

## Observations de la Comète 1889 V (Brooks)

faites à l'Equatorial de 14 pouces de l'Observatoire de Bordeaux.

Date	T. m. Bord.	$\Delta$ AR.	$\Delta$ DP.	Cp.	Obs.	AR. app.	$\log p \Delta$	DP. app.	$\log p \Delta$	Red. ad l. app.	*
1889 Comète Brooks (Partie principale).											
Août 28	11 <sup>h</sup> 57 <sup>m</sup> 58 <sup>s</sup> .6	+1 <sup>m</sup> 46 <sup>s</sup> .91	+ 4' 24".1	10	C	0 <sup>h</sup> 6 <sup>m</sup> 26 <sup>s</sup> .91	9.250 <sub>n</sub>	95° 56' 3".4	0.833 <sub>n</sub>	+2 <sup>s</sup> .16 — 14".99	1
29	11 31 34.5	+1 27.80	+ 3 5.2	10	C	0 6 7.82	9.297 <sub>n</sub>	95 51 39.3	0.832 <sub>n</sub>	+2.18 — 15.06	2
Sept. 25	10 33 28.8	+1 30.38	— 0 1.5	10	GR	23 50 59.08	8.508 <sub>n</sub>	95 17 52.4	0.832 <sub>n</sub>	+2.45 — 15.75	3
26	11 45 46.0	+0 50.55	— 2 22.2	10	GR	23 50 19.25	8.547	95 14 31.7	0.832 <sub>n</sub>	+2.45 — 15.75	4
27	8 38 52.4	+0 18.27	— 4 21.8	10	C	23 49 46.97	9.444 <sub>n</sub>	95 12 31.9	0.824 <sub>n</sub>	+2.45 — 15.75	5
Oct. 23	10 29 51.9	— 2 0.45	+ 5 27.3	10	GR	23 40 15.99	9.038	93 27 57.8	0.820 <sub>n</sub>	+2.39 — 15.26	6
29	7 15 22.9	— 1 9.32	+ 5 46.1	10	C	23 40 40.15	9.298 <sub>n</sub>	92 51 33.5	8.815 <sub>n</sub>	+2.35 — 15.15	7
31	7 6 9.9	— 0 46.77	— 7 48.3	10	C	23 41 2.68	9.304 <sub>n</sub>	92 37 59.3	0.813 <sub>n</sub>	+2.34 — 15.04	8
Nov. 6	7 55 0.8	+0 32.41	+ 0 57.3	10	C	23 42 55.34	7.894 <sub>n</sub>	91 54 28.8	0.811 <sub>n</sub>	+2.29 — 14.96	9
7	7 0 5.0	+3 42.48	+12 12.3	10	C	23 43 19.89	9.228 <sub>n</sub>	91 47 30.8	0.809 <sub>n</sub>	+2.27 — 15.00	10
8	6 30 20.4	+4 7.81	+ 4 11.7	10	C	23 43 45.23	9.328 <sub>n</sub>	91 39 30.2	0.807 <sub>n</sub>	+2.26 — 14.93	11
11	6 41 56.1	+2 43.78	— 7 44.9	10	C	23 45 16.35	9.251 <sub>n</sub>	91 15 30.0	0.805 <sub>n</sub>	+2.25 — 14.84	12
13	7 45 35.0	— 3 50.90	+ 4 5.2	10	GR	23 46 27.27	8.707 <sub>n</sub>	90 58 47.8	0.803 <sub>n</sub>	+2.27 — 14.87	13
14	8 27 27.2	— 2 7.75	— 3 46.9	10	GR	23 47 4.79	8.533	90 49 54.4	0.802 <sub>n</sub>	+2.25 — 14.81	14
15	9 45 53.1	— 4 42.98	— 3 9.2	10	P	23 47 43.24	9.246	90 41 18.3	0.801 <sub>n</sub>	+2.26 — 14.79	15
16	8 37 39.0	— 4 2.67	— 11 48.0	10	P	23 48 23.53	8.787	90 32 39.6	0.800 <sub>n</sub>	+2.24 — 14.74	16
19	8 35 36.4	+2 19.71	+ 5 33.5	10	P	23 50 33.12	8.877	90 6 32.1	0.797 <sub>n</sub>	+2.20 — 14.79	17
21	7 55 19.6	+3 5.10	— 1 46.4	10	P	23 52 5.72	8.170	89 48 42.0	0.794 <sub>n</sub>	+2.19 — 14.73	18
22	9 23 18.0	— 1 23.61	+ 7 42.5	10	P	23 52 57.91	9.245	89 39 11.7	0.793 <sub>n</sub>	+2.21 — 14.75	19
23	7 46 4.0	— 1 10.75	— 2 31.2	10	P	23 53 45.12	7.888	89 30 22.4	0.792 <sub>n</sub>	+2.20 — 14.68	20
Déc. 17	7 45 39.7	— 1 38.70	— 6 20.6	10	C	0 20 6.99	9.116	85 27 0.6	0.760 <sub>n</sub>	+2.12 — 13.23	21
1890											
Janv. 9	7 14 7.4	+1 44.84	+ 7 20.6	10	C	0 53 28.75	9.246	81 11 57.5	0.724 <sub>n</sub>	— 1.05 + 5.58	22
1889 Comète Brooks (Compagnon).											
Sept. 25	11 7 11.9	+1 50.51	— 3 0.3	10	GR	23 51 19.21	8.643 <sub>n</sub>	95 13 53.6	0.832 <sub>n</sub>	+2.45 — 15.75	23
26	12 10 52.7	+1 10.59	— 5 20.9	10	GR	23 50 39.29	8.912 <sub>n</sub>	95 11 33.1	0.831 <sub>n</sub>	+2.45 — 15.74	24
27	9 18 13.6	+0 37.78	— 12 22.3	10	C	23 50 6.48	9.342 <sub>n</sub>	95 4 31.6	0.827 <sub>n</sub>	+2.45 — 15.75	25

