

0698511 ✓

TORNADO PROJECT SUMMARY SHEET

1. DATE AND TIME July 21 / 85 1640 EDT
2. LOCATION OR PATH
(attach map) Duin Lake
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
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 \$ 11. TOTAL DEATHS
12. TOTAL INJURED 13. TOTAL HOMELESS
14. LIST ALL REFERENCES
15. SUMMARIZE REMARKS PERTAINING TO (a) FUNNEL; (b) INTERESTING OR CAPRICIOUS EVENTS.

T.D. 174 88250

5431675.

STORM DATE SUNDAY JULY 21, 1985

A12/ THE TORONTO STAR. MONDAY, JULY 22, 1985 ★★

Tornado hits near Cochrane

COCHRANE (Special) — A small tornado ripped through an area about 10 kilometres (6 miles) west of here yesterday, damaging a house and three garages and tearing apart a \$20,000 aeroplane and a \$12,000 mobile home. No one was injured.

The twister then headed east, narrowly missing a senior citizens home and then northeastern along Kings Highway (Highway 11) taking apart the roof of one home and continuing on to Clute, where it destroyed another garage.

B-12

The Gazette, Montreal, Wednesday, July 24, 1985

Ontario hailstorm batters crops

NEW LISKEARD, Ont. (CP) — Owners of about 30 farms hit by a severe hailstorm that caused extensive damage want their properties declared a disaster area.

Damage from the storm, which cut a swath of destruction through a two-by-nine-kilometre area in the townships of Henwood, Kerns and Harley on Sunday, has been estimated at up to \$2 million.

The farmers met Monday in New Liskeard, about 60 km southwest of Kirkland Lake, with Dave Ramsay, agriculture critic for the New Democratic Party and local member of the Ontario legislature, and Conservative member of Parliament John MacDougall.

Agriculture Ministry official Neil Tarlton said most farmers whose crops were flattened by the storm's driving wind and hail are not covered by crop insurance.

They are concerned about meeting bank and

farm credit loan payments, he said.

In Picture Butte, Alta., about 130 km south-east of Calgary, a freak whirlwind lasting 10 to 15 seconds lifted the roof off one home and damaged three others Monday.

"I drove up and saw all these vehicles around and then I noticed the roof wasn't on my house," Don DesRoche said.

Residents said it was fortunate no one was injured. Children who are usually outdoors playing after dinner were inside.

Residents called the wind a tornado, but the weather office called it a "dust devil."

Much smaller than a tornado, a dust devil is a vicious whirlwind generally short in duration, said Norm Hoshizaki of the weather office.

It develops in hot, dry, clear weather when hot air undergoes rapid cooling as it reaches the lower atmosphere.

DAMAGING
DUST DEVIL

Storm Date
Mon July 22 1985

STORM

DATE

SUN JUL 21 '85

(also see
tornado near
Ochre, and
tornado near
Parry Sound)

07/24/85

06:26

MEDIASCAN/OTT.

NO. 003

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Forecasting will always be

flawed, weatherman tells post mortem

Date: JULY 23/85

Page: B1

Victoria

K12 (M) THE TIMES-COLON

Technology may enable the weatherman to make better forecasts but that doesn't mean technology will always make correct forecasts, Dr. Gary Wells, the head of the Pacific Weather Centre, said Monday.

There will always be freak encounters to contend with, like the vicious storm that struck the west coast of Vancouver Island last Oct. 12 and left six fishermen dead.

The weatherman had no way of anticipating such a violent storm, he said.

And he doubted the situation would be any different 20, 40 or 50 years from now.

"There are always going to be weather forecasts that are going to be

and fishermen at a seminar of the Canadian Meteorological and Oceanographic Society at the Institute of Ocean Sciences at Pat Bay.

In the same way, he said, "we are never going to eliminate deaths at sea . . . all we can do is try as much as we can to lessen the number."

The seminar was a discussion of the October storm and its aftermath.

Its speakers also included Dr. Paul LeBlond, the University of B.C. professor who headed a federal inquiry into the adequacy of the weather reporting services at the time, and Elgan Neish, a lifelong fisherman and secretary treasurer of the Victoria local of the United Fishermen and Allied Workers Union.

to the tragedy. Three days before the storm there was a problem with the atmospheric service's computer in Ontario. Then the next day the weather satellite's position was shifted further east and as a result the storm's progress across the Pacific couldn't be monitored as readily.

But it was the sudden way in which the storm developed that caught everyone off guard. No one could see it coming, until too late.

LeBlond's first recommendation in his final report to the Fisheries Minister was for more research into such phenomenal storms.

He also recommended much closer liaison between the fishermen and the

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