

TORNADO PROJECT SUMMARY SHEET

F=0

ONT

1. DATE AND TIME 28 MAY 82 1455-1520 EST

2. LOCATION OR PATH (attach map) DOBBINTON 0698204

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

4. PATH WIDTH 30-60m 5. TORNADO PART OF SQUALL LINE? ☒ YES; ☐ NO; ☐ UNKNOWN: ^{OCCUSION}

6. ANY UNUSUAL COLORATION? ☐ YES; ☒ NO; ☐ UNKNOWN

7. ANY UNUSUAL SOUND? ☒ YES; ☐ NO; ☐ UNKNOWN

8. IF ANSWER TO 6 OR 7 YES, ELABORATE;

SOUND OF STEEL SHED TUMBLING... 1 KM DISTANT

9. LIST ANY ASSOCIATED PHENOMENA (Such as hail, vivid lightning heavy rain, no rain, etc.) HEAVY RAIN BEFORE FUNNEL - ONE WITNESS SAW HAIL

10. TOTAL DAMAGE ESTIMATE \$ 100-2000 11. TOTAL DEATHS NONE

12. TOTAL INJURED NONE 13. TOTAL HOMELESS NONE

14. LIST ALL REFERENCES SEE TORNADO SURVEY FORMS 1 TO 13 AND SCRATCH SHEETS. SEE RADAR, SATELLITE, TEPHI MAPS ETC IN BROWN ENVELOPE.

15. SUMMARIZE REMARKS PERTAINING TO (a) FUNNEL; (b) INTERESTING OR CAPRICIOUS EVENTS. (THE "#" REFERS TO "TORNADO SURVEY FORM")

FUNNEL WAS OBSERVED BY MANY DOZENS OF PEOPLE. MOST WERE IN SCHOOL BUSES COMING HOME FROM CHESLEY. TWO WERE TEACHERS - ONLY TWO PEOPLE PHONED THE AUTHORITIES - MRS BRIDGE (SEE SCRATCH SHEET AND MR HEARD (SURVEY FORM # 11).

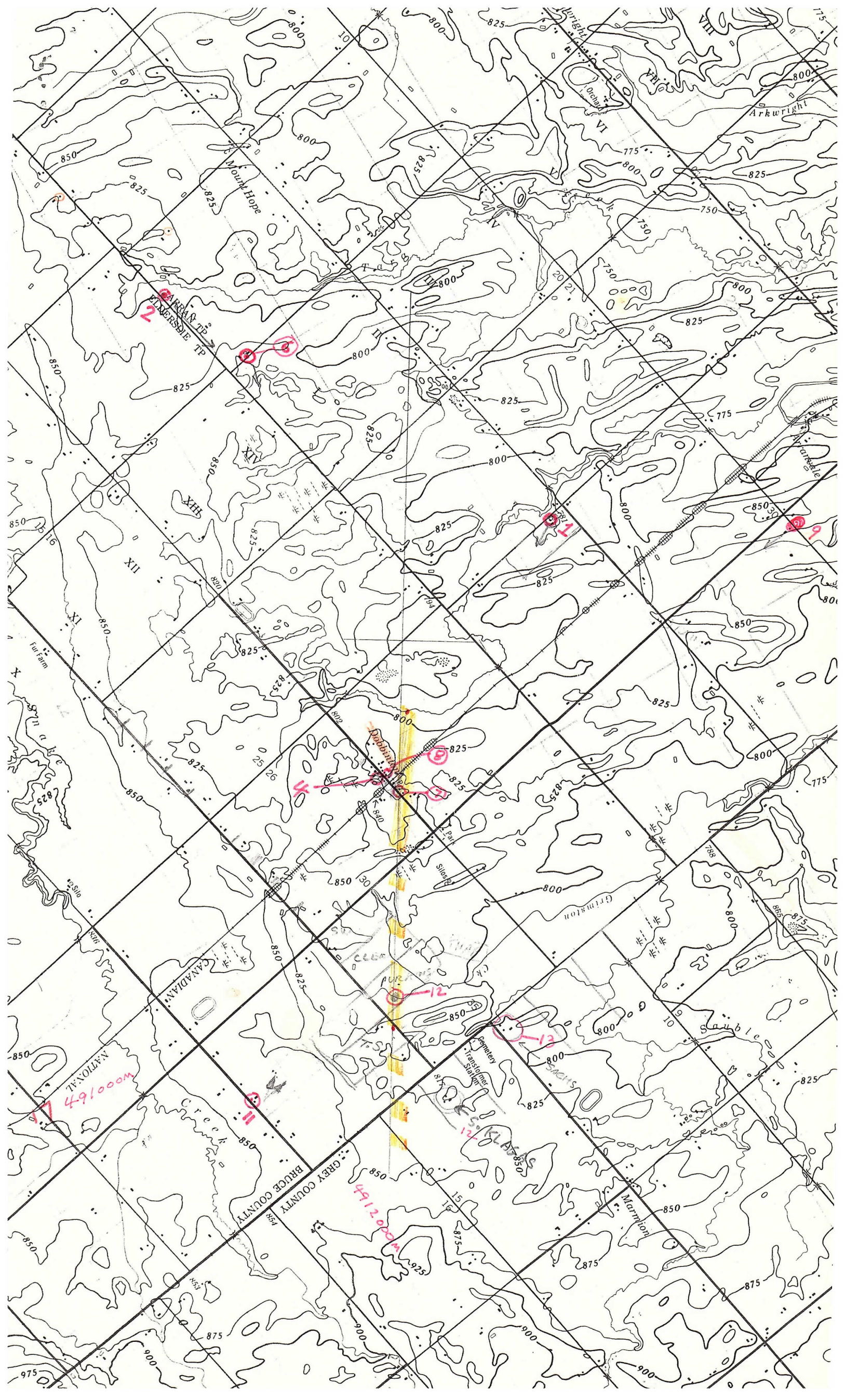
PHOTOS WERE TAKEN FROM 3 SEPARATE LOCATIONS. THOUGH PROMISED, NONE HAVE BEEN DELIVERED TO US YET. PHOTOS CONSIST OF 2 SETS OF STILLS & ONE MOVIE (#10)

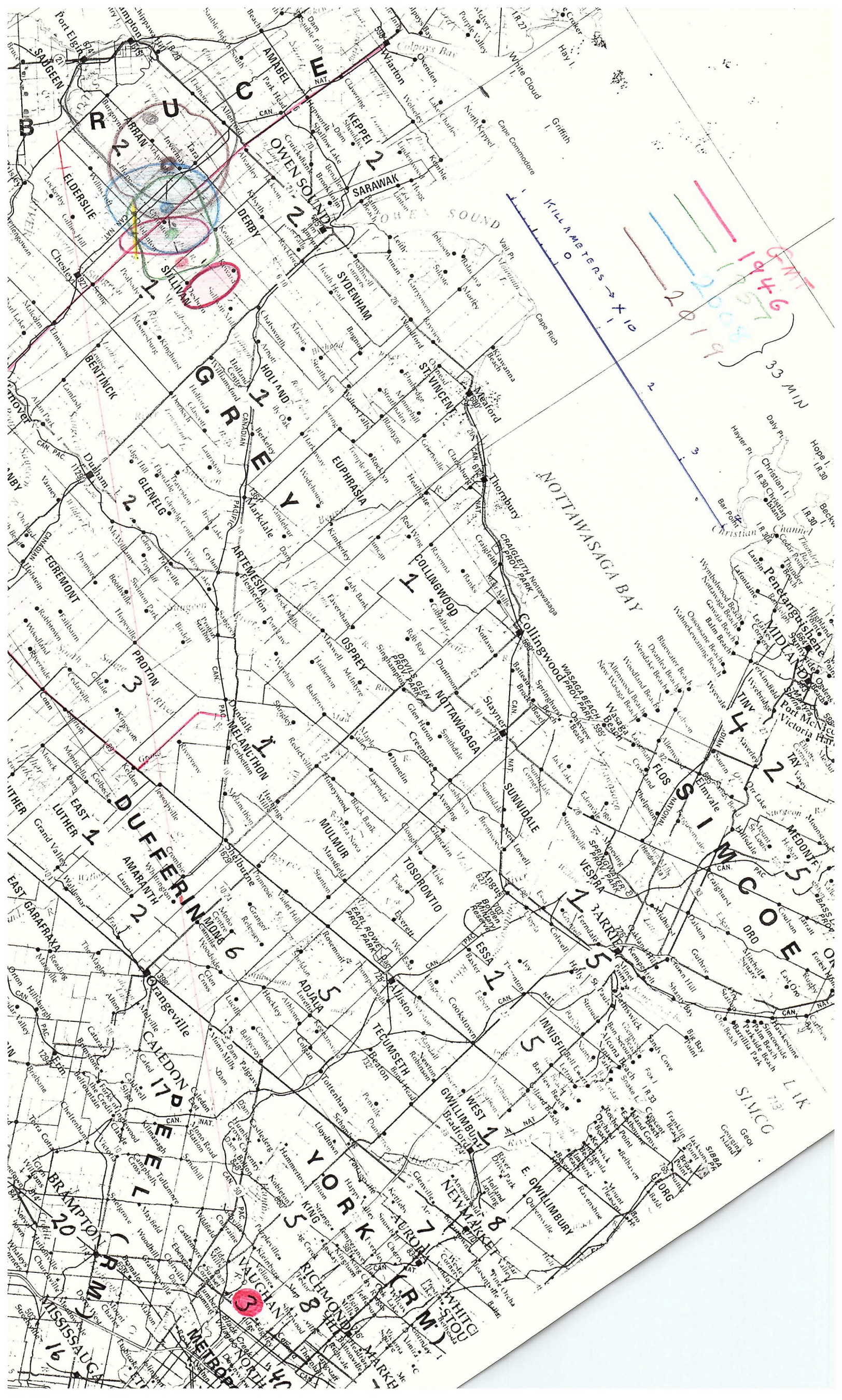
NO PERSON MENTIONED UNDUCE NOISE FROM THE FUNNEL BUT ONE PARTY HEARD A STEEL SHED TUMBLING AT A DISTANCE OF ONE KM (#13).

