B

TORNADO PROJECT SUMMARY SHEET

F=0?

1. DATE AND TIME July 1963

2. LOCATION OR PATH (attach map) Carleton County NB.

3. PATH LENGTH ☑ NOT KNOWN ☐ <1mi; ☐ 1-4mi; ☐ 5-10mi; ☐ 11-50mi; ☐ LENGTH IF>50

4. PATH WIDTH ☐ 5. TORNADO PART OF SQUALL LINE? ☐ YES; ☐ NO; ☐ UNKNOWN

6. ANY UNUSUAL COLORATION? ☐ YES; ☐ NO; ☐ UNKNOWN

7. ANY UNUSUAL SOUND? ☐ YES; ☐ NO; ☐ UNKNOWN

8. IF ANSWER TO 6 OR 7 YES, ELABORATE;

9. LIST ANY ASSOCIATED PHENOMENA (Such as hail, vivid lightning heavy rain, no rain, etc.)

10. TOTAL DAMAGE ESTIMATE $ 11. TOTAL DEATHS

12. TOTAL INJURED 13. TOTAL HOMELESS

14. LIST ALL REFERENCES

15. SUMMARIZE REMARKS PERTAINING TO (a) FUNNEL; (b) INTERESTING OR CAPRICIOUS EVENTS.

- a small tornado in eastern Carleton County uprooted and snapped off trees and demolished several abandoned farm buildings.

On July 4, 1957, a small tornado near Burnt Church in Northumberland County left a path of uprooted trees and demolished an abandoned schoolhouse, while 1 3/4-inch hailstones fell from associated thunderstorms. In the summer of 1960 roofs were ripped off several buildings by a small tornado at New Market in York County. On July 22, 1961, a hailstorm with stones up to 2 1/4-inches diameter swept through the Keswick Ridge area of York County, causing extensive injury to 75,000 bu. of apples. Earlier in the same month hailstorms on the 5th and 12th caused fruit damage in Carleton County.

In July 1963, a small tornado in eastern Carleton County uprooted and snapped off trees and demolished several abandoned farm buildings.

On September 21, 1965, a tornado in Victoria County demolished several dwellings at California Settlement, miraculously causing no serious injuries.

On May 22, 1966, a severe hail and rainstorm in Victoria County caused extensive damage to newly planted potato fields, much of it by erosion from the flash rains.

