

Meridianbeobachtungen des Cometen 1881 III zu Wilhelmshaven.

1881	Mittl. Ortszeit	α app.	δ app.	1881	Mittl. Ortszeit	α app.	δ app.
Juni 24	11 ^h 25 ^m 40 ^s	5 ^h 38 ^m 34 ^s 11	+49° 17' 45" 2	Juli 2	11 ^h 45 ^m 20 ^s	6 ^h 29 ^m 49 ^s 79	+72° 4' 18" 1
29	11 32 31	6 5 9.02	+65 44 32.0	5	12 7 14	7 3 36.99	+76 28 5.4
Juli 1	11 40 10	6 20 41.57	+70 12 15.3	11	13 21 40	8 41 54.49	+81 10 23.0

Wilhelmshaven 1882 Januar 20.

Dr. P. Andries.

Observations of Comets made at Harvard College Observatory, with the 15 inch Equatorial.

Communicated by Prof. E. C. Pickering, Director.

Denning's Comet 1881 V.

1881	M. T. H. C. O.	$\Delta\alpha$	$\Delta\delta$	Comp.	α app.	lg. $p.A$	δ app.	lg. $p.A$	Obs.	Star
Oct. 10	16 ^h 5 ^m 31 ^s	— 0 ^m 12 ^s 57	+15' 33" 2	5	9 ^h 37 ^m 5 ^s 00	9.6048 _n	+14° 49' 13" 5	0.6970	C.	<i>a</i>
10	16 17 5	— 0 14.30	—15 23.7	5	9 37 6.46	9.5930 _n	+14 49 4.8	0.6910	C.	<i>b</i>
11	15 29 5	— 2 42.37	— 2 8.0	5	9 39 14.44	9.6325 _n	+14 49 50.5	0.7175	C.	<i>c</i>
18	16 58 5	— 2 10.08	— 5 40.9	5	9 54 2.31	9.5122 _n	+14 48 47.8	0.6613	W.	<i>d</i>
20	16 38 18	+ 1 44.92	— 7 1.5	5	9 57 57.37	9.5389 _n	+14 47 26.9	0.6690	W.	<i>d</i>
21	15 57 22	+ 3 37.46	— 7 47.9	5	9 59 49.93	9.5914 _n	+14 46 40.3	0.6906	W.	<i>d</i>
25	16 9 35	+ 1 11.16	—15 42.9	5	10 7 13.58	9.5666 _n	+14 43 10.3	0.6795	W.	<i>e</i>
26	17 6 0	— 3 05.0	+11 0.5	5	10 9 5.45	9.4371 _n	+14 42 22.7	0.6464	W.	<i>f</i>
27	16 37 1	— 1 19.53	+10 17.9	5	10 10 46.45	9.5163 _n	+14 41 39.9	0.6632	W.	<i>f</i>

Swift's Comet 1881 VIII.

Nov. 17	13 29 38	+ 1 44.46	+ 2 41.8	7	1 57 9.14	0.0890	+74 3 51.0	0.3748 _n	W.	<i>a</i>
19	15 43 54	— 2 34.53	—14 14.7	5	1 23 52.73	0.1395	+71 36 11.4	0.3731	W.	<i>b</i>
20	6 51 18	— 0 13.97	— 9 48.4	5	1 15 51.26	9.8925 _n	+70 47 47.1	0.4844 _n	W.	<i>c</i>
22	12 54 42	+ 2 9.40	— 7 37.3	5	0 51 26.91	0.0114	+67 42 37.1	9.6863 _n	W.	<i>d</i>
Dec. 21	8 26 24	— 2 59.38	+11 1.6	4	23 36 17.86	9.5454	+31 13 22.3	0.4153	W.	<i>e</i>

Star	α 1881.0	δ 1881.0	Authority
<i>a</i>	9 ^h 37 ^m 14 ^s 78	+ 25.79	+14° 33' 55" 9 —15" 6 W. IX 783.
<i>b</i>	9 37 17.96	+ 2.80	+15 4 44.2 —15.7 „ 774.
<i>c</i>	9 41 54.02	+ 2.79	+14 52 14.4 —15.9 B. B. VI +14° 21' 48.
<i>d</i>	9 56 9.51	+ 2.88	+14 54 46.2 —17.5 W. IX 1172 : Schj. 3688.
<i>d</i>	9 56 9.51	+ 2.94	+14 54 46.2 —17.8 „
<i>d</i>	9 56 9.51	+ 2.96	+14 54 46.2 —18.0 „
<i>e</i>	10 5 59.42	+ 3.00	+14 59 12.1 —18.9 B. B. VI +15° 21' 15.
<i>f</i>	10 12 2.96	+ 2.99	+14 31 41.3 —19.1 W. X 170.
<i>f</i>	10 12 2.96	+ 3.02	+14 31 41.3 —19.3 „
<i>a</i>	1 55 13.52	+11.16	+74 0 39.4 +29.8 A.-Oe. 2256-7.
<i>b</i>	1 26 17.86	+ 9.40	+71 49 52.0 +34.1 „ 1645-6.
<i>c</i>	1 15 57.19	+ 8.04	+70 56 54.1 +41.4 „ 1440-1.
<i>d</i>	0 49 10.21	+ 7.30	+67 49 35.8 +38.6 B. B. VI +67° 80.
<i>e</i>	23 39 13.35	+ 3.89	+31 1 44.1 +36.6 W. XXIII 822.

The observations were made with a square bar micrometer and are uncorrected for differential refraction which is inappreciable. The letter C. in the column of Observer signifies S. C. Chandler jr.; W. signifies O. C. Wendell.