

LANAO (DANSALAN) DRUGSTORE
Station from which Miss
Timbol viewed the right or
eastern edge of the smoke-
dust cloud thru a small open-
ing which placed its location
in the sky very definitely.

Sta. Dansalan Drugstore

Angle of elevation of smoke-dust cloud
and bearings shot with transit; angle of
elevation of cloud shot from N. E. window
of drugstore.

Angle of elevation (old)	59° 30'	equals 15.03 Km., lake level
Angle of elevation (new)	65° 00'	equals 19.76 Km., above
Level, or 20.46 Km. above sea level.		
Distance from Drugstore above sea,		711.43 m., above lake 9.36 m.
Angle of smoke-dust cloud	N 10° 00' W	
Direction at Dansalan	2° 10' E	
Distance to Pantar Municipal Building		8,203 m.
To Pantar line (projected trajectory of meteorite)		
of zone of meteoric fragments		8,884 m.
To southern (nearest) edge of shower zone		7,960 m.
Width of zone of recovered fragments		1,848 m.
Length of zone of recovered fragments		2,835 m.
Area of fragmentary zone (recovered fragments)		
approximately 5,239,080 sq. m.		5,239 sq. Km.

In new position (Aug. 16, 1939) transit was placed in window
frame proper instead of at inner edge ~~xx~~ ~~when~~ ~~xx~~ at first.

Miss Timbol saw only eastern (right) edge of cloud from window.

If a circle with a radius of 114 kilometers, and with Pantar Municipal
Building as a center, be described on a Coast & Geodetic Survey Map No.
59 (scale 1:600,000) it will represent approximately the area over which
the detonations of the exploding meteorite were heard, and the resulting
cloud seen, or 40,000 sq miles.

The bearings on this and the following four sheets should be taken as cor-
rect regardless of how they are plotted on map. All figures on these
sheets are in accordance with the very latest checking.

Long. 124° 18' E

Lat. 8° 30' 00" N, 711.43 m. above sea (above lake 9.36 m.)