BOB MILLER (#8) WATCHED THROUGH BINOCULARS. HE WAS VERY SURPRISED AT THE RAPID UPWARD MOTION OF MATERIAL IN THE FUNNEL. HE NOTICED A ^{TWIN} WHITE CORE SURROUNDED BY DARKER MATERIAL.

T.D. 17488775
4915710

L.O. 17491825
4913700





$$\begin{array}{r} 60 \\ 46 \\ \hline 14 \\ 19 \\ \hline 33 \text{ MIN} \end{array}$$

$$\begin{array}{r} 2900 \\ 1500 \\ 2950 \\ \hline 7780 \end{array}$$

$$\begin{array}{r} 240 \\ 121 \\ \hline 361 \\ 200 \\ \hline 701 \\ 150 \\ \hline 911 \end{array}$$

$$\begin{array}{r} 65 \\ 95 \\ \hline 1 \end{array}$$

FUNNEL CLOUD OF
28 MAY 82

WOODBRIDGE RADAR 1.5 KM

- 1918Z NO ECHO
- 1946 TWO CCHOS. POORLY DEFINED
- 1957 ONE WELL DEFINED
- 2008 ONE WELL DEFINED
- 2019 ONE WELL DEFINED
- 2030 ADJOINING CELLS MERGED.

$$\text{RATIO } \frac{4.7 \text{ cm. RADAR}}{18.6 \text{ cm. MAP.}}$$

$$\frac{18.6}{4.7} = 3.96$$

$$\begin{array}{r} 2.96 \\ 4 \\ \hline 11.40 \end{array}$$

$$\begin{array}{r} 2.3 \\ 4 \\ \hline 9.2 \end{array}$$

$$\begin{array}{r} \times 3.96 \\ 2.4 = 9.6 \end{array}$$

$$\begin{array}{r} 1.25 \\ 4 \\ \hline 5.0 \end{array}$$

$$\begin{array}{r} 1.55 \\ 4 \\ \hline 6.2 \end{array}$$

$$4 \times 1.5 = 2$$

$$\begin{array}{r} 1.35 \\ 4 \\ \hline 5.4 \end{array}$$

$$\begin{array}{r} 1.6 \\ 4 \\ \hline 6.4 \end{array}$$

$$\begin{array}{r} 2.9 \\ 4 \\ \hline 11.6 \end{array}$$

$$\begin{array}{r} 2.4 \\ 4 \\ \hline 9.6 \end{array}$$

$$\begin{array}{r} 2.76 \\ 4 \\ \hline 11.04 \end{array}$$

25 June 1982

The Woodbridge Radar - 851-2370

TIME
(MIN)

4 { the time appearing on the fax is the start of a
10 second scan.
There are 24 scans --- lasting 4 min.

each scan = 10 sec = $+\frac{1}{12}$ of 10 min. (30° time wait for the
antenna to lift)

2 then follows 2 min of computer calculation.

8 Eight minutes to transmit the 3 panel fax chart.

14 Total time to finish is 14 minutes.

- the beam width is 1 degree.

THE SCANS

<u>SCAN #</u>	<u>ELEVATION (DEG)</u>
1	0.26
2	0.50
3	0.70
4	0.90
5	1.10
6	1.40
\vdots	\vdots

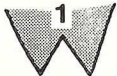




Each data scan lasts 10 sec - but there is a
 30° ($\frac{10}{12}$ of seconds) wait between each data scan
for lifting the antenna to the next scan
elevation.

24 data scans last $\left(240 \text{ sec} + 240 \times \frac{10}{12}\right) = 260 \text{ seconds.}$

Beam width at 130 km = 2.26 km.

TORNADO SURVEY FORM

NAME OF INVESTIGATOR GERRY WOLFE		INVESTIGATOR'S PHONE 594-4715		DATE OF INVESTIGATION 5 JUNE 82		LOCATION NUMBER 1	
INVESTIGATOR'S ADDRESS RR#1, BOLTON ONT, L0P 1A0		PERSONAL SURVEY <input type="checkbox"/> TELEPHONE INTERVIEW <input type="checkbox"/>		UTM ZONE 17		EASTING	
						NORTHING	

- | | | |
|-----|---|--|
| 1. | NAME(S) OF PERSON(S) INTERVIEWED
LINDA WOLFE | |
| 2. | ADDRESS (NOT RR#) OF THIS LOCATION
LOT 26 CON 2
Lot Con. Twp. Co. or # Street, Town, Prov. or Section, Township, Range, Meridian | |
| 3. | PHONE NUMBER OF PERSON INTERVIEWED
Area Code 519 Number 934-2284 | |
| 4. | (a) TIME AND DATE OF THE EVENT AT THIS LOCATION
4 AM Standard Time, Time Zone 1500 Day 28 Month MAY Year 92
(b) HOW WAS THE TIME DETERMINED (STOPPED CLOCK, POWER FAILURE, MEMORY, A TIME-FIXING EVENT ETC.)
OK | |
| 5. | (a) FUNNEL SEEN
Y or N
(b) FUNNEL TYPE (CIRCLE)
WENT
LOOKING SSB
HOT CALM BEFORE
 1 Multiple
 2 Smoke-like
 3 Columnar
 4 Cone
 5 Rope-like
6 Unknown
7 Other
(c) IF MULTIPLE, HOW MANY?
(d) FROM WHICH DIRECTION?
SSEW (NOT MOVING)! | |
| 6. | UNUSUAL NOISE?
Y or N IF YES, DESCRIBE | |
| 7. | UNUSUAL SKY COLOUR?
Y or N IF YES, DESCRIBE | |
| 8. | (a) HAIL?
Y or N
(b) DID HAIL PRECEDE <input type="checkbox"/> AND/OR FOLLOW <input type="checkbox"/> THE TORNADO?
(c) HAIL SIZE (CIRCLE)
PEA GRAPE WALNUT GOLF BALL
TENNIS BALL OTHER UNKNOWN OR DIAMETER (mm) | |
| 9. | (a) RAIN, HOW MUCH?
AFTER (HUY)
(b) DID THE RAIN FALL BEFORE <input type="checkbox"/> AND/OR AFTER <input checked="" type="checkbox"/> THE TORNADO, AT THE TIME OF <input type="checkbox"/> NONE <input type="checkbox"/> | |
| 10. | (a) NUMBER OF HUMAN FATALITIES
(b) NUMBER OF ANIMAL FATALITIES
(c) NUMBER OF HUMAN INJURIES
(d) NUMBER OF ANIMAL INJURIES | |
| 11. | (a) ARE PHOTOS AVAILABLE? (TAKEN EITHER BY PERSON INTERVIEWED OR ACQUAINTANCES)
Y or N
(b) IF YES, GIVE NAMES AND ADDRESSES WHERE THEY ARE AVAILABLE | |








15.

General comments

SAW IT TO THE SSE. IT DID NOT
APPEAR TO BE MOVING - IT WAS ROTATING
ABOUT ITS OWN AXIS - SHE DIDN'T KNOW WHICH
WAY THE ROTATION WAS.

TORNADO SURVEY FORM

NAME OF INVESTIGATOR GERRY WOLFE	INVESTIGATOR'S PHONE 416 594-4715	DATE OF INVESTIGATION 5 JUNE 82	LOCATION NUMBER 2
INVESTIGATOR'S ADDRESS RR#1, BOLTON ONT, L0P 1A0	PERSONAL SURVEY <input type="checkbox"/> TELEPHONE INTERVIEW <input checked="" type="checkbox"/>	UTM ZONE 17	EASTING NORTHING

1.	NAME(S) OF PERSON(S) INTERVIEWED DOUG WOLFE
2.	ADDRESS (NOT RR#) OF THIS LOCATION LOT 12 CON 1 ARRAH <small>Lot Con. Twp. Co. or # Street, Town, Prov. or Section, Township, Range, Meridian</small>
3.	PHONE NUMBER OF PERSON INTERVIEWED <div style="text-align: right;">Area Code 519 Number 934-2284</div>
4.	(a) TIME AND DATE OF THE EVENT AT THIS LOCATION 4-4-10 1500-1510 <small>Standard Time, Time Zone Day Month Year</small>
	(b) HOW WAS THE TIME DETERMINED (STOPPED CLOCK, POWER FAILURE, MEMORY, A TIME-FIXING EVENT ETC.) HOUSE CLOCK
5.	(a) FUNNEL SEEN Y or N WAS STRETCHING DOWN ROAD.
	(b) FUNNEL TYPE (CIRCLE) <div style="display: flex; justify-content: space-around; align-items: flex-end;"> <div style="text-align: center;">  1 Multiple </div> <div style="text-align: center;">  2 Smoke-like </div> <div style="text-align: center;">  3 Columnar </div> <div style="text-align: center;">  4 Cone </div> <div style="text-align: center;">  5 Rope-like </div> <div style="text-align: center;">  6 Unknown </div> <div style="text-align: center;">  7 Other </div> </div> <p style="margin-top: 10px;">P16 BLUE CLO AT N END S. END OF CLOUD STRETCHED OUT BEHIND NO NOTION SEEN</p>
	(c) IF MULTIPLE, HOW MANY? (d) FROM WHICH DIRECTION?
6.	UNUSUAL NOISE? Y or N IF YES, DESCRIBE
7.	UNUSUAL SKY COLOUR? Y or N IF YES, DESCRIBE DK BLUE CLO
8.	(a) HAIL? Y or N (b) DID HAIL PRECEDE <input type="checkbox"/> AND/OR FOLLOW <input type="checkbox"/> THE TORNADO?
	(c) HAIL SIZE (CIRCLE) <div style="display: flex; justify-content: space-around;"> <div>PEA</div> <div>GRAPE</div> <div>WALNUT</div> <div>GOLF BALL</div> </div> <div style="display: flex; justify-content: space-around; margin-top: 5px;"> <div>TENNIS BALL</div> <div>OTHER</div> <div>UNKNOWN</div> <div>OR DIAMETER (mm)</div> </div>
9.	(a) RAIN, HOW MUCH? NO RAIN AFTER (b) DID THE RAIN FALL BEFORE <input type="checkbox"/> AND/OR AFTER <input checked="" type="checkbox"/> THE TORNADO, AT THE TIME OF <input type="checkbox"/> NONE <input type="checkbox"/>
10.	(a) NUMBER OF HUMAN FATALITIES 2 (b) NUMBER OF ANIMAL FATALITIES 1
	(c) NUMBER OF HUMAN INJURIES 2 (d) NUMBER OF ANIMAL INJURIES 1
11.	(a) ARE PHOTOS AVAILABLE? (TAKEN EITHER BY PERSON INTERVIEWED OR ACQUAINTANCES) Y or N (b) IF YES, GIVE NAMES AND ADDRESSES WHERE THEY ARE AVAILABLE





