
Eg 2 54g	10.3
Eg 2 55g	10.8
56g 1 Eg	10.2
56h 3 Eh	10.2
Eh 1 53h	10.6
Eh 1 54h	10.4
Eh 2 55h	10.8
56h 2 Eh	10.3

Glass side up
No. in lower left
hand corner

A 4833

57a 3 Ea	9.4
58a 1 Ea	10.2
Ea 3 59a	10.8
Ea 3 60a	10.4
61a 2 Ea	9.5
57b 3 Eb	9.4
58b 1 Eb	10.2
Eb 4 59b	10.7
Eb 4 60b	10.3
61b 1 Eb	9.4
57c 2 Ec	9.3
58c 0 Ec	10.1
Ec 4 59c	10.7
Ec 4 60c	10.3
61c 1 Ec	9.4

Measures of Light of Eros.

July 16 1902
~~August 2~~

A 4833 (cont)

57d 2 Ed	9.3
58d 1 Ed	10.2
Ed 5 59d	10.6
Ed 5 60d	10.2
61d 2 Ed	9.5
57e 3 Ee	9.4
58e 1 Ee	10.2
Ee 4 59e	10.7
Ee 5 60e	10.2
61e 2 Ee	9.5
57f 3 Ef	9.4
58f 2 Ef	10.3
Ef 4 59f	10.7
Ef 4 60f	10.3
61f 2 Ef	9.5
57g 3 Eg	9.4
58g 1 Eg	10.2
Eg 5 59g	10.6
Eg 5 60g	10.2
61g 2 Eg	9.5
57h 3 Eh	9.4
58h 1 Eh	10.2
Eh 4 59h	10.7
Eh 4 60h	10.3
61h 1 Eh	9.4
57k 3 Ek	9.4
58k 1 Ek	10.2
Ek 4 59k	10.7
Ek 4 60k	10.3
61k 2 Ek	9.5

Measures of Light of Eros. July 16, 1902

A 4833 (cont)

57 l 3 El 9.4

58 l 2 El 10.3

El 4 59 l 10.7

El 4 60 l 10.3

61 l 2 El 9.5

Glass side up
No. in lower left
hand corner.

* A 5096

62a 2 Ea

Ea 3 63a

Ea 2 64a

65a 1 Ea

66a 2 Ea

62 b 3 Eb

Eb 3 63b

Eb 3 64b

65b 1 Eb

66b 2 Eb

62c 3 Ec

Ec 3 63c

Ec 2 64c

65c 2 Ec

66c 2 Ec

62d 3 Ed

Ed 2 63d

Ed 2 64d

65d 0 Ed

66d 2 Ed

* The images of Eros on this plate are slightly elongated and difficult to compare with the other images.

Measures of Light of Eros. July 16, 1902

Glass side up.
7 in lower left-
hand corner.

A 4780

Ea 2 67a	11.9
68a 3 Ea	11.9
Ea 1 69a	11.7
70a 1 Ea	11.3
Ea 1 71a	11.6
Et 3 67b	11.8
68b 2 Et	11.8
Et 2 69b	11.6
Et 1 70b	11.1
Et 2 71b	11.5
Ec 2 67c	11.9
68c 3 Ec	11.9
Ec 3 69c	11.5
Ec 2 70c	11.0
Ec 2 71c	11.5
Ed 2 67d	11.9
68d 2 Ed	11.8
Ed 2 69d	11.6
Ed 1 70d	11.1
Ed 1 71d	11.6

Glass side up.
7 in lower left hand
corner.

A 4856

72a 1 Ea	10.2
Ea 1 73a	10.0
Ea 3 74a	10.0
Ea 2 75a	10.7
76a 3 Ea	10.1

Measures of Light of Eros. July 16, 1902

* A 4856 (cont)

72 b 1 Eb 10.2

Ec 0 73b 10.1

Ec 3 74b 10.0

Ec 2 75b 10.7

76b 3 Eb 10.1

72c 2 Ec 10.3

Ec 1 73c 10.0

Ec 3 74c 10.0

Ec 2 75c 10.7

76c 3 Ec 10.1

72d 1 Ed 10.2

Ed 1 73d 10.0

Ed 3 74d 10.0

Ed 2 75d 10.7

76d 3 Ed 10.1

72e 1 Ed 10.2

Ee 0 73d 10.1

Ee 0 74d 10.3

Ee 1 75e 10.8

76e 3 Ee 10.1

* The last two images of Eros "e" + "d" seem to have a different shape from the other three. Is it due to the superposition of another star?

Measures of Light of Eros.
 Glass side up. No. in boxes left hand corner.
 July 19 1902
Langhorne

A 4874

77a 3 Ea	10.1
Ea 1 78a	10.2
79a 1 Ea	9.9
Ea 1 80a	10.3
Ea 3 81a	10.6
77b 3 Eb	10.1
Eb 1 78b	10.2
79b 2 Eb	10.0
Eb 0 80b	10.4
Eb 4 81b	10.5
77c 3 Ec	10.1
Ec 1 78c	10.2
79c 2 Ec	10.0
Ec 1 80c	10.3
Ec 3 81c	10.6
77d 3 Ed	10.1
Ed 2 78d	10.1
79d 2 Ed	10.0
Ed 0 80d	10.4
Ed 4 81d	10.5
77e 4 Ed	10.2
Ev 2 78v	10.1
79v 1 Ev	9.9
Ev 1 80v	10.3
Ev 4 81v	10.5
77f 3 Ef	10.1
Ef 1 78f	10.2
79f 0 Ef	9.8
Ef 1 80f	10.3
Ef 4 81f	10.5

Measures of Light of Enos.
July 19, 1902

A 4874 (cont)

77g 4 Eg	10.2
Eg 1 78g	10.2
79g 2 Eg	10.0
Eg 2 80g	10.2
Eg 4 81g	10.5
77h 4 Eh	10.2
Eh 2 78h	10.1
79h 2 Eh	10.0
Eh 0 80h	10.4
Eh 4 81h	10.5
77k 4 Ek	10.2
Ek 2 78k	10.1
79k 1 Ek	9.9
Ek 0 80k	10.4
Ek 5 81k	10.4

Glass side up.
10 in lower left
hand corner.

A 4954

82a 3 Ea	10.6
Ea 2 83a	10.9
84a 2 Ea	10.8
Ea 1 85a	11.7
Ea 2 86a	11.3
82b 2 Eb	10.5
Et 2 83b	10.9
84b 2 Et	10.8
Et 1 85b	11.7
Et 2 86b	11.3

Measures of Light of Eos. July 19, 1902

A 4954 (cont)

82c 3 Ec	10.6
Ec 2 83c	10.9
84c 3 Ec	10.9
Ec 1 85c	11.7
Ec 2 86c	11.3
82d 2 Ed	10.5
Ed 3 83d	10.8
84d 2 Ed	10.8
Ed 2 85d	11.6
Ed 2 86d	11.3
82e 2 Ee	10.5
Ee 3 83e	10.8
84e 2 Ee	10.8
Ee 3 85e	11.5
Ee 2 86e	11.3
82f 2 Ef	10.5
Ef 3 83f	10.8
84f 2 Ef	10.8
Ef 2 85f	11.6
Ef 3 86f	11.2

Class side up.
No in lower left
hand corner.

A 4830

87a 3 Ea	9.8
Ea 1 88a	10.3
89a 1 Ea	10.4
Ea 1 90a	10.3
91a 2 Ea	10.1

Measures of Light of Eros.
 July ²¹~~19~~ 1902

A 4830 (cont)

87b3 Eb	9.8
Eb 2 88b	10.2
89b1 Eb	10.4
Eb 1 90b	10.3
91b2 Eb	10.1
87c3 Ec	9.8
Ec 2 88c	10.2
89c0 Ec	10.3
Ec 1 90c	10.3
91c1 Ec	10.0
87d3 Ed	9.8
Ed 2 88d	10.2
89d1 Ed	10.4
Ed 2 90d	10.2
91d1 Ed	10.0
87e3 Ed	9.8
Ee 2 88e	10.2
89e1 Ee	10.4
Ee 1 90e	10.3
91e1 Ee	10.0
87f4 Ef	9.9
Ef 1 88f	10.3
89f2 Ef	10.5
Ef 0 90f	10.4
91f2 Ef	10.1
87g4 Eg	9.9
Eg 1 88g	10.3
89g2 Eg	10.5
Eg 0 90g	10.3
91g2 Eg	10.1

Measures of Light of Eros.
July 27, 1902

A 4830 (cont.)

87h 4 Eh	9.9
Eh 1 88h	10.3
89h 1 Eh	10.4
Eh 0 90h	10.4
91h 2 Eh	10.1
87k 3 Ek	9.8
Ek 1 88k	10.3
89k 2 Ek	10.5
Ek 0 90k	10.4
91k 2 Ek	10.1
87l 3 El	9.8
El 1 88l	10.3
89l 2 El	10.5
El 1 90l	10.3
91l 2 El	10.1

Glass side up
No in lower left
hand corner.

A 4901

Ea 3 92a	10.4
Ea 2 93a	9.8
94a 3 Ea	10.2
Ea 4 95a	10.4
Ea 2 96a	10.8
Eb 3 92b	10.4
Eb 2 93b	9.8
94b 2 Eb	10.1
Eb 4 95b	10.4
Eb 3 96b	10.7

Measures of Light of Enos.

July 23, 1902

A 4901

Ec 292c 10.5

Ec 193c 9.9

94c 0 Ec 9.9

Ec 395c 10.5

Ec 396c 10.7

Ed 392d 10.4

Ed 193d 9.9

94d 1 Ed 10.0

Ed 395d 10.5

Ed 296d 10.8

Ee 292e 10.5

Ee 193e 9.9

94e 2 Ee 10.1

Ee 395e 10.5

Ee 396e 10.7

Ef 292f 10.5

Ef 193f 9.9

94f 2 Ef 10.1

Ef 395f 10.5

Ef 296f 10.8

Eg 292g 10.5

Eg 293g 9.8

94g 2 Eg 10.1

Eg 395g 10.5

Eg 296g 10.8

Eh 292h 10.5

Eh 293h 9.8

94h 2 Eh 10.1

Eh 495h 10.4

Eh 396h 10.7

Measures of Light of Ceres.
July 23, 1902

A 4901 (cont.)

Ek 3 92 k	10.4
Ek 2 93 k	9.8
94 k 2 Ek	10.1
Ek 3 95 k	10.5
Ek 2 96 k	10.8
El 2 92 l	10.5
El 2 93 l	9.8
94 l 3 El	10.2
El 3 95 l	10.5
El 3 96 l	10.7
Em 2 92 m	10.5
Em 1 93 m	9.9
94 m 2 Em	10.1
Em 3 95 m	10.5
Em 3 96 m	10.7
En 2 92 n	10.5
En 2 93 n	9.8
94 n 2 En	10.1
En 4 95 n	10.4
En 3 96 n	10.7

Measure of Light of Enos.
July 31, 1902

A 4876

97a 3 Ea	10.2
Ea 2 98a	9.8
Ea 1 99a	10.4
100a 1 Ea	9.8
101a 2 Ea	9.5
97b 3 Eb	10.2
Eb 2 98b	9.8
Eb 2 99b	10.3
100b 2 Eb	9.9
101b 2 Eb	9.5
97c 2 Ec	10.1
Ec 3 98c	9.7
Ec 3 99c	10.2
100c 2 Ec	9.9
101c 1 Ec	9.4
97d 3 Ed	10.2
Ed 2 98d	9.8
Ed 2 99d	10.3
100d 1 Ed	9.8
101d 2 Ed	9.5
97e 3 Ee	10.2
Ee 2 98e	9.8
Ee 2 99e	10.3
100e 2 Ee	9.9
101e 1 Ee	9.4
97f 3 Ef	10.2
Ef 2 98f	9.8
Ef 2 99f	10.3
100f 2 Ef	9.9
101f 2 Ef	9.5

Measures of Light of Eros.

July 31, 1902.

A 4876

97g 3 Eg	10.2
Eg 2 98g	9.8
Eg 2 99g	10.3
100g 2 Eg	9.9
101g 1 Eg	9.4
97h 3 Eh	10.2
Eh 2 98h	9.8
Eh 2 99h	10.3
100h 1 Eh	9.8
101h 2 Eh	9.5
97k 3 Ek	10.2
Ek 1 98k	9.9
Ek 2 99k	10.3
100k 1 Ek	9.8
101k 2 Ek	9.5
97l 3 El	10.2
El 1 98l	9.9
El 2 99l	10.3
100l 2 El	9.9
101l 2 El	9.5
97m 3 Em	10.2
Em 2 98m	9.8
Em 1 99m	10.4
100m 2 Em	9.9
101m 2 Em	9.5
97n 3 En	10.2
En 1 98n	9.9
En 1 99n	10.4
100n 2 En	9.9
101n 2 En	9.5

Measures of Light of Eos.
July 31, 1902

A 4876 (cont.)

97 53 Eo	10.2
Eo 2 980	9.8
Eo 2 995	10.3
100 52 Eo	9.9
101 52 Eo	9.5

Glass side up.
No. in lower left
hand corner.

A 4980

Ea 3 102a
Ea 2 103a
Ea 2 104a
105a 2 Ea
106a 1 Ea
Eb 3 102b
Eb 2 103b
Eb 2 104b
105b 2 Eb
106b 1 Eb
Ec 3 102c
Ec 2 103c
Ec 2 104c
105c 1 Ec
106c 1 Ec
Ed 3 102d
Ed 2 103d
Ed 2 104d
105d 2 Ed
106d 2 Ed

Measures of Light of Eros. August 1, 1902

A 4980 (cont.)

Ee 3 102 e

Ee 2 103 e

Ee 2 104 e

105 e 3 Ee

106 e 2 Ee

Ef 4 102 f

Ef 3 103 f

Ef 3 104 f

105 f 3 Ef

106 f 2 Ef

Eg 4 102 g

Eg 3 103 g

Eg 3 104 g

105 g 2 Eg

106 g 3 Eg

Eh 3 102 h

Eh 2 103 h

Eh 3 104 h

105 h 2 Eh

106 h 3 Eh

Ek 4 102 k

Ek 3 103 k

Ek 3 104 k

105 k 2 Ek

106 k 2 Ek

El 3 102 l

El 3 103 l

El 3 104 l

105 l 2 El

106 l 2 El

Measures of Light of Eros. August 1, 1902

Glass side up
No. in lower left
hand corner.

