

due southeast of Houghton, where the display was described as "a shower of shooting stars that filled the northern horizon for several minutes; the stars came out of the west toward the east, and when they first appeared were so thick as to resemble sparks thrown from a locomotive." According to the *Escanaba Press*, the end of the world was apprehended by many — a common reaction to the awe-inspiring sight of the procession. Both observations are correctly dated and are unambiguous.

Eleven (11) observations have been obtained from the intensively canvassed lower peninsula of Michigan. In the Petoskey-Boyne City area across the lake from Escanaba (some 110 miles ESE), 2 comet-like objects "heading east" were seen on February 9; the *Petoskey News-Review* gives the time as 7 PM, and says "one was following directly in the path of the other, and in the wake of the last one were numerous little stars." At Boyne City, 2 eyewitnesses have been found, both of whom are positive as to the date: one recalls seeing only one large fireball, "the size of a bushel basket, heading kind of southeast — no fiery trail behind it"; the other remembers "a lot of them racing thru the sky — a lot of us who saw the meteors were certainly frightened, and there was quite a bit of talk about it at the time."

At Alpena, 80 miles east of Boyne City, fairly detailed observations were recorded by the *Alpena News*: "There may have been anywhere from 2 dozen to 50 fire-red balls with trails of sparklike fire, moving at a slow, regular speed. Starting from a point low in the southwestern sky, they described an arc clear across the heavens until they disappeared in the northeast; the awe-inspiring display continued for probably 3 minutes." The Weather Bureau at Alpena gave the following description:

"There was a short but brilliant meteoric shower observed during the evening of the 9th, between 8:15 and 8:30 PM (Central Standard Time). A group of about 10 brilliant meteors, one following the other in a straight line, appeared in the northwest and passed over the city in an easterly direction. Each gave off a faint reddish trail of light. Shortly another group, irregularly arranged, appeared in the southwestern sky, apparently traveling in the same direction. Following this display there were seen in the southwest a number of single meteors whose general direction was from west to east."

This description corrects the obvious typographical error in the directions given by the newspaper, and adds the very significant fact that other meteors traveling on a *parallel* course were noted. Altho this feature of the event may be guessed at from other data, this is the only one of the new observations to assert it definitely.

It has not been possible to obtain any other observations within 100 miles of Alpena. At Arbutus, a small town 100 miles SSW of

Alpena (and about the same of meteors was seen passing o'clock Sunday night." The *Mount Pleasant Times* tells with long tails, coming from After the flight of the meteor them thru the sky. This fire minute or more. The paper nomenon as it appeared in here as 8:10 PM, and the pl with that described at Pet refer to these 2 conspicuous 40 miles east of Mount Ple of the most remarkable me reported from many source a ball of fire, passed from t tail of fire was visible unt It was followed, at an inter tions. The stars, as they a (Bay City Tribune.) The teors passed; . . . with t fall." Twenty-five (25) m were more than a dozen, v of fire, which to some eye tacle is likened to "fiery t the same sort of simile t fireball procession. Forty the *Flint Journal* mentio 8:05 PM; . . . those who the northern sky and sail- ing into about 50 pieces 1 miles southeast of Caro a Ontario (Windsor, Dresd in 1913 by Chant; thus, link up with those of th chain of observations sp scribing something of a p from the Keweenaw Pen

The display was seen and this datum and that titative information. Th

"At 8:09 PM, a nu crossed the sky about 30 seen was a small cluster