WORKSHEET

IDTO

① ORIGIN x 1962700.0

y 5149000

⑤ Standard Error S_x

0 = 10 000

② LIFT-OFF x_1

y_1

⑥ Standard Error S_y

③ $(x_1 - x) =$

④ $(y - y_1) =$

⑦ DAMAGE LENGTH

$L = [(x_1 - x)^2 + (y - y_1)^2]^{1/2}$

⑧ $\alpha = \tan^{-1} \dfrac{|y - y_1|}{|x - x_1|}$

③+④ $\boxed{\rightarrow r, \theta}$ =

$\boxed{x \leftrightarrow y}$ =

⑨ Standard Error $S_L = (S_x^2 + S_y^2)^{1/2}$

⑤+⑥ $\boxed{\rightarrow r, \theta}$ =

⑩ $\beta = \dfrac{\tan^{-1} S_L}{L}$

⑦+⑨ $\boxed{\rightarrow r, \theta}$

$\boxed{x \leftrightarrow y}$ =

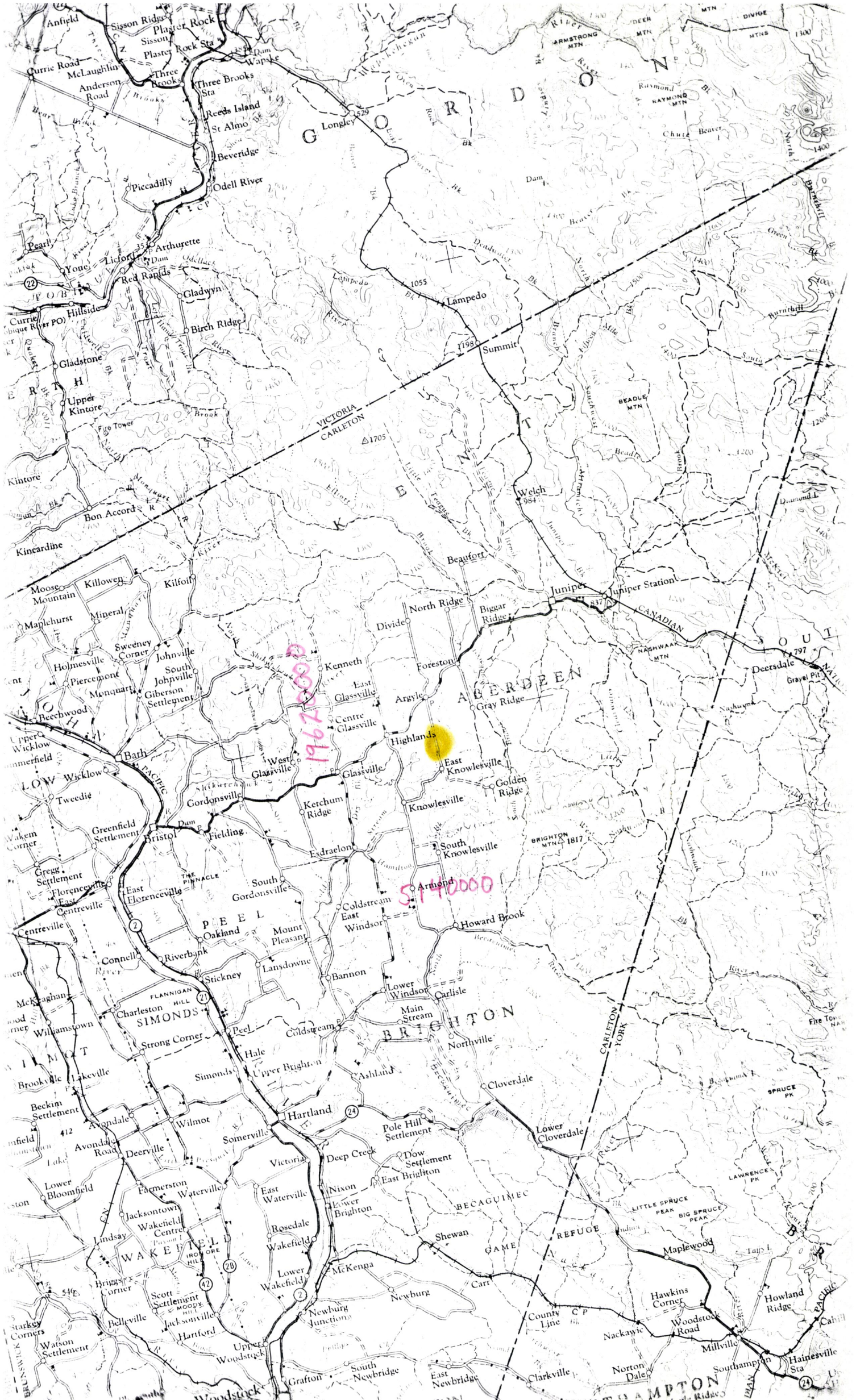
NE Quad $\phi = 90 - \alpha$

NW Quad $\phi = 270 + \alpha$

SW quad $\phi = 270 - \alpha$

SE quad $\phi = 90 + \alpha$

⑪ $\phi =$


Anfield
Sisson Ridge
Plaster Rock
Sisson
Plaster Rock Sta
Currie Road
McLaughlin
Anderson Road
Three Brooks
Three Brooks Sta
Reeds Island
St Almo
Beveridge
Piccadilly
Odell River
Pearl
Arthurette
Licford
Dam
Red Rapids
Gladwyn
Hillside
Birch Ridge
Gladstone
Upper Kintore
Fire Tower
Kintore
Bon Accord
Kincardine
Moose Mountain
Killowen
Kilfoil
Mineral
Maplehurst
Sweeney Corner
Johnville
Holmesville
Piercemont
South Johnville
Monquart
Giberson Settlement
Beechwood
Upper Wicklow
Wicklow
Bath
Tweedie
Greenfield Settlement
Bristol
Fielding
Wakem Corner
Gregg Settlement
Florenceville
East Florenceville
East Centreville
Centreville
Connell
Riverbank
Stickney
Lansdowne
Oakland
Mount Pleasant
Bannon
Coldstream
East Windsor
Howard Brook
Lower Windsor
Carlisle
Main Stream
Northville
Cloverdale
Lower Cloverdale
Pole Hill Settlement
Dow Settlement
East Brighton
Deep Creek
Nixon
Lower Brighton
Victoria
Ashland
Upper Brighton
Hale
Peel
Strong Corner
Williamstown
McKeaghan
Charleston
Flannigan Hill
Simonds
Brookville
Lakeville
Beckim Settlement
Avondale
Avonda Road
Deerville
Wilmot
Somerville
Hartland
Lower Bloomfield
Farmerston
Waterville
East Waterville
Jacksontown
Wakefield Centre
Lindsay
Rosedale
Wakefield
Lower Wakefield
McKenna
Briggs Corner
Scott Settlement
Moody Hill
Jacksonville
Belleville
Hartford
Starkey Corners
Watson Settlement
Upper Woodstock
Woodstock
Grafton
South Newbridge
East Newbridge
Clarkville
Newburg
Newburg Junction
Shewan
Carr
County Line
Nackawic
Woodstock Road
Millville
Southampton
Hainesville Sta
Norton Dale
Hawkins Corner
Howland Ridge
Cahill
Maplewood
Becaguimec
Game Refuge
Little Spruce Peak
Big Spruce Peak
Spruce Pk
Lawrence Pk
Brighton Mtn 1817
Armond
Esdraelon
South Knowlesville
Knowlesville
Golden Ridge
East Knowlesville
Highlands
Glassville
West Glassville
Centre Glassville
East Glassville
Argyle
Gray Ridge
Foreston
Kenneth
Divide
North Ridge
Biggar Ridge
Juniper
Juniper Station
Beaufort
Welch
Summit
Lampedo
Longley
Dam
Raymond
Armstrong Mtn
Deer Mtn
Divide Mtns
Raymond Mtn
Beadle Mtn
Nashwaak Mtn
Deersdale
Gravel Pit
Canadian
Pacific
Victoria
Carleton
York
Aberdeen
Peel
Simonds
Brighton
Wakefield
Northampton
1967 5000
5140000