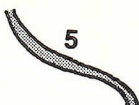
15.

General comments

HE WAS DRIVING EAST FROM HIS FATHERS
DRIVE WAY (24:15-30)⁴ AND SAW FUNNEL STRAIGHT AHEAD
DOWN THE ROAD. IT APPEARED TO BE SEVERAL MILES AWAY.
IT WAS LONG AND HUNG DOWN AND BACK (TO
THE SOUTH) FROM A LARGE DARK BLUE CLOUD.

TORNADO SURVEY FORM

NAME OF INVESTIGATOR GERRY WOLFE	INVESTIGATOR'S PHONE 594-4715	DATE OF INVESTIGATION 5 JUNE 82	LOCATION NUMBER 3
INVESTIGATOR'S ADDRESS RR#1, BOLTON, ONT, L0P1A0	PERSONAL SURVEY <input type="checkbox"/> TELEPHONE INTERVIEW <input checked="" type="checkbox"/>	UTM ZONE 17	EASTING NORTHING

1.	NAME(S) OF PERSON(S) INTERVIEWED TED SWEIGER (COULD NOT REACH THIS PERSON)
2.	ADDRESS (NOT RR#) OF THIS LOCATION <small>Lot Con. Twp. Co. or # Street, Town, Prov. or Section, Township, Range, Meridian</small>
3.	PHONE NUMBER OF PERSON INTERVIEWED <div style="display: flex; justify-content: space-around;"> 519 <small>Area Code</small> 519 <small>Number</small> 363-5724 </div>
4.	(a) TIME AND DATE OF THE EVENT AT THIS LOCATION <small>Standard Time, Time Zone</small> <div style="display: flex; justify-content: space-between;"> Day 28 Month MAY Year 82 </div>
	(b) HOW WAS THE TIME DETERMINED (STOPPED CLOCK, POWER FAILURE, MEMORY, A TIME-FIXING EVENT ETC.) JACK 6874
5.	(a) FUNNEL SEEN <div style="text-align: center; font-weight: bold; font-size: 1.2em;">Y or N</div>
	(b) FUNNEL TYPE (CIRCLE) <div style="display: flex; justify-content: space-around; align-items: flex-end; text-align: center;"> <div>  1 <small>Multiple</small> </div> <div>  2 <small>Smoke-like</small> </div> <div>  3 <small>Columnar</small> </div> <div>  4 <small>Cone</small> </div> <div>  5 <small>Rope-like</small> </div> <div> 6 <small>Unknown</small> </div> <div> 7 <small>Other</small> </div> </div>
	<div style="display: flex; justify-content: space-between;"> (c) IF MULTIPLE, HOW MANY? (d) FROM WHICH DIRECTION? </div>
6.	UNUSUAL NOISE? <div style="text-align: center; font-weight: bold; font-size: 1.2em;">Y or N</div> IF YES, DESCRIBE
7.	UNUSUAL SKY COLOUR? <div style="text-align: center; font-weight: bold; font-size: 1.2em;">Y or N</div> IF YES, DESCRIBE
8.	<div style="display: flex; justify-content: space-between;"> <div> (a) HAIL? <div style="text-align: center; font-weight: bold; font-size: 1.2em;">Y or N</div> </div> <div> (b) DID HAIL PRECEDE <input type="checkbox"/> AND/OR FOLLOW <input type="checkbox"/> THE TORNADO? </div> </div>
	(c) HAIL SIZE (CIRCLE) <div style="display: flex; justify-content: space-around; text-align: center;"> <div>PEA</div> <div>GRAPE</div> <div>WALNUT</div> <div>GOLF BALL</div> </div> <div style="display: flex; justify-content: space-around; text-align: center;"> <div>TENNIS BALL</div> <div>OTHER</div> <div>UNKNOWN</div> <div>OR DIAMETER (mm)</div> </div>
9.	<div style="display: flex; justify-content: space-between;"> <div> (a) RAIN, HOW MUCH? </div> <div> (b) DID THE RAIN FALL BEFORE <input type="checkbox"/> AND/OR AFTER <input type="checkbox"/> THE TORNADO, AT THE TIME OF <input type="checkbox"/> NONE <input type="checkbox"/> </div> </div>
10.	<div style="display: flex; justify-content: space-between;"> <div> (a) NUMBER OF HUMAN FATALITIES </div> <div> (b) NUMBER OF ANIMAL FATALITIES </div> </div>
	<div style="display: flex; justify-content: space-between;"> <div> (c) NUMBER OF HUMAN INJURIES </div> <div> (d) NUMBER OF ANIMAL INJURIES </div> </div>
11.	<div style="display: flex; justify-content: space-between;"> <div> (a) ARE PHOTOS AVAILABLE? (TAKEN EITHER BY PERSON INTERVIEWED OR ACQUAINTANCES) <div style="text-align: center; font-weight: bold; font-size: 1.2em;">Y or N</div> </div> <div> (b) IF YES, GIVE NAMES AND ADDRESSES WHERE THEY ARE AVAILABLE </div> </div>

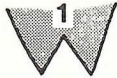



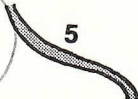
15.

General comments

TURNED A SMALL GARAGE OVER-

TORNADO SURVEY FORM

NAME OF INVESTIGATOR GERRY WOLFE	INVESTIGATOR'S PHONE 594-4715	DATE OF INVESTIGATION 5 JUNE 82	LOCATION NUMBER 4
INVESTIGATOR'S ADDRESS RR#1, BOLTON, ONT L0P1A0	PERSONAL SURVEY <input type="checkbox"/> TELEPHONE INTERVIEW <input checked="" type="checkbox"/>	UTM ZONE 17	EASTING NORTHING

1.	NAME(S) OF PERSON(S) INTERVIEWED ROSS DUDGEON - OF DOBBINGTON
2.	ADDRESS (NOT RR#) OF THIS LOCATION (100 YD W OF R.R. ON S. SIDE) LOT 28 CON 12 <small>Lot Con. Twp. Co. or # Street, Town, Prov. or Section, Township, Range, Meridian</small>
3.	PHONE NUMBER OF PERSON INTERVIEWED Area Code 519 Number 363-5485
4.	(a) TIME AND DATE OF THE EVENT AT THIS LOCATION 4:15 PM (GUY WOLF) 1515 <small>Standard Time, Time Zone Day Month Year</small> (b) HOW WAS THE TIME DETERMINED (STOPPED CLOCK, POWER FAILURE, MEMORY, A TIME-FIXING EVENT ETC.) KIDS HOME
5.	(a) FUNNEL SEEN Y or N (b) FUNNEL TYPE (CIRCLE) <div style="display: flex; justify-content: space-around; align-items: flex-end;"> <div style="text-align: center;">  1 Multiple </div> <div style="text-align: center;">  2 Smoke-like </div> <div style="text-align: center;">  3 Columnar </div> <div style="text-align: center;">  4 Cone </div> <div style="text-align: center;">  5 Rope-like </div> <div style="text-align: center;"> 6 Unknown </div> <div style="text-align: center;"> 7 Other </div> </div> <p>(c) IF MULTIPLE, HOW MANY? (d) FROM WHICH DIRECTION? SE</p>
6.	UNUSUAL NOISE? Y or N IF YES, DESCRIBE LITTLE
7.	UNUSUAL SKY COLOUR? Y or N IF YES, DESCRIBE BLACK
8.	(a) HAIL? Y or N (b) DID HAIL PRECEDE <input type="checkbox"/> AND/OR FOLLOW <input type="checkbox"/> THE TORNADO? (c) HAIL SIZE (CIRCLE) <div style="display: flex; justify-content: space-around;"> <div>PEA</div> <div>GRAPE</div> <div>WALNUT</div> <div>GOLF BALL</div> </div> <div style="display: flex; justify-content: space-around;"> <div>TENNIS BALL</div> <div>OTHER</div> <div>UNKNOWN</div> <div>OR DIAMETER (mm)</div> </div>
9.	(a) RAIN, HOW MUCH? RAIN JUST BEFORE (b) DID THE RAIN FALL BEFORE <input checked="" type="checkbox"/> AND/OR AFTER <input type="checkbox"/> THE TORNADO, AT THE TIME OF <input type="checkbox"/> NONE <input type="checkbox"/>
10.	(a) NUMBER OF HUMAN FATALITIES (b) NUMBER OF ANIMAL FATALITIES (c) NUMBER OF HUMAN INJURIES (d) NUMBER OF ANIMAL INJURIES
11.	(a) ARE PHOTOS AVAILABLE? (TAKEN EITHER BY PERSON INTERVIEWED OR ACQUAINTANCES) Y or N (b) IF YES, GIVE NAMES AND ADDRESSES WHERE THEY ARE AVAILABLE BOB MILLER

15.

