① ② ③ 13 [illegible] C [illegible] C

# TORNADO PROJECT SUMMARY SHEET

① F = 0 ② F = 0 ③ F = 0

ONT.

1. DATE AND TIME TUES AUG 7, 1979 ① 0900 GDT ② 1200 GDT ③ 1230 GDT

2. LOCATION OR PATH (attach map)
   ① POWASSAN 0979-11
   ② VENTY UXBRIDGE 0979-12 Coded 9/or 22/80 MH
   ③ GRAND VALLEY 0979-13

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

4. PATH WIDTH U 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 $ U 11. TOTAL DEATHS NONE

12. TOTAL INJURED NONE 13. TOTAL HOMELESS NONE

14. LIST ALL REFERENCES

STORM DAMAGES - AUG 7/79 - POWASSAN AREA, A REPORT BY D BARNARD, O/C. CFCC NORTH BAY.
UXBRIDGE TIMES JOURNAL, AUG 8 1979
STAR & VIDETTE, GRAND VALLEY, AUG 15, 1979

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

(a) no remarks but funnels observed at Toronto Int'l Airport just before noon and a waterspout seen near Oakville.

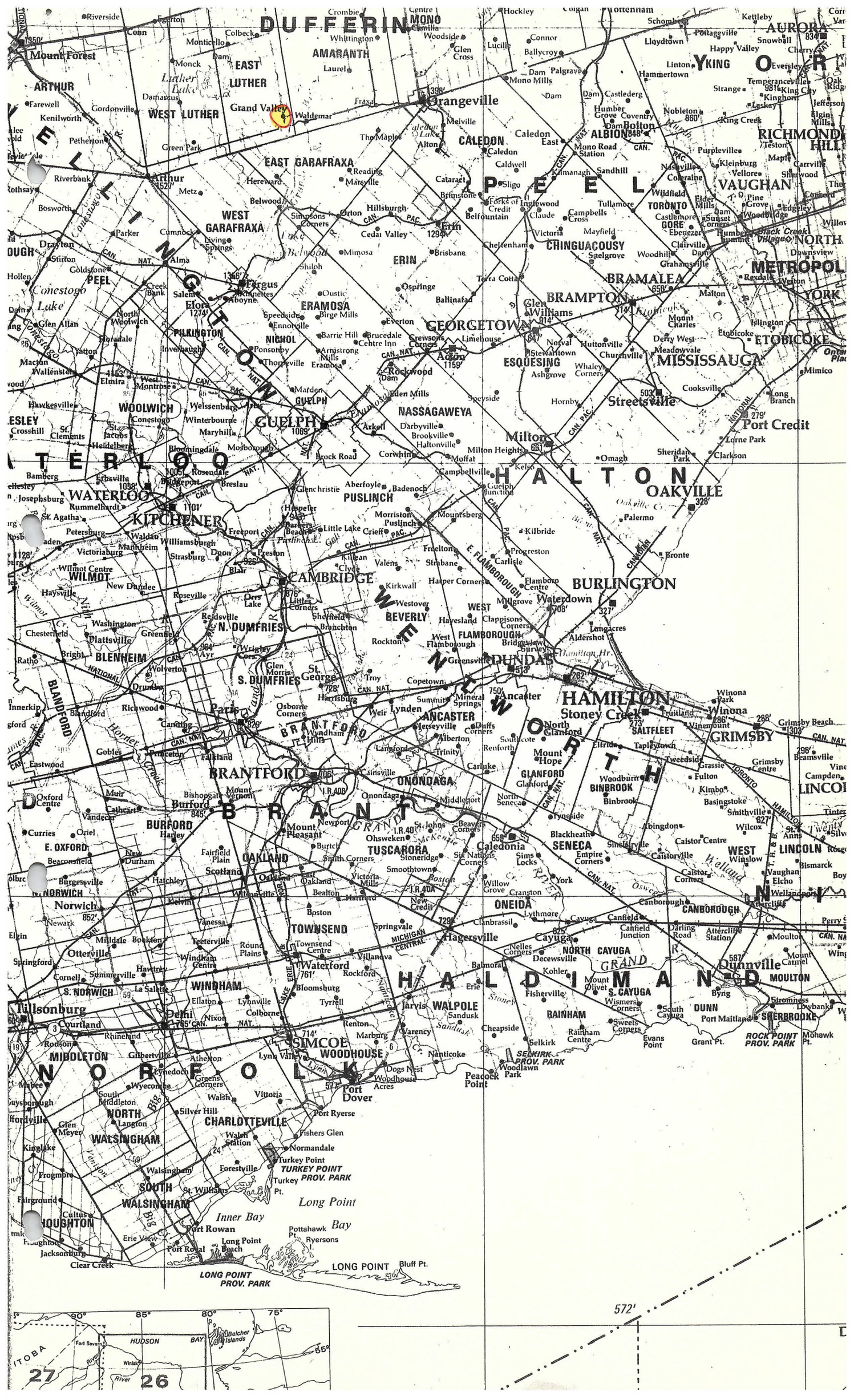
1(b) Trees broken and uprooted, minor property damage.

