B

TORNADO PROJECT SUMMARY SHEET

F = UNKNOWN ONT

1. DATE AND TIME 22.7.1972 TIME UNKNOWN

2. LOCATION OR PATH (attach map) DICKSON LAKE, ALGONQUIN PARK ~~0772 07~~ 0697202

3. PATH LENGTH ☐ NOT KNOWN ☐ <1 mi; ☐ 1-4mi; ☐ 5-10mi; [15] 11-50mi; ☐ LENGTH IF>50mi

4. PATH WIDTH [UNKNOWN] 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 $ N/A

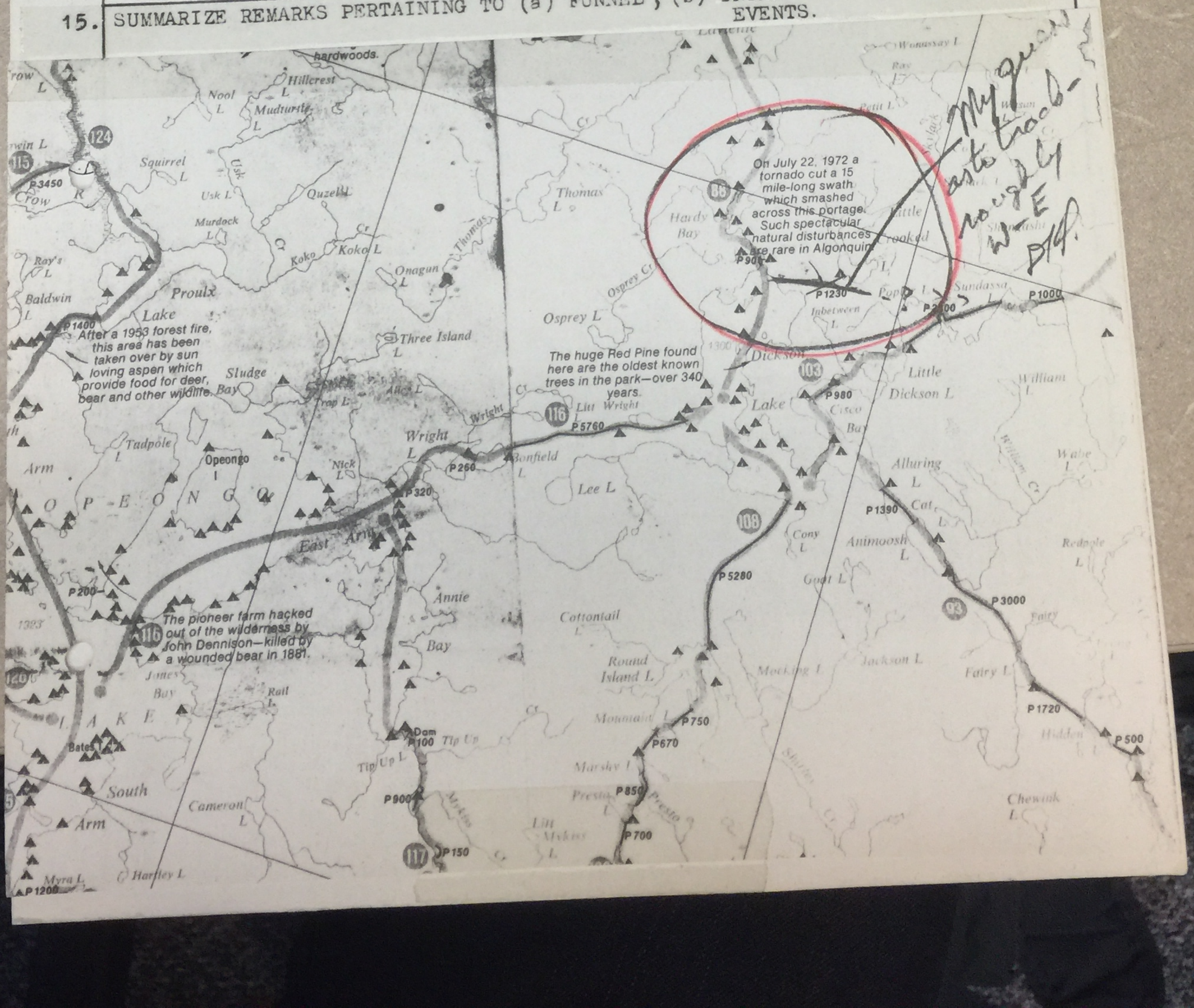
11. TOTAL DEATHS NONE

12. TOTAL INJURED NONE

13. TOTAL HOMELESS NONE

14. LIST ALL REFERENCES

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



WORKSHEET

IDTO

C 5000

(1) ORIGIN x 1770300 (5) Standard Error S_x

y 5075500

(2) LIFT-OFF x_1 (6) Standard Error S_y

y_1

(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 $\phi = 90 - \alpha$ SE quad $\phi = 90 + \alpha$

NW quad $\phi = 270 + \alpha$

SW quad $\phi = 270 - \alpha$

(11) ϕ =


LAVIELLE
PARK
WHITE
PARTRIDGE
LAKE
DICKSON
Hardy Bay
Little Crooked Lake
Little Dickson Lake
Thomas Lake
Sundassa Lake
Shangashi Lake
Skylark Lake
William Lake
Alluring Lake
Cisco Bay
Ray L.
Petit L.
Fin L.
Coy L.
Poplar L.
Osprey L.
Portage
Creek
Ck
1266±
1295±
1360±
1300±
1155±