General comments

ROSS WATCHED FUNNEL FOR SEVERAL MINUTES - (WAS DRIVING HOME FROM SCHOOL) . DROVE AT LEAST 3 MILES (MAYBE AS MUCH AS 10-15 MI) WITH IT IN SIGHT. HE HAD TIME TO TURN CAR AROUND AND PARK IT BY HOUSE, THEN GET OUT AND WATCH IT FOR A MIN OR TWO.

KIDS WERE HOME ON BUS FROM SCHOOL FOR SEVERAL MIN AND HAD BEEN WATCHING IT. WIND AT ROSSE'S HOUSE WAS QUITE CALM BUT TREES 100 YD TO EAST BY P.O. WERE THRASHING AROUND.

A MRS RICK TENNEY HAD SCREEN BLOWN FROM DOOR OR WINDOW. WIND CARRIED PIECE OF TIN INTO AIR AND WHIRLED IT AROUND. HIS BEST ESTIMATE OF TIME WAS 2:4:15 PM EDT.

HE ALSO SAID HEAVY RAIN PRECEDED THE FUNNEL

TORNADO SURVEY FORM

NAME OF INVESTIGATOR <i>GERRY WOLFE</i>	INVESTIGATOR'S PHONE <i>594-4715</i>	DATE OF INVESTIGATION <i>5 JUNE 82</i>	LOCATION NUMBER <i>5</i>
INVESTIGATOR'S ADDRESS <i>RR#1, BOLTON ONT</i>	PERSONAL SURVEY <input type="checkbox"/> TELEPHONE INTERVIEW <input type="checkbox"/>	UTM ZONE <i>17</i>	EASTING NORTHING

1. NAME(S) OF PERSON(S) INTERVIEWED
HARVEY MONKMAN
(MARLENE)
2. ADDRESS (NOT RR#) OF THIS LOCATION
TARA CHESLEY RD HEADING SOUTH
NEAR DORRINGTON ONT
Lot Con. Twp. Co. or # Street, Town, Prov. or Section, Township, Range, Meridian
3. PHONE NUMBER OF PERSON INTERVIEWED


Area Code *519* Number *934-2175*
4. (a) TIME AND DATE OF THE EVENT AT THIS LOCATION


Standard Time, Time Zone *15:30* Day *28* Month Year


 (b) HOW WAS THE TIME DETERMINED (STOPPED CLOCK, POWER FAILURE, MEMORY, A TIME-FIXING EVENT ETC.)
5. (a) FUNNEL SEEN


Y or N


 (b) FUNNEL TYPE (CIRCLE)
HARVEY SAW BLACK V DOWN FM CLOUD - ABV GROUND


1
 Multiple


2
 Smoke-like


3
 Columnar


4
 Cone


5
 Rope-like

6
 Unknown

7
 Other

 (c) IF MULTIPLE, HOW MANY?

 (d) FROM WHICH DIRECTION?
6. UNUSUAL NOISE?

Y or N

 IF YES, DESCRIBE
DRIVING - ROSEBUD HUSBAND.
7. UNUSUAL SKY COLOUR?

Y or N

 IF YES, DESCRIBE
8. (a) HAIL?

Y or N

 (b) DID HAIL PRECEDE ☐ AND/OR FOLLOW ☐ THE TORNADO?
 (c) HAIL SIZE (CIRCLE)

PEA

GRAPE

WALNUT

GOLF BALL

TENNIS BALL

OTHER

UNKNOWN

OR DIAMETER (mm)
9. (a) RAIN, HOW MUCH?
VERY HEAVY
 (b) DID THE RAIN FALL BEFORE ☐ AND/OR AFTER ☐ THE TORNADO, AT THE TIME OF ☐ NONE ☐
DURING
10. (a) NUMBER OF HUMAN FATALITIES
 (b) NUMBER OF ANIMAL FATALITIES
 (c) NUMBER OF HUMAN INJURIES
 (d) NUMBER OF ANIMAL INJURIES
11. (a) ARE PHOTOS AVAILABLE? (TAKEN EITHER BY PERSON INTERVIEWED OR ACQUAINTANCES)

Y or N

 (b) IF YES, GIVE NAMES AND ADDRESSES WHERE THEY ARE AVAILABLE

15.

General comments

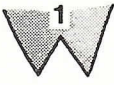


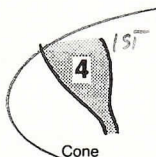
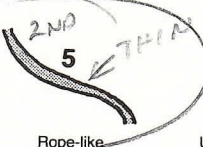


WIFE: MARLENE. SHE WAS DRIVING FROM HOME
(LOT 22 CON 2) TO CHESLEY, (PASSED HUSBAND-HARVEY
ON CONS RD - WAS RAINING VERY HARD AS THEY PASSED).
SHE ^{SAW} FUNNEL AHEAD AND TO RIGHT AS SHE WAS
DRIVING SOUTH ON TARA-CHESLEY ROAD. (NOT SURE
WHERE SHE WAS AT TIME) IN CHESLEY
SHE OVERHEARD SOMEONE IN A STORE SAYING
THE FUNNEL APPEARED TO BE OVER DESBORO.

HUSBAND-HARVEY:

^{SAW} FIRST N OF TARA DRIVING SOUTH FROM OWEN SOUND WITH
ROSS DUDGEON. HE WATCHED IT UNTIL HE TURNED WEST
ON 2ND OF ARRAN

TORNADO SURVEY FORM

NAME OF INVESTIGATOR GERRY WOLFE	INVESTIGATOR'S PHONE 416 594-4785	DATE OF INVESTIGATION 11 JUNE 82	LOCATION NUMBER 6
INVESTIGATOR'S ADDRESS RR#1, BOLTON ONT, L0P1A0	PERSONAL SURVEY <input type="checkbox"/> TELEPHONE INTERVIEW <input checked="" type="checkbox"/>	UTM ZONE 17	EASTING NORTHING

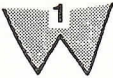




1.	NAME(S) OF PERSON(S) INTERVIEWED BILL WOLFE
2.	ADDRESS (NOT RR#) OF THIS LOCATION <div style="text-align: right; font-size: small;">Lot Con. Twp. Co. or # Street, Town, Prov. or Section, Township, Range, Meridian</div>
3.	PHONE NUMBER OF PERSON INTERVIEWED <div style="text-align: right;">Area Code 519 Number 934 2187</div>
4.	(a) TIME AND DATE OF THE EVENT AT THIS LOCATION NOT SURE - 3 TO 5 PM Standard Time, Time Zone Day 28 Month MAY Year 82 (b) HOW WAS THE TIME DETERMINED (STOPPED CLOCK, POWER FAILURE, MEMORY, A TIME-FIXING EVENT ETC.)
5.	(a) FUNNEL SEEN Y or N (COULD DETECT NO MOTION DIR: ESE WATCHED FOR 5-10 MIN) (b) FUNNEL TYPE (CIRCLE) <div style="display: flex; justify-content: space-around; align-items: flex-end;"> <div style="text-align: center;">  Multiple </div> <div style="text-align: center;">  Smoke-like </div> <div style="text-align: center;">  Columnar </div> <div style="text-align: center;">  Cone </div> <div style="text-align: center;">  Rope-like </div> <div style="text-align: center;">  Unknown </div> <div style="text-align: center;">  Other </div> </div> <p style="text-align: right; margin-top: -20px;">TRANSLUCENT</p>
	(c) IF MULTIPLE, HOW MANY? / (d) FROM WHICH DIRECTION?
6.	UNUSUAL NOISE? Y or N IF YES, DESCRIBE
7.	UNUSUAL SKY COLOUR? Y or N IF YES, DESCRIBE
8.	(a) HAIL? Y or N (b) DID HAIL PRECEDE <input type="checkbox"/> AND/OR FOLLOW <input type="checkbox"/> THE TORNADO? (c) HAIL SIZE (CIRCLE) <div style="display: flex; justify-content: space-around;"> <div>PEA</div> <div>GRAPE</div> <div>WALNUT</div> <div>GOLF BALL</div> </div> <div style="display: flex; justify-content: space-around;"> <div>TENNIS BALL</div> <div>OTHER</div> <div>UNKNOWN</div> <div>OR DIAMETER (mm)</div> </div>
9.	(a) RAIN, HOW MUCH? No (b) DID THE RAIN FALL BEFORE <input type="checkbox"/> AND/OR AFTER <input type="checkbox"/> THE TORNADO, AT THE TIME OF <input type="checkbox"/> NONE <input type="checkbox"/>
10.	(a) NUMBER OF HUMAN FATALITIES X (b) NUMBER OF ANIMAL FATALITIES (c) NUMBER OF HUMAN INJURIES X (d) NUMBER OF ANIMAL INJURIES
11.	(a) ARE PHOTOS AVAILABLE? (TAKEN EITHER BY PERSON INTERVIEWED OR ACQUAINTANCES) Y or N (b) IF YES, GIVE NAMES AND ADDRESSES WHERE THEY ARE AVAILABLE

15.