2(b) Trees broken & uprooted. Farm outbuilding carried through the air and across a fence. Barn damage.

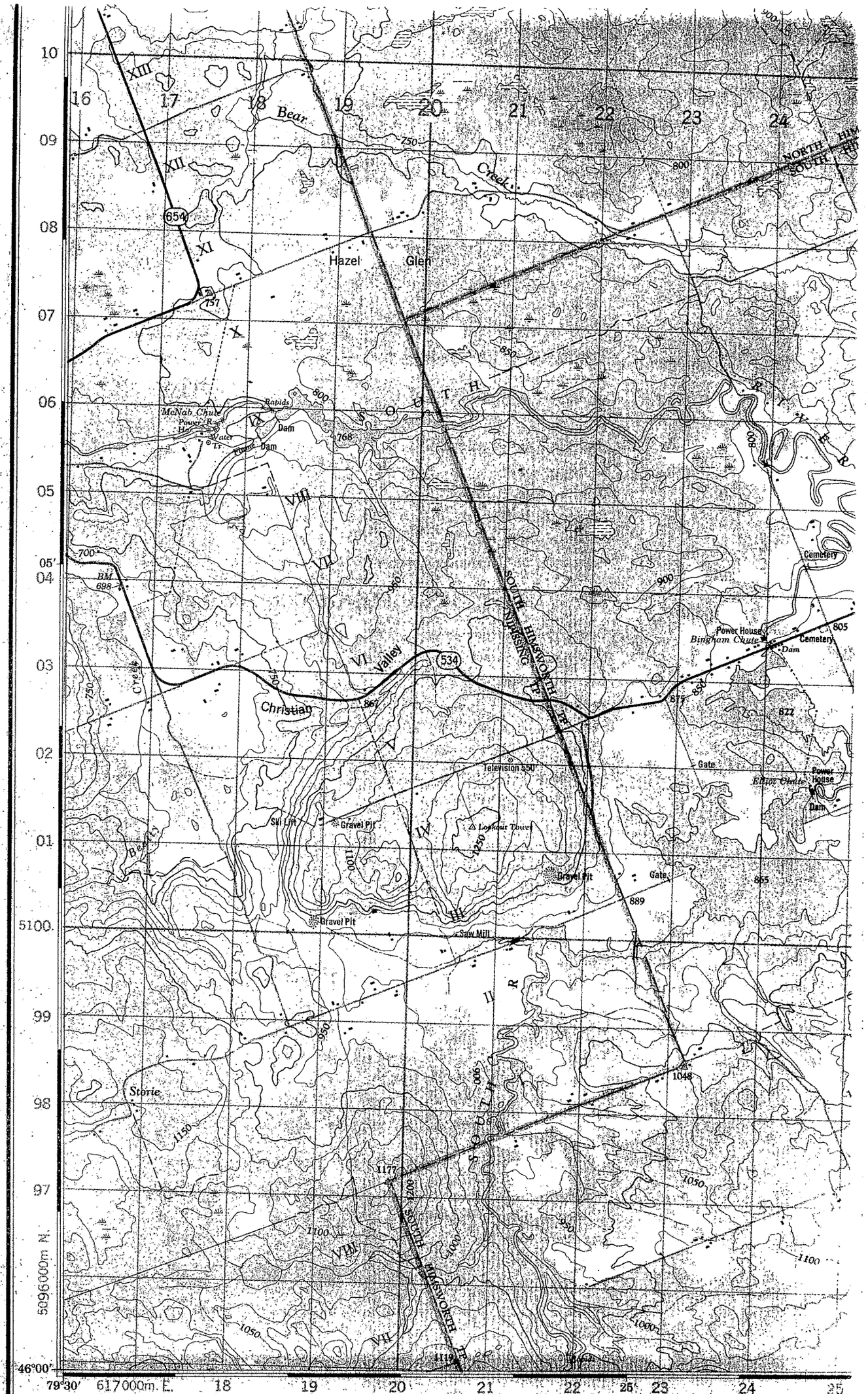
3(b) Trees broken, minor damage to barns, bent aerials.