10-25 000 DUNKIRK
100 000 and over
LONDON
Scale: 5 10 20 30 miles
SEE CONTENTS PAGE FOR SYMBOL LEGEND
NORTH BAY
EL 667
Feronia
Rutherglen
Eau Claire
Mattawa
Klock
Bissett Creek
Adelard
Mackeys Station
Moor Lake Sta
Point Alexander
Deep River
Stonecliff
Chalk River
Ottawa
Sheenborough
Allumette Lake
Desjardinsville
Petawawa
PEMBROKE
EL 380
Alice
Locksley
Woito
Ft Coulonge
Westmeath
Perrillon
La Passe
Otter Lake
Campbells Bay
Shawville
Beachburg
Micksburg
Foresters Falls
Lake Dore
Cobden
Maniwaki
Notre Dame de Pontmain
St Aime
Gracefield
Kazabazua
Low
Point Comfort
Notre Dame du Laus
Val des Bois
Wakefield
St Pierre
Gatineau Nat'l Park
Buckingham
Masson
Thurso
Labelle
La Conception
St Jovite
Ste Agathe des Monts
Arundel
Morris Hts
Rivington
Notre Dame de la Paix
Monte-Bello
QUE
Brownsburg
Calumet
Lachute
Grenville
Hawkesbury
Treadwell
Wendover
Alfred
L'Orignal
St Eugene
Vankleek Hill
Rigaud
Callander
Bonfield
Alderdale
Chiswick
Fossmill
Powassan
Nipissing
Trout Creek
Commanda
Rye
South River
Mecunoma
Sundridge
Magnetawan
Cecebe
Burk's Falls
Sand Lake
Katrine Sta
Kearney
Emsdale
Spence
Sprucedale
Novar
Bearlake
Illfracombe
Sequin Falls
Ravenscliff
Grassmere
Dwight
Huntsville
Birkendale
Rosseau
Allensville
Utterson
Newholm
Dorset
Raymound
Windermere
Glenmount
Morinus
Port Carling
Hutton House
Milford Bay
Baysville
Glen Orchard
Stoneleigh
Bracebridge
Muskoka Falls
Purbrook
Clear Lake
Carnarvon
Bala
Uffington
Six Mile Lake
Severn Falls
Hydro Glen
Gravenhurst
Barkway
Houseys Rapids
Minden
Miners Bay
Ragged Rapids
ALGONQUIN PROVINCIAL PARK
Klosk
Algonquin Park
Whitney
Eagan Estate
Bonnechere
Paugh Lake
Barrys Bay
Killaloe Sta
Killaloe
Deacon
Golden Lake
Eganville
Hyndford
Douglas
Castleford
Renfrew
Madawaska
EL 1035
Bark Lake
Wallace
Cross Lake
Hopefield
Cormac
Brudenell
Rockingham
Combermere
Wolfe
McDougall
Opeongo
Grattan
Glasgow Station
Shamrock
Dacre
Burnstown
White Lake
L St Peter
Purdy
Maple Leaf
Lake St Peter
Maynooth
Hybla
Wingle
Quadeville
Mount St Patrick
Springtown
Calabogie
Griffith
Camel Chute
Black Donald Mines
Flower Sta
White
Clayton
Boulter
Hardwood Lake
Monteagle Valley
Hermon
Ireland
McArthurs Mills
Denbigh
Highland Grove
Baptiste
Bancroft
L'Amable
West Guilford
Haliburton
Cheddar
Donald
Tory Hill
Lochlin
Gooderham
Hadington
Fortescue
Clanricarde
Clydesdale
Paudash
Faraday
Ormsby
Coe Hill
Glen Alda
Ewan
Kinmount
Mount Irwin
Catchacoma
Burleigh
Apsley
Lasswade
Westemkoon
Gunter
Bon Echo
Wensley
Massanoga
Plevna
Vernachar
Ompah
