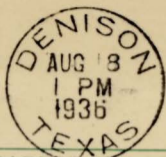


Mr Oscar Monnig

Demison Tex  
Aug-18.

Dear Sir - Wish to report seeing meteor of unusual  
brightness and color - at 7.08 P.M. yesterday.  
appeared at about  $28^{\circ}$  above horizon due north.  
<sup>slowly</sup> moved westward and down for about  $20^{\circ}$   
and when about  $15^{\circ}$  above horizon exploded  
and disappeared, color blue green until explosion  
and then orange and yellow, was very brilliant  
in the day light, possibly about 10 times  
that of Venus on a dark night. -  
My first time to see any thing of this kind. in day time

yours truly C.B. Carroll



THIS SIDE OF CARD IS FOR ADDRESS

Mr. Oscar E. Mourig

Ft Worth

TEXAS.

LAS ESTRELLAS OBSERVATORY  
314 W. LEUBA ST.

THE AMERICAN METEOR SOCIETY  
BULLETIN NO. 13

FLOWER OBSERVATORY OF THE UNIVERSITY OF PENNSYLVANIA—REPRINT NO. 13

A very brilliant meteor or fireball is reported to have passed in your vicinity on ..... at the hour of ..... Will you please answer as fully as possible the following questions, which are asked on behalf of the American Meteor Society in order that permanent records of such phenomena may be obtained. When these reports are published each contributor whose report is fairly complete will be mentioned by name and due credit given. It is only by the help of those who can give personal information that data can be secured for the computation of the orbits of meteors. These

data are of great scientific value and all reasonable efforts should be made to obtain them. If you are unable to answer all questions below, answer those you can, as they may be of the greatest importance. Fill in replies in blank spaces left and enclose an additional sheet with any further comments or description if you need more space.

*Complete instructions are given at the end of the questions. Please read them all before attempting to write any answers.*

(1) Give your name and address.

*E. B. Carroll  
616 E. WOODARD, ST DENISON TEX.*

(2) Where were you when you saw the meteor?  
(If the town is small please give county as well.)

*DENISON TEX. GRAYSON CO*

(3) Give the hour and minute when the meteor appeared; also kind of time used.

*7.08 P.M. C.S.T.*

(4) In what direction did it appear (or in what direction was it first seen)?

*DUE NORTH. altitude about 28°*

(5) In what direction did it disappear (or in what direction was it last seen)?

For questions 4 and 5, simply N, E, S, or W is not accurate enough, unless these were the *exact* directions.

*MOVED SLOWLY WEST AND DOWN -*

(6) At what height did it appear? (Use degrees in answering.)

*ABOUT 28°*

(7) At what height did it disappear? (Use degrees in answering.)

*ABOUT 15°*

(8) Did it pass *directly* overhead (i.e., through the zenith)?

*No*

(9) If not, to which side of the zenith did it go, and how far from it? (Use degrees in answering.)

*Omit*

*measure  
with  
surveying  
instrument*

(10) Did it appear to reach the horizon?

NO

(11) What angle did the path of the meteor make with the horizon and in which direction was it then going?

Vertical

(12) If you are familiar with constellations describe the path of the meteor through the sky with reference to stars.

Can't - daylight

(13) Did the meteor appear to explode?

YES

(14) What was the duration of its flight in seconds?

ABOUT 5 SECONDS

(15) Describe the trail if one was left.

SLIGHT TRAIL.

(16) What was the duration of the trail in seconds?

(17) Did you hear any sound? NO How long after seeing the meteor was it before you heard this sound?

Did you hear an actual explosion? NO How long after seeing the explosion was it before you heard it?

(18) Of what color was the meteor? BLUE GREEN, EXPLOSION SHOW' YELLOW AND ORANGE

(19) What was the size of the meteor? (Compare it with the Moon or with a planet or star.)

1/4 or 1/5 SIZE OF MOON

(20) Was more than one body seen before the explosion (if any)? ONLY ONE BODY.

(21) Give names and addresses of others who saw the meteor. ✓

(22) Please mail this reply to

Chas. P. Olivier,  
Flower Observatory,  
Upper Darby, Pa.

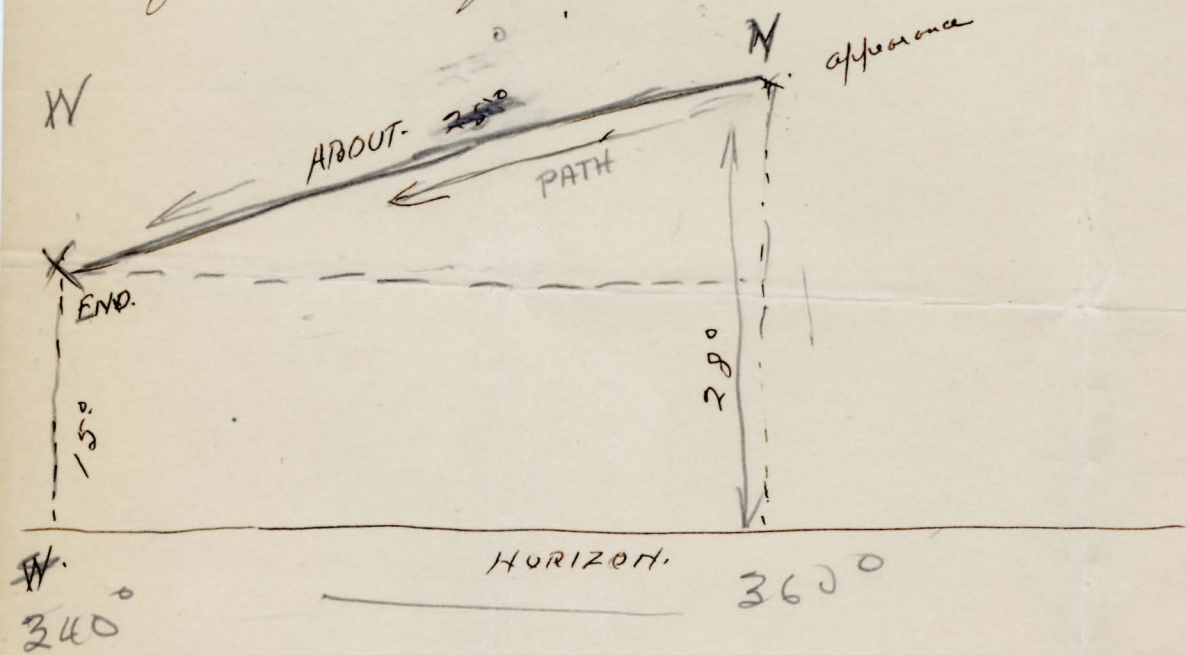
Oscar Monning  
312 W Leuda  
FA Worth Tel

Denison Tex

Aug. 20. 1936

Mr Oscar Mommig  
Wt Worth.

Dear Sir, I am returning you the circulars filled out as best I can, - am unable to give much information, only on a comparative basis I am drawing you a sketch below which may be of some benefit. Hope so any way



can't get the surveying instruments just now. and if I should doubt whether much more information could be given as of course I would have to go by my memory of the path. hope this will help and sorry can't do more

Yours truly  
L B Carver

Staple removed

Denison Tex  
Aug 18

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# R SOCIETY

ANIA—REPRINT NO. 13

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