A 4968
107a 1 Ea
108a 2 Ea
Ea 2 109a
Ea 3 110a
111a 3 Ea
107b 0 Eb
108b 2 Eb
Eb 2 109b
Eb 3 110b
111b 3 Eb
107c 1 Ec
108c 2 Ec
Ec 3 109c
Ec 4 110c
111c 4 Ec
107d 0 Ed
108d 2 Ed
Ed 3 109d
Ed 4 110d
111d 3 Ed
107e 1 Ee
108e 2 Ee
Ee 3 109e
Ee 4 110e
111e 5 Ee
107f 1 Ef
108f 2 Ef
Ef 2 109f
Ef 4 110f
111f 4 Ef

Measures of Light of Eros. August 1, 1902

A 4968 (cont)

107g 1 Eg

108g 2 Eg

Eg 2 109g

Eg 3 110g

111g 4 Eg

107h 1 Eh

108h 2 Eh

Eh 3 109h

Eh 4 110h

111h 5 Eh

107k 1 Ek

108k 2 Ek

Ek 3 109k

Ek 4 110k

111k 4 Ek

107l 2 El

108l 3 El

El 2 109l

El 3 110l

111l 3 El

107m 1 Em

108m 2 Em

Em 2 109m

Em 3 110m

111m 3 Em

107n 1 En

108n 2 En

En 2 109n

En 3 110n

111n 3 En

Measurements of Light of Eros.

August 6, 1902

Glass side up
No in lower left
hand corner.

9
A 4804

Ea 1 112a	10.5
Ea 2 113a	11.0
114a 3 Ea	10.9
115a 2 Ea	10.8
Ea 3 116a	10.9
Eb 2 112b	10.4
Eb 2 113b	11.0
114b 3 Eb	10.9
115b 2 Eb	10.8
Eb 3 116b	10.9
Ec 1 112c	10.5
Ec 2 113c	11.0
114c 3 Ec	10.9
115c 2 Ec	10.8
Ec 3 116c	10.9
Ed 1 112d	10.5
Ed 2 113d	11.0
114d 3 Ed	10.9
115d 3 Ed	10.9
Ed 3 116d	10.9
Ee 1 112e	10.5
Ev 2 113e	11.0
114e 3 Ee	10.9
115e 3 Ee	10.9
Ee 4 116e	10.8
Ef 1 112f	10.5
Ef 2 113f	11.0
114f 3 Ef	10.9
115f 2 Ef	10.8
Ef 3 116f	10.9

Measures of Light of Eros.

August 6, 1902

⁹
A 4804 (cont.)

Eg 1 112g	10.5
Eg 2 113g	11.0
114g 3 Eg	10.9
115g 2 Eg	10.8
Eg 3 116g	10.9
Elh 1 112h	10.5
Elh 2 113h	11.0
114h 3 Elh	10.9
115h 3 Elh	10.9
Elh 3 116h	10.9
Ek 1 112k	10.5
Ek 3 113k	10.9
114k 3 Ek	10.9
115k 3 Ek	10.9
Ek 2 116k	11.0
El 0 112l	10.6
El 2 113l	11.0
114l 3 El	10.9
115l 3 El	10.9
El 2 116l	11.0
Em 0 112m	10.6
Em 1 113m	11.1
114m 3 Em	10.9
115m 3 Em	10.9
Em 2 116m	11.0

Measures of Light of Eros.

Aug 6, 1902

Class side up
No ins upper
right-hand corner

A 5005

117a 2 Ea

118a 2 Ea

119a 3 Ea

Ea 2 120a

Ea 1 121a

117b 1 Eb

118b 2 Eb

119b 3 Eb

Eb 2 120b

Eb 1 121b

117c 1 Ec

118c 0 Ec

119c 3 Ec

Ec 2 120c

Ec 2 121c

117d 1 Ed

118d 0 Ed

119d 3 Ed

Ed 3 120d

Ed 2 121d

117e 2 Ee

118e 0 Ee

119e 3 Ee

Ee 3 120e

Ee 2 121e

Measures of Light of Eros. August 7, 1902

base side up
in lower left
hand corner

A 5004

122 a 1 Ea

123 a 2 Ea

Ea 1 124a

Ea 1 125a

126 a 2 Ea

122 b 1 Eb

123 b 2 Eb

Eb 0 124b

Eb 1 125b

126 b 2 Eb

122 c 2 Ec

123 c 2 Ec

Ec 2 124c

Ec 1 125c

126 c 3 Ec

122 d 2 Ed

123 d 2 Ed

Ed 2 124d

Ed 1 125d

126 d 3 Ed

122 e 2 Ee

123 e 1 Ee

Ee 1 124e

Ee 1 125e

126 e 3 Ee

122 f 1 Ef

123 f 1 Ef

Ef 2 124f

Ef 1 125f

126 f 2 Ef

Measures of Light of Eos.

August 7, 1902

A 5004 (cont)

122g 1 Eg

123g 1 Eg

Eg 2 124g

Eg 1 125g

126g 2 Eg

A 4857

Ea 1 127a 10.0

128a 1 Ea 10.2

Ea 2 129a 10.1

Ea 3 130a 10.6

131a 3 Ea 10.1

Eb 2 127b 9.9

128b 1 Eb 10.2

Eb 3 129b 10.0

Et 2 130b 10.7

131b 3 Eb 10.1

Ec 1 127c 10.0

128c 0 Ec 10.1

Ec 2 129c 10.1

Ec 3 130c 10.6

131c 3 Ec 10.1

Ed 2 127d 9.9

Ed 0 128d 10.1

Ed 2 129d 10.1

Ed 3 130d 10.6

131d 2 Ed 10.0

Measures of Light of Eos. August 7, 1902

A 4857 (cont)

Ee 1 127e	10.0
128e 1 Ee	10.2
Ee 3 129e	10.0
Ee 2 130e	10.7
131e 3 Ee	10.1
Ef 1 127f	10.0
128f 1 Ef	10.2
Ef 3 129f	10.0
Ef 2 130f	10.7
131f 3 Ef	10.1

August 9, 1902

A 5012

Ea 2 132a
Ea 2 133a
134a 1 Ea
135a 1 Ea
Ea 1 136a
Et 1 132b
Et 2 133b
134b 2 Et
135b 2 Et
Et 1 136b
Ec 2 132c
Ec 2 133c
134c 1 Ec
135c 1 Ec
Ec 1 136c

Measures of Light of Eros.
August 9, 1902

45012 (cont)

Ed 2 132 d

Ed 2 133 d

134 d 3 Ed

135 d 2 Ed

Ed 2 136 d

Ee 1 132 e

Ee 2 133 e

134 e 1 Ee

135 e 2 Ee

Ee 0 136 e

Ef 1 132 f

Ef 1 133 f

134 f 2 Ef

135 f 2 Ef

Ef 0 136 f

Eg 1 132 g

Eg 1 133 g

134 g 2 Eg

135 g 1 Eg

Eg 0 136 g

Measure of light of Eros.
August 9, 1902

Place side up
in lower left
hand corner.

A 5003

137a 1 Ea

Ea 2 138a

Ea 1 139a

140a 1 Ea

141a 1 Ea

137b 2 Eb

Eb 1 138b

Eb 1 139b

140b 1 Eb

141b 1 Eb

137c 2 Ec

Ec 1 138c

Ec 1 139c

140c 2 Ec

141c 0 Ec

137d 2 Ed

Ed 1 138d

Ed 2 139d

140d 1 Ed

141d 0 Ed

137e 2 Ee

Ee 1 138e

Ee 1 139e

140e 1 Ee

141e 0 Ee

Measure of Light of Eros.

August 11, 1902

A 4824

142a 1 Ea	10.2
143a 1 Ea	10.4
144a 2 Ea	10.6
Ea 2 145a	10.2
Ea 2 146a	10.2
142b 2 Eb	10.3
143b 1 Eb	10.4
144b 2 Eb	10.6
Eb 1 145b	10.3
Eb 1 146b	10.3
142c 1 Ec	10.2
143c 2 Ec	10.5
144c 2 Ec	10.6
Ec 0 145c	10.4
Ec 1 146c	10.3
142d 1 Ed	10.2
143d 2 Ed	10.5
144d 1 Ed	10.5
Ed 1 145d	10.3
Ed 1 146d	10.3
142e 1 Ee	10.2
143e 1 Ee	10.4
144e 2 Ee	10.6
Ee 0 145e	10.4
Ee 1 146e	10.3
142f 3 Ef	10.4
143f 2 Ef	10.5
144f 2 Ef	10.6
Ef 1 145f	10.3
Ef 0 146f	10.4

Measure of Light of Eros.

August 11, 1902

a 4824 (cont)

142g 2 Eg	10.3
143g 2 Eg	10.5
144g 3. Eg	10.7
Eg 1 145g	10.3
Eg 1 146g	10.3
142h 3 Eh	10.4
143h 2 Eh	10.5
144h 2 Eh	10.6
Eh 0 145h	10.4
Eh 1 146h	10.3
142k 2 Ek	10.3
143k 2 Ek	10.5
144k 2 Ek	10.6
Ek 0 145k	10.4
Ek 0 146k	10.4
142l 2 El	10.3
143l 2 El	10.5
144l 2 El	10.6
El 1 145l	10.3
El 0 146l	10.4

Measure of Light of Eros

August 18, 1902

Glass sideways
Main lower
left hand corner

A 5011

Ea 1 147a

Ea 3 148a

149a 2 Ea

150a 3 Ea

Ea 1 151a

Eb 2 147b

Eb 3 148b

149b 2 Eb

150b 2 Eb

Eb 1 151b

Ec 2 147c

Ec 3 148c

149c 3 Ec

150c 2 Ec

Ec 0 151c

Ed 2 147d

Ed 3 148d

149d 3 Ed

150d 3 Ed

Ed 0 151d

Ev 3 147e

Ev 3 148e

149e 1 Ev

150e 2 Ev

Ev 2 151e

Ef 2 147f

Ef 3 148f

149f 3 Ef

150f 2 Ef

Ef 0 151f

Measures of Light of Eos.
August. 18, 1902

A 5011 (cont.)

Eg 1 147g
Eg 3 148g
149g 3 Eg
150g 3 Eg
Eg 1 151g
Eh 2 147h
Eh 3 148h
149h 3 Eh
150h 2 Eh
Eh 1 151h
Ek 2 147k
Ek 2 148k
149k 2 Ek
150k 3 Ek
Ek 1 151k
El 2 147l
El 3 148l
149l 1 El
150l 2 El
El 2 151l

A 4725

Ea 1 152a	12.0
153a 2 Ea	12.1
Ea 3 154a	
Ea 1 155a	12.0
156a 2 Ea	12.5

Measures of Light of Eros.

August 18, 1902

A 4725 (cont)

Et 2 152 b	11.9
153 b 2 Et	12.1
Et 3 154 b	
Et 2 155 b	11.9
156 b 2 Et	12.5
Ec 2 152 c	11.9
153 c 3 Ec	12.2
Ec 4 154 c	
Ec 3 155 c	11.8
156 c 3 Ec	12.6
Ed 2 152 d	11.9
153 d 3 Ed	12.2
Ed 3 154 d	
Ed 2 155 d	11.9
156 d 3 Ed	12.6
Ee 1 152 e	12.0
153 e 3 Ee	12.2
Ee 3 154 e	
Ee 2 155 e	11.9
156 e 3 Ee	12.6
Ef 0 152 f	12.1
153 f 3 Ef	12.2
Ef 3 154 f	
Ef 2 155 f	11.9
156 f 4 Ef	12.7

Measures of Light of Eros. August 18, 1902

Glass side up,
in lower left
hand corner.

A 4952

Ea 2 157a 10.1

158a 2 Ea 10.1

159a 2 Ea 10.3

Ea 1 160a 10.1

Ea 2 161a 10.1

Eb 1 157b 10.2

158b 3 Eb 10.2

159b 2 Eb 10.3

Eb 2 160b 10.0

Eb 2 161b 10.1

Ec 1 157c 10.2

158c 2 Ec 10.1

159c 3 Ec 10.4

Ec 1 160c 10.1

Ec 1 161c 10.2

Ed 2 157d 10.1

158d 2 Ed 10.1

159d 2 Ed 10.3

Ed 1 160d 10.1

Ed 2 161d 10.1

Ee 2 157e 10.1

158e 2 Ee 10.1

159e 2 Ee 10.3

Ee 1 160e 10.1

Ee 2 161e 10.1

Ef 1 157f 10.2

158f 2 Ef 10.1

159f 1 Ef 10.2

Ef 1 160f 10.1

Ef 2 161f 10.1
10.2

Measure of Light of Eos.
August 18, 1902

A 4952 (cont.)

Eg 2 157g	10.1
158g 3 Eg	10.2
159g 2 Eg	10.3
Eg 2 160g	10.0
Eg 3 161g	10.0
Elh 3 157h	10.0
158h 2 Elh	10.1
159h 2 Elh	10.3
Elh 2 160h	10.0
Elh 2 161h	10.1
Ek 2 157k	10.1
158k 2 Ek	10.1
159k 2 Ek	10.3
Ek 2 160k	10.0
Ek 3 161k	10.0
El 2 157l	10.1
158l 3 El	10.2
159l 3 El	10.4
El 2 160l	10.0
El 2 161l	10.1

Measures of Light of Eros.

August 19, 1902

A 4953

162a 3 Ea	9.8
Ea 1 163a	10.2
164a 3 Ea	10.0
Ea 1 165a	10.5
Ea 2 166a	10.6
162b 3 Eb	9.8
Eb 2 163b	10.1
164b 2 Eb	9.9
Eb 2 165b	10.4
Eb 2 166b	10.6
162c 3 Ec	9.8
Ec 2 163c	10.1
164c 3 Ec	10.0
Ec 2 165c	10.4
Ec 3 166c	10.5
162d 3 Ed	9.8
Ed 2 163d	10.1
164d 3 Ed	10.0
Ed 2 165d	10.4
Ed 3 166d	10.5

A 4880

Ea 1 167a	10.2
168a 1 Ea	10.4
169a 2 Ea	9.3
170a 1 Ea	10.1
Ea 2 171a	9.9

glass side up,
No in lower left
hand corner.

