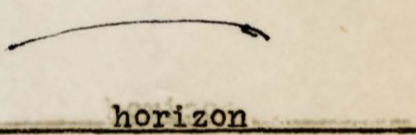


mailed 1936 8-19 1pm

AMERICAN METEOR SOCIETY

- 1 Your name and address: *O.C. Riley 803 E. Bridge, BLACKWELL OMAHA*
 - 2 Place you were when you saw meteor: *900 Block South MAIN, BLACKWELL OMAHA*
 - 3 Date, hour and minute meteor appeared: *AUG. 17, 1936 - 7:05*
 - 4 What was the duration of its flight in seconds? *Possibly 2 or 3*
(A good watch ticks five times a second.)
 - 5 At what altitude did the meteor appear? *30° SE*
At what altitude did it disappear? *75° N.W from starting point*
- (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? *Southeast*
In what direction was the ending point? *Northwest*
- (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 thru the zenith (the point directly overhead) ? *NO*
If not, to which side of the zenith, and how far, in degrees? *South 10°*
- 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:



horizon
- 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: *Seem To. explode - several degrees Above horizon*
- 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? *5*
Describe the trail:
 - 12 Did the meteor seem to burst or explode? *yes* If so, did you hear any sound of the explosion? *NO* How long after seeing the explosion did you hear the sound? *None*
 - 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: *Silver* Of trail: *Buff*
 - 15 Brightness or size of meteor (compare with the moon, a planet or some star) : *LARGE STAR WITH SPARKS TRAILING LIKE SKYROCKET*
 - 16 Give names and addresses of others who saw this meteor:
 - 17 Please mail reply to Oscar E. Monnig, 312 W. Leuda, Ft. Worth, Tex.

Thank you for the inquiry - I was really not expecting this to be of such an unusual sight but it was really very beautiful

O.C. Riley