A

TORNADO PROJECT SUMMARY SHEET

F=0

1. DATE AND TIME: Thurs. May 3 '56 14:30 PST

2. LOCATION OR PATH (attach map): Vancouver

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

4. PATH WIDTH: ☐

5. TORNADO PART OF SQUALL LINE? ☐ YES; ☐ NO; ☐ UNKNOWN:

6. ANY UNUSUAL COLORATION? ☑ YES; ☐ NO; ☐ UNKNOWN — black cloud at smoke

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 $ 4

11. TOTAL DEATHS 0

12. TOTAL INJURED 0

13. TOTAL HOMELESS 0

14. LIST ALL REFERENCES

Vancouver Sun
May 4 '56

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

- likely a strong dust devil
- lifted shingles, broke windows, moved lawn ornaments
- witnesses described it as a black cloud of smoke

WORKSHEET

IDTO 10956-01

① ORIGIN x 10496000

y 5454500

② LIFT-OFF x_1

y_1

③ $(x_1 - x) =$

④ $(y - y_1) =$

⑤ Standard Error S_x

$C = 102$

⑥ Standard Error S_y

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 $\phi =$

Thurs. May 3 '56

The Vancouver Sun

May 4, 1956

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Pint-Size Tornado Hits Homes

A pocket-size tornado ripped shingles off a roof and broke a window in one section of the city Thursday.

The whirlwind struck the home of Mrs. F. G. Greenslade, 4771 Slocan, about 3:30 p.m. It lifted about 200 asphalt shingles from the roof, moved a wheelbarrow a few feet and carried a piece of corrugated iron across the yard.

Mrs. Greenslade rushed outside to rescue her laundry from the line and was "just about whipped off my feet," she said.

WINDOW BROKEN

A bedroom window at the home of G. H. O. Mills, next door at 4755 Slocan, was broken and the room filled with dust.

The whirlwind chased painters down from ladders as it whisked by Norquay school at Euclid and Slocan.

Witnesses said the "dust devil" was like a "black cloud of smoke."

CONDITIONS FAVORABLE

The weatherman said weather conditions are favorable for formation of miniature tornadoes. They're around frequently in good weather, he said, but usually aren't noticed until they cause damage or can be seen by picking up dust.

