

UNIVERSITY OF KANSAS,

LAWRENCE, KANSAS.

Jan. 3^d 1877.

Prof. D. Kirkwood,

Dear Sir

In reply to your note of inquiry, I would state that I was not fortunate enough to see the Meteor on the night of the 21st ult., but several of my friends have given me some account. Among them, B. W. Woodward is a person of unusual accuracy. He was riding down the principal st. which extends from North to South, and saw the meteor before it came to the Meridian. It came from the neighborhood of the moon, and passed the

meridian about 10° or 15° South
of the Zenith. Our Longitude
is $95^{\circ} 15'$ west from G. Latitude
 $38^{\circ} 58' 30''$.

E. O. Leonard was about 15
miles South of Fort Scott, which
is about 90 miles South of us.

The elevation, I should judge
from his account, must have
been between 25° and 35° or
possibly 40° .

I have not learned def-
initely of points where it
passed directly through the
Zenith, but suppose about
20 or 25 miles South of us.

No observations of time of any
value -

Should I gather anything of
further interest, I shall
take pleasure in communica-
ting it to you.

I suppose after the explosion, the fragments did not long continue visible.

Very truly yours,
F. V. Bordwell.

I suppose after the
history, the fragment is
not very common with
the old ones.
The old ones.