Coded April 22, 1980 MH { 0979-14 0979-15.

NOTE: a special book for the 2 Woodstock area tornadoes of the same day.


DUFFERIN
WELLINGTON
PEEL
HALTON
WATERLOO
WENTWORTH
BRANT
HALDIMAND
NORFOLK
YORK
DURHAM
Mount Forest
Orangeville
Grand Valley
Waldemar
Arthur
Fergus
Elora
Alma
Drayton
Palmerston
Harriston
Minto
Clifford
Mount Hope
Caledon
Caledon East
Bolton
Brampton
Georgetown
Milton
Oakville
Burlington
Hamilton
Dundas
Ancaster
Stoney Creek
Grimsby
Waterdown
Streetsville
Mississauga
Port Credit
Etobicoke
Vaughan
Richmond Hill
Aurora
Newmarket
Kitchener
Waterloo
Cambridge
Guelph
Brantford
Paris
Simcoe
Tillsonburg
Delhi
Port Dover
Port Rowan
Long Point
Long Point Provincial Park
Turkey Point Provincial Park
Rock Point Provincial Park
Selkirk Provincial Park
Inner Bay
Lake Erie
Lake Ontario
Grand River
Credit River
Humber River
Speed River
Conestogo Lake
Luther Lake
Belwood Lake
Shand Dam
Guelph Lake
Hamilton Harbour
Bruce Trail
Niagara Escarpment
Hudson Bay
Fort Severn
Winisk River
Winisk
Belcher Islands
Manitoba
572'


MUSKOKA
HALIBU
SIMCOE
VICTORIA
DURHAM (RM)
YORK (RM)
LAKE SIMCOE
CHRISTIE
HUNTSVILLE
MUSKOKA LAKES
LAKE OF BAYS
BRACEBRIDGE
GRAVENHURST
HINDON
HAVELOCK
SHERBORNE
STANHOPE
GUILFORD
HALIBURTON
DYSART
MINDEN
ANSON
LONGFORD
SNOWDON
LUTTERWORTH
DIGBY
GALWAY
SOMERVILLE
LAXTON
MATCHEDASH
ORILLIA
MARA
DALTON
CARDEN
BALSAM LAKE PROV. PARK
BEXLEY
FENELON
BOBCAYGEON
VERULAM
OMEMEE
EMILY
MARIPOSA
LINDSAY
ELDON
MANVERS
SCUGOG
SCUGOG ISLAND
NEWCASTLE
PORT PERRY
UXBRIDGE
BROCK
GEORGINA
E. GWILLIMBURY
W. GWILLIMBURY
NEWMARKET
AURORA
WHITCHURCH-STOUFFVILLE
KING
RICHMOND HILL
MARKHAM
PICKERING
AJAX
WHITBY
OSHAWA
BRADFORD
BARRIE
ORO
MEDONTE
TAY
INNISFIL
ESSA
TECUMSETH
BEETON
ORO
OROVILLE
SIBBALD POINT PROV. PARK
DARLINGTON PROV. PARK
SIX MILE LAKE PROV. PARK
BASS LAKE PROV. PARK
MARA PROV. PARK
Lake Simcoe
Lake Couchiching
Lake Dalrymple
Lake Scugog
Lake Simcoe
Georgian Bay
Kempenfelt Bay
Cook Bay
Talbot R.
Holland R.
Nottawasaga R.
Black R.
Severn R.
Muskoka R.
Gull R.
Scugog R.
Pefferlaw Br.
Uxbridge Br.
Thicksons Pt.
Pickering Beach