General comments

TORNADO SURVEY FORM

NAME OF INVESTIGATOR <u>GERRY WOLFE</u>	INVESTIGATOR'S PHONE <u>504-4715</u>	DATE OF INVESTIGATION <u>14 JUNE 82</u>	LOCATION NUMBER <u>7</u>
INVESTIGATOR'S ADDRESS <u>RR #1, BOLTON ONT L0P1A0</u>	PERSONAL SURVEY <input type="checkbox"/> TELEPHONE INTERVIEW <input checked="" type="checkbox"/>	UTM ZONE <u>17</u> EASTING <u>489600</u>	NORTHING <u>4915100</u>

1.	NAME(S) OF PERSON(S) INTERVIEWED <u>MRS CHARLES (MAVIS) REES OF DOBBINTON P.O.</u>
2.	ADDRESS (NOT RR#) OF THIS LOCATION <u>DOBBINTON</u> <small>Lot Con. Twp. Co. or # Street, Town, Prov. or Section, Township, Range, Meridian</small>
3.	PHONE NUMBER OF PERSON INTERVIEWED <div style="text-align: right;">Area Code <u>519</u> Number <u>363-5482</u></div>
4.	(a) TIME AND DATE OF THE EVENT AT THIS LOCATION <u>CHESLEY BUS 1455-1505</u> <u>4 PM 5 TO 5:30</u> Standard Time, Time Zone Day Month Year (b) HOW WAS THE TIME DETERMINED (STOPPED CLOCK, POWER FAILURE, MEMORY, A TIME-FIXING EVENT ETC.)
5.	(a) FUNNEL SEEN <input checked="" type="radio"/> Y or N <u>FROM SE - PASSED JUST E</u> (b) FUNNEL TYPE (CIRCLE) <div style="display: flex; justify-content: space-around; align-items: flex-end;"> <div style="text-align: center;">  1 Multiple </div> <div style="text-align: center;">  2 Smoke-like </div> <div style="text-align: center;">  3 Columnar </div> <div style="text-align: center;">  4 Cone </div> <div style="text-align: center;">  5 Rope-like </div> <div style="text-align: center;"> 6 Unknown </div> <div style="text-align: center;"> 7 Other </div> </div>
	(c) IF MULTIPLE, HOW MANY? <u>1 OR 2</u> (d) FROM WHICH DIRECTION? <u>SE</u>
6.	UNUSUAL NOISE? <input checked="" type="radio"/> Y or <input checked="" type="radio"/> N IF YES, DESCRIBE
7.	UNUSUAL SKY COLOUR? <input checked="" type="radio"/> Y or <input checked="" type="radio"/> N IF YES, DESCRIBE <u>DARK CLD</u>
8.	(a) HAIL? <input checked="" type="radio"/> Y or <input checked="" type="radio"/> N (b) DID HAIL PRECEDE <input type="checkbox"/> AND/OR FOLLOW <input type="checkbox"/> THE TORNADO? (c) HAIL SIZE (CIRCLE) <div style="display: flex; justify-content: space-around;"> <div>PEA</div> <div>GRAPE</div> <div>WALNUT</div> <div>GOLF BALL</div> </div> <div style="display: flex; justify-content: space-around;"> <div>TENNIS BALL</div> <div>OTHER</div> <div>UNKNOWN</div> <div>OR DIAMETER (mm)</div> </div>
9.	(a) RAIN, HOW MUCH? <u>RAIN 1</u> (b) DID THE RAIN FALL BEFORE <input checked="" type="checkbox"/> AND/OR AFTER <input type="checkbox"/> THE TORNADO, AT THE TIME OF <input type="checkbox"/> NONE <input type="checkbox"/>
10.	(a) NUMBER OF HUMAN FATALITIES (b) NUMBER OF ANIMAL FATALITIES (c) NUMBER OF HUMAN INJURIES (d) NUMBER OF ANIMAL INJURIES
11.	(a) ARE PHOTOS AVAILABLE? (TAKEN EITHER BY PERSON INTERVIEWED OR ACQUAINTANCES) <div style="text-align: center;">Y or N <input checked="" type="radio"/></div> (b) IF YES, GIVE NAMES AND ADDRESSES WHERE THEY ARE AVAILABLE

15.

General comments

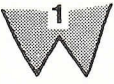


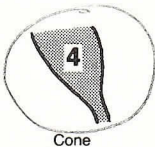

SAW FUNNEL APPROACH FROM SE - A LITTLE
LEFT FROM A STRAIGHT LINE TO CHESLEY.

FNL DISAPPEARED UP INTO DARK CLD - SHE TURNED
AWAY AND WHEN SHE LOOKED AGAIN, ANOTHER
APPEARED - MATERIAL WAS MOVING UP
THROUGH THE FUNNEL - IT WAS ALOFT BUT
THE TREES AND GRASS BELOW WERE
DISTURBED - DIAM OF ROTATING DEBRIS
WAS \approx 50 FT,

SAW 2 - BLA CLD - ONE WENT UP
ANOTHER CAME DOWN

TORNADO SURVEY FORM

NAME OF INVESTIGATOR GERARD WOLFE	INVESTIGATOR'S PHONE 594-4715	DATE OF INVESTIGATION 5 JUNE 82	LOCATION NUMBER 8
INVESTIGATOR'S ADDRESS RR1, BOLTON, ONT L0P 1A0	PERSONAL SURVEY <input type="checkbox"/> TELEPHONE INTERVIEW <input checked="" type="checkbox"/>	UTM ZONE 17	EASTING NORTHING

1.	NAME(S) OF PERSON(S) INTERVIEWED BOB MILLAR
2.	ADDRESS (NOT RR#) OF THIS LOCATION DOB BINTON <small>Lot Con. Twp. Co. or # Street, Town, Prov. or Section, Township, Range, Meridian</small>
3.	PHONE NUMBER OF PERSON INTERVIEWED <div style="text-align: right;">Area Code Number 363 6872</div>
4.	(a) TIME AND DATE OF THE EVENT AT THIS LOCATION 4:03 PM <div style="text-align: right;">Standard Time, Time Zone Day Month Year 1503 29</div> (b) HOW WAS THE TIME DETERMINED (STOPPED CLOCK, POWER FAILURE, MEMORY, A TIME-FIXING EVENT ETC.) AWOKE AT 4:00 PM DUE HVY RAIN. SAW AT 4:03 - WATCHED FOR 1/2 HR.
5.	(a) FUNNEL SEEN Y or N FOR 2 WK (WHITE CORE CNTR TRIP WHITE LINE) (b) FUNNEL TYPE (CIRCLE) 1) ENL ADV CRND 2) SUCKING UP FAST - <div style="display: flex; justify-content: space-around; align-items: flex-end; text-align: center;"> <div> Multiple</div> <div> Smoke-like</div> <div> Columnar</div> <div> Cone</div> <div> Rope-like</div> <div>6 Unknown</div> <div>7 Other</div> </div> <div style="display: flex; justify-content: space-between;"> <div>(c) IF MULTIPLE, HOW MANY?</div> <div>(d) FROM WHICH DIRECTION?</div> </div>
6.	UNUSUAL NOISE? Y or N IF YES, DESCRIBE
7.	UNUSUAL SKY COLOUR? Y or N IF YES, DESCRIBE
8.	(a) HAIL? Y or N (b) DID HAIL PRECEDE <input type="checkbox"/> AND/OR FOLLOW <input type="checkbox"/> THE TORNADO? (c) HAIL SIZE (CIRCLE) <div style="display: flex; justify-content: space-around; text-align: center;"> <div>PEA TENNIS BALL</div> <div>GRAPE OTHER</div> <div>WALNUT UNKNOWN</div> <div>GOLF BALL OR DIAMETER (mm)</div> </div>
9.	(a) RAIN, HOW MUCH? HVY (b) DID THE RAIN FALL BEFORE <input type="checkbox"/> AND/OR AFTER <input type="checkbox"/> THE TORNADO, AT THE TIME OF <input type="checkbox"/> NONE <input type="checkbox"/>
10.	(a) NUMBER OF HUMAN FATALITIES (b) NUMBER OF ANIMAL FATALITIES (c) NUMBER OF HUMAN INJURIES (d) NUMBER OF ANIMAL INJURIES
11.	(a) ARE PHOTOS AVAILABLE? (TAKEN EITHER BY PERSON INTERVIEWED OR ACQUAINTANCES) Y or N (b) IF YES, GIVE NAMES AND ADDRESSES WHERE THEY ARE AVAILABLE DAUGHTER HAD CAMERA IN HAND BUT DIDNT TAKE PICTURE

15.

General comments

HVY ^{RAIN} WOKE HIM -- WARM -- NO WIND. SAW FUNNEL TO
SE. LIKE DACCAR HANGING DOWN FROM CLD.
TOUCHED DOWN BRIEFLY -- COULD SEE DIRT - CARDBOARD
SHEET OF "TIN" CARRIED AROUND IN VORTEX. POODLE
NEAR POST OFFICE (.500 FT EAST) WAS INSTANTLY
VAPORIZED BY VORTEX & FUNNEL MOST OF TIME
WAS ABOVE GROUND. HIMSELF AND CHILDREN SAW
A ^{THIN} WHITE CORE AT CNTR OF DARKER FNL. MATERIAL
WAS MOVING RAPIDLY UPWARD IN CORE.
HE WAS SURPRISED AT SPEED OF ROTATION OF
DEBRIS WHEN IT DID TOUCH DOWN -- HE
SAID SCREEN WAS REMOVED FROM HOUSE. &
DAMAGE WAS DONE TO BARN OF WM S.
MRS DONALD 363 - 6835 -- CARPET LIFTED
IN HOUSE. (DAMAGE TO BARN DENIED BY MRS MACDONALD)
MR MILLER WATCHED THE FUNNEL THROUGH BINOCULARS.

