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**Confirmed Tornado  
Kabaigon Bay, Ontario  
July 17, 1990**

**Date- Local:** Tuesday, July 17<sup>th</sup>, 1990.

**UTC:** Wednesday, July 18<sup>th</sup>, 1990

**Time-Local:** 20:45

**UTC:** 00:45

**Location:** Kabaigon Bay, ~100km W. of Thunder Bay

**Region:** Atikokan – Upsala – Quetico

**Classification:** Confirmed Tornado

**Category:** G

**Casualties:** None

**Track Length:** None Available

**Width:** None Available

**Motion:** None Available

**Damage Estimate:** None available

**F-Scale Rating:** F1

**Code:** TS

**Damage Survey:** None

**Spotter Reports:** None

**Other Documents:**

Severe weather log citing OPP reporting extensive damage to cottages and 2 tornado sightings.

Newspaper article reporting damage and re-iterating OPP's report.

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## **Tornado F-Scale Assessment**

Marci Vanhoucke

Tornado Data Production Assistant, Environment Canada

June 15<sup>th</sup>, 2005.

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**Classification:** Confirmed Tornado

**Date:** Tuesday, July 17<sup>th</sup>, 1990.

**Location:** Kabaigon Bay, Atikokan – Upsala – Quetico

**Assessment:** F1

**F-Code:** TS

**Explanation of Assessment:** There is a logged report of OPP reporting two tornadoes on the W. side of the city. They then reported extensive damage to cottages. Since the report states extensive damage done to cottages, this tornado is only being rated an F1, as the description past 'extensive' is unavailable.

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Month: July Year: 90

# SEVERE WEATHER LOG

DAY	LOCAL TIME		DETAILED DESCRIPTION	EVENT TIME	
	WATCHER ID			EVENT LOCALE	
✓ 17	1345		BAYVIEW & SHEPPARD to HIGH WINDS 80 KM/H WINDS. PEA SIZE HAIL / LIGHT RAIN.	1920 LCL	
✓ 17	2200		CHAM RADIO BARRIE ROAD REPORT FM BARRIE OPP OF "TWISTER" KENTY MATTER AND "TORNADO" IN BARRIE CONTACTED OPP BARRIE - DOWN - VERY STRONG WINDS - COULD NOT CONFIRM TORNADO. WG AVIATION FESIR CALLED AN. NORTH FESIR RE SIGMET - MENTIONED UNCONFIRMED TORNADO IN THUNDER BAY CONTACTED THUNDER BAY AND HE CONFIRMED THAT OPP (REPORTED) 2 TORNADO'S WEST OF CITY - EXTENSIVE DAMAGE TO COTTAGES BUT NO KNOWN CASUALTIES.	?	1900-1930 L.
✓ 17	2210			?	
✓ 18	20:18Z	343	high wind" upper wash beach / tree branch down / estimate wind speed 60 mph / just beginning to die down know	4:18 pm	
✓ 18	2255Z		from YQG / Ball park I sked / framed OLD res "fun occurred"	6:55 pm	

## DATA BASE SUMMARY

## FIELD REPORT

[illegible]