Updated by the SURVEYS AND MAPPING BRANCH, DEPARTMENT OF ENERGY, MINES AND RESOURCES, from aerial photographs taken in 1970. Culture check 1971. Printed 1974.

Copies may be obtained from the Canada Map Office, Department of Energy, Mines and Resources, Ottawa, or your nearest map dealer.

Roads: Routes:

hard surface, all weather ..... paved, toute sa

hard surface, all weather ..... paved, toute sa

loose or stabilized surface, all weather ..... gravel, route

Headquarters
22ND NORAD REGION
Hornell Heights, Ontario
POH 1PO

3275-1 (220WX)

17 August 1979

Ontario Weather Centre
Atmospheric Environment Service
Toronto International Airport
P.O. Box 159
Toronto AMF, Ont.
L5P 1B1

RECEIVED
AUG 22 1979
Action.....

Attention: Officer in charge -
Ontario Weather Centre

Dear Sir:

STORM DAMAGES - Aug 07/79 - POWASSAN AREA

MWO Guindon and myself toured the Powassan area on Friday, August 10, three days after the storm struck. Although much of the damage had already been cleared, a fairly consistent pattern of damage was evident. Nearly all of the destruction occurred to trees rather than to buildings. In most cases the trees toppled from the S to SW towards the North. Some were split near the base, others fell intack exposing the root system. The damage tended to be grouped, that is 2 or 3 trees in a small area were struck but nothing between the trees, including at times vulnerable sheds or small buildings, were affected.

We identified 3 or 4 such areas in town and several at nearby farms. One such farm, belonging to Mr. R. Fielding, is located about 3 miles NE of Powassan. A large metal shed, containing more than 1000 chickens, had its front doors pushed "inwards" and permanently creased. These doors face northwards.