Canonto
Lavant
Poland
Watsons Corners
Donaldson
Lanark
Ardoch
McDonalds Corners
Elphin
Clarendon
Maberly
Silver Lake
Brooke
Stanleyville
Quyon
Constance Bay
Woodlawn
Braeside
Arnprior
Galetta
Antrim
Malwood
Carp
Pakenham
Panmure
March
Bells Corners
Waba
Uneeda
Blakeney
Almonte
Stittsville
Stanleys Cor
Manotick
Manotick Sta
Carleton Place
EL 450
Ashton Sta
Richmond
Tatlock
Herrons Mills
Innisville
Franktown
Burritts Rapids
Dwyer Hill
N Gower
Bridgeview
Balderson
Richardson
Smiths Falls
Perth
Lombardy
HULL
OTTAWA
EL 214
Eastview
Orleans
Ramsayville
Leitrim
Carlsbad Sprs
Rockland
Clarence Cr
Cumberland
Bourget
Curran
Plantagenet
Calegonia Spgs
Routhier
Lemieux
Pendleton
Ste Rose
Bear Brook
Vars
Limoges
Edwards
Russell
Embrun
Casselman
St Isidore de Prescott
Alexandria
EL 260
Maxville
Fournier
Daikeith
McCrimmon
Ste Anne de Prescott
Glen Robertson
Ste Justice de Newton
Dalhousie Sta
Riviere Beaudette
Metcalfe
Vernon
Osgoode Sta
Winchester
Chesterville
Morewood
Finch
Crysler
Moose Creek
Monckland Sta
Avonmore
Newington
Apple Hill
St Raphael West
Martintown
Lancaster
St Andrews West
Summerstown
Kemptville
Mountain
Winchester Sprs
Williamsburg
Dunbar
Lunenburg
Ingleside
CORNWALL
TOLL BR
Covington
Oxford Mills
Rideau River
Brinston
S Mountain
Morrisburg
Merrickville
E Oxford
Bishops Mills
Eastern Cors
Wolford Centre
Spencerville
Iroquois
N Augusta
Prescott
Cardinal
Johnstown
OGDENSBURG
MASSENA
TOLL BR CAR & PASS $1.00
Roosevelttown
Bombay
Moira
Waddington
Winthorp
Norwood
Dickinson
Hopkinton
St Regis Falls
Potsdam
Colton
S Colton
BLUE MTN 2518
Canton
De Kalb Jct
Morristown
Black L
Richville
Russell
Pope Mills
Hammond
Gouverneur
Edwards
Fine
ADIRONDACK
Cranberry Lake
Sevey
Piercefield
Tupper L
Harrisville
Natural Bridge
Antwerp
Theresa
Evans Mills
Great Bend
Carthage
Croghan
WATERTOWN
W Lowville
Old Forge
McKeever
Boonville
Noblboro
FOREST
PRESERVE
Redfield
Mannsville
Pulaski
Selkirk Shores
Nine Mile Pt
OSWEGO
Mexico
Henderson
Chaumont
Cape Vincent
Clayton
Alexandria Bay
Rockport
Gananoque
KINGSTON
EL 255
Wolfe Island
St Lawrence Islands Nat'l Park
Brockville
Athens
Delta
Lyndhurst
Mallorytown
Lansdowne
Portland
Westport
Newboro
Chantry
Philipsville
Elgin
Crosby
Bedford Mills
Fermoy
Morton
Lake Opinicon
Seeleys Bay
Battersea
Inverary
Joyceville
Glenburnie
Sydenham
Verona
Harrowsmith
Desert Lake
Buck Lake
Tichborne
Bolingbroke
Sharbot Lake
Mountain Grove
Arden
Henderson
McLean
Kaladar
Harlowe
North Brook
Flinton
Cooper
Queensborough
Actinolite
Tweed