Measures of Light of Eros. August 19, 1902

A 4880

Ef 1 167b	10.2
168b 2 Ef	10.5
169b 3 Ef	9.4
170b 2 Ef	10.2
Ef 1 171b	10.0
Ec 1 167c	10.2
168c 1 Ec	10.4
169c 3 Ec	9.4
170c 1 Ec	10.1
Ec 0 171c	10.1
Ed 2 167d	10.1
168d 1 Ed	10.4
169d 3 Ed	9.4
170d 1 Ed	10.1
Ed 0 171d	10.1
Ec 1 167e	10.2
168e 2 Ec	10.5
169e 3 Ec	9.4
170e 2 Ec	10.2
Ec 1 171e	10.0
Ef 2 167f	10.1
168f 2 Ef	10.5
169f 3 Ef	9.4
170f 1 Ef	10.1
Ef 0 171f	10.1
Eg 1 167g	10.2
168g 1 Eg	10.4
169g 3 Eg	9.4
170g 2 Eg	10.2
Eg 1 171g	10.0

Measure of Light of Eros. August 19, 1902

A 4880 (cont)

Eh 2 167h	10.1
168h 1 Eh	10.4
169h 3 Eh	9.4
170h 1 Eh	10.1
Eh 1 171h	10.0
Ek 2 167k	10.1
168k 1 Ek	10.4
169k 3 Ek	9.4
170k 1 Ek	10.1
Ek 2 171k	9.9

Glass side up
No in lower left
hand corner.

A 4743

Ea 3 172a	
173a 2 Ea	12.2
Ea 2 174a	
175a 2 Ea	11.6
Ea 3 176a	12.0
Eb 3 172b	
173b 2 Eb	12.2
Eb 1 174b	
175b 2 Eb	11.6
Eb 3 176b	12.0
Ec 3 172c	
173c 2 Ec	12.2
Ec 2 174c	
175c 2 Ec	11.6
Ec 3 176c	12.0

Measures of Light of Enos. August 19, 1902

A 4743 (cont.)

Ed 2 172d

173d 3 Ed 12.3

Ed 1 174d

175d 3 Ed 11.7

Ed 2 176d 12.1

Ee 3 172e

173e 2 Ee 12.2

Ee 2 174e

175e 3 Ee 11.7

Ee 2 176e 12.1

Ef 3 172f

173f 2 Ef 12.2

Ef 2 174f

175f 3 Ef 11.7

Ef 2 176f 12.1

Eg 2 172g

173g 2 Eg 12.2

Eg 1 174g

175g 3 Eg 11.7

Eg 2 176g 12.1

glass side up.
in lower left
hand corner.

Measures of Light of Eros. January 3, 1903

A 5281

Ea 2 177b

Ea 3 178b

Ea 2 179b

180b 4 Ea

181b 5 Ea

Eb 5 177a

Eb 4 178a

Eb 3 179a

180a 2 Eb

181a 3 Eb

A 5268

Ea 3 182b

183b 4 Ea

Ea 2 184b

185b 3 Ea

186b 4 Ea

Eb 4 182a

183a 3 Eb

Eb 2 184a

185a 2 Eb

186a 3 Eb

Measure of Light of Eros.
Jan. 5, 1903

57

A 5266

Ea 5 187b

188b 4 Ea

189b 2 Ea

Ea 3 190b

191b 3 Ea

Eb 4 187a

188a 2 Eb

189a 1 Eb

Eb 2 190a

191a 2 Eb

A 5267

192b 5 Ea

Ea 3 193b

194b 5 Ea

195b 2 Ea

Ea 2 196b

192a 5 Eb

Eb 3 193a

194a 4 Eb

195a 1 Eb

Eb 3 196a

Measures of Light of Eros.
Jan. 6, 1903

A 5243

197 b 3 Ea

Ea 4 198 b

Ea 1 199 b

Ea 1 200 b

201 b 2 Ea

197 a 2 Eb

Eb 3 198 a

Eb 1 199 a

Eb 2 200 a

201 a 3 Eb

A 5516

Ea 0 202 b

203 a 2 Eb

204 a 1 Eb

Eb 2 205 a

206 a 2 Eb

Eb 1 202 a

203 b 3 Ea

204 b 2 Ea

Ea 1 205 b

206 b 2 Ea

Measures of Light of Eros.

January 7, 1903

59

A 5435

Ea 1 207b

208b 2 Ea

209b 2 Ea

Ea 2 210b

Ea 1 211b

Eb 1 207a

208^a 2 Eb

209a 1 Eb

Eb 1 210a

Eb 1 211a

A 4727

212a 2 Ea

Ea 2 213a

214a 3 Ea

Ea 2 215a

Ea 3 216a

212b 1 Eb

Eb 2 213b

214b 2 Eb

Eb 2 215b

Eb 2 216b

212c 0 Ec

Ec 2 213c

214c 3 Ec

Ec 2 215c

Ec 3 216c

Measure of Light of Enos.

Jan. 7, 1903

A 4727 (cont.)

212 d 1 Ed

Ed 4 213 d

214 d 2 Ed

Ed 5 215 d

Ed 3 216 d

212 e 0 Ed

Ed 5 213 e

214 e 2 Ed

Ed 4 215 e

Ed 5 216 e

212 f 1 Ef

Ef 5 213 f

214 f 3 Ef

Ef 3 215 f

Ef 5 216 f

A 5107

217 a 2 Ea

Ea 2 218 a

219 a 3 Ea

220 a 2 Ea

Ea 2 221 a

217 b 2 Eb

Et 2 218 b

219 b 3 Et

220 b 1 Et

Et 2 221 b

Measures of Light of Eros. Jan 8, 1903

A 5107 (cont)

217c 1 Ec

Ec 3 218c

219c 2 Ec

220c 1 Ec

Ec 3 221c

217d 2 Ed

Ed 1 218d

219d 4 Ed

220d 3 Ed

Ed 2 221d

217e 3 Ee

Ee 2 218e

219e 3 Ee

220e 3 Ee

Ee 2 221e

217f 2 Ef

Ef 2 218f

219f 3 Ef

220f 3 Ef

Ef 3 221f

217g 2 Eg

Eg 2 218g

219g 4 Eg

220g 2 Eg

Eg 3 221g

217h 2 Eh

Eh 2 218h

219h 4 Eh

220h 3 Eh

Eh 3 221h

Measures of Light of Eos. Jan 10, 1903

A 5107 (cont.)

217 k 2 Ek

Ek 2 218 k

219 k 3 Ek

220 k 3 Ek

Ek 4 221 k

217 l 3 El

El 2 218 l

219 l 4 El

220 l 3 El

El 2 221 l

217 m 3 Em

Em 2 218 m

219 m 3 Em

220 m 2 Em

Em 3 221 m

The images of Eos on A 5107 are of a different shape from those of the comparison stars. and ^{it is} difficult to estimate intervals.

Measures of Light of Eros.

63

Jan. 13, 1903

A 5060

222 a 2 Ea

223 a 2 Ea

Ea 1 224a

Ea 2 225a

Ea 2 226a

222 b 3 Eb

223 b 1 Eb

Eb 1 224b

Eb 2 225b

Eb 1 226b

222 c 3 Ec

223 c 2 Ec

Ec 0 224c

Ec 1 225c

Ec 0 226c

222 d 3 Ed

223 d 2 Ed

Ed 1 224d

Ed 0 225d

226 d 1 Ed

222 e 3 Ee

223 e 3 Ee

Ee 1 224e

Ee 2 225e

Ee 1 226e

222 f 3 Ef

223 f 2 Ef

Ef 1 224f

Ef 3 225f

Ef 1 226f

Measures of Light of Eros.

Jan. 14, 1903

A 4955

Ea 3 227a 11.5

228a 3 Ea 10.3

Ea 3 229a 11.2

230a 4 Ea 10.9

231a 3 Ea 10.8

Eb 3 227b 11.5

228b 2 Eb 10.2

Eb 3 229b 11.2

230b 2 Eb 10.7

231b 2 Eb 10.7

Ec 5 227c 11.3

228c 2 Ec 10.2

Ec 5 229c 11.0

230c 2 Ec 10.7

231c 2 Ec 10.7

Ed 3 227d 11.5

228d 3 Ed 10.3

Ed 3 229d 11.2

230d 2 Ed 10.7

231d 2 Ed 10.7

Ee 3 227e 11.5

228e 3 Ee 10.3

Ee 2 229e 11.3

230e 2 Ee 10.7

231e 2 Ee 10.7

Ef 4 227f 11.4

228f 3 Ef 10.3

Ef 3 229f 11.2

230f 3 Ef 10.8

231f 2 Ef 10.7

Measures of Light of Eros.

65

Jan. 14, 1903

A 4955 (cont)

Eg 4 227g	11.4
228g 3 Eg	10.3
Eg 3 229g	11.2
230g 4 Eg	10.9
231g 3 Eg	10.8

A 4755

232a 4 Ea	12.2
233a 3 Ea	12.3
Ea 1 234a	12.4
Ea 1 235a	11.9
Ea 2 236a	11.8
232b 5 Eb	12.3
233b 3 Eb	12.3
Eb 2 234b	12.3
Eb 1 235b	11.9
Eb 2 236b	11.8
232c 4 Ec	12.2
233c 3 Ec	12.3
Ec 2 234c	12.3
Ec 1 235c	11.9
Ec 3 236c	11.7
232d 3 Ed	12.1
233d 3 Ed	12.3
Ed 1 234d	12.4
Ed 0 235d	12.0
Ed 2 236d	11.8
232e 4 Ee	12.2

Measures of Light of Eros.

Feb 10, 1903

A4755 (cont.)

233e 3 Ee	12.3
Ee 0 234e	12.5
Ee 1 235e	11.9
Ee 2 236e	11.8
232f 3 Ef	12.1
233f 3 Ef	12.3
Ef 2 234f	12.3
Ef 1 235f	11.9
Ef 2 236f	11.8
232g 4 Eg	12.2
233g 4 Eg	12.4
Eg 0 234g	12.5
Eg 1 235g	11.9
Eg 1 236g	11.9
232h 4 Eh	12.2
233h 3 Eh	12.3
Eh 1 234h	12.4
Eh 2 235h	11.8
Eh 1 236h	11.9

A4981

237a 1 Ea	
Ea 1 238a	
Ea 2 239a	
240a 3 Ea	
241a 3 Ea	
237b 1 Eb	
Eb 1 238b	

Measures of Light of Eros.

67

Feb. 10, 1903

A 4981

Eb 2 239b

²⁴⁰
~~Eb~~ 3 ^E240b

241b 3 Eb

237c 1 Ec

Ec 1 238c

Ec 2 239c

240c 4 Ec

241c 3 Ec

Ed 1 237d

Ed 2 238d

Ed 3 239d

240d 4 Ed

241d 2 Ed

237e 1 Ee

Ee 2 238e

Ee 2 239e

240e 4 Ee

241e 2 Ee

237f 1 Ef

Ef 2 238f

Ef 3 239f

240f 3 Ef

241f 3 Ef

Measures of Light of Eros.

Feb. 10, 1903

A4965

242a 3 Ea

243a 1 Ea

Ea 1 244a

Ea 3 245a

Ea 2 246a

242b 3 Eb

243b 1 Eb

Eb 1 244b

Eb 3 245b

Eb 3 246b

242c 2 Ec

Ec 1 243c

Ec 2 244c

Ec 3 245c

Ec 3 246c

242d 3 Ed

243d 0 Ed

Ed 3 244d

Ed 4 245d

Ed 5 246d

242e 2 Ee

Ee 1 243e

Ee 2 244e

Ee 3 245e

Ee 1 246e

242f 4 Ef

Ef 1 243f

Ef 3 244f

Ef 4 245f

Ef 4 246f

Measures of Light of Enos.
Feb. 10, 1903

69

A4965 (cont)

242g 3 Eg

243g 1 Eg

Eg 2 244g

Eg 2 245g

Eg 0 246g

242h 3 Eh

243h 1 Eh

Eh 4 244h

Eh 2 245h

Eh 3 246h

242k 3 Ek

243k 0 Ek

Ek 0 244k

Ek 2 245k

Ek 2 246k

242l 4 El

243l 2 El

244l 1 El

El 1 245l

El 2 246l

Measure of Light of Eros.

Feb. 10, 1903

A 5240

247 a 2 E b
 E^a 3 248^b
 Ea 5 249 b
 250 a 1 E b
 Ea 5 251 b
 247 b 3 Ea
 E b 3 248 a
 E b 5 249 a
 250 b 2 Ea
 E b 3 251 a

A 4964

Ea 4 252 a
 253 a 2 Ea
 Ea 3 254 a
 Ea 5 255 a
 256 a 2 Ea
 E b 4 252 b
 253 b 1 E b
 E b 3 254 b
 E b 5 255 b?
 256 b 1 E b
 Ec 3 252 c
 253 c 3 Ec
 254 c 2 Ec
 Ec 3 255 c
 256 c 5 Ec
 Ed 2 252 d

Measure of Light of Eros.
Feb 20, 1903

71

A 4964 (cont.)

253 d 3 Ed

Ed 3 254 d

Ed 5 255 d

256 d 2 Ed

Ee 6 252 e

253 e 4 Ee

Ee 3 254 e

Ee 7 255 e

256 e 3 Ee

Ef 5 252 f

253 f 3 Ef

Ef 2 254 f

Ef 7 255 f

256 f 2 Ef

Eg 5 252 g

253 g 3 Eg

Eg 4 254 g

Eg 5 255 g

256 g 3 Eg

EH 5 252 h

253 h 4 EH

EH 3 254 h

EH 6 255 h

256 h 2 EH

Ek 6 252 k

253 k 3 Ek

Ek 5 254 k

Ek 7 255 k

256 k 2 Ek

Measures of light of Eros.