*Kailbigen Bay*

Environment Canada Environnement

... Prairie Weather Centre summer severe  
weather report

Date: 1990

QC 940.6 P72  
OTM

2060333C  
REF # 2

ARCHIVES

# The 1990 Prairie Weather Centre Summer Severe Weather Report

By Gerald D. Machnee

March 1991

ARCH  
QC  
940.6  
P72  
1990

Summer Severe Weather Events Log  
Confirmed Severe Thunderstorm Events

Province	Date	Time	Lat	Long	Location	Details
MAN	08/27/90	715	N	N	Just west of Snowflake.	willows stripped of leaves. Holes in cabbage and tomatoes large enough for thumb. One neighbouring farmer had 100 % hail damage on 15 quarters. Shingles damaged on roof. Ping Pong ball size hail reported. Observer Vivian Weekes phoned surrounding areas to obtain information and then passed it on to us. No idea of the duration of the event.
MAN	08/27/90	1430	N	N	Just west of Berens River.	Two "twisters" reported by locals. Initially over lake, moved south-southeastward onto shore. Travelled about 1/2 mile inland. Damage to outhouses in area. One 22' boat reported lifted and carried a short distance.
MAN	09/03/90	930	N	N	CRYSTAL CITY TO PEMBINA	UP TO GOLF BALL SIZE HAIL. FARMER WEST OF SNOWFLAKE LOST 1000 OF 1500 ACRES.
MAN	09/05/90	215	N	N	TWO MILES WEST OF SELKIRK. 500 FEET N OF #9 AND CALDER RD	SITE CHECKED BY G. MACHNEE. PAIL FACING NW ANCHORED WITH 150 LB WEIGHTS WAS LIFTED, FLIPPED OVER, THROWN SEWD 100 FT. ONE OF WEIGHTS THROWN ANOTHER 30 FT(CENTRIF. FORCE). VSBY WAS ZERO IN RAIN WHICH LASTED 10 MIN. THIS WAS LIKELY TSTM GUST.
ONT	05/27/90	1415	N	N	DRYDEN	WIND PICKED UP (DESTROYED) A TRUCK CAP AND CAMPER TRAILER. 1:15 TO 2:30 PM CDT. RON TURPIN OF KELLER ROAD.
ONT	06/01/90	1630	N	N	CNR Main Line east of Redditt.	The caller estimated rainfalls between 100 and 125 mm overnight. Three sections of CNR track were reported washed out.
ONT	06/05/90	1530	N	N	Devlin Ontario	Mr Bellamy reported 20 to 25 MM size hail along with heavy rain. Reported to G. Machnee.
ONT	06/25/90	1900	N	N	SHABAQUA	GOLF BALL SIZE HAIL AT 1900 EDT? HYDRO OUR. ALSO WX AT 2045 AND 2240 PM. THIRD EVENT AT 2240 PM VRIFIED BY WATCH.
ONT	06/25/90	1905	Y	N	Dryden	Special SA received from Dryden of 107 km/hr gusts and 5 mm hail.
ONT	06/29/90	1610	N	N	Barwick..Fort Francis	Roaring wind. Passed ease-southeastward. Jagged hail 5X2.5cm.
ONT	07/17/90	2044	Y	Y	30 km west of Shabagua	Funnel touched down for 0.5 km then lifted and touched down again in the Nelson Lake area. Severe property damage done to cottages along with vehicles. Both power and telephone lines down. Possible events in other locations.
ONT	07/22/90	1335	N	N	Kakabeka Falls	Hail diameters up to 20 mm reported in heavy thundershowers.

Summer Severe Weather Events Log  
Confirmed Severe Thunderstorm Events

ONT	07/22/90	1410	N	N	Rosslin Village (Hwy 130 near Candy Mountain Ski Resort)	Strong winds "almost lifting cars off road!"
ONT	08/03/90	1345	N	N	Devlin ( 20 km west of Fort Frances)	13 mm to 25 mm hail along with heavy rain.
ONT	08/27/90	1530	N	N	North of Thunder Bay.	Gusty winds were reported with large (?) hail. Trees were downed, with one damaging a snowblower.
ONT	08/27/90	1615	N	N	WILLARD LAKE, 40 KM EAST OF KENORA	TREES BLOWN ONTO TRUCK.
ONT	08/27/90	1715	N	N	EAGLE RIVER, ONT.	TEMPLE BAY LODGE (ROBERT AND PEG PALUCH) STRUCK BY POSSIBLE TORNADO AT 1715 PM (CDT?). UPROOTED SEVERAL TREES, DOWNED POWER LINES AND THREW A HALF DOZEN BOATS INTO THE AIR.
ONT	08/27/90	1830	Y	Y	Rosslin Lake	Strong winds, 12 mm hail, 10 mm of rain, and intense lightning reported in a short time span. Some trees downed.
ONT	08/27/90	1935	Y	Y	Raleigh (20 km W of Ignace)	3/4" (20 mm) hail reported for approximately 5 minutes.
ONT	08/27/90	2015	Y	Y	IGNACE	DAMAGE TO POWER LINES, TREES, 2 AIRCRAFT, POWER OUT.
ONT	09/11/90	1900	N	N	DEVLIN.	OPP reported tornado. 19.8 mm rain. Debris scattered. Wind over 100 kmh.
SASK	05/06/90	1850			Rockglen	25 MM HAIL IN EVENING. Call to weather watcher Richard Prefontaine. Reported gusts to 120 km/h. Visibility zero in blowing dust. Dry airmass. Scattered level 1,2 echoes, tops 8-9 km. YQR called in report to Dave Patrick. Golf ball sized hail reported north of the city. WIK radar showed nothing stronger than level 4 but quite a solid cell. Warning issued for vicinity Indian Head. Steady/heavy rain reported.
SASK	05/21/90	2100	N	N	19 km north of Regina	HIGHWAYS DEPT STORAGE SHED ROOF DAMAGED IN AFTERNOON.
SASK	05/25/90	8888	N	N	LEADER	DUST STORM.
SASK	05/25/90	8888	N	N	KINDERSLEY	WIND DAMAGE TO ROOF OF EXHIBITION STADIUM.
SASK	06/04/90	1925	Y	N	Melville Sask	Golf size hail reported with heavy rain.
SASK	06/10/90	1800	Y	N	29 km S of Mortlach	Trees were reported blown down and many branches felled. Local dugouts reached capacities for first time in 5 years. 24 hour precipitation 63.4 mm but most believed to have fallen in roughly one hour.
SASK	06/10/90	1905	Y	N	21 km S of Central Butte	Power outage reported in area. Trees broken and visibility near zero in heavy rain.
SASK	06/10/90	1925	Y	N	21 km south of Central Butte	Hail. House lost eavetroughs and soffits. Pole barn destroyed. 12 inch willows snapped off.