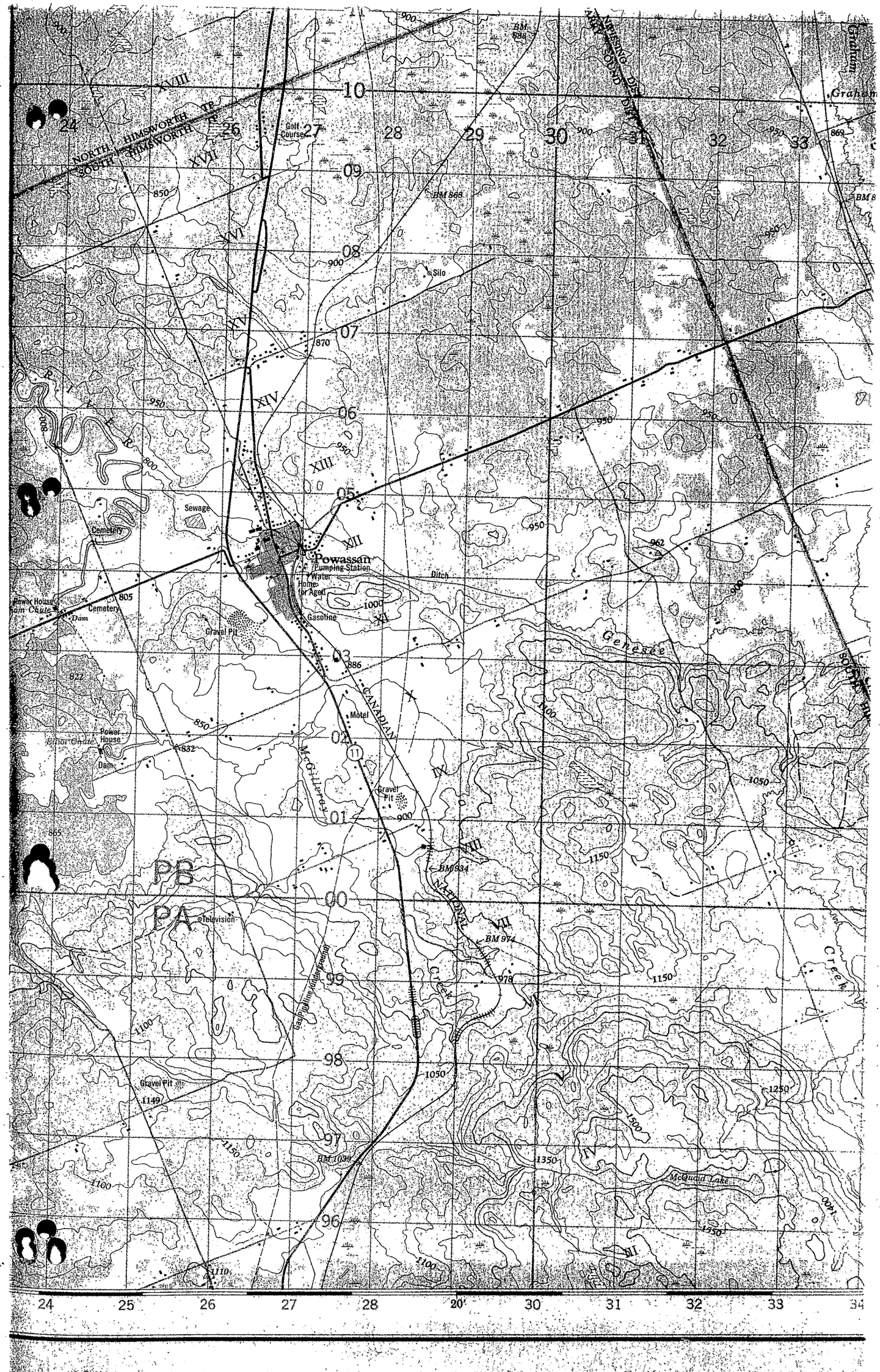
We spoke to Mrs. Fielding, who observed the damage, to two other individuals who also observed storm damage in other areas and to the local RCMP detachment. No one saw or heard of a funnel cloud. There were no hail reports although very strong winds and heavy rain were consistently observed.

I Don't agree with this conclusion. MJH.

In the opinion of MWO Guindon and myself this was not a tornado. On the other hand there is no question that this was a severe weather event accompanied by very strong squalls and possibly some cloud rotation aloft.

This event was likely a derecho event with some associated smaller tornadoes
Paddy
29 Nov 1995

