1) ORIGIN 2C 1.7594500 y.4801500

5 Standard Error SX 144R

2 LIFT-OFF X,

6 Shanderd Error Sy

- DAMAGE LENGTH $L = \left[(x, -x)^2 + (y-y,)^2 \right] / 2 \quad (8) \propto = \tan^{-1} |y-y|$ $3 + (4) \rightarrow r, \theta = ...$ $\boxed{x \leftrightarrow y} = ...$
- (9) Standard Error S_ = (Sx²+Sy²)1/2 (5)+(6) → r,0] = ...
- (10) $\beta = \frac{\tan^2 S_L}{L}$
 - $0+0 \Rightarrow r_{0} = x \leftrightarrow y = x \leftrightarrow y$
- NE Quad $\phi = 90-00$ SE quad $\phi = 90+00$ NW Quad $\phi = 270+00$ SW quad $\phi = 270-00$ (11) $\phi =$

JUY 18, 1981 1600 EST

MS 170

O.W.C ATTN C.KLAPONSKI

526-3333

Ini / QEW +1/2 mi east Brant St.

DAMAGE REPORT (18 JULY 1981 BTWN 1739 DST- 1745 DST. PAUL LEGALL OF SPECTATOR NEWSPAPER CALLED TO REPORT DOZENS OF LARGE TREES WERE SMACKED OF THEIR TRUNKS AND SOME COMPLETELY UPROOTED. SMALL FUNNEL CLD WAS SIGHTED ACCOMPANIED BY TSTM AND MARBLE SIZE HAIL. AREA BOUNDED BY HWY QEW AND HWY 25 (NORTH EAST BURLINGTON, NORTH OF QEW UPPER MIDDLE ROAD AND CAVINDISH DR). M. RAFIQUE HAMILTON W.O

Funnel swooped down 637-3875.

Sharon miller, of Cavendiel DC.
neighteur.
Joan Thomas. " 30 cm maple knecked over.
Cavendiel woods, Townhouse Development.

1821 YXU SA 2100 E30 BKN 220 BKN 10 146/27/20/1204/997/TCU6CI CB ASOCTD SE 611 786687=

YXU SA 2200 E30 BKN 220 BKN 8 143/28/20/1907/997/TCU6 CI2= YXU RS 2300 30 BKN 7T 142/25/19/1807/996/TCU9 CB W APCHG FUNNEL CLD RPTD PARKHILL AREA PST HR ?4499?=

1822 YXU 182311 30 SCT 100 SCT /BKN 6H OCNL C30 BKN 100 OVC 2TRW-F RISK TIL 03Z C8 OVC 1/2TRW+AF

Rain, wind pound area on weekend

Spectator Staff

THE AREA took a beating over the weekend as summer thunderstorms roared through Saturday night and early yesterday.

A break is expected tomorrow — the weather office predicts sunny skies, less humidity and northerly winds.

The storm strapped trees like twigs, tossed boats like corks, fitpped camping trailers, and left parts of Hamilton in the dark as high winds, rain and lightning wrought havoc.

Blackouts

Three residential areas had power failures Saturday night — the Beach Strip, the west Mountain and the west end — as lightning struck transformers, hydro poles and wires.

Burlington, Dundas and Stoney Creek also reported blackouts in isolated spots.

In Hamilton, lightning set off a barrage of bells and buzzers as security alarms were tripped. Fire-fighters were called out to douse several small blazes on hydro poles struck by bolts.

Four trailers, one a house trailer, were flipped over and some tents were blown down by gusting winds that hit Confederation Park about 5:30 p.m. But injuries were confined to scrapes and bruises.

A spokesman for the

Hamilton Weather Office said the gusts at one point reached 50 mph (80 km/h).

Campers at the park said hailstones the size of 25 cent pieces pounded the area just after the wind gusts and before the rain poured down

Fifteen trees, some ripped up by the roots, were knocked down along the beach strip, and garbage, branches and large steel garbage drums scattered by the wind littered both sides of Beach Boulevard.

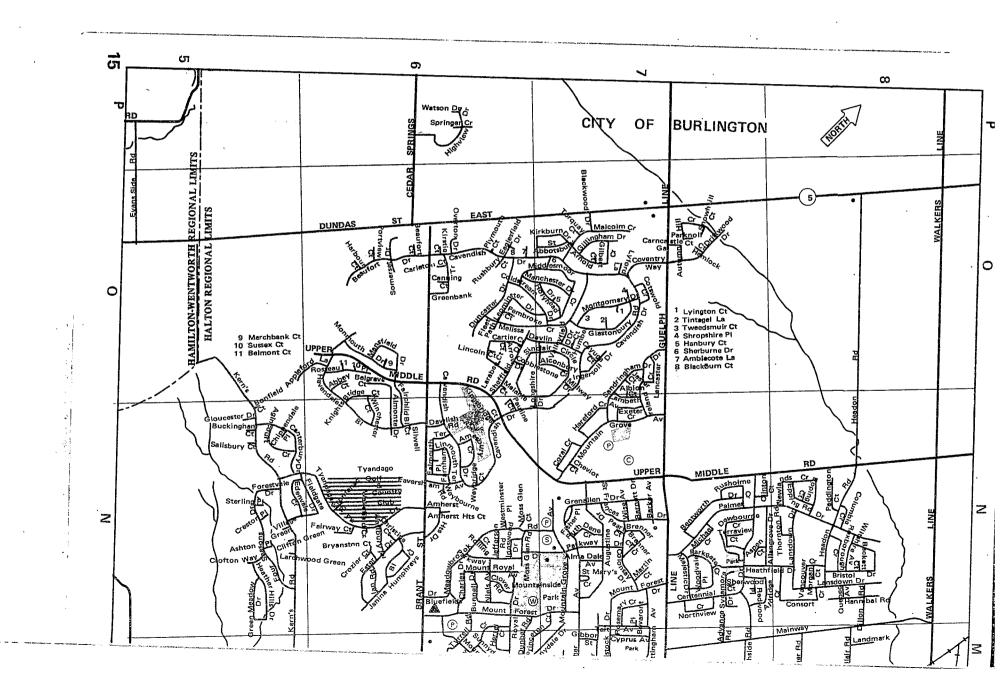
In Burlington above the QEW, residents scurried for cover as trees toppled and homes rattled in highwinds. On the lake, a dozen boats were washed ashore at Confederation Park and others in the canal and harbor were overturned.

Heavy rains made for dangerous driving at times. Police chalked up half a dozen accidents to the storm but no major injuries were reported.

About 1½ inches (34 millimetres) of rain was dumped on Hamilton during two squall periods, from 8 to 9 p.m. and midnight to 2 a.m., said a spokesman for the Hamilton Weather Office.

The police spokesman said many homeowners reported flooded basements.

- Campers, page 7
- Tornado, page 11 __



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