

# Observations de la planete (219) Thusnelda

faites au reflecteur de 0<sup>m</sup>50 de l'observatoire d'Alger.

1883	T. M. Alger	$\Delta\alpha$	$\Delta\delta$	Comp.	$\alpha$ app.	$\log p.\Delta$	$\delta$ app.	$\log p.\Delta$	*
Mai 9	11 <sup>h</sup> 14 <sup>m</sup> 15 <sup>s</sup>	+0 <sup>m</sup> 17 <sup>s</sup> 25	— 0' 13" 0	15:12	16 <sup>h</sup> 10 <sup>m</sup> 32 <sup>s</sup> 96	9.319 <sub>n</sub>	—9° 54' 1".3	0.800	1
	10 10 41 41	—1 38.52	+ 4 33.7	12:12	16 9 43.29	9.411 <sub>n</sub>	—9 45 36.3	0.794	2

## Positions des étoiles de comparaison.

*	$\alpha$ 1883.0	$\delta$ 1883.0	Autorité
1	16 <sup>h</sup> 10 <sup>m</sup> 12 <sup>s</sup> 53 + 3 <sup>s</sup> 18	—9° 53' 44" 8 —3" 5	W <sub>1</sub> 16 <sup>h</sup> 152. Gr. 8
2	16 11 18.62 + 3.19	—9 50 6.6 —3.4	W <sub>1</sub> 16 <sup>h</sup> 174. Gr. 8

Alger 1883 Mai 12.

Ch. Trépied.

# Observations of Comet 1882 III (Barnard)

made at the Cincinnati Observatory with 11 inch Equatoreal and Filar-Micrometer.

1882	M. t. M <sup>t</sup> L.	$\Delta\alpha$	$\Delta\delta$	Comp.	$\alpha$ app.	$\log p.\Delta$	$\delta$ app.	$\log p.\Delta$	*
Sept. 24	16 <sup>h</sup> 32 <sup>m</sup> 3 <sup>s</sup>	+0 <sup>m</sup> 6 <sup>s</sup> 88	— 0' 59" 3	14.6	7 <sup>h</sup> 40 <sup>m</sup> 19 <sup>s</sup> 46	9.503	+ 6° 43' 23".5	0.693	1
"	16 32 3	+0 29.50	—	4.0	7 40 19.1	9.503	—	0.693	2
Oct. 11	15 33 26	—0 22.58	— 0 1.5	8.4	8 29 2.15	9.582	—18 33 43.8	0.818	3
"	15 33 26	—0 38.11	— 0 54.5	8.4	8 29 2.24	9.582	—18 33 45.2	0.818	4
"	15 33 26	—0 58.60	+ 4 26.8	8.4	8 29 2.63	9.582	—18 33 48.9	0.818	5
12	15 43 47	—2 35.68	— 4 22.1	6.4	8 32 54.90	9.571	—20 25 17.6	0.830	6
"	15 43 47	—2 4.83	—	6.0	—	9.571	—	0.830	7
13	15 28 13	+2 51.67	— 9 17 7	8.4	8 36 52.62	9.606	—22 25 12.1	0.823	8

## Assumed mean places of comparison stars.

*	$\alpha$ 1882.0	$\delta$ 1882.0	Authority
1	7 <sup>h</sup> 40 <sup>m</sup> 9 <sup>s</sup> 84 + 2 <sup>s</sup> 74	+ 6° 44' 29".8 — 7".0	Pritchett (Astr. Nachr. Nr. 2499)
2	7 39 46.77 + 2.74	+ 6 39 8.3 — 7.0	W <sub>1</sub> 7 <sup>h</sup> 1029
3	8 29 22.22 + 2.51	—18 33 38.6 — 3.7	1/2 (Lalande 16914 + AOe <sub>2</sub> 8716)
4	8 29 37.86 + 2.51	—18 32 47.1 — 3.7	AOe <sub>2</sub> 8728
5	8 29 58.73 + 2.50	—18 38 2.0 — 3.7	Lalande 16938
6	8 35 28.10 + 2.47	— 20 24 51.9 — 3.7	AOe <sub>2</sub> 8851
7	— + 2.47	— — 3.7	Not identified
8	8 33 58.48 + 2.47	— 22 15 51.2 — 3.1	AOe <sub>2</sub> 8819

Sept. 24. Comet is very faint. No perceptible tail. There is a bright point in the center, very small, which was observed as the nucleus.

Oct. 11. Comet very faint in haze near the horizon. Slight central condensation.

Oct. 12. Comet strongly condensed in the center. No sign of a tail.

H. C. Wilson, Astronomer Pro. Tem.