Confirmed Tornado
Elliot Lake, Ontario
August 20, 1970

Date- Local: August 20th, 1970
UTC: August 20th, 1970
Time- Local: 0715
UTC: 1115
Location: Elliot Lake
Region: Elliot Lake – Ranger Lake
Classification: Confirmed Tornado
Category: A
Casualties: None
Track Length: 29000 m
Width: None available
Motion: 275
Damage Estimate: None available
F-Scale Rating: F1
Code: TS
Damage Survey: Yes
Spotter Reports: None
Other Documents:

Location and intensity of damage from the Gee and Findlay AES report of 1972 on Sudbury tornado event: F. Richardson of the Sudbury Weather Office observed that 80-100% of the trees on the storm path north of Massey were felled, predominant direction of fall was northeast, in other areas it was determined that on the north side of the path the wind from the E/NE and on the south side it was from the W/SW, some radial patterns centrifugal in direction were found, trees were generally uprooted rather than broken off, bottom sediment from Savage Lake appeared to be removed and spread onshore, damage occurred with squall/line derecho so there was likely a combination of microburst and tornado damage in this area, no evidence presented west of Batty Lake or east of Savage Lake so track extends between these two lakes, time is a rough estimate. Gee and Findlay observed what they believed to be evidence of secondary vortices alongside the main track.

This track was part of the 280 km track originally appearing in the Gee and Findlay report, with the other two parts being the Lively/Sudbury track and the Field track.

dmls

Elliott Lake track