TORNADO SURVEY FORM

NAME OF INVESTIGATOR <i>GERRY WOLFE</i>	INVESTIGATOR'S PHONE <i>594-4715</i>	DATE OF INVESTIGATION <i>28 MAY 82 & 11 JUNE 82</i>	LOCATION NUMBER <i>9</i>
INVESTIGATOR'S ADDRESS <i>RR#1, BOLTON ONT, L0P1A0</i>	PERSONAL SURVEY <input type="checkbox"/> TELEPHONE INTERVIEW <input checked="" type="checkbox"/>	UTM ZONE <i>17</i>	EASTING NORTHING

1. NAME(S) OF PERSON(S) INTERVIEWED
PATRICK BRIDGE

2. ADDRESS (NOT RR#) OF THIS LOCATION
LOT 31 CON 4 ARRAN, BRUCE CO,
Lot Con. Twp. Co. or # Street, Town, Prov. or Section, Township, Range, Meridian

3. PHONE NUMBER OF PERSON INTERVIEWED

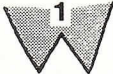
Area Code *519* Number *934 2985*


4. (a) TIME AND DATE OF THE EVENT AT THIS LOCATION


Standard Time, Time Zone *15:05 EST* Day *28* Month *MAY* Year *82*


(b) HOW WAS THE TIME DETERMINED (STOPPED CLOCK, POWER FAILURE, MEMORY, A TIME-FIXING EVENT ETC.)
BUS LETTING KIDS OFF


5. (a) FUNNEL SEEN *Y or N* *FNL SEEN TO S.*
(b) FUNNEL TYPE (CIRCLE)


Multiple


Smoke-like


Columnar


Cone


Rope-like

6
Unknown

7
Other

(c) IF MULTIPLE, HOW MANY?

(d) FROM WHICH DIRECTION?
MOVING NW -

- 6. UNUSUAL NOISE? *Y or N* IF YES, DESCRIBE

- 7. UNUSUAL SKY COLOUR? *Y or N* IF YES, DESCRIBE

- 8. (a) HAIL? *Y or N*
(b) DID HAIL PRECEDE ☐ AND/OR FOLLOW ☐ THE TORNADO?
(c) HAIL SIZE (CIRCLE)

NA

PEA

GRAPE

WALNUT

GOLF BALL

TENNIS BALL

OTHER

UNKNOWN

OR DIAMETER (mm)

- 9. (a) RAIN, HOW MUCH? (b) DID THE RAIN FALL BEFORE ☐ AND/OR AFTER ☐ THE TORNADO, AT THE TIME OF ☐ NONE ☐

- 10. (a) NUMBER OF HUMAN FATALITIES *✓* (b) NUMBER OF ANIMAL FATALITIES *✓*
(c) NUMBER OF HUMAN INJURIES *✓* (d) NUMBER OF ANIMAL INJURIES *✓*

- 11. (a) ARE PHOTOS AVAILABLE? (TAKEN EITHER BY PERSON INTERVIEWED OR ACQUAINTANCES) *Y or N*
(b) IF YES, GIVE NAMES AND ADDRESSES WHERE THEY ARE AVAILABLE

15.

General comments

SAW FUNNEL IN SOUTHERLY DIRECTION FROM SCHOOL
BUS - EST DIST 2 MI - . LOCATION 1/4 MI
E OF TARA - CHESLEY HIGHWAY ~~AT~~ 4TH
LINE OF ARRAN TOWNSHIP. FNL WAS MOVED NW.

MAVIS REIST - 363-5482

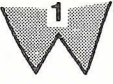
DORRIS THOMPSON 363-6053

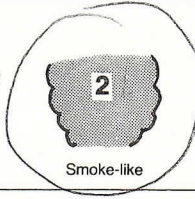
- PETER THOMPSON


TORNADO SURVEY FORM


NAME OF INVESTIGATOR GERDY WOLFE		INVESTIGATOR'S PHONE 594-4715	DATE OF INVESTIGATION 5 JUNE 82	LOCATION NUMBER 10
INVESTIGATOR'S ADDRESS RR #1, BOLTON, ONT, LOPPAO		PERSONAL SURVEY <input type="checkbox"/> TELEPHONE INTERVIEW <input checked="" type="checkbox"/>	UTM ZONE 17	EASTING NORTHING


- NAME(S) OF PERSON(S) INTERVIEWED
MRS VIC TENNEY TENNY
- ADDRESS (NOT RR#) OF THIS LOCATION
Lot Con. Twp. Co. or # Street, Town, Prov. or Section, Township, Range, Meridian
- PHONE NUMBER OF PERSON INTERVIEWED
Area Code **519** Number **363-2489**
- TIME AND DATE OF THE EVENT AT THIS LOCATION
Standard Time, Time Zone **15:20** Day **28** Month **MAY** Year **82**
 - HOW WAS THE TIME DETERMINED (STOPPED CLOCK, POWER FAILURE, MEMORY, A TIME-FIXING EVENT ETC.)
BACK FROM SHOPPING - SCHOOL BUS CHESLEY
- FUNNEL SEEN **Y or N**
 - FUNNEL TYPE (CIRCLE)


1
Multiple


2
Smoke-like


3
Columnar


4
Cone


5
Rope-like

6
Unknown

7
Other
 - IF MULTIPLE, HOW MANY?
 - FROM WHICH DIRECTION?
- UNUSUAL NOISE? **Y or N** IF YES, DESCRIBE
- UNUSUAL SKY COLOUR? **Y or N** IF YES, DESCRIBE
- HAIL? **Y or N**
 - DID HAIL PRECEDE ☐ AND/OR FOLLOW ☐ THE TORNADO?
 - HAIL SIZE (CIRCLE)

PEA

GRAPE

WALNUT

GOLF BALL

TENNIS BALL

OTHER

UNKNOWN

OR DIAMETER (mm)
- RAIN, HOW MUCH? **?**
 - DID THE RAIN FALL BEFORE ☒ AND/OR AFTER ☐ THE TORNADO, AT THE TIME OF ☐ NONE ☐
- NUMBER OF HUMAN FATALITIES **X**
 - NUMBER OF ANIMAL FATALITIES
 - NUMBER OF HUMAN INJURIES **7**
 - NUMBER OF ANIMAL INJURIES
- ARE PHOTOS AVAILABLE? (TAKEN EITHER BY PERSON INTERVIEWED OR ACQUAINTANCES) **Y or N**
 - IF YES, GIVE NAMES AND ADDRESSES WHERE THEY ARE AVAILABLE
DAUGHTER TOOK MOVIE WILL LET US KNOW IF IT TURNS OUT IT DID

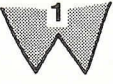


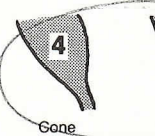
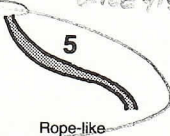
15.

General comments

- SCREEN OFF EAST SIDE - FOUND IT 300 FT NNW
- RUC WAS LIFTED IN SOUTH ROOM - (LIVING ROOM)
- LINOLEUM LIFTED IN SOUTH ROOM (KITCHEN)
- DAUGHTER TOOK MOVIE OF FUNNEL - WILL
GIVE IT TO US IF IT TURNS OUT.
- SHE DESCRIBED FUNNEL AS "SMOKEY".

TORNADO SURVEY FORM

NAME OF INVESTIGATOR GERRY WOLFE		INVESTIGATOR'S PHONE 416 594-4715	DATE OF INVESTIGATION 28 MAY 82 14 JUNE 82	LOCATION NUMBER 11
INVESTIGATOR'S ADDRESS RR#1, BOLTON ONT, LOP 1A0		PERSONAL SURVEY <input type="checkbox"/> TELEPHONE INTERVIEW <input checked="" type="checkbox"/>	UTM ZONE 17	EASTING NORTHING

1.	NAME(S) OF PERSON(S) INTERVIEWED CHRIS HEARD
2.	ADDRESS (NOT RR#) OF THIS LOCATION LOT 33 CON 9 <small>Lot Con. Twp. Co. or # Street, Town, Prov. or Section, Township, Range, Meridian</small>
3.	PHONE NUMBER OF PERSON INTERVIEWED <div style="text-align: right;">Area Code 519 Number 363-6013</div>
4.	(a) TIME AND DATE OF THE EVENT AT THIS LOCATION <div style="text-align: right;">Standard Time, Time Zone 1500 EDT Day 28 Month 5 Year 82</div> (b) HOW WAS THE TIME DETERMINED (STOPPED CLOCK, POWER FAILURE, MEMORY, A TIME-FIXING EVENT ETC.) WAS PHONED TO ONE 10 MIN AFTER EVENT
5.	(a) FUNNEL SEEN Y or N (b) FUNNEL TYPE (CIRCLE) <div style="display: flex; justify-content: space-around; align-items: flex-end;"> <div style="text-align: center;">  1 Multiple </div> <div style="text-align: center;">  2 Smoke-like </div> <div style="text-align: center;">  3 Columnar </div> <div style="text-align: center;">  4 Cone </div> <div style="text-align: center;">  5 Rope-like </div> <div style="text-align: center;"> 6 Unknown </div> <div style="text-align: center;"> 7 Other </div> </div> <p style="text-align: right; margin-top: -20px;">OLD BLACK - FNL ROTATING W TO E GREYISH WHITE</p>
	(c) IF MULTIPLE, HOW MANY? (d) FROM WHICH DIRECTION? 1-2 MI NE - MOVED FM SE
6.	UNUSUAL NOISE? Y or N IF YES, DESCRIBE
7.	UNUSUAL SKY COLOUR? Y or N IF YES, DESCRIBE
8.	(a) HAIL? Y or N (b) DID HAIL PRECEDE <input type="checkbox"/> AND/OR FOLLOW <input type="checkbox"/> THE TORNADO? (c) HAIL SIZE (CIRCLE) <div style="display: flex; justify-content: space-between; padding: 5px;"> <div>PEA</div> <div>GRAPE</div> <div>WALNUT</div> <div>GOLF BALL</div> </div> <div style="display: flex; justify-content: space-between; padding: 5px;"> <div>TENNIS BALL</div> <div>OTHER</div> <div>UNKNOWN</div> <div>OR DIAMETER (mm)</div> </div>
9.	(a) RAIN, HOW MUCH? NO (b) DID THE RAIN FALL BEFORE <input type="checkbox"/> AND/OR AFTER <input type="checkbox"/> THE TORNADO, AT THE TIME OF <input type="checkbox"/> NONE <input type="checkbox"/>
10.	(a) NUMBER OF HUMAN FATALITIES (b) NUMBER OF ANIMAL FATALITIES X
	(c) NUMBER OF HUMAN INJURIES (d) NUMBER OF ANIMAL INJURIES
11.	(a) ARE PHOTOS AVAILABLE? (TAKEN EITHER BY PERSON INTERVIEWED OR ACQUAINTANCES) Y or N (b) IF YES, GIVE NAMES AND ADDRESSES WHERE THEY ARE AVAILABLE

