
**Confirmed Tornado
Maple, Ontario
July 19, 1981**

Date- Local: Sunday, July 19th, 1981.

UTC: Sunday, July 19th, 1981.

Time-Local: 16:00

UTC: 20:00

Location: Maple

Region: York – Durham

Classification: Confirmed Tornado

Category: A

Casualties: None

Track Length: 5132m

Width: None Available

Motion: 312°

Damage Estimate: None Available

F-Scale Rating: F0

Code: BS/AH/TS

Damage Survey: one

Spotter Reports: None

Other Documents:

Logged event citing event as a confirmed tornado, no evidence given.
Information on this event, including field survey report by M.J. Newark,
A. Stockman and H. Vogel, can be found in the 'Ontario July 1981' folder
at the front of this year.

Tornado F-Scale Assessment

Marci Vanhoucke

Tornado Data Production Assistant, Environment Canada

August 10, 2005.

Classification: Confirmed Tornado

Date: Sunday, July 19th, 1981.

Location: Maple, York – Durham

Assessment: F0

F-Code: AH/BS/TS

Explanation of Assessment: There is a project summary sheet along with a damage survey (including newspaper clippings) that was conducted by the weather office that confirms this as an F0 tornado. The damage survey states that damage found was in the form of trees uprooted and broken and parts of barn and house roofs removed. Due to the damage found and the survey, this tornado is rated an F0.

CLASSIFICATION: Severe Thunderstorm**SOURCE/WATCHER ID:****EVENT TIME (UTC):** 20-00 **EVENT DAY:** 19.0 **MONTH:** 7.0 **YEAR:** 1981.0 **EVENT DURATION (HR):** 0.0 **(MIN):** 0.0**DAY OF THE WEEK:****EVENT LOCALE:** Maple**ASOCTD PUBLIC RGN:** Barrie-Huron**DETAILED DESCRIPTION:**

confirmed tornado, with golf ball sized hail, no fatalities

INITIAL ASSESSMENT: YES**SPL WX STATEMENT IN EFFECT ?:** UKN **STATEMENT LEAD TIME (HR):** (MIN):**WATCH IN EFFECT ?:** UKN **WATCH LEAD TIME (HR):** (MIN):**WARNING IN EFFECT ?:** UKN **WARNING LEAD TIME (HR):** (MIN):**TORNADO:** F0**WINDSPEED:****RAINFALL:** MM **RAIN DURATION:****HAIL DIAMETER:** MM **HAIL DESCRIPTION:** 45**EVENT DESCRIPTION:** Tornado**Mesoscale ?:** **Synoptic ?:** **Big Event ?:****Statement Est Hit/Miss:****Watch Est Hit/Miss:****Warning Est Hit/Miss:****Separate Event (30km/30min):** YES**Vetted by:****Vetted date:**



Toronto Sun, Ont.

Circ. 224,374

July 20, 1981

CANADIAN PRESS CLIPPING SERVICE "1

Storm ravages region

L 1492

A fierce storm lashed through York Region and Metro Toronto late yesterday afternoon, causing damage described by police as "unbelievable" and the worst one officer has seen in 20 years.

Roofs, hydro lines and trees were smashed and torn and two people struck by lightning as the ferocious storm passed through.

Heavy damage was caused in the southern area of York Region between Hwy. 7, Bathurst, Bayview and Steeles.

The storm then passed through Metro and out east, touching down in Scarborough, where lightning seriously injured a Willowdale man and a woman on the Scarboro bluffs.

Shift supervisor Harold Hosein at the Toronto International Airport weather office described it as "one hell of a thunderstorm" originating in southern Georgian Bay. The airport was not hit.

Richmond Hill and Thornhill were jolted badly, however.

The storm dumped several inches of rain and hailstones ranging from marble-sized to bigger than golf balls.

Oak Ridges Const. Phil Shrive said the storm touched down just north of Canada's Wonderland about 3:30 p.m. Wonderland spokesman Michael Gilligan said the park's weather consultant firm had warned officials in plenty of time to evacuate all customers from the 150-foot mountain and all other high points.

In Maple, the storm ripped off barn and house roofs, downed hydro lines and uprooted trees. There were several reports of trees falling on houses and in streets, Shrive said.

Oak Ridges OPP received one call from a resident reporting a tornado.

ROOFS RIPPED, TREES UPROO

The thunderstorm then moved on to Thornhill and Richmond Hill causing "unbelievable damage," Shrive said, with trees collapsing by the dozen on houses and streets.

Intense rain forced motorists to stop dead in their tracks on Hwys. 50 and 9 without pulling off to the side. OPP cruisers were also pulled off the road because of the 20-minute deluge.

Dozens of minor fender benders were reported but there were no serious accidents.

Power outages in North York and Scarboro trapped scores of people in elevators and basement floodings

were reported with regularity between 3 and 4 p.m. One lane of Hwy. 11 north of Oak Ridge at the height of the rain.

North York firefighters reported dozens assistance, including one report of a chimney when struck by lightning.

The storm moved eastward through Oshawa, Cobourg, Trenton and Kingston in diminishing force.

Because of more unsettled air entering from the southwest, Metro can expect more rain and thunderstorms today.