Dec 2, 1903

A 4964 (cont)

El 4 252l

253 l 3 El

El 3 254l

El 9 255l

256 l 1 El

Em 2 252m

253 m 3 Em

Em 2 254m

Em 6 255m

256 m 3 Em

A 4951

257a 3 Ea 10.3

258a 1 Ea 10.4

259a 4 Ea 10.3

Ea 5 260a 10.2

Ea 4 261a 10.8

257b 3 Eb 10.3

258b 1 Eb 10.4

259b 5 Eb 10.4

Eb 5 260b 10.2

Eb 6 261b 10.6

257c 2 Ec 10.2

258c 1 Ec 10.4

259c 4 Ec 10.3

Ec 5 260c 10.2

Ec 6 261c 10.6

257d 3 Ed 10.3

258d 1 Ed 10.4

Measures of Light of Eros.

Dec. 3, 1903

73

A 4951 (cont.)

259 d 5 Ed	10.4
Ed 7 260 d	10.0
Ed 6 261 d	10.6
257 e 5 Ee	10.5
258 e 0 Ee	10.3
259 e 5 Ee	10.4
Ee 6 260 e	10.1
Ee 7 261 e	10.5
257 f 3 Ef	10.3
258 f 0 Ef	10.3
259 f 5 Ef	10.4
Ef 6 260 f	10.1
Ef 6 261 f	10.6
257 g 3 Eg	10.3
258 g 0 Eg	10.3
259 g 5 Eg	10.4
Eg 7 260 g	10.0
Eg 6 261 g	10.6
257 h 3 Eh	10.3
258 h 0 Eh	10.3
259 h 4 Eh	10.3
Eh 7 260 h	10.0
Eh 6 261 h	10.6
257 k 4 Ek	10.4
258 k 1 Ek	10.4
259 k 4 Ek	10.3
Ek 7 260 k	10.0
Ek 7 261 k	10.5

Measures of Light of Eros. Dec 3, 1903

A 4951 (cont)

257 l 4 El 10.4

258 l 1 El 10.4

259 l 3 El 10.2

El 7 260 l 10.0

El 6 261 l 10.6

A 5504

262 a 2 Ea

Ea 1 263 a

264 a 1 Ea

Ea 2 265 a

266 a 3 Ea

262 b 2 Eb

El 2 263 b

264 b 0 Eb

El 2 265 b

266 b 3 Eb

262 c 3 Ec

Ec 2 263 c

264 c 1 Ec

Ec 2 265 c

266 c 3 Ec

Measures of Light of Enos.

75

Dec. 14/1903

A 4884

267a 5 Ea	10.0
Ea 3 268a	10.6
269a 3 Ea	10.5
270a 4 Ea	10.1
Ea 1 271a	10.0
267b 3 Eb	10.4
Eb 1 268b	9.8
269b 2 Eb	10.8
270b 3 Eb	10.4
Eb 1 271b	10.0
267c 4 Ec	10.4
Ec 3 268c	9.9
269c 2 Ec	10.6
270c 6 Ec	10.4
Ec 3 271c	10.3
267d 4 Ed	10.2
Ed 6 268d	9.9
269d 2 Ed	10.3
270d 7 Ed	10.4
Ed 3 271d	10.4
267e 4 Ee	10.2
Ee 7 268e	9.9
269e 2 Ee	10.2
270e 7 Ee	10.4
Ee 2 271e	10.4
267f 5 Ef	10.3
Ef 7 268f	10.0
269f 1 Ef	10.2
270f 8 Ef	10.3
Ef 3 271f	10.5
	10.2

Measure of Light of Eros.

Dec 14, 1903

014884 (cont)

267 g 7 Eg	10.2
Eg 6 266g	10.3
267 g 3 Eg	10.5
270 g 7 Eg	10.4
Eg 2 270g	10.3
267 k 4 Ek	9.9
Ek 6 268k	10.3
269 k 3 Ek	10.5
270 k 6 Ek	10.3
Ek 5 271k	10.0
267 l 5 El	10.0
El 8 268l	10.1
El 5 269l	9.7
270 l 5 El	10.2
El 7 271l	9.8
267 m 4 Em	9.9
Em 7 268m	10.2
Em 3 269m	9.9
270 m 5 Em	10.2
Em 7 271m	9.8
267 m 5 Em	10.0
Em 7 268m	10.2
269 m 3 Em	10.5
270 m 7 Em	10.4
Em 5 271m	10.0

Image between "g" & "k" defective - not measured

Measures of Light of Eros.

Dec. 16, 1903

77

A 5001

272a 3 Ea

273a 1 Ea

Ea 2 274a

275a 1 Ea

Ea 2 276a

272b 3 Eb

273b 2 Eb

274b 1 Eb

275b 2 Eb

Eb 0 276b

272c 3 Ec

273c 1 Ec

274c 1 Ec

275c 1 Ec

Ec 3 276c

272d 6 Ed

273d 3 Ed

274d 2 Ed

Ed 1 275d

Ed 3 276d

272e 8 Ee

273e 3 Ee

274e 2 Ee

Ee 1 275e

Ee 3 276e

272f 6 Ef

273f 3 Ef

274f 1 Ef

Ef 1 275f

Ef 3 276f

Measure of Light of Eros.

Dec. Sept 29, 1904.

Glass side
up. No. in lower
left hand corner.

A 4864		
277 a 3 Ea	10.1	
Ea 5 278 a	11.7	
279 a 2 Ea	10.3	
Ea 3 280 a	10.7	
Ea 3 281 a	10.8	
277 b 4 Eb	10.2	
Eb 4 278 b	11.8	
279 b 3 Eb	10.4	
Eb 2 280 b	10.8	
Eb 4 281 b	10.7	
277 c 3 Ec	10.1	
Ea 5 278 c	11.7	
279 c 2 Ec	10.3	
Ec 3 280 c	10.7	
Ec 3 281 c	10.8	
277 d 4 Ed	10.2	
Ed 5 278 d	11.7	
279 d 2 Ed	10.3	
Ed 2 280 d	10.8	
Ed 3 281 d	10.8	
277 e 4 Ee	10.2	
Ee 5 278 e	11.7	
279 e 3 Ee	10.4	
Ee 3 280 e	10.7	
Ee 4 281 e	10.7	
277 f 4 Ef	10.2	
Ef 6 278 f	11.6	
279 f 2 Ef	10.3	
Ef 3 280 f	10.7	
Ef 3 281 f	10.8	

Measures of Light of Eros. Sept 29, 1904.

A 4864 (cont)

277 g 4 Eg	10.2
Eg 4 278g	11.8
279 g 5 Eg	10.6
Eg 3 280g	10.7
Eg 4 281g	10.7
277 h 5 Eh	10.3
Eh 6 278h	11.6
279 h 3 Eh	10.4
Eh 3 280h	10.7
Eh 4 281h	10.7
277 k 4 Ek	10.2
Ek 6 278k	11.6
279 k 3 Ek	10.4
Ek 3 280k	10.7
Ek 3 281k	10.8
277 l 5 El	10.3
El 6 278l	11.6
279 l 3 El	10.4
El 3 280l	10.7
El 4 280l	10.6 ~~10.7~~

Measures of Light of Enos.

Sept 30, 1904

lens side up
in lower left
hand corner.

A 4870		
Ea 3 282 a	10.1	
Ea 4 283 a	10.7	
284 a 2 Ea	10.3	
285 a 0 Ea		
Ea 2 286 a	10.1	
Et 2 282 b	10.2	
Et 3 283 b	10.8	
284 b 1 Et	~~10.2~~ 10.3	
285 b 0 Et		
Et 1 286 b	10.2	
Ec 3 282 c	10.1	
Ec 4 283 c	10.7	
284 c 1 Ec	10.2	
Ec 1 285 c		
Ec 2 286 c	10.1	
Ed 3 282 d	10.1	
Ed 5 283 d	10.6	
284 d 1 Ed	10.2	
Ed 2 285 d		
Ed 2 286 d	10.1	
Ee 3 282 e	10.1	
Ee 4 283 e	10.7	
~~284~~ Ee 1 Ee	10.2	
285 e 0 Ee ?		
Ee 2 286 e	10.1	
Ef 5 282 f	9.9	
Ef 5 283 f	10.6	
284 f 1 Ef	10.2	
Ef 1 285 f		
Ef 2 286 f	10.1	

6th image of
282 (f) defective.

Measures of Light of Eros.
Sept 30, 1904

81

A 4870 (cont)

Eg 5 282g 9.9

Eg 6 283g 10.5

284g 1 Eg 10.2

Eg 1 285g

Eg 2 286g 10.1

Eh 4 282h 10.0

There is a star superposed on Eros. on A 4870 making some of the images appear double. Measures difficult - unsatisfactory, and have not been made for all.

Measurements of Light of Eros.

Sept 30, 1904

Pass side
No in upper
right hand
corner.

C 12943	
287a 2 Ea	} Reject?
Ea 7 288a	
289a 1 Ea	
Ea 4 290a	
Ea 5 291a	
287b 3 Eb	10.1
Eb 9 288b	11.3
289b 2 Eb	10.3
Eb 3 290b	10.7
Eb 3 291b	10.8
287c 3 Ec	10.1
Ec 9 288c	11.3
289c 2 Ec	10.3
Ec 3 290c	10.7
Ec 4 291c	10.7
287d 2 Ed	10.0
Ed 10 288d	11.2
289d 2 Ed	10.3
Ed 4 290d	10.6
Ed 4 291d	10.7
287e 3 Ee	10.1
Ee 9 288e	11.3
289e 2 Ee	10.3
Ee 3 290e	10.7
Ee 3 291e	10.8
287f 3 Ef	10.1
Ef 9 288f	11.3
289f 2 Ef	10.3
Ef 3 290f	10.7
Ef 4 291f	10.7

Measures of light of Enos. Oct 1, 1904

C 12943 (cont)

287 g 2 Eg	10.0
Eg 9 288g	11.3
289 g 1 Eg	10.2
Eg 4 290g	10.6
Eg 5 291g	10.6
287 h 2 Eh	10.0
Eh 8 288h	11.4
289 h 1 Eh	10.2
Eh 4 290h	10.6
Eh 5 291h	10.6
287 k 3 Ek	10.1
Ek 10 288k	11.2
289 k 2 Ek	10.3
Ek 3 290k	10.7
Ek 5 291k	10.6
287 l 2 El	10.0
El 9 288l	11.3
289 l 1 El	10.2
El 5 290l	10.5
El 5 291l	10.6
287 m 3 Em	10.1
Em 9 288m	11.3
289 m 2 Em	10.3
Em 4 290m	10.6
Em 5 291m	10.6
287 n 3 En	10.1
~~288~~ 10 288n	11.2
289 n 1 En	10.2
En 3 290n	10.7
En 3 291n	10.8

Measure of light of Eros.

Oct 1, 1904

C 12943 (cont)		
2870 2 Eo		10.0
Eo 10 2880		11.2
2890 2 Eo		10.3
Eo 5 2900		10.5
Eo 5 2910		10.6
2870 2 E _{pr}		10.0
E _{pr} 10 2880		11.2
2890 2 E _{pr}		10.3
E _{pr} 4 2900		10.6
E _{pr} 5 2910		10.6

Measures of light of Eros.

Oct 5, 1904

Glass side
up. No in
upper left hand
corner. Right =

C12948	
Ea 3 292a	}
Ea 4 293a	
Ea ? 294a	
295a 3 Ea	
296a 2 Ea	
Et 2 292b	10.2
Et 3 293b	10.4
Et 3 294b	10.2
295b 2 Et	10.1
296b 5 Et	10.2
Ec 2 292c	10.2
Ec 3 293c	10.4
Ec 3 294c	10.2
295c 3 Ec	10.2
296c 2 Ec	10.3
Ed 3 292d	10.1
Ed 2 293d	10.5
Ed 3 294d	10.2
295d 3 Ed	10.2
296d 2 Ed	10.3
Ee 2 292e	10.2
Ee 2 293e	10.5
Ee 3 294e	10.2
295e 3 Ee	10.2
296e 2 Ee	10.3
Ef 2 292f	10.2
Ef 2 293f	10.5
Ef 3 294f	10.2
295f 3 Ef	10.2

Measures of light of Eros.

Oct 5, 1904

* C 12948 (cont)

Eg 1 292g	10.3
Eg 2 293g	10.5
Eg 4 294g	10.1
295g 3 Eg	10.2
296g 1 Eg	10.2
Eh 1 292h	10.3
Eh 2 293h	10.5
Eh 3 294h	10.2
295h 3 Eh	10.2
296h 1 Eh	10.2
Ek 1 292k	10.3
Ek 2 293k	10.5
Ek 3 294k	10.2
295k 3 Ek	10.2
296k 1 Ek	10.2
El 1 292l	10.3
El 2 293l	10.5
El 3 294l	10.2
295l 3 El	10.2
296l 1 El	10.2
Em 1 292m	10.3
Em 2 293m	10.5
Em 3 294m	10.2
295m 4 Em	10.3
296m 1 Em	10.2

* The images of Eros on this plate are of different shape from stars with which it is compared? Or is it another star superposed?

Measures of light of Eros.

Oct 5, 1904

Glass side
up. No in
upper right hand
corner.

612949

297a ? Ea n.s.*

Eb 1 297b	12.1
298b 3 Eb	11.3
299b 4 Eb	11.3
Ec 1 300b	12.2
Ec 2 297c	12.0
298c 4 Ec	11.4
299c 5 Ec	11.4
Ec 1 300c	12.2
Ed 2 297d	12.0
298d 3 Ed	11.3
299d 4 Ed	11.3
Ed 5 300d	11.8
Ee 1 297e	12.1
298e 2 Ee	11.2
299e 4 Ee	11.3
Ee 1 300e	12.2
Ef 2 297f	12.0
298f 3 Ef	11.3
299f 4 Ef	11.3
Ef 0 300f	12.3
297g 4 Eg	12.6
298g 3 Eg	11.3
299g 5 Eg	11.4
300g 1 Eg	12.4

First-
image of Eros not seen.

Measures of light of Eros.