15.

General comments

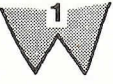


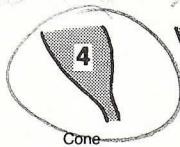

MRS HEARD: HUSBAND CALLED HER TO COME OUT
 OF HOUSE TO SEE FUNNEL AT 4PM EDT - HE
 ALSO CALLED TO PEOPLE ACROSS THE ROAD AND
 THEY SAW IT. WHEN FIRST SEEN IT WAS
 DUE NORTH - IT MOVED NWWD - IT
 APPEARED TO GO UP INTO THE CLOUD - WAS
 GREYISH AND ROTATED RAPIDLY (NEAR SIDE
 MOVED FROM W TO E) IT WAS MOVING
 NW AWAY FROM THEM. SHE THOUGHT IT
 TOUCHED DOWN BRIEFLY.

WIFE SAID IT TOUCH

W. J. HEARD 2ND AIN. SPINNING AROUND - RAPIDLY
 GOING AWAY.

TORNADO SURVEY FORM

NAME OF INVESTIGATOR <i>GERDY WOOLF</i>	INVESTIGATOR'S PHONE <i>594-4715</i>	DATE OF INVESTIGATION <i>21 JUNE 82</i>	LOCATION NUMBER <i>12</i>
INVESTIGATOR'S ADDRESS <i>RR#1, BOLTON ONT, LOPIDAO</i>	PERSONAL SURVEY <input type="checkbox"/> TELEPHONE INTERVIEW <input checked="" type="checkbox"/>	UTM ZONE <i>17</i>	EASTING <i>491800</i> NORTHING <i>4913750</i>

1.	NAME(S) OF PERSON(S) INTERVIEWED <i>MRS SHARON KLAGAS</i>
2.	ADDRESS (NOT RR#) OF THIS LOCATION <i>CON 13 LOT 14 - SULLIVAN TOWNSHIP</i> <small>Lot Con. Twp. Co. or # Street, Town, Prov. or Section, Township, Range, Meridian</small>
3.	PHONE NUMBER OF PERSON INTERVIEWED <div style="text-align: right;">Area Code <i>519</i> Number <i>363-5092</i></div>
4.	(a) TIME AND DATE OF THE EVENT AT THIS LOCATION <div style="text-align: right;">Standard Time, Time Zone <i>1500</i> Day <i>28</i> Month <i>MAY</i> Year <i>82</i></div> (b) HOW WAS THE TIME DETERMINED (STOPPED CLOCK, POWER FAILURE, MEMORY, A TIME-FIXING EVENT ETC.) <i>SOP OFF BUS - SAW AT SAME TIME</i>
5.	(a) FUNNEL SEEN <input checked="" type="radio"/> Y or N (b) FUNNEL TYPE (CIRCLE) <div style="display: flex; justify-content: space-around; align-items: flex-end;"> <div style="text-align: center;">  1 Multiple </div> <div style="text-align: center;">  2 Smoke-like </div> <div style="text-align: center;">  3 Columnar </div> <div style="text-align: center;">  4 Cone </div> <div style="text-align: center;">  5 Rope-like </div> <div style="text-align: center;"> 6 Unknown </div> <div style="text-align: center;"> 7 Other </div> </div> <p style="text-align: right;"><i>WHITE AGAINST DARK CLOUD FUNNEL - 2-3 MIN</i></p>
	(c) IF MULTIPLE, HOW MANY? (d) FROM WHICH DIRECTION? <i>GOING AWAY FM HER. DIR WAS WNW</i>
6.	UNUSUAL NOISE? <input checked="" type="radio"/> Y or N IF YES, DESCRIBE <i>neighbors heard rain!</i>
7.	UNUSUAL SKY COLOUR? <input checked="" type="radio"/> Y or N IF YES, DESCRIBE <i>Dark.</i>
8.	(a) HAIL? <input checked="" type="radio"/> Y or N (b) DID HAIL PRECEDE <input type="checkbox"/> AND/OR FOLLOW <input type="checkbox"/> THE TORNADO? (c) HAIL SIZE (CIRCLE) <div style="display: flex; justify-content: space-around;"> <div>PEA</div> <div>GRAPE</div> <div>WALNUT</div> <div>GOLF BALL</div> </div> <div style="display: flex; justify-content: space-around;"> <div>TENNIS BALL</div> <div>OTHER</div> <div>UNKNOWN</div> <div>OR DIAMETER (mm)</div> </div>
9.	(a) RAIN, HOW MUCH? <i>?</i> (b) DID THE RAIN FALL BEFORE <input type="checkbox"/> AND/OR AFTER <input type="checkbox"/> THE TORNADO, AT THE TIME OF <input type="checkbox"/> NONE <input type="checkbox"/>
10.	(a) NUMBER OF HUMAN FATALITIES (b) NUMBER OF ANIMAL FATALITIES (c) NUMBER OF HUMAN INJURIES (d) NUMBER OF ANIMAL INJURIES
11.	(a) ARE PHOTOS AVAILABLE? (TAKEN EITHER BY PERSON INTERVIEWED OR ACQUAINTANCES) <input checked="" type="radio"/> Y or N (b) IF YES, GIVE NAMES AND ADDRESSES WHERE THEY ARE AVAILABLE <i>FILM: STILL IN CAMERA. RR 2, DOBBINTON</i>

15.

SHARON KLEGAS

General comments

SHE SAW FUNNEL AS KIDS WERE GETTING OFF BUS (SHORTLY AFTER FOUR). IT WAS WHITE AGAINST A DARK BACKGROUND. NEIGHBOURS (ORNETH SAHS) HEARD NOISE LIKE A STONE RICKER.

THEY DISCOVERED LATER THAT A "STEEL SHED" 20'X25' WAS TOSSED 300' OVER A FENCE. A SIDE RAKE IN THE SHED WAS TURNED OVER.

SHEP WAS LOCATED A FEW HUNDRED METERS ON EAST SIDE OF LOT 33 CON 11 OF ELDERSLIE TOWNSHIP. SHE TOOK A PICTURE OF THE FUNNEL BUT THOUGHT IT WOULD NOT TURN OUT. PICTURE DID NOT TURN OUT. HOWEVER WE DO HAVE PICTURE OF SHEP AND POSITION TOPO. MAP.

✓

TORNADO SURVEY FORM

CAT 1089903

CAMERA -

KODAK

TELE-EXTRA 1

22 AM

44 AM

NAME OF INVESTIGATOR GERDY WOLFE	INVESTIGATOR'S PHONE 594-4715	DATE OF INVESTIGATION 21 JUNE 82	LOCATION NUMBER 13
INVESTIGATOR'S ADDRESS	PERSONAL SURVEY <input type="checkbox"/> TELEPHONE INTERVIEW <input type="checkbox"/>	UTM ZONE 17	EASTING NORTHING

1. NAME(S) OF PERSON(S) INTERVIEWED
MRS BILL SARHS

2. ADDRESS (NOT RR#) OF THIS LOCATION
LOT 12 CON 13 RESIDENCE SULLIVAN TOWNSHIP - GREY CO.
Lot Con. Twp. Co. or # Street, Town, Prov. or Section, Township, Range, Meridian

3. PHONE NUMBER OF PERSON INTERVIEWED

Area Code **519**

Number **363-5803**

4. (a) TIME AND DATE OF THE EVENT AT THIS LOCATION
24

Standard Time, Time Zone

Day

Month

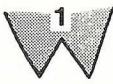
Year


(b) HOW WAS THE TIME DETERMINED (STOPPED CLOCK, POWER FAILURE, MEMORY, A TIME-FIXING EVENT ETC.)
BUSSES (5 TO 4 TO 10 AFTER 24)


5. (a) FUNNEL SEEN **Y or N**


110

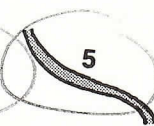
(b) FUNNEL TYPE (CIRCLE)


Multiple


Smoke-like


Columnar


Cone


Rope-like

6
Unknown

7
Other

(c) IF MULTIPLE, HOW MANY?