Madoc
EL 575
Marmora
Bonarlaw
Crookston
Chapman
Marlbank
Moira
Roslin
Stirling
Harold
Plainfield
Centreville
Roblin
Newburgh
Yarker
Tamworth
Enterprise
Wilkinson
Godfrey
Moneymore
Selby
Lonsdale
Napanee
Odessa
Millhaven
Deseronto
Morven
Bath
Shannonville
BELLEVILLE
Foxboro
Frankford
TRENTON
Carrying Place
Ameliasburg
Consecon
Crofton
Picton
Bloomfield
Wellington
Demorestville
Adolphustown
Glenora
Green Point
Waupoos
Milford
Salmon Point
South Bay
Owen Pt
Wicked Pt
Pt Petre
Pr Edward Pt
Nicholson I
Mill Bridge
Bannockburn
Vansickle
Oak Lake
Malone
Cordova Mines
Deloro
Round Lake
Crowes Landing
McCrackens Ldg
Centre
Drummer
Havelock
Blairton
Norwood
Hastings
Hoards
Campbellford
Warkworth
Codrington
Wooler
Brighton
Colborne
Presquile
Grafton
Cobourg
EL 298
Port Hope
Port Granby
New Castle
Bowmanville
Newtonville
Welcome
Kendal
Baltimore
Cold Springs
Centreton
Gores Ldg
Fenella
Castleton
Morganston
Burnley
Alderville
Monaghan
Villiers
Keene
Jermyn
PETERBOROUGH
Lakefield
Bridgenorth
Youngs Pt
Warsaw
Curve Lake
Oak Orchard
Buckhorn
Bobcaygeon
EL 818
Burleigh Falls
Haultain
Union Creek
Rockcroft
Burnt River
Norland
Head
Lake Coboconk
Bexley
Rosedale
Fenelon Falls
Dunsford
Powles Cors
Cambray
Kirkfield
Bolsover
Argyle
Hartley
Woodville
LINDSAY
Cannington
Oakwood
Manilla
Sunderland
Little Britain
Valentia
Downeyville
Reaboro
Omemee
Fee Landing
Fowlers Cor
Mount Pleasant
Bethany
Millbrook
Pontypool
Garden Hill
Bewdley
Nestleton Sta
Burketon Sta
Enniskillen
Hampton
Kirby
Raglan
Columbus
OSHAWA
EL 325
Whitby
Brooklin
Port Perry
Manchester
Greenbank
Seagrave
Goodwood
Balsam
Claremont
Brougham
Pickering
Markham
Agincourt
Uxbridge
Sandford
Cedar Valley
Mount Albert
Leaskdale
Brown Hill
Udora
Sutton
Virginia
Keswick
Ravenshoe
Beaverton
Port Bolster
Thorah I
Gamebridge
Brechin
ORILLIA
Atherley
Longford Mills
Udney
Sebright
Dairymple
Uphill
Coopers Falls
Washago
Sadowa
Port Stanton
Severn Bridge
Coldwater
Uhthoff
Warminster
Moonstone
Creighton
Rugby
Edgar
Hawkestone
Oro Station
Big Bay Point
Georgina I
Stroud
Lefroy
Deerhurst
Queensville
Bradford
Newmarket
Kettleby
Aurora
Schomberg Jct
Nobleton
Kleinburg
Richmond Hill
Langstaff
Gormley
Stouffville
Ballantrae
Vandorf
Malton
Cooksville
TORONTO
EL 254
MIMICO
NEW TORONTO
LONG BRANCH
Lakeview
Port Credit
Clarkson
Sheridan
LAKE ONTARIO
247 FT ABOVE SEA LEVEL
LAKE ONTARIO
ST. LAWRENCE ISLANDS NAT'L PARKS (THOUSAND ISLANDS)
MAIN SEASON early June - late Oct.
A
B
C
D
E
46°00'
45°00'
44°00'
For New York see pages 62-63