

mailed Sep 2 1936

AMERICAN METEOR SOCIETY

- 1. Your name and address: *Wm Allen, 109 N. Bldwy Edmond Okla.*
- 2. Place you were when you saw meteor: *at home.*
- 3. Date, hour, and minute meteor appeared: *Aug 17, about 7.15 P.M.*
- 4. What was the duration of its flight in seconds? *About 3 seconds.*
(A good watch ticks five times a second.)
- 5. At what altitude did the meteor appear? *about 65° as near as I could tell*
At what altitude did it disappear? *60°*

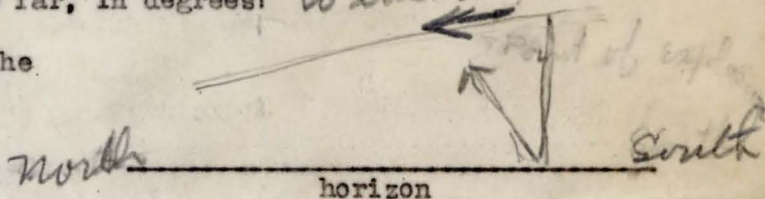
(Use degrees, if possible, in answering. It is 90 degrees from the horizon to the point directly overhead, or from N. to E. point, or from E. to S. point, etc. The North Star is about 30 degrees above the horizon. The distance between the "Pointers" in the Big Dipper is five degrees.)

- 6. In what direction was the beginning point? *Almost due East.*
In what direction was the ending point? *about 15° east of north*

(To answer these questions, drop a perpendicular from the beginning point to the horizon, and give the direction in which this line cuts the horizon. Do the same for the ending point. Give directions in degrees from the nearest point of the compass.)

- 7. Did it pass through the zenith (the point directly overhead)? *no*
If not, to which side of the zenith, and how far, in degrees? *to east about 25°*

- 8. What angle did the meteor's path make with the horizon? Draw sketch, using a line for the horizon, and an arrow for the meteor:



- 9. Did the meteor seem to pass below the horizon? *no*

Did it seem to reach the earth, and if so, did it end clearly between you and some distant object like a hill; if so, give details: *no*

- 10. If you are familiar with the constellations, describe the meteor's path with reference to the stars:

- 11. Was a trail left? *yes* How long did it last, in seconds?

Describe the trail: *trail seemed to be about 200 feet long.*

- 12. Did the meteor seem to burst or explode? *yes* If so, did you hear any sound of the explosion? *yes* How long after seeing the explosion did you hear the sound? *about 2 1/2 min*

- 13. Did you hear any other sound? *no* If so, how long after seeing the meteor was it before you heard this sound?

- 14. Color of meteor itself: *Pale ball of fire* Of trail: *Blue smoke after it exploded.*

- 15. Brightness or size of meteor (compare with the moon, a planet, or some star): *much larger than stars*

- 16. Give names and addresses of others who saw this meteor:

much larger than stars

Mr. Steve Scheibach who was guest in our home.

- 17. Please mail reply to Oscar E. Monnig, 312 W. Leuda, Fort Worth, Texas

After explosion it seemed to scatter + most of it disappeared.

It traveled from S.E. direction to n.w. direction