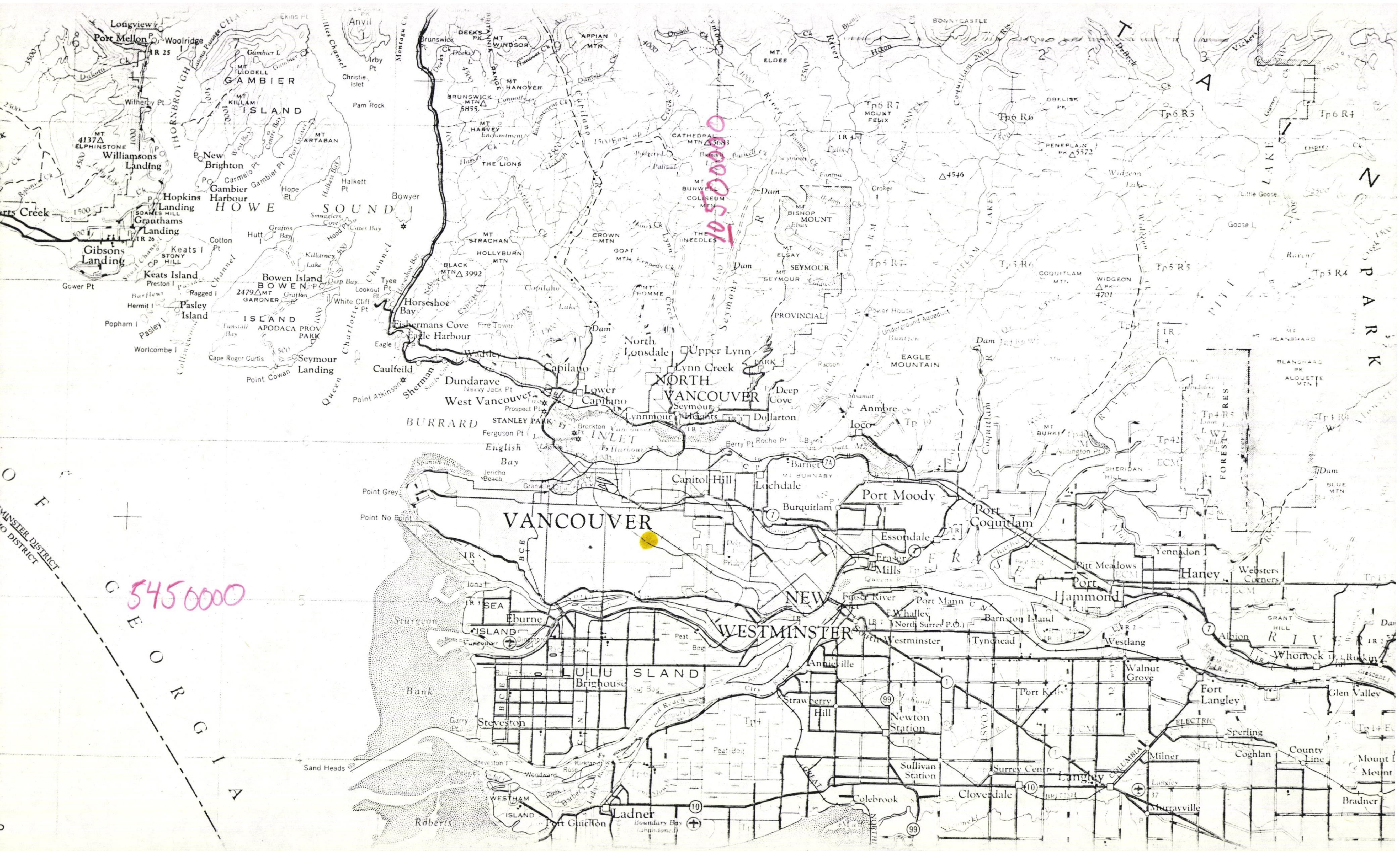
They have the same structure as a tornado, but don't worry. Vancouver doesn't get full-scale tornadoes.

The miniature ones start when air is warm near the ground and cool higher up, causing "unstable conditions."

(4) Time, date & location of occurrence - mid afternoon on May 3, 1956 in East Vancouver in the vicinity of Slocan Street & Kingsway.

This was a relatively weak twister with the cloud pendant touching the ground for a very brief period. Only two neighboring houses reported broken windows and ripped shingles. No injuries were reported.

This minor tornado was reported in the Vancouver Sun on May 4, 1956.