Oct 6, 1904

C 12949 (cont)

Eh 1 297 h 12.1

298 h 1 Eh 11.1

299 h 9 Eh 11.8

Eh 2 300 h 12.1

Ek 1 297 k 12.1

298 k 3 Ek 11.3

299 k 4 Ek 11.3

Ek 5 300 k 12.3

El 2 297 l 12.0

298 l 2 El 11.2

299 l 5 El 11.4

El 3 300 l 12.0

Em 1 297 m 12.1

298 m 2 Em 11.2

299 m 3 Em 11.2

Em ? 300 m

There seems to be a trace of the
last two images of Eros - but too faint to meas.

Measure of light of Eros.

Oct 7, 1904

Glass side
up No in upper
right-hand
corner.

C 12942

301 b 2 Eb 10.3

302 b 5 Eb 10.3

Eb 3 303 b 10.3

304 b 3 Eb 10.4

Eb 4 305 b 10.6

301 c 1 Ec 10.2

302 c 5 Ec 10.3

Ec 3 303 c 10.3

304 c 3 Ec 10.4

Ec 5 305 c 10.5

301 d 1 Ed 10.2

302 d 5 Ed 10.3

Ed 4 303 d 10.2

Ed 5 305 d 10.4

301 e 2 Ee 10.5

302 e 6 Ee 10.3

Ee 3 303 e 10.4

304 e 4 Ee 10.3

Ee 5 305 e 10.5

301 f 2 Ef 10.5

302 f 5 Ef 10.3

Ef 5 303 f 10.1

304 f 3 Ef 10.4

Ef 5 305 f 10.4

301 g 2 Eg 10.5

302 g 6 Eg 10.3

Eg 3 303 g 10.4

304 g 4 Hg 10.3

Eg 6 305 g 10.5

10.4

Measures of light of Eros. Oct 7, 1904

612942

301 h 2 Eh	10.3
302 h 4 Eh	10.2
Eh 3 303 h	10.3
304 h 5 Eh	10.6
Eh 6 305 h	10.4
301 k 2 Ek	10.3
302 k 5 Ek	10.3
Ek 4 303 k	10.2
304 k 3 Ek	10.4
Ek 6 305 k	10.4
301 l 1 El	10.2
302 l 4 El	10.2
El 4 303 l	10.2
304 l 4 El	10.5
El 6 305 l	10.4
301 m 1 Em	10.2
302 m 5 Em	10.3
Em 5 303 m	10.1
304 m 3 Em	10.4
Em 6 305 m	10.4

Measurements of Light of Eros.

Oct 7, 1904

Glass side
up. N. in upper
right-hand
corner

612955	
Ea 3 306a	10.4
Ea 1 307a	10.3
Ea 4 308a	9.0
309a 5 Ea	10.9
310a 1 Ea	10.0
Et 3 306b	10.4
Et 2 307b	10.2
Et 2 308b	9.2
309b 5 Et	10.9
310b 2 Et	10.1
Ec 3 306c	10.4
Ec 1 307c	10.3
Ec 3 308c	9.1
309c 5 Ec	10.9
310c 0 Ec	9.9
Ed 3 306d	10.4
Ed 2 307d	10.2
Ed 3 308d	9.1
309d 5 Ed	10.9
310d 2 Ed	10.1
Ee 4 306e	10.3
Ee 2 307e	10.2
Ee 3 308e	9.1
309e 6 Ee	11.0
310e 1 Ee	10.0
Ef 4 306f	10.3
Ef 2 307f	10.2
Ef 3 308f	9.1
309f 5 Ef	10.9
310f 0 Ef	9.9

Measurements of Light of Enos.

Oct 12, 1904

612955 (cont)

Eg 4 306g 10.3

Eg 3 307g 10.1

Eg 3 308g 9.1

309g 5 Eg 10.9

310g 1 Eg 10.0

El 4 306h 10.3

El 2 307h 10.2

El 3 308h 9.1

309h 4 El 10.8

310h 1 El 10.0

Ek 4 306k 10.3

Ek 3 307k 10.1

Ek 3 308k 9.1

309k 5 Ek 10.9

310k 1 Ek 10.0

El 5 306l 10.2

El 4 307l 10.0

El 3 308l 9.1

309l 6 El 11.0

310l 0 El 9.9

Em 5 306m 10.2

Em 3 307m 10.1

Em 4 308m 9.0

309m 5 Em 10.9

310m 0 Em 9.9

En 4 306n 10.3

En 3 307n 10.1

En 3 308n 9.1

309n 5 En 10.9

310n 1 En 10.0

Measures of light of Eros.

Oct 12, 1904

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b 12955 (cont.)

E_o 4 3060 10.3

E_o 3 3070 10.1

E_o 3 3080 9.1

3090 5 E_o 10.9

3100 1 E_o 10.0

E_{fu} 5 306fu 10.2

E_{fu} 2 307fu 10.2

E_{fu} 3 308fu 9.1

309fu 6 E_{fu} 11.0

310fu 1 E_{fu} 10.0

Glass side up
No in upper
right hand
corner.

I 26025

E_a 4 311a 10.6

312a 2 E_a 10.3

E_a 3 313a 10.3

314a 4 E_a 10.2

315a 1 E_a 10.2

E_b 3 311b 10.7

312b 1 E_b 10.2

E_b 2 313b 10.4

314b 3 E_b 10.1

315b 1 E_b 10.2

E_c 4 311c 10.6

312c 3 E_c 10.4

E_c 3 313c 10.3

314c 3 E_c 10.1

315c 1 E_c 10.2

Measures of light of Eros.

Oct 12, 1904

612954 (Broken)

316a 1 Ea	10.0
Ea ? 317a	
Ea 2 318a	10.1
319a 1 Ea	9.9
320a 1 Ea	9.8
316b 2 Eb	10.1
Eb 1 317b	
Eb 2 318b	10.1
319b 1 Eb	9.9
320b 2 Eb	9.9
316c 1 Ec	10.0
Ec 2 317c	
Ec 3 318c	10.0
319c 1 Ec	9.9
320c 2 Ec	9.9
316d 0 Ed	9.9
Ed 2 317d	
Ed 2 318d	10.1
319d 2 Ed	10.0
320d 3 Ed	10.0
316e 1 Ee	10.0
Ee 2 317e	
Ee 3 318e	10.0
319e 2 Ee	10.0
320e 2 Ee	9.9
316f 2 Ef	10.1
Ef 1 317f	
Ef 3 318f	10.0
319f 2 Ef	10.0
320f 3 Ef	10.0

Measures of Light of Eros, Oct 12, 1904

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1012954	
316 g 1 Eg	10.0
Eg 1 317 g	
Eg 3 318 g	10.0
319 g 1 Eg	9.9
320 g 3 Eg	10.0
316 h 2 Eh	10.1
Eh 1 317 h	
Eh 2 318 h	10.1
319 h 1 Eh	9.9
320 h 3 Eh	10.0
316 k 1 Ek	10.0
Ek 2 317 k	
Ek 2 318 k	10.1
319 k 2 Ek	10.0
320 k 2 Ek	9.9
316 l 1 El	10.0
El 2 317 l	
El 4 318 l	9.9
319 l 2 El	10.0
320 l 3 El	10.0
316 m 2 Em	10.1
Em 1 317 m	
Em 4 318 m	9.9
319 m 2 Em	10.0
320 m 3 Em	10.0
316 n 1 En	10.0
En 2 317 n	
En 4 318 n	9.9
319 n 3 En	10.1
320 n 3 En	10.0

Measures of light of Eros.

Oct. 13, 1905

612946

Ea 3 321a	10.4
322a 5 Ea	10.2
Ea 3 323a	10.5
324a 3 Ea	10.2
325a 3 Ea	10.4
Eb 2 321b	10.5
322b 5 Eb	10.2
Eb 3 323b	10.5
324b 3 Eb	10.2
325b 3 Eb	10.4
Ec 2 321c	10.5
322c 6 Ec	10.3
Ec 5 323c	10.3
324c 2 Ec	10.1
325c 3 Ec	10.4
Ed 3 321d	10.4
322d 5 Ed	10.2
Ed 4 323d	10.4
324d 4 Ed	10.3
325d 3 Ed	10.4
Ee 2 321e	10.5
322e 5 Ee	10.2
Ee 5 323e	10.3
324e 4 Ee	10.3
325e 3 Ee	10.4
Ef 2 321f	10.5
322f 6 Ef	10.3
~~324f 4 Ef~~	10.5
324f 4 Ef	10.3
325f 3 Ef	10.4

Measures of light of Eos. Oct 13, 1904

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612946 (cont)

Eg 2 321g	10.5
322g 6 Eg	10.3
Eg 5 323g	10.3
324g 4 Eg	10.3
325g 3 Eg	10.4
Elh 2 321h	10.5
322h 6 Elh	10.3
Elh 4 323h	10.4
324h 4 Elh	10.3
325h 4 Elh	10.5
Ek 1 321k	10.6
322k 5 Ek	10.2
Ek 5 323k	10.3
324k 3 Ek	10.2
325k 2 Ek	10.3
El 2 321l	10.5
322l 7 El	10.4
El 5 323l	10.3
324l 5 El	10.4
325l 4 El	10.5
Em 3 321m	10.4
322m 5 Em	10.2
Em 3 323m	10.5
324m 3 Em	10.2
325m 4 Em	10.5
En 2 321n	10.5
322n 7 En	10.4
En 3 323n	10.5
324n 4 En	10.3
325n 3 En	10.4

Measure of Light of Eos.

Oct 17, 1904

612946 (cont)

Er 3 321 o	10.4
322 o 7 Er	10.4
Er 4 323 o	10.4
324 o 4 Er	10.3
325 o 3 Er	10.4
Epr 2 321 pr	10.5
322 pr 7 Epr	10.4
Epr 3 323 pr	10.5
324 pr 5 Epr	10.4
325 pr 4 Epr	10.5
Eg 2 321 g	10.5
322 g 6 Eg	10.3
Eg 3 323 g	10.5
324 g 3 Eg	10.2
325 g 3 Eg	10.4
En 3 321 n	10.4
322 n 5 En	10.2
En 5 323 n	10.3
324 n 3 En	10.2
325 n 2 En	10.3
EN 2 321 N	10.5
322 N 7 EN	10.4
EN 3 323 N	10.5
324 N 4 EN	10.3
325 N 3 EN	10.4
Et 3 321 t	10.4
322 t 7 Et	10.4
Et 4 323 t	10.4
324 t 5 Et	10.4
325 t 4 Et	10.5

Measure of light of Eros.
Oct 17, 1904

99

612946 (cont)

En 3 321w	10.4
322w 6 En	10.3
En 5 323w	10.3
324w 4 En	10.3
325w 4 En	10.5
En 4 321w	10.3
322w 5 En	10.2
En 5 323w	10.3
324w 4 En	10.3
325w 3 En	10.4
Ex 5 321x	10.2
322x 8 Ex	10.5
Ex 5 323x	10.3
324x 5 Ex	10.4
325x 4 Ex	10.5
Ey 4 321y	10.3
322y 3 Ey	10.0
Ey 5 323y	10.3
324y 4 Ey	10.3
325y 3 Ey	10.4
Ez 5 321z	10.2
322z 8 Ez	10.5
Ez 4 323z	10.4
324z 5 Ez	10.4
325z 3 Ez	10.4
Ea' 3 321a'	10.4
322a' 6 Ea'	10.3
Ea' 4 323a'	10.4
324a' 5 Ea'	10.4
325a' 3 Ea'	10.4

Measure of light of Eros. Oct 18, 1904

612946 (cont.)

Et' 2 321 f'	10.5
322 f' 7 Et'	10.4
Et' 4 323 f'	10.4
324 f' 3 Et'	10.2
325 f' 2 Et'	10.3
Ec' 3 321 c'	10.4
322 c' 7 Ec'	10.4
Ec' 5 323 c'	10.3
324 c' 3 Ec'	10.2
325 c' 3 Ec'	10.4
Ed' 3 321 d'	10.4
322 d' 6 Ed'	10.3
Ed' 5 323 d'	10.3
324 d' 4 Ed'	10.3
325 d' 3 Ed'	10.4
Ee' 3 321 e'	10.4
322 e' 7 Ee'	10.4
Ee' 4 323 e'	10.4
324 e' 3 Ee'	10.2
325 e' 3 Ee'	10.4
Ef' 4 321 f'	10.3
322 f' 6 Ef'	10.3
Ef' 4 323 f'	10.4
324 f' 4 Ef'	10.3
325 f' 3 Ef'	10.4
Eg' 4 321 g'	10.3
322 g' 5 Eg'	10.2
Eg' 5 323 g'	10.3
324 g' 4 Eg'	10.3
325 g' 3 Eg'	10.4

Measurements of Light of Eros.
 Nov. 14, 1904
 Oct. 24, 1904

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C 12946 (cont.)

El' 4 321 h'	10.3
322 h' 5 El'	10.2
El' 5 323 h'	10.3
324 h' 4 El'	10.3
325 h' 3 El'	10.4
El' 5 321 k'	10.2
322 k' 7 El'	10.4
El' 6 323 k'	10.2
324 k' 4 El'	10.3
325 k' 3 El'	10.4
El' 4 321 l'	10.3
322 l' 7 El'	10.4
~~El'~~ 3 323 l'	10.5
324 l' 3 El'	10.2
325 l' 3 El'	10.4
El' 3 321 m'	10.4
322 m' 6 El'	10.3
El' 5 323 m'	10.3
324 m' 4 El'	10.3
325 m' 3 El'	10.4
El' 4 321 n'	10.3
322 n' 7 El'	10.4
El' 5 323 n'	10.3
324 n' 3 El'	10.2
325 n' 3 El'	10.4
El' 3 ~~321~~ 10'	10.4
322 0' 7 El'	10.4
El' 5 323 0'	10.3
324 0' 3 El'	10.2
325 0' 3 El'	10.4

Measure of light of Eros.

