

ack  
96-10-20

36-8-17  
→

208 West 23rd Street  
New York City  
October 23, 1936

Dr. Charles P. Olivier  
Director, Flower Observatory  
University of Pennsylvania  
Upper Darby, Penna.

Dear Sir:

Maybe I am not possessed of the true scientific mind. At least, I had not planned to submit my data on the meteor that flashed over Oklahoma on Aug. 17. But during a recent conversation with Dr. Clyde Fisher, he prompted me to send you what information I had.

Aug 17

I observed the celestial visitor at 7:12 P.M. on August 17, from the window of Thompson's Cafeteria on the southwest corner of Main and "B" Streets in Ardmore, Oklahoma, which is approximately 35 miles north of the Red River.

The meteor appeared to the north of me, at an elevation of possibly 25°, and streaked westward with a very flat trajectory, not greater than 15° from the horizontal, I believe. It was in view less than two seconds. (I was annoyed to read reports of people who said that it was visible for several seconds. Very, very few people understand that a second takes time to pass.) The "fireball's" speed was great, but not excessively so. From this I conclude that I did not see it from a point perpendicular to its line of flight. I am not prepared to say what amount of arc it traversed, because such distances are too deceiving to the unaided eye. The plane angles I mentioned are fairly reliable, because they are based upon comparison with flat housetops that were in view at the same time. The head of the meteor was a distinct but pale emerald green, and was separated from the much more luminous yellowish-white tail by a short colorless interval.

I hope these random notes will be of use.

Sincerely yours,

*F. Eyolf Bronner*  
F. Eyolf Bronner