Longview
Port Mellon
Woolridge
IR 25
Dakota Ck
Latona Passage
THORNBROUGH CHANNEL
MT LIDDELL
GAMBIER ISLAND
Gambier L
Gambier Ck
MT KILLAM
Ekins Pt
Anvil
Irby Pt
Christie Islet
Pam Rock
Montagu Ch
Witherby Pt
MT 4137 ELPHINSTONE
Williamsons Landing
New Brighton
West Bay
Centre Bay
Port Graves
MT ARTABAN
Carmelo Pt
Gambier Pt
Gambier Harbour
Hope Pt
Halkett Bay
Halkett Pt
Bowyer
Hopkins Landing
SOAMES HILL
Granthams Landing
HOWE SOUND
Roberts Creek
Gibsons Landing
IR 26
Keats I
STONY HILL
Keats Island
Cotton Pt
Hutt I
Grafton Bay
Smugglers Cove
Hood Pt
Cates Bay
Killarney Lake
Bowen Island
BOWEN ISLAND
Deep Bay
2479 MT GARDNER
Grafton
Tunstall Bay
APODACA PROV PARK
Cape Roger Curtis
Seymour Landing
Point Cowan
Queen Charlotte Channel
Collingwood Channel
Shoal Channel
Gower Pt
Preston I
Passage
Ragged I
Barfleur
Hermit I
Pasley Island
Popham I
Pasley I
Worlcombe I
Tyee Pt
Lookout Pt
White Cliff Pt
Horseshoe Bay
Fishermans Cove
Eagle Harbour
Eagle I
Caulfeild
Point Atkinson
Sherman
Wadsley
Dundarave
Navvy Jack Pt
West Vancouver
Brunswick Pt
Deeks Ck
DEEKS PK
BRITANNIA RANGE
MT WINDSOR
APPIAN MTN
MT HANOVER
BRUNSWICK MTN 5855
MT HARVEY
Enchantment L
THE LIONS
Hesketh Ck
Capilano R
MT STRACHAN
HOLLYBURN MTN
BLACK MTN 3992
Cypress Ck
Nelson Ck
Capilano Lake
Fire Tower
Dam
CROWN MTN
GOAT MTN
Kennedy Ck
MT FROMME
Lynn Creek
CATHEDRAL MTN 5683
Burwell L
Palisade L
MT BURWELL
COLISEUM MTN
THE NEEDLES
Seymour R
Dam
MT ELDEE
Orchard Ck
Seymour Lake
Fannin L
MT BISHOP
MOUNT SEYMOUR
MT ELSAY
MT SEYMOUR
PROVINCIAL PARK
Power House
Underground Aqueduct
Buntzen
EAGLE MOUNTAIN
Racoon
Sasamat
Anmore
Ioco
Tp6 R7
MOUNT FELIX
IR 4
Croker
Tp5 R7
BONNYCASTLE
Coquitlam 2000
DeBeck
Vickers
OBELISK PK
Tp6 R6
Tp6 R5
Tp6 R4
PENEPLAIN PK 5572
4546
Widgeon Lake
PITT LAKE
Little Goose L
Goose L
COQUITLAM LAKE
Tp5 R6
COQUITLAM MTN
WIDGEON PK 4701
Tp5 R5
Tp5 R4
Raven L
GARIBALDI PARK
IR 4
MT BLANSHARD
BLANSHARD PK
ALOUETTE MTN
FOREST RES
Tp4 R5
W7
Tp42
ECM
PITT RIVER
MT BURKE
Tp40
SHERIDAN HILL
Dam
BLUE MTN
North Lonsdale
Upper Lynn
Capilano
Lynn Creek
NORTH VANCOUVER
Lower Capilano
Deep Cove
Seymour Heights
Lynnmour
Dollarton
IR 3
IR 2
Prospect Pt
STANLEY PARK
Brockton Pt
BURRARD INLET
Ferguson Pt
English Bay
Berry Pt
Roche Pt
Burns
Barnet
7A
MT BURNABY
Spanish Bank
Jericho Beach
Point Grey
Point No Point
Capitol Hill
Lochdale
Port Moody
Burquitlam
7
VANCOUVER
Essondale
Port Coquitlam
Fraser Mills
FRASER RIVER
Yennadon
Pitt Meadows
Haney
Websters Corners
Port Hammond
BCE
IR 2
Iona
IR 3
SEA ISLAND
Eburne
Sturgeon Bank
NEW WESTMINSTER
Fraser River
Port Mann
Whalley
(North Surrey P.O.)
Barnston Island
South Westminster
Tynehead
Westlang
Albion
GRANT HILL
Whonock
Ruskin
LULU ISLAND
Brighouse
Peat Bog
Annieville
Walnut Grove
Fort Langley
Glen Valley
Strawberry Hill
Port Kells
99
1
Newton Station
Garry Pt
Steveston
Sperling
Coghlan
County Line
Mount Lehman
Sullivan Station
Surrey Centre
Langley
Milner
Cloverdale
10
Colebrook
Murrayville
Bradner
Sand Heads
Woodward
Westham Island
Port Guichon
Ladner
Boundary Bay (abandoned)
Roberts Bank
STRAIT OF GEORGIA
NEW WESTMINSTER DISTRICT
NANAIMO DISTRICT
5450000
10 50000