Nov 4, 1904

612946 contd

E p' 4 321 p'	10.3
322 p' 6 E p'	10.3
E p' 5 323 p'	10.3
324 p' 3 E p'	10.2
325 p' 3 E p'	10.4
E g' 3 321 g'	10.4
322 g' 7 E g'	10.4
E g' 4 323 g'	10.4
324 g' 5 E g'	10.4
325 g' 3 E g'	10.4
E n' 5 321 n'	10.2
322 n' 7 E n'	10.4
E n' 6 323 n'	10.2
324 n' 4 E n'	10.3
325 n' 3 E n'	10.4
E s' 4 321 s'	10.3
322 s' 7 E s'	10.4
E s' 5 323 s'	10.3
324 s' 3 E s'	10.2
325 s' 2 E s'	10.3
E t' 4 321 t'	10.3
322 t' 5 E t'	10.2
E t' 5 323 t'	10.3
324 t' 4 E t'	10.3
325 t' 3 E t'	10.4

Measures of light of Eos. Nov 4, 1904

Glass side
up, No pin
Lower left hand
corner

A4889

326 a 2 Ea	9.7
327 a 1 Ea	10.3
Ea 3 328a	10.3
329 a 0 Ea	10.2
330 a 1 Ea	10.4
326 b 2 Eb	9.7
327 b 1 Eb	10.3
Eb 2 328b	10.4
329 b 1 Eb	10.3
330 b 1 Eb	10.4
326 c 3 Ec	9.8
327 c 2 Ec	10.4
Ec 3 328c	10.3
329 c 0 Ec	10.2
330 c 2 Ec	10.5
326 d 2 Ed	9.7
327 d 1 Ed	10.3
Ed 3 328d	10.3
329 d 1 Ed	10.3
330 d 1 Ed	10.4
326 e 3 Ee	9.8
327 e 2 Ee	10.4
Ee 3 328e	10.3
329 e 1 Ee	10.3
330 e 2 Ee	10.5
326 f 3 Ef	9.8
327 f 1 Ef	10.3
Ef 2 328f	10.4
329 f 3 Ef	10.5
330 f 2 Ef	10.5

Measures of light of Eros. Nov 4, 1904

A 4889 (cont)

326 g 4 Eg	9.9
327 g 3 Eg	10.5
Eg 2 328 g	10.4
329 g 2 Eg	10.4
330 g 3 Eg	10.6
326 h 3 Eh	9.8
327 h 2 Eh	10.4
Eh 2 328 h	10.4
329 h 1 Eh	10.3
330 h 2 Eh	10.5
326 k 3 Ek	9.8
327 k 2 Ek	10.4
Ek 3 328 k	10.3
329 k 1 Ek	10.3
330 k 2 Ek	10.5

Measures of light of Eros.

Nov. 15, 1904

Glass side
up. No. in
lower left hand
corner.

A 4781

331a 3 Ea	11.9
Ea 4 332a	11.4
Ea 5 333a	11.5
Ea 1 334a	11.1
335a 2 Ea	11.0
331b 4 Eb	12.0
Eb 1 332b	11.7
Eb 3 333b	11.7
Eb 1 334b	11.1
335b 3 Eb	11.1

A 4839

Ea 1 336a	10.8
Ea 2 337a	10.3
338a 4 Ea	10.5
339a 1 Ea	10.8
Ea 3 340a	10.7
Eb 1 336b	10.8
Eb 2 337b	10.3
338b 3 Eb	10.4
339b 1 Eb	10.8
Eb 3 340b	10.7
Ec 0 336c	10.9
Ec 1 337c	10.4
338c 3 Ec	10.4
339c 1 Ec	10.8
Ec 4 340c	10.6
Ed 3 336d	10.6
Ed 2 337d	10.3

Measure of light of Eros.

Nov 22, 1904

A 4839 (cont)

338 d 3 Ed	10.4
339 d 1 Ed	10.8
Ed 5 340 d	10.5
Ee 1 336 e	10.8
Ee 0 337 e	10.5
338 e 4 Ee	10.5
339 e 3 Ee	11.0
Ee 3 340 e	10.7
Ef 1 336 f	10.8
Ef 1 337 f	10.4
338 f 3 Ef	10.4
339 f 3 Ef	11.0
Ef 5 340 f	10.5

A 4796 (imaginary)

E 3 341	11.6
342 4 E	11.7
343 2 E	11.3
E 4 344	11.5
E 1 345	11.9

Measures of light of Eos.
Nov 23, 1904

107

A 4960

346 a 1 Ea

Ea 2 347a

348 a 1 Ea

Ea 1 349a

350 a 4 Ea

346 b 1 Eb

Eb 1 347b

348 b 1 Eb

Eb 1 349b

350 b 4 Eb

346 c 0 Ec

Ec 3 347c

348 c 2 Ec

Ec 2 349c

350 c 4 Ec

346 d 1 Ed

Ed 3 347d

348 d 1 Ed

Ed 2 349d

350 d 4 Ed

346 e 1 Ee

Ee 2 347e

348 e 1 Ee

Ee 3 349e

350 e 4 Ee

346 f 1 Ef

Ef 2 347f

Ef 1 348f

Ef 3 349f

350 f 5 Ef

Measurements of light of Eros.

Apr 23, 1904

A 4960

346g 1 Eg

Eg 2 347g

348g 0 Eg

Eg 4 349g

350g 5 Eg

346h 1 Eh

Eh 3 347h

Eh 0 348h

Eh 3 349h

350h 4 Eh

346k 0 Ek

Ek 3 347k

Ek 1 348k

Ek 2 349k

350k 4 Ek

346l 1 El

El 2 347l

348l 1 El

El 2 349l

350l 5 El

346m 1 Em

~~Em~~ 4 347m

Em 1 348m

Em 3 349m

350m 4 Em

Measures of light of Eros.

Nov 25, 1904

Glass side up
No in lower
left hand corner

A 4799		
Ea 1 351a	11.3	
352a 2 Ea	11.7	
353a 2 Ea	11.9	
Ea 3 354a	11.1	
Ea 4 355a	11.5	
Eb 1 351b	11.3	
352b 2 Eb	11.7	
353b 1 Eb	11.8	
Eb 3 354b	11.1	
Eb 3 355b	11.6	
Ec 1 351c	11.3	
352c 2 Ec	11.7	
353c 0 Ec	11.7	
Ec 4 354c	11.0	
Ec 3 355c	11.6	

Estimates between comp stars
7, 8, + 9 on A 4760 (Eros)

June 20, 1905

A 4760 (7) 1185 (9)

AC 8773 (9) 7181 (7)

Identification of Comparison stars in measuring Light of Eros.

190

Mean Magn.	No.	D.M.C.A. Dec.	Magn.	ac	ac	ac	Differences	Corr.	Mean	Residue	Mean
-0.8				698	5773	5933		698 5773 5933	Mean		
12.2	A4764	1	—	Too ft.	12.8	13.2	12.7	.. -0.4	13.2	12.7	13.0 -0.2 0.3
12.4	"	2	—	Too ft.	13.1	13.5	13.0	.. -0.4	13.5	13.0	13.2 -0.3 0.2
11.3	"	3	—	10.3 22	12.5	13.0	12.5 +2.7	-0.5	12.5	12.5	12.5 00.00.00
12.6	"	4	—	10.5 29	13.5	F	.. +3.0	..	13.4	13.5	.. 13.4 00.01.00
11.6	"	5	—	10.0 23	12.5	13.1	12.6 +2.5	-0.6	12.2	12.5	12.6 12.4 02.01.02
12.0	A4760	6	—	10.5 23	12.7	13.3	12.8 +2.2	-0.6	12.8	12.7	12.8 12.8 00.01.00
12.0	" H	7	—	10.5 23	11.5	12.7	13.3 12.8 +2.2	-0.6	12.8	12.7	12.8 12.8 00.01.00
11.4	"	8	—	10.0 20	12.3	12.9	12.4 +2.3	-0.6	12.0	12.3	12.4 12.2 02.01.02
10.8	"	9	—	9.8 17	11.8	12.1	11.6 +2.0	-0.3	11.5	11.8	11.6 11.6 01.02.00
11.6	"	10	—	10.2 22	12.5	12.8	12.3 +2.3	-0.3	12.4	12.5	12.3 12.3 00.01.01
"	"	11	—	See No 1	See 1	No 1	..	..	..	..	..
11.3	A4795	12	—	10.0 20	12.2	12.7	12.2 +2.2	-0.5	12.0	12.2	12.2 12.1 01.01.01
11.9	"	13	—	10.4 23	12.7	13.3	12.8 +2.3	-0.6	12.7	12.7	12.8 12.7 00.00.01
12.4	"	14	—	10.5 27	13.3	F	van 428	..	13.2	13.3	.. 13.2 00.01.00
11.1	343 =	15	—	10.1 18	12.0	12.3	11.8 +1.9	-0.3	11.9	12.0	11.8 11.9 00.01.01
11.9	344 =	16	—	10.3 23	12.7	13.2	12.7 +2.4	-0.5	12.6	12.7	12.7 12.7 01.00.00
12.2	A4739	17	—	Too ft.	13.0	13.5	13.0	-0.5	..	13.0	13.0 -00.00
12.0	"	18	—	"	12.9	13.2	12.7	-0.3	..	12.9	12.7 12.8 -01.01
12.5	"	19	—	"	13.3	13.8	13.3	-0.5	..	13.3	13.3 -00.00
12.0	33 =	20	—	"	12.8	13.4	12.9	-0.6	..	12.8	12.9 12.8 -00.01
11.8	32 =	21	—	"	12.5	13.1	12.6	-0.6	..	12.5	12.6 12.6 -01.00
"	A4729	22	—	Too ft.	13.5	F	..	..	..	..	..
"	"	23	—	"	13.5	F	..	..	..	..	..
"	"	24	—	"	13.2	F	..	..	..	..	9.9
12.3	"	25	—	"	13.2	13.5	13.0	-0.3	..	13.2	13.0 13.1 -01.01
12.3	47 =	26	—	"	13.2	13.5	13.0	-0.3	..	13.2	13.0 13.1 -01.01
10.6	A4852	27	+53 509	2 11.7	+53 41.5	9.5	9.7	16	11.7	11.9	11.4 11.8 -0.4
10.1	"	28	+53 511	2 11.7	+53 46.8	9.2	9.7	13	10.9	11.4	10.9 +12

Same (cont)

S.C. "C" New Sc.

Reside	Mean Magn.	No	DM	RA	Dec.	Magn.	ac	ac	ac	Suff.	corr. magn.	mean. magn.	Reside
0.3	10.0	A4852	29	—	—	9.5	12	10.8	11.3	10.8+13	-05	10.7 10.8 10.8	10.8 01, 00, 00
0.02	10.7	"	30	—	—	9.9	16	11.5	11.9	11.4+16	-04	11.5 11.5 11.4	11.5 00, 00, 01
0.00	11.1	"	31	—	—	10.1	17	11.8	12.5	12.0+17	-07	11.8 11.8 12.0	11.9 01 01 01
1.0	—	A4741	32	—	—	See No 21	No 21	See No 21	—	—	—	—	—
1.02	—	"	33	—	—	See " 20	No 20	" " 20	—	—	—	—	—
1.00	12.2	"	34	—	—	Too ft. 23	12.7	13.9	13.4	—	-12	12.7 13.4	13.0 - 03, 04
1.00	12.4	"	35	—	—	" "	13.1	13.8	13.3	—	-07	13.1 13.3	13.2 - 01, 01
0.102	11.9	"	36	—	—	10.5	23	12.7	13.0	12.5+22	-03	12.8 12.7 12.5	12.7 01, 00, 02
2.00	10.1	A4853	37	+53 506	2 11.2 + 53 33.2	9.5	9.7	12	10.7	11.7 11.2+10	-10	10.9 10.7 11.2	10.9 00, 02, 03
0.1, 01	—	27 =	38	+53 509	2 11.7 + 53 41.5	9.5	See No 27	No 27	See No 27	—	—	—	—
—	—	28 =	39	+53 511	2 11.7 + 53 46.8	9.2	See No 28	No 28	" " 28	—	—	—	—
0.1, 01	—	29 =	40	—	—	See No 29	No 29	" " 29	—	—	—	—	—
0.0, 01	—	30 =	41	—	—	See No 30	No 30	" " 30	—	—	—	—	—
0.1	12.0	A4750	42	—	—	Too ft.	12.8	13.3	12.8	—	-06	12.7 12.8	12.8 - 01, 00
0.101	12.0	"	43	—	—	" "	12.8	13.4	12.9	—	-06	12.8 12.9	12.8 - 00, 01
0.00	11.8	"	44	—	—	10.5	28	12.5	13.0	12.5+20	-05	12.7 12.5 12.5	12.6 01, 01, 01
0.00	12.5	"	45	—	—	Too ft.	13.3	13.8	13.3	—	-05	13.3 13.3	13.3 - 00, 00
1.01	12.0	"	46	—	—	" "	12.9	13.2	12.7	—	-03	12.9 12.7	12.8 - 01, 01
0.00	—	A4734	47	—	—	" "	See No 26	See No 26	—	—	—	—	—
0.01	11.2	"	48	—	—	" "	11.8	12.8	12.3	—	-10	11.8 12.3	12.0 - 02, 03
1.00	12.2	"	49	—	—	" "	13.0	13.5	13.0	—	-05	13.0 13.0	13.0 - 00, 00
—	11.6	"	50	—	—	" "	12.9	12.9	12.4	—	-04	12.5 12.4	12.4 - 01, 00
—	—	17 =	51	—	—	" "	See No 17	No 17	—	—	—	—	—
9.9	—	A4817	52	—	—	9.5	12	10.7	11.2	10.7+12	-05	10.7 10.7 10.7	10.7 00, 00, 00
1.01	10.7	"	53	—	—	10.1	15	11.4	11.9	11.4+13	-05	11.6 11.4 11.4	11.5 01, 01, 01
0.1, 01	10.5	"	54	—	—	10.0	14	11.3	11.7	11.2+13	-04	11.4 11.3 11.2	11.3 01, 00, 01
1.00	11.0	"	55	—	—	10.1	17	11.7	12.3	11.8+16	-06	11.8 11.7 11.8	11.8 00, 01, 00
0.00	10.1	"	56	—	—	9.7	12	13.2	11.5	11.0+11	-07	10.9 10.8 11.0	10.9 00, 01, 01

Same (cont)