Les initiales des Observateurs sont GR = M. G. Rayet, P = M. Picart, C = M. Courty.

Positions moyennes des étoiles de comparaison pour 1889.0.

*	AR. 1889.0	DP. 1889.0	Autorité	*	AR. 1889.0	DP. 1889.0	Autorité
1	0 <sup>h</sup> 4 <sup>m</sup> 37 <sup>s</sup> .84	95° 51' 54".3	Sj. 27	14	23 <sup>h</sup> 49 <sup>m</sup> 10 <sup>s</sup> .29	90° 53' 56".1	Gött. 6535-36-37
2	0 4 37.84	95 51 54.3	Sj. 27	15	23 52 23.96	90 44 42.3	1/2 (W <sub>1</sub> 1039 + Sj. 9937)
3	23 49 26.25	95 17 9.6	W <sub>1</sub> 23 <sup>h</sup> 973	16	23 52 23.96	90 44 42.3	1/2 (W <sub>1</sub> 1039 + Sj. 9937)
4	23 49 26.25	95 17 9.6	W <sub>1</sub> 23.973	17	23 48 11.21	90 1 33.5	1/2 (W <sub>1</sub> 947 + Sj. 9907)
5	23 49 26.25	95 17 9.6	W <sub>1</sub> 23.973	18	23 48 58.43	89 50 43.1	1/2 (W <sub>1</sub> 964 + Sj. 9914)
6	23 42 14.05	93 22 45.8	W <sub>1</sub> 23.823	19	23 54 19.31	89 31 44.0	W <sub>1</sub> 23 <sup>h</sup> 1075
7	23 41 47.12	92 46 2.5	W <sub>1</sub> 23.812	20	23 54 53.67	89 33 8.3	W <sub>1</sub> 23.1090
8	23 41 47.12	92 46 2.5	W <sub>1</sub> 23.812	21	0 21 43.57	85 33 34.4	BB.VI + 4°57
9	23 42 18.64	91 53 46.4	SD. — 2°60'40	22*	0 51 44.96	81 4 31.4	W <sub>1</sub> 0 <sup>h</sup> 863
10	23 39 35.16	91 35 33.5	W <sub>1</sub> 23 <sup>h</sup> 770	23	23 49 26.25	95 17 9.6	W <sub>1</sub> 23 <sup>h</sup> 973
11	23 39 35.16	91 35 33.5	W <sub>1</sub> 23.770	24	23 49 26.25	95 17 9.6	W <sub>1</sub> 23.973
12	23 42 30.32	91 23 29.7	W <sub>1</sub> 23.830	25	23 49 26.25	95 17 9.6	W <sub>1</sub> 23.973
13	23 50 18.17	90 54 57.5	DM. — 1°45'03. Rapp. à W <sub>1</sub> 23 <sup>h</sup> 1069				

\* Position pour 1890.0

1890 Oct. 20.

G. Rayet.