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EPHEMERIS OF COMET *b* 1916 (WOLF)

After having passed conjunction this comet will again be in favorable position for observation in December of this year. An ephemeris is therefore here given extending from 1916 Nov. 29.5 to 1917 March 5.5. The elements upon which this ephemeris is based are those published in *Bulletin No. 282*. Comparison of an observation by Barnard of July 5 (the last available) with these elements shows (O-C), $\Delta\alpha = +0^s.3$; $\Delta\delta = -1''$.

EPHEMERIS FOR GREENWICH MEAN MIDNIGHT

1916 Gr.M.T.	True α	True δ	log Δ	Br.
Nov. 29.5	15h 06m 47.9	$-5^\circ 07' 13''$	0.5862	2.96
Nov. 30.5	08 25.9	10 18		
Dec. 1.5	10 04.4	13 19	0.5829	3.04
2.5	11 43.3	16 16		
3.5	13 22.6	19 08	0.5794	3.13
4.5	15 02.4	21 56		
5.5	16 42.6	24 40	0.5760	3.22
6.5	18 23.2	27 20		
7.5	20 04.3	29 55	0.5724	3.32
8.5	21 45.8	32 25		
9.5	23 27.8	34 51	0.5687	3.42
10.5	25 10.2	37 11		
11.5	26 53.1	39 27	0.5650	3.52
12.5	28 36.4	41 38		
13.5	30 20.2	43 43	0.5612	3.63
14.5	32 04.4	45 43		
15.5	33 49.0	47 38	0.5574	3.74
16.5	35 34.1	49 27		
17.5	37 19.7	51 11	0.5534	3.86
18.5	39 05.7	52 49		
19.5	40 52.2	54 22	0.5494	3.98
20.5	42 39.1	55 49		
21.5	44 26.5	57 10	0.5453	4.11
22.5	46 14.3	58 25		
23.5	48 02.5	-5 59 33	0.5411	4.25
24.5	49 51.2	-6 00 35		
25.5	51 40.3	01 31	0.5369	4.39
26.5	53 29.9	02 21		
27.5	55 19.9	03 04	0.5326	4.54
28.5	57 10.3	03 40		
29.5	15 59 01.2	04 10	0.5282	4.70
30.5	16 00 52.5	04 33		
Dec. 31.5	16 02 44.3	-6 04 49	0.5237	4.86

1917 Gr.M.T.	True α	True δ	log Δ	Br.
Jan. 1.5	16h 04m 36.5	$-6^\circ 04' 58''$		
2.5	06 29.1	05 00	0.5192	5.03
3.5	08 22.2	04 55		
4.5	10 15.7	04 43	0.5146	5.20
5.5	12 09.7	04 23		
6.5	14 04.1	03 56	0.5099	5.39
7.5	15 58.9	03 21		
8.5	17 54.2	02 39	0.5052	5.58
9.5	19 49.9	01 49		
10.5	21 46.1	-6 00 51	0.5004	5.79
11.5	23 42.7	-5 59 45		
12.5	25 39.8	58 31	0.4955	6.00
13.5	27 37.3	57 09		
14.5	29 35.3	55 39	0.4906	6.23
15.5	31 33.7	54 00		
16.5	33 32.5	52 13	0.4856	6.46
17.5	35 31.8	50 17		
18.5	37 31.5	48 13	0.4806	6.71
19.5	39 31.6	46 00		
20.5	41 32.2	43 37	0.4754	6.96
21.5	43 33.2	41 06		
22.5	45 34.6	38 25	0.4702	7.23
23.5	47 36.4	35 36		
24.5	49 38.7	32 37	0.4650	7.51
25.5	51 41.4	29 29		
26.5	53 44.5	26 12	0.4597	7.81
27.5	55 48.0	22 45		
28.5	57 51.9	19 08	0.4543	8.12
29.5	59 56.2	15 22		
30.5	17 02 01.0	11 26	0.4489	8.44
Jan. 31.5	04 06.2	07 20		
Feb. 1.5	06 11.8	-5 03 04	0.4434	8.78
2.5	08 17.8	-4 58 38		
3.5	10 24.2	54 02	0.4379	9.14
4.5	12 31.0	49 16		
5.5	14 38.3	44 20	0.4323	9.51
6.5	16 46.0	39 13		
7.5	18 54.0	33 56	0.4267	9.90
8.5	21 02.4	28 28		
9.5	23 11.3	22 50	0.4210	10.31
10.5	25 20.6	17 01		
11.5	27 30.3	11 02	0.4153	10.73
12.5	29 40.4	-4 04 51		
13.5	31 50.9	-3 58 30	0.4096	11.18
14.5	34 01.8	51 57		
Feb. 15.5	17 36 13.1	-3 45 14	0.4038	11.65

1917 Gr.M.T.	True α			True δ			log Δ	Br.
Feb. 16.5	17 ^h	38 ^m	24 ^s .7	—3°	38'	20"		
17.5		40	36.7		31	14	0.3979	12.14
18.5		42	49.1		23	57		
19.5		45	01.9		16	29	0.3921	12.65
20.5		47	15.1		08	50		
21.5		49	28.6	—3	01	00	0.3862	13.19
22.5		51	42.5	—2	52	58		
23.5		53	56.7		44	45	0.3802	13.75
24.5		56	11.3		36	21		
25.5	17	58	26.3		27	45	0.3743	14.34
26.5	18	00	41.6		18	58		
27.5		02	57.3		09	59	0.3683	14.96
Feb. 28.5	18	05	13.3	—2	00	49		

1917 Gr.M.T.	True α			True δ			log Δ	Br.
Mar. 1.5	18 ^h	07 ^m	29 ^s .6	—1°	51'	28"	0.3623	15.60
2.5		09	46.3		41	55	-	
3.5		12	03.3		32	11	0.3563	16.27
4.5		14	20.6		22	16		
Mar. 5.5	18	16	38.3	—1	12	09	0.3502	16.97

Brightness May 10, 1916 = 1.00.

R. T. CRAWFORD.

BERKELEY ASTRONOMICAL DEPARTMENT,
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