Scale in New Scale

meas magn.	No	D.M	R.A.	Dec.	Magn.	698	5773	5933	6469	corr. magn.	mean magn.	Resids.	meas			
9.1	A4833	57	+52° 59'	4 22.9	+52° 21.0	9.3	9.0	0.8	10.9	10.5	10.0	-05	9.8, 10.0, 10.0	9.9	01, 01, 01	11.3
10.1	"	58					9.8	12	10.8	11.3	+10	-05	11.0, 10.8, 10.8	10.9	01, 01, 01	11.5
11.1	"	59					10.1	17	11.8	12.6	+17	-08	11.8, 11.8, 12.1	11.9	01, 01, 02	9.5
10.7	"	60					10.0	16	11.5	12.0	+15	-05	11.6, 11.5, 11.5	11.5	01, 00, 00	10.4
9.3	"	61					9.3	08	10.0	10.6	+07	-06	10.1, 10.0, 10.1	10.1	00, 01, 00	10.3
+ 3.0	A5096	62														10.4
	"	63														9.9
	"	64														10.7
	"	65														10.0
	"	66														9.9
12.1	A4780	67				10.9	22	12.5	13.5	+16	-10	13.1, 12.5, 13.0	12.9	02, 04, 01	10.8	
11.6	"	68				10.5	20	12.2	13.0	+17	-08	12.5, 12.2, 12.5	12.4	01, 02, 01	11.0	
11.8	"	69				10.9	20	12.3	13.1	+14	-08	12.9, 12.3, 12.6	12.6	03, 03, 00	9.9	
11.2	"	70				10.2	17	11.7	12.9	+15	-12	11.9, 11.7, 12.4	12.0	01, 03, 04	10.0	
11.7	"	71				10.7	20	12.2	13.0	+15	-08	12.7, 12.2, 12.5	12.5	02, 03, 00	10.5	
10.1	A4856	72	+54° 45'	1 56.6	+54° 12.9	9.2	9.6	13	10.9	11.4	+13	-05	10.9, 10.9, 10.9	10.9	00, 00, 00	9.7
10.1	"	73					9.5	13	11.0	11.5	+15	-05	10.8, 11.0, 11.0	10.9	01, 01, 01	9.3
10.3	"	74					9.9	13	11.0	11.5	+11	-05	11.2, 11.0, 11.0	11.1	01, 01, 01	10.5
10.9	"	75	+54° 45'	1 53.4	+54° 3.9	9.5	10.0	17	11.8	12.2	+18	-04	11.7, 11.8, 11.7	11.7	00, 01, 00	10.2
9.8	"	76	+54° 44'	1 54.2	+54° 7.2	9.2	9.3	12	10.7	11.1	+14	-04	10.5, 10.7, 10.6	10.6	01, 01, 00	10.1
9.8	A4874	77	+53° 42'	1 48.7	+53° 53.9	8.9	9.5	11	10.5	11.3	+10	-08	10.6, 10.5, 10.8	10.6	00, 01, 02	10.0
10.3	"	78	+53° 42'	1 48.1	+53° 56.3	9.5	9.8	13	11.0	11.7	+12	-07	11.1, 11.0, 11.2	11.1	00, 01, 01	10.5
9.8	"	79	+53° 42'	1 47.3	+53° 51.3	9.5	9.6	11	10.6	11.0	+10	-04	10.7, 10.6, 10.5	10.6	01, 00, 01	10.1
10.4	"	80					9.8	14	11.2	11.7	+14	-05	11.2, 11.2, 11.2	11.2	00, 00, 00	10.1
10.9	"	81					10.0	17	11.7	12.1	+17	-04	11.7, 11.7, 11.6	11.7	00, 00, 01	10.1
10.3	A4954	82					9.8	14	10.7	11.5	+14	-03	11.2, 11.2, 11.0	11.1	01, 01, 00	10.1
11.1	"	83					10.1	17	11.8	12.5	+17	-07	11.8, 11.8, 12.0	11.9	01, 01, 01	10.1
10.6	"	84	+36° 44'	2 6.3	+36° 56.4	9.5	10.1	14	11.0	11.8	+12	-05	11.5, 11.3, 11.3	11.4	01, 01, 01	10.6

Same (cont)

New Sc
Scale "C" ac ac ac Diff

de.	Mean Magn.	No	D.M.R.A	Dec.	Magn.	698	5773	5933	Corr. Magn.	Mean Magn.	Reside.						
1	11.8	A4954	85	+37	509	2	61	+37	1.0	9.2	10.5	12.5	+20	-05	12.7, 12.5, 12.5	12.6	01, 01, 01
01	11.5	"	86	—	—	—	—	—	—	—	10.0	12.2	+25	-02	12.2, 12.5, 12.2	12.3	01, 02, 01
02	9.5	A4830	87	+52	599	2	24.8	+52	8.0	9.2	9.3	10.2	+09	-07	10.2, 10.2, 10.4	10.3	01, 01, 01
00	10.4	"	88	+52	600	2	25.2	+52	8.3	9.5	9.8	11.2	+14	-04	11.2, 11.2, 11.1	11.2	00, 00, 01
00	10.3	"	89	—	—	—	—	—	—	—	9.7	11.0	+13	-08	11.0, 11.0, 11.3	11.1	01, 01, 02
10.4	"	90	—	—	—	—	—	—	—	—	9.7	11.1	+14	-07	11.1, 11.1, 11.3	11.2	01, 01, 01
9.9	"	91	+52	598	2	24.6	+52	10.6	9.5	9.2	12	10.8	+16	-07	10.4, 10.8, 11.0	10.7	03, 01, 03
10.7	A4901	92	+51	326	1	23.8	+51	7.6	9.4	9.9	11.5	11.9	+16	-04	11.5, 11.5, 11.4	11.5	00, 00, 01
10.0	"	93	+51	328	1	24.8	+51	3.2	9.5	9.7	13	10.9	+12	-02	11.0, 10.9, 10.6	10.8	02, 01, 02
9.9	"	94	+50	302	1	24.4	+50	56.5	9.5	9.5	12	10.8	+13	-03	10.7, 10.8, 10.6	10.7	00, 01, 01
01	10.8	"	95	+50	306	1	26.3	+50	53.6	9.5	9.8	11.7	+19	-03	11.4, 11.7, 11.5	11.5	01, 02, 00
01	11.0	"	96	+50	305	1	25.6	+50	47.5	9.5	9.8	12.0	+22	-03	11.8, 12.0, 11.8	11.8	02, 01, 01
00	9.9	A4876	97	+53	404	1	42.7	+53	38.4	9.2	9.5	10.8	+12	-04	10.7, 10.8, 10.7	10.7	00, 01, 00
0.04	10.0	"	98	—	—	—	—	—	—	—	9.7	11.0	+11	-05	10.9, 10.8, 10.8	10.8	01, 00, 00
00	10.5	"	99	+53	403	1	42.4	+53	38.2	9.3	9.8	11.3	+15	-07	11.2, 11.3, 11.5	11.3	01, 00, 02
00	9.7	"	100	+53	400	1	41.5	+53	29.6	9.4	9.5	10.4	+10	-06	10.5, 10.4, 10.5	10.5	00, 01, 00
01	9.3	"	101	+53	399	1	41.5	+53	28.8	9.1	9.3	10.0	+10	-08	10.1, 10.0, 10.3	10.1	00, 01, 02
01	A4980	102	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
00	"	103	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
00	"	104	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
0.02	"	105	+25	592	3	34.0	+25	17.7	9.5	—	—	—	—	—	—	—	—
01	"	106	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
01	* A4968	107	+32	480	2	30.8	+32	59.1	9.4	10.2	—	—	—	—	—	—	—
00	* "	108	—	—	—	—	—	—	—	10.0	—	—	—	—	—	—	—
01	* "	109	—	—	—	—	—	—	—	10.5	—	—	—	—	—	—	—
00	* "	110	—	—	—	—	—	—	—	10.7	—	—	—	—	—	—	—
01	* "	111	+32	491	2	34.0	+32	41.4	9.3	10.5	—	—	—	—	—	—	—
01	10.6	A4809	112	+49	756	2	34.8	+49	54.3	9.4	10.0	11.4	+14	-04	11.5, 11.4, 11.3	11.4	01, 00, 01

Nos. 107, 108, 109, 110 & 111 are outside the loop and near edge of plate.

Same (cont.)

1902phae.

Old Sc "C"
New Sc

Mean Magn.	No	D.M.R.A.	Dec.	Magn.	ac	ac	ac	Diff	Mean Magn.	Mean Resid.	Mean	
					5773	5933	12.2		at 698 5773 5933			
11.2	A 4809	113	—	10.0	19	12.0	12.7	+20	-07	11.9, 12.0, 12.2	12.0, 01, 00, 02	
10.6	I 2335	114	+50° 62' 42" ^{h m}	35.8 + 50° 33' 9.5	9.7	16	11.5	11.4	+18	-04	11.3, 11.5, 11.4	11.4 01, 01, 00
10.6	"	115	+50° 61' 8" ^{h m}	34.6 + 50° 06' 9.5	9.9	16	11.5	11.3	+16	-03	11.4, 11.5, 11.3	11.4 01, 01, 01
11.2	"	116	—	10.0	18	12.9	12.8	+19	-09	11.8, 11.9, 12.3	12.0 02, 01, 03	
10.6	A 5005	117	—									
	I 2963	118	—									
	"	119	—									
	"	120	—									
10.6	A 5004	122	—									
	I 2983	123	—									
	"	124	—									
	"	125	—									
10.6	"	126	—									
73 =	A 4857	127	—									
72 =	"	128	+54° 45' 9" ^{h m}	56.6 + 54° 12' 9.2	"	72	11.0	11.4				
74 =	"	129	—		"	74	11.1	11.7				
75 =	"	130	+54° 45' 4" ^{h m}	53.4 + 54° 39' 9.5	"	75	11.8	12.3				
76 = 287 =	"	131	+54° 44' 9" ^{h m}	54.2 + 54° 72' 9.2	"	76	10.7	11.2				
10.6	A 5012	132	—									
	I 2824	133	—									
	"	134	—									
	"	135	—									
10.6	"	136	—									
10.6	A 5003	137	—									
	I 2936	138	—									
	"	139	—									
	"	140	—									

30 103

Same (cont)

		Scale		New Scale		Diff		Corr. Magn.		mean		Reside.
aid.		mean magn.		No		D.M. R.A. Dec.		Magn.		06698 5773 5933		
00.02		A 5003 141		—								
1.00	10.1	A 4824 142		—		9.6 13		10.5 11.0 +13		-06		10.9, 10.9, 11.0 10.9 00, 00, 01
1.01	"	89 143		—		9.8		See No 89 Dec 89				
01.03	10.4	90 144		—		9.7 14		10.7 11.2 +15		-05		11.1 11.2, 11.2 11.2 01, 00, 00
		88 145		—		9.9		See No 88 Dec 88				
		146		—		99		See No 90 Dec 90				
		A 5011 147		—								
		148		—								
		149		—								
		150		—								
		151		—								
12.1		A 4725 152		—		10.4 2.5		13.0 13.4 +26		-04		12.9, 13.0, 12.9 12.9 00, 01, 00
11.9		153		—		10.5 2.3		12.7 13.2 +22		-05		12.8, 12.7, 12.7 12.7 01, 00, 00
		154		—		Too ft.		13.5				
12.1		155		—		10.5 2.4		12.9 13.5 +24		-06		12.9, 12.9, 13.0 12.9 00, 00, 01
12.3		156		—		10.5 2.7		13.3 13.2 +28		+01		13.2, 13.3, 12.7 13.1 01, 02, 04
10.3		A 4952 157		+37° 493 2 1.7 +37° 8.7 9.5		9.7 1.3		11.0 11.8 +18		-08		11.0, 11.0, 11.3 11.1 01, 01, 02
9.9		158		+37° 494 2 1.9 +37° 17.2 9.1		9.5 1.1		10.5 11.4 +10		-09		10.6, 10.5, 10.9 10.7 01, 02, 02
10.1		159		+37° 496 2 2.4 +37° 23.9 9.2		9.6 1.2		10.7 11.6 +11		-09		10.8, 10.7, 11.1 10.9 01, 02, 02
10.2		160		+37° 499 2 2.6 +37° 20.1 9.4		9.8 1.2		10.8 11.7 +10		-09		11.0, 10.8, 11.2 11.0 00, 02, 02
10.3		161		—		9.8 1.3		10.9 11.7 +11		-08		11.1, 10.9, 11.2 11.1 00, 02, 01
9.5		A 4953 162		+36° 441 2 5.7 +36° 36.5 9.3		9.6 0.9		10.2 10.7 +06		-05		10.5, 10.2, 10.2 10.3 02, 01, 01
		163		—				See No 82		See No 82		
9.7		164		+36° 443 2 6.3 +36° 34.8 9.5		9.5 1.1		10.5 11.0 +05		-05		10.6, 10.5, 10.5 10.5 01, 00, 00
		165		+36° 444 2 6.3 +36° 56.4 9.5		See No 84		See No 84		See No 84		
10.8		166		+36° 448 2 7.6 +36° 36.5 9.5		10.4 1.5		11.4 11.9 +10		-05		11.9, 11.4, 11.4 11.6 03, 02, 02
10.3		A 4880 167		—		9.9 1.3		11.0 11.6 +11		-06		11.2, 11.0, 11.1 11.1 01, 01, 00
10.3		168		—		9.7 1.4		11.2 11.5 +15		-03		11.1, 11.2, 11.0 11.1 00, 01, 01
* Identification questioned! See note on cover of A 4824.												

* Identification questioned! See note on cover of A 4824.