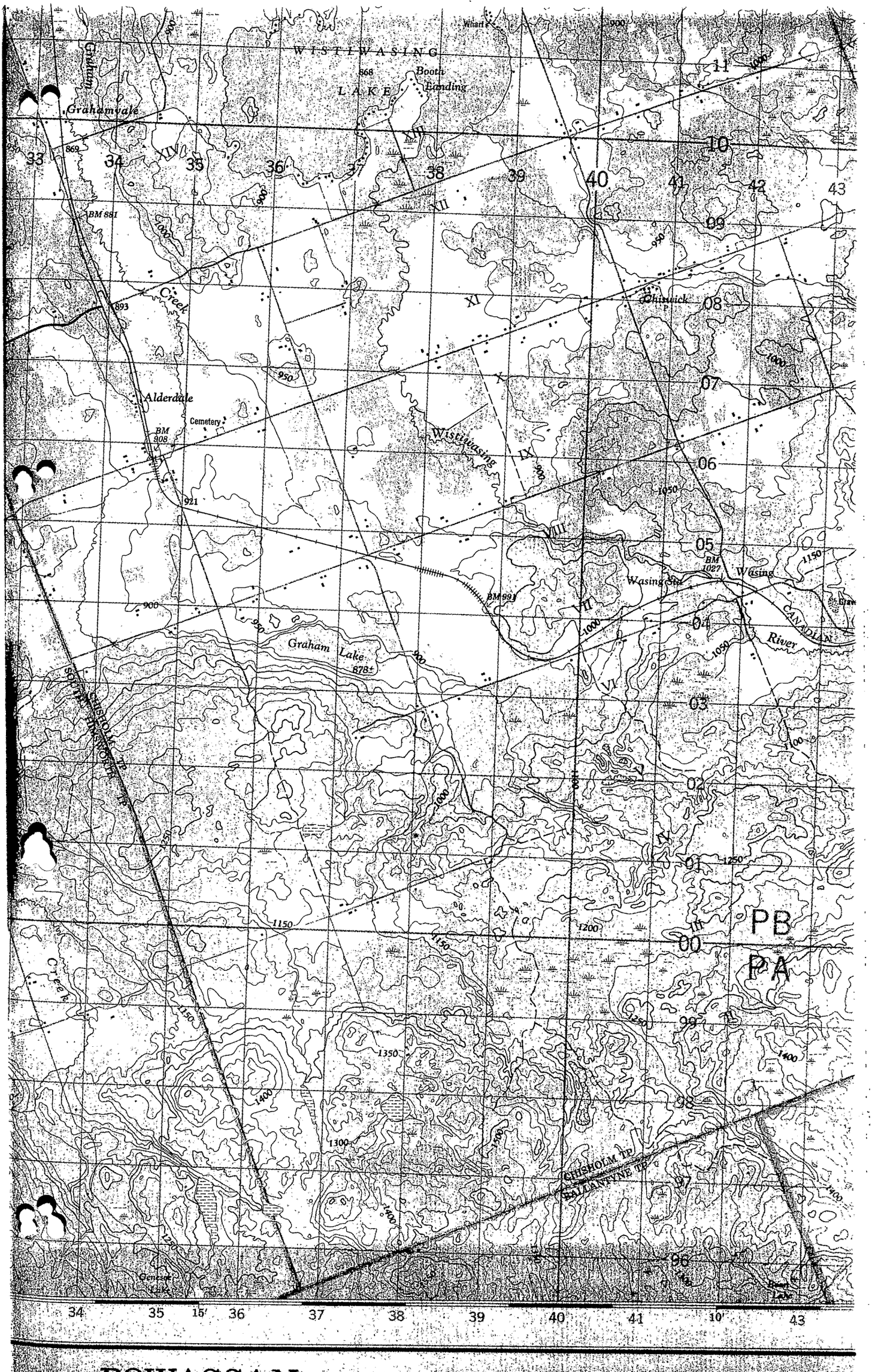
D. Bernachi
Officer in Charge
CFFC North Bay




Routes:

pavée, toute saison ..... dual highway, 2 chaussées séparées — more than 2 lanes, plus de 2 voies

pavée, toute saison ..... 2 lanes, 2 voies — less than 2 lanes, moins de 2 voies


WISTIWASING
LAKE
Booth Landing
Wharf
Grahamvale
Graham
Alderdale
Cemetery
BM 908
BM 881
BM 991
BM 1027
Wistiwasing
Chiswick
Wasing Stn
Wasing
Graham Lake
878±
CANADIAN
River
CHISHOLM TP
BALLANTYNE TP
Creek
Central Lake
Bend Lake
PB
PA
921
893
868
869
1150
1200
1250
1350
1400
1300
1050
1090
1000
950
900

POWASSAN