(d) FROM WHICH DIRECTION?
SAW FROM EAST - TO WEST

6. UNUSUAL NOISE? **Y or N** IF YES, DESCRIBE
SOUNDED LIKE NEIGHBOUR WAS PICKING STONES.

7. UNUSUAL SKY COLOUR? **Y or N** IF YES, DESCRIBE
DARK

8. (a) HAIL? **Y or N** **5 PM BIT AFTER**

(c) HAIL SIZE (CIRCLE)

PEA

GRAPE

WALNUT

GOLF BALL

TENNIS BALL

OTHER

UNKNOWN

OR DIAMETER (mm)

(b) DID HAIL PRECEDE ☐ AND/OR FOLLOW ☒ THE TORNADO?

9. (a) RAIN, HOW MUCH?
QUITE A BIT OF RAIN JUST BEFORE
(b) DID THE RAIN FALL BEFORE ☐ AND/OR AFTER ☒ THE TORNADO, AT THE TIME OF ☐ NONE ☒

10. (a) NUMBER OF HUMAN FATALITIES
AND 3/4 HR AFTER
(b) NUMBER OF ANIMAL FATALITIES

(c) NUMBER OF HUMAN INJURIES

(d) NUMBER OF ANIMAL INJURIES

11. (a) ARE PHOTOS AVAILABLE? (TAKEN EITHER BY PERSON INTERVIEWED OR ACQUAINTANCES)
Y or N
10-13 PICTURES TAKEN.
(b) IF YES, GIVE NAMES AND ADDRESSES WHERE THEY ARE AVAILABLE
DANNY HACHEY - 783-2436
128 DALEMONT
TORONTO ONT

15.

General comments

FAMILY WAS TOGETHER ON LAWN -
BROTHER - ~~WAS~~ TOOK 10-13 PICTURES
OF FUNNEL AS IT MOVED THROUGH DIRECTION
SE TO NW. THEY HEARD NOISE THAT
SOUNDED LIKE STONES BEING PICKED AND
TOSSED INTO A TRUCK - THEY DID NOT REALIZE
THAT THIS WAS A NEIGHBOUR'S STEEL SHED
BEING ROLLED OVER BY THE FUNNEL - THEY
THOUGHT FNL WAS PARTIAL AWAY.

HER BROTHER HAS DEVELOPED THE PICTURES
IN TORONTO - HIS NAME IS DANNY HACHEY.
PHONE: 783-2436, 128 DALEMONT (LAWRENCE &
BATHURST). (5 TURNED ^{OUT} OK.)

HER HUSBAND AND BROTHER FOLLOWED THE FNL
IN A TRUCK. HAIL WAS REPORTED AFTER
EVENT (ABOUT 5 PM)

APPROX
BLOW UP
↓

6.94



LOOKING " WEST
WNW



WEST
LOOKING WNW



WEST
LOOKING WNW

NEG SIZE
13.5 X 18 mm
[]

X 7.47
X ≈ 7.5
↑
PHOTOMAT

13

55 M
53



10

44

LOOKING SW



10 ←
11 →

same as
above ?

44

LOOKING SW

APPR
BROWUP
14.24X
CALCULATED
DIAM AT HEIGHT (A)
TOP OF FUNNEL 28M.



FROM
NEG.
#10



APR
1964

~14.24

CALCULATED
DIAMETER OF FUNNEL

AT (A) ~~36m~~ 40.52 M

133 FT

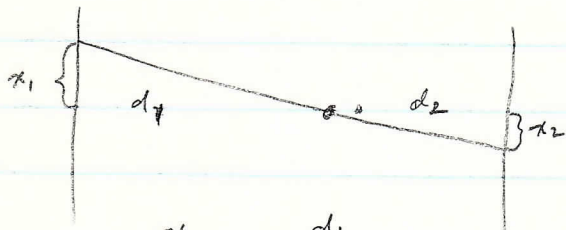
FROM
NEG
#15

Looking WNW

	DIST MI	DIST KM (d ₁)	DIAM MM	MAG	NEG DIAM X ₂ MM	DIAM
1ST PIC	.6863	1.104	20	14.25	1.4035	28 M
6TH PIC	1.25	2.012	7	14.25	.4912	36 M



$d_2 = 55 \text{ mm}$



where did I get 55
shouldn't it be 44

$$\textcircled{1} \quad x_1 = x_2 \frac{d_1}{d_2} = 1.4035 (1.104 \times 10^6) / (55) = \boxed{28} \times 10^3 \text{ mm}$$

$$\textcircled{6} \quad x_1 = (2.012 \times 10^6) (.4912) / 55 = \boxed{36} \times 10^3 \text{ mm}$$

$\textcircled{1}$ DIA

$$\begin{aligned} 1 1/4 &\rightarrow 5.1 \\ x &\rightarrow 2.8 \\ x &= \frac{2.8}{5.1} \times 1.25 = .69 \text{ m} \end{aligned}$$

$$\frac{x}{1.25} = \frac{2.8}{5.1}$$

20 9.1N.

KODAK CANADA - 766-8233
459-3991

HAM DIGGINGS

EMI AUG 6/1982
GLW.

DOBSON TORNADO

5 mi
8.04672 km
1.6093
Factor
.6214

CAMERA
KODAK

- TELE-EXTRA 1

CAT-1089903

22-40 MM

↑

1ST 2

22-40

2ND
4

FOTOMAT

CUSTOMER SERVICE

259-9327

363 4313 - BARRY MECH

364-2391 - BILL BENNETT

Phone
memory

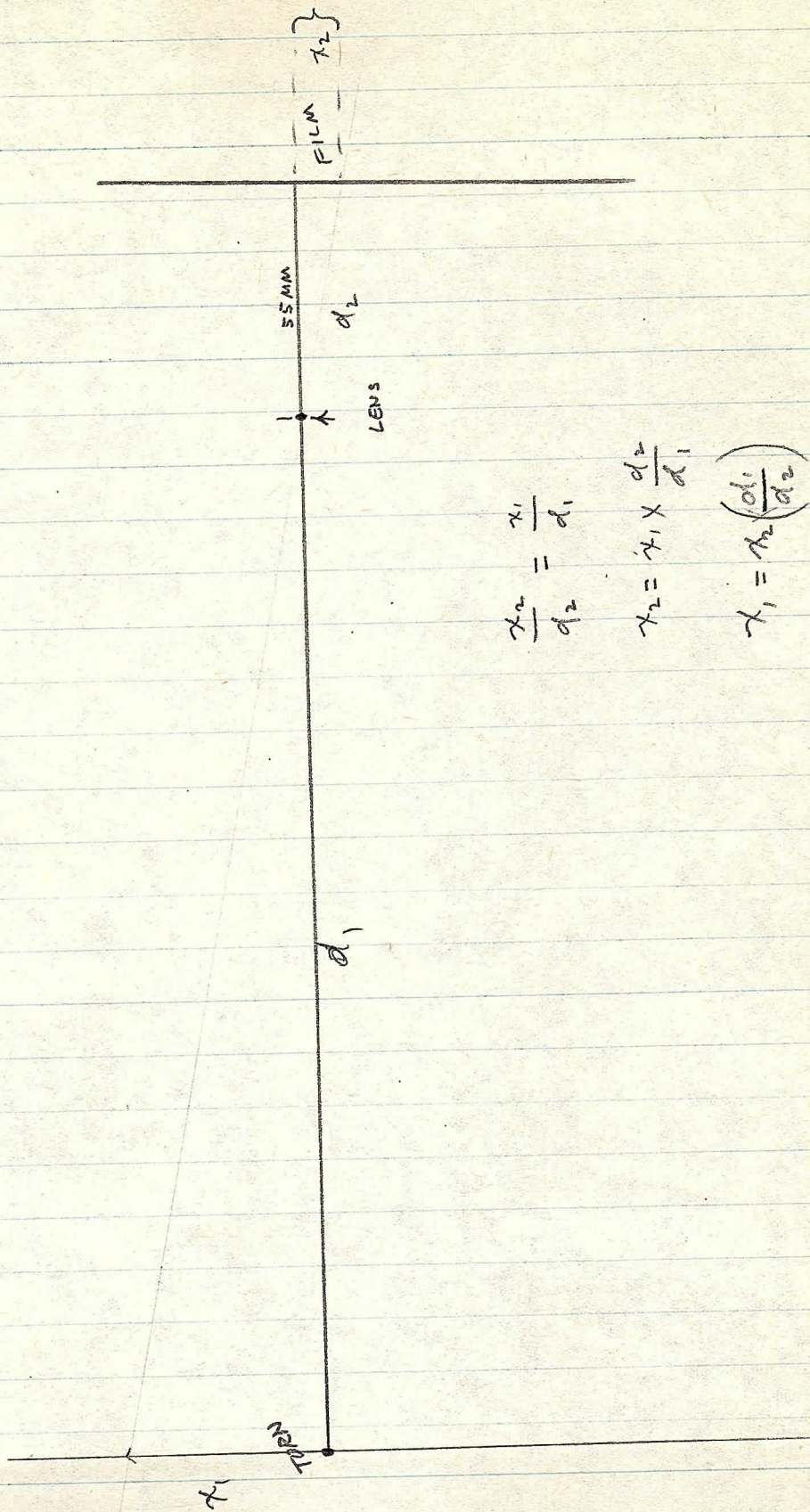
624 - 490

275 - 2561

625 - 4562

$$2 \mu\text{m} = 2.000000 \text{ mm}$$

$$= 2 \times 10^6 \text{ mm}$$



$$\frac{x_2}{d_2} = \frac{x_1}{d_1}$$

$$x_2 = x_1 \times \frac{d_2}{d_1}$$

$$x_1 = x_2 \left(\frac{d_1}{d_2} \right)$$