Same (cont)

1902phae.ppt

Scale "C"
New Scale

mean magn.	No	D.M.R.A.	Dec.	Magn	ac	ac	ac	Diff	corr. Magn.	mean	Reside.
					698	5773	5933		at 698	5773	5933
9.1	A 4880	169	+53° 39.2'	139.8 +53° 26.6'	9.5	9.2	0.8	9.9 10.4 +0.7	-0.5	10.0	9.9 9.9 9.9 01.00.00
10.0	"	170	+53° 38.5'	138.2 +53° 29.2'	9.5	9.6	1.2	10.7 11.3 +1.1	-0.6	10.8	10.7 10.8 10.8 00.01.00
10.1	"	171	—	—	9.7	1.2	—	10.8 11.4 +1.1	-0.6	10.9	10.8 10.9 10.9 00.01.00
"	A 4743	172	—	—	Too ft.	13.0	F	13.3 F	—	—	—
12.0	"	173	—	—	10.7	2.3	Est	12.7 13.2 +2.0	-0.5	13.0	12.7 12.7 12.8 02.01.01
"	"	174	—	—	Too ft.	13.4	F	13.7 F	—	—	—
11.4	"	175	—	—	10.5	1.7	Est	11.7 13.2 +1.2	-1.5	12.2	11.7 12.7 12.2 00.05.05
12.3	"	176	—	—	10.9	2.5	Est	13.0 13.0	—	—	—
9.8	A 5281	177	—	—	10.9	1.0	Est	13.0 13.5 +2.1	-0.5	13.4	13.0 13.0 13.1 03.01.01
"	"	178	—	—	—	—	—	—	—	—	—
"	"	179	—	—	—	—	—	—	—	—	—
"	"	180	—	—	—	—	—	—	—	—	—
"	"	181	—	—	—	—	—	—	—	—	—
10.4	A 5268	182	—	—	—	—	—	—	—	—	—
"	"	183	—	—	—	—	—	—	—	—	—
"	"	184	—	—	—	—	—	—	—	—	—
"	"	185	—	—	—	—	—	—	—	—	—
"	"	186	—	—	—	—	—	—	—	—	—
10.4	A 5266	187	—	—	—	—	—	—	—	—	—
"	"	188	—	—	—	—	—	—	—	—	—
"	"	189	—	—	—	—	—	—	—	—	—
"	"	190	—	—	—	—	—	—	—	—	—
"	"	191	—	—	—	—	—	—	—	—	—
10.4	A 5267	192	—	—	—	—	—	—	—	—	—
"	"	193	—	—	—	—	—	—	—	—	—
"	"	194	—	—	—	—	—	—	—	—	—
"	"	195	—	—	—	—	—	—	—	—	—
"	"	196	—	—	—	—	—	—	—	—	—

Same (cont.)
 New Scale
 Scale "C"

No. D.M. R.A. Dec. Magn. 698 5773 5933

side

0.00

01.00

01.00

01.01

01.01

05.05

01.01

64-91
 A 5243 197 —
 " 198 —
 " 199 —
 " 200 —
 " 201 —

91-91
 A 5516 202 —
 " 203 —
 " 204 —
 " 205 —
 " 206 —

11-12
 A 5435 207 —
 " 208 —
 " 209 —
 " 210 —
 " 211 —

A 4727 212 —

" 213 —

" 214 —

" 215 —

" 216 —

Too ft. 13.3

Too ft. 13.5

10.5? 13.0 + 25 + 25

Too ft. 13.5

Too ft. 13.5

81-81
 A 5107 217 —
 " 218 —
 " 219 —
 " 220 —
 " 221 —

91-91
 A 5060 222 —
 " 223 —
 " 224 —

Mean Magn.	No	Dec.	Magn.	Scale	ac	ac	ac	Diff	corr. Magn.	Mean	Residual	Mean
				698	5773	5933			6698	5773	5933	
x	A5060	225	—									
5.	"	226	—									
11.8	A4955	227	—	10.0	2.3	12.7	13.2	+27	-05	12.3, 12.7, 12.7	12.6	03, 01, 01
10.0	"	228	+35 456 ^{h m} 2 11.5 + 35 52.3 9.5	9.7	1.3	11.0	10.8	+13	+02	11.0 11.0 10.3	10.8	02, 02, 05
11.5	"	229	—	10.1	2.0	12.2	12.5	+21	-08	12.1 12.2 12.5	12.3	02, 01, 02
10.5	"	230	+35 457 ^{h m} 2 11.9 + 35 53.5 9.5	9.9	1.4	11.2	11.8	+13	-06	11.3 11.2 11.3	11.3	00, 01, 00
10.5	"	231	+35 458 ^{h m} 2 12.3 + 35 53.0 9.5	9.9	1.4	11.2	11.9	+13	-07	11.3 11.2 11.4	11.3	00, 01, 01
	A4755	232	—	10.3		See No 44 No 44						
12.0	"	233	—	10.5	2.3	12.7	13.3	+22	-06	12.8 12.7 12.8	12.8	00, 01, 00
	"	45 = 234	—	10.7	Est	See No 45 No 45						
	"	46 = 235	—	10.7	Est	See No 46 No 46						
	"	6 = 236	—	10.8	Est	See No 6 No 6						
5.0 + 2.5	A4981	237	—									
	"	238	—									
	"	239	—									
	"	240	—									
	"	241	+25 594 ^{h m} 3 34.6 + 25 45.1 9.5									
	A4965	*242	—	10.7	Est							
	"	*243	—	10.8	Est.							
	"	*244	—	Too ft.								
	"	*245	—	Too ft.								
	"	*246	—	10.7	Est.							
10.8	A5240	247	—									
1.	"	248	—									
	"	249	—									
	"	250	—									
	"	251	—									
3.48	A4964	*252	+33 453 ^{h m} 2 23 48.6 + 33 48.9 9.3	10.2								
*Nos. 242, 243, 244, 245 + 246 outside the loop - a good deal distorted. The same is true of												

		Scale		True Scale		Diff		corr. magn.		mean magn.		Reside.	
		ac		ac		ac		ac		ac		ac	
No		D.M.		R.A.		Dec.		Magn		698		5773 5933	
A 4964		253+33		456		2 24 24.6+33		40895		9.6			
" *254		—				9.8		—		—			
" *255		—				9.7		—		—			
" *256+33		457		2 24 30.2+33		19.8 95		10.1					
10.0 A 4951		257+37		479		1 57 9.3+37		57.9 9.3		9.3 13		10.9 11.4 +16 -05	
10.3 "		258+38		409		1 57 56.9+38		10.1 9.4		9.7 14		11.1 11.7 +14 -06	
9.9 "		259+37		484		1 58 28.3+37		59.7 9.1		9.5 12		10.7 11.3 +12 -06	
10.7 "		260		—		9.8 16		10.5 11.5		12.2 +17 -07		11.4 11.5 11.7	
11.2 "		261+38		411		1 58 44.1+38		2.3 9.5		10.1 18		10.7 12.8 +18 -09	
A 5504		262											
" 263													
" 264													
" 265													
" 266													
9.5 A 4884		267+53		377		1 35-24.4+53		19.5 9.2 10		10.3 10.8 +11 -05		10.2 10.3 10.3 10.3	
10.9 "		268		—		9.8 17		11.8 12.2 +20 -04		11.5 11.8 11.7 11.7		02 01 00	
10.2 "		269+53		380		1 36 25.0+53		27.7 9.6 13		11.0 11.7 +14 -07		10.9 11.0 11.2 11.0	
9.7 "		270+53		383		1 37 2.8+53		17.5 9.2 9.3 11		10.5 11.0 +12 -05		10.4 10.5 10.5 10.5	
10.5 "		271		—		9.8 14		11.3 11.8 +15 -05		11.2 11.3 11.3 11.3		01 00 00	
A 5001		272+25		610		3 37 1.6+25		8.8 9.5					
" 273		—											
" 274		—											
" 275		—											
" 276		—											
9.8 A 4864		277+54		449		1 54 13.4+54		7.2 9.2		10.5 11.1 +10.6		10.5 10.6 10.6	
12.2 "		288		278+54		446		1 53 36.5+54		13.1 9.5		13.0 13.4 +12.9	
10.1 "		289		279+54		442		1 52 52.6+54		10.4 9.5		10.9 11.3 +12.8	
11.0 "		290		280+54		436		1 52 2.6+54		7.8 9.5		10.0 11.8 +12.8	

190. *met. magn.*

D.M. R.A. Dec. Magn. 698

ae ac Diff
5773 5933
Feb 22 '05

corr. Magn. mean Resid
 46698 5773 5933 magn.

[illegible]

		Scale "C"		New S. S.		New S. S.		Diff		corr. magn.		mean magn.		Resid.	
		No. D.M. R.A. Dec. Magn. 698		ae		ae		ae		ae		ae		ae	
104	612955	309	—	9.8	14	11.3	11.7	+15	-04	11.2	11.3	11.2	11.2	00.01.00	
99	"	310	+54 414 145 447 +54 7.09.5	9.3	12	10.7	11.5	+14	-08	10.5	10.7	11.0	10.7	02.00.03	
280 = 290 = 305 ✓															
260	25	311	+54 436 152 2.6 +54 7.8 9.5	Sw No 280		11.7	12.2								
289	304 = 279	312	+54 442 152 52.6 +54 10.4 9.5	Sw No 279		10.7	11.1								
106	"	313	—			11.5	11.9								
76 = 131 = 287 = 277 =															
"	302 =	314	+54 449 154 13.4 +54 7.2 9.2	Sw No 76		10.7	11.6								
301	"	315	+53 444 154 32.4 +53 57.4 9.4	Sw No 84		10.8	11.5								
99	612954	316	—	9.6	12	10.7	11.0	+11	-03	10.8	10.7	10.5	10.7	01.00.02	
285	"	317	+54 423 148 5.8 +54 11.1 9.5	Sw No 285		11.2	11.7								
78 = 286	"	318	+53 426 148 6.2 +53 56.3 9.5	Sw No 78		11.4	11.8								
77	"	319	+53 428 148 40.5 +53 53.9 8.9	Sw No 77		10.7	11.1								
322	"	320	+53 431 149 1.8 +53 50.2 9.4		11	10.6	10.9	+11	-03	10.6	10.6	10.4	10.5	01.01.01	
612946	321	—		See No 293		11.7	11.9								
320	"	322	+53 431 149 1.8 +53 50.2 9.4	" 320		10.5	10.9								
10.8	"	323	—	10.1	16	11.5	12.0	+14	-05	11.7	11.5	11.5	11.6	01.01.01	
295	"	324	—	See 295		10.7	11.3								
296	"	325	—	" 296		10.9	11.2								
9.5	4889	326	+52 405 132 25.6 +52 39.5 9.4	9.3	10	10.3	10.9	+10	-06	10.3	10.3	10.4	10.3	00.00.01	
10.2	"	327	+52 412 132 57.3 +52 46.0 9.2	9.8	13	11.0	11.8	+12	-05	11.1	11.0	11.0	11.0	01.00.00	
10.6	"	328	—	9.9	15	11.4	11.8	+15	-04	11.4	11.4	11.3	11.4	00.00.01	
10.2	"	329	+52 419 134 23.0 +52 50.2 9.5	9.8	13	10.9	11.5	+11	-06	11.1	10.9	11.0	11.0	01.01.00	
10.3	"	330	+52 422 134 37.3 +52 41.2 9.3	9.8	13	11.0	11.6	+12	-06	11.1	11.0	11.1	11.1	00.01.00	
68	"	331	—	See No 68		12.7	12.9								
69	"	332	—	See No 69		12.9	13.4								
12.0	"	333	—	12.2	24	12.8	13.4	+26	-06	12.6	12.8	12.9	12.8	02.00.01	
70	"	334	—	See No 70		12.8	13.4								
10.8	"	335	—	9.7	17	11.7	12.3	+20	-06	11.4	11.7	11.8	11.6	02.01.02	
10.9	"	336	—	10.0	17	11.8	12.0	+18	-02	11.7	11.8	11.5	11.7	00.01.02	

Mean Magn.	No.	D.M. R.A. Dec. Magn.	Scale	ac	New Scale	ac	ac	Diff	Corr. Magn.	Mean Read.
				698		5773	5933		11.3	11.3
10.5	337			9.8	15	11.4	11.8	+16	-04	11.3 11.4 11.3 00.01, 00
10.1	338			9.6	13	10.9	11.3	+13	-04	10.9 10.9 10.8 10.9 00.00, 01
10.7	339			9.8	17	11.7	11.8	+9	-01	11.5 11.7 11.3 11.5 00.02, 02
11.0	340			10.1	17	11.8	12.2	+17	-04	11.8 11.8 11.7 11.8 00.00, 01
11.9	341			10.3	24	12.8	13.2	+25	-04	12.7 12.8 12.7 12.7 00.01, 00
"	342			10.5	"	12.8	13.2	+25	-04	12.7 12.8 12.7 12.7 00.01, 00
"	343			10.7	"	15	15			" " " " " "
"	344			10.2	"	16	16			" " " " " "
12.0	345			10.5	23	12.7	13.3	+22	-06	12.8 12.7 12.8 12.8 00.01, 00
A4960	346			10.2						
"	347	+33° 45' 2" 23 21.5 + 33° 49' 9" 10.3								
"	348	+33° 45' 2" 23 48.6 + 33° 48' 9" 93								
"	349			10.3						
"	350			9.6						
11.4	351			10.1	20	12.2	12.3	+21	-06	12.1 12.2 12.3 12.2 01, 00
11.5	352			10.0	22	12.5	12.2	-25	-02	12.2 12.5 12.2 12.3 01, 02
11.7	353			10.0	23	12.7	12.5	-25	-02	12.3 12.7 12.5 12.5 02, 00
12.0	354			10.3	16	11.8	13.2	+15	-14	12.0 11.8 12.7 12.2 02, 04
11.4	355			10.3	24	12.8	13.2	+25	-04	12.7 12.8 12.7 12.7 00.01, 00
11.9	356									
	357									
	358									
	359									
	360									
	361									
	362									
	363									
	364									

Notes 346, 347, 348, 349 + 350 are outside the loop - distorted images (on 5773)

Revd.	No. D.M. R.A. Dec. Magn.
01,00	365
00,01	366
02,02	367
00,01	368
01,00	369
.. ..	370
.. ..	371
.. ..	372
0,01,00	373
	374
	375
	376
	377
	378
00,01	379
01,02,01	380
2,02,00	381
2,04,05	382
0,01,00	383
	384
	385
	386
	387
	388
	389
	390
	391
	392

No D.M. R.A. Dec. Magn.

No D.M. R.A. Dec. Magn.

No.

No.

1902phae.proj...977L