C. 0798102 ✓ MAN

TORNADO PROJECT SUMMARY SHEET

1. DATE AND TIME Wednesday, July 1, 1981 2115 CST

2. LOCATION OR PATH (attach map)
Grandview (near), Mari

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

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.) pea size hail 120-150 mm rain

10. TOTAL DAMAGE ESTIMATE $ 11. TOTAL DEATHS

12. TOTAL INJURED 13. TOTAL HOMELESS

14. LIST ALL REFERENCES
Monthly Climatological Report, July 1981.

15. SUMMARIZE REMARKS PERTAINING TO (a) FUNNEL; (b) INTERESTING OR CAPRICIOUS EVENTS.
(b) Trees uprooted.

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CLIMATOLOGICAL SUMMARY FOR JULY 1981 AT WINNIPEG, MANITOBA

July was dry with only half the normal amount of rainfall. Temperatures averaged less than 1 degree above normal with wide fluctuations during the month. The highest maximum temperature reached was 34.0°C on the 6th, while a near record breaking minimum of 5.6°C occurred on the 25th. The mean wind was 1.1 km less than normal and sunshine exceeded the usual amount by more than 20 hours.

DAILY WEATHER SUMMARY FOR JULY 1981 AT WINNIPEG, MANITOBA

All Times Central Standard
Not Daylight

1. Warm. Mostly sunny. Thunder 2:30 a.m. to 5:04 a.m. Showers 2:30 a.m. to 7:15 a.m. Moderate winds gusting to 70 Km/h in afternoon. Clear Lake reports strong winds up to 100 Km/h. Damage to trees. Lightning late evening. Tornado reported near Grandview, trees uprooted, lots of pea size hail, 120 to 150 mm rain 9:00 p.m. to 9:30 p.m.
2. Above normal temperatures. Partly cloudy. Thunder 2:16 a.m. to 5:45 a.m. Showers 2:14 a.m. to 4:29 a.m. 11:14 a.m. to 1:19 p.m. Mostly light winds but S gust to 70 Km/h in morning.
3. Above normal temperatures. Mostly sunny. Light winds.
4. Warm. Sunny. Mostly light winds but S gust to 35 Km/h in afternoon.
5. Warm. Sunny. Mostly light winds but SSW gust to 35 Km/h in morning.
6. Warm. Sunny. Moderate S winds gusting to 65 Km/h late evening.
7. Warm. Mostly sunny. Moderate winds gusting to 65 Km/h early evening. Golf ball size hail reported at Alexander and Minnedosa. Smaller hail at Kelwood. Strong winds up to 140 Km/h reported near Brandon.
8. Above normal temperatures. Cloudy. Clearing early afternoon. Showers 9:05 a.m. to 10:01 a.m. Moderate winds gusting to 57 Km/h in morning. Lightning in morning.
9. Above normal temperatures. Sunny. Mostly light winds but W gust to 43 Km/h in afternoon.
10. Above normal temperatures. Cloudy clearing early afternoon. Lightning late evening. Mostly light winds but E gust to 37 Km/h in afternoon.
11. Near normal temperatures. Partly cloudy. Thunder 5:37 a.m. to 7:12 a.m. 7:28 p.m. to 7:45 p.m. 5:50 p.m. to 8:12 p.m. Showers 5:46 a.m. to 10:03 a.m. 5:41 p.m. to 8:17 p.m. Light winds.
12. Above normal temperatures. Mostly sunny. Showers 8:28 a.m. to 8:36 a.m. Light winds.
13. Above normal temperatures. Mostly sunny. Mostly light winds but ENE gust to 31 Km/h late afternoon. Unconfirmed reports of funnel clouds near Morris and Winkler.
14. Near normal temperatures. Cloudy. Showers 1:12 p.m. to 4:10 p.m. 10:55 p.m. to 11:10 p.m. Light winds.
15. Near normal temperatures. Mostly cloudy. Thunder 8:36 p.m. to 9:21 p.m. Showers 2:50 a.m. to 4:13 a.m. Drizzle 8:03 a.m. to 1:11 p.m. Showers 7:38 p.m. to 9:21 p.m. Mostly light winds but SSE gust to 35 Km/g in afternoon. Unconfirmed report of tornado near Notre Dame Manitoba. Graineries blown over.
16. Below normal temperatures. Partly cloudy. Showers 1:03 p.m. to 4:12 p.m. Light fog in morning. Visibility restricted. Lightning late evening. Mostly light winds but SSE gust to 35 Km/g early morning.
17. Near normal temperatures. Mostly sunny. Light winds. Heavy fog in morning. Visibility restricted.
18. Above normal temperatures. Mostly sunny. Light winds.
19. Above normal temperatures. Sunny becoming cloudy late afternoon. Thunder 3:25 p.m. to 4:07 p.m. Showers 3:10 p.m. to 4:05 p.m. Light winds. Huge forest fire involving 75,000 acres 20 Km E of Thompson about 480 fire fighters involved.
20. Below normal temperatures. Cloudy, Clearing mid afternoon. Mostly light winds but N gust to 33 Km/g in morning.
21. Below normal temperatures. Mostly sunny. Light winds.
22. Below normal temperatures. Mostly sunny. Mostly light winds but S gust to 46 Km/h in morning.
23. Normal temperatures. Partly cloudy. Thunder 8:10 p.m. to 8:54 p.m. Showers 8:15 p.m. to 8:32 p.m. $53,000 motor home parked at Wellington Crescent destroyed by lightning. Mostly light wind but S gust to 41 Km/h in evening.
24. Cool. Cloudy. Showers 10:40 a.m. to 11:13 a.m. 5:04 p.m. to 6:21 p.m. Mostly light winds but N gust to 50 Km/h in late afternoon. Heavy downpour near Thompson quelled forest fires.
25. Cool. Mostly sunny. Mostly light winds but NNW gust to 50 Km/h in afternoon.
26. Cool. Mostly sunny. Mostly light winds but N gust to 39 Km/h in afternoon.
27. Below normal temperatures. Mostly sunny. Thunder 3:15 p.m. to 3:35 p.m. 5:19 p.m. to 5:27 p.m. Showers 3:28 p.m. to 6:19 p.m. Mostly light winds but SW gust to 35 Km/h late afternoon.
28. Near normal temperatures. Mostly sunny. Moderate winds gusting to 48 Km/h in afternoon.
29. Slightly below normal temperatures. Sunny becoming cloudy late morning. Rain 12:54 p.m. to 3:35 p.m. Moderate winds gusting to 43 Km/h in morning.
30. Warm. Partly cloudy. Thunder 5:27 p.m. to 9:20 p.m. Showers 5:37 p.m. to 9:13 p.m. Mostly light winds but W gust to 76 Km/h early evening. Precipitation and wind variable throughout city. Storm levelled Fort Richmond house under construction, felled trees. Lightning hit a few houses, numerous power outages occurred. Hail reported at Miami and at Starbuck Manitoba. Fog in morning. Visibility restricted.
31. Slightly above normal temperatures. Mostly sunny. Mostly light winds but WNW gust to 44 Km/h in afternoon.