



# SRC CLIMATE REFERENCE STATION DAILY DATA REPORT

**SASKATOON STATION** 4057180

Saskatchewan 52°09' N 106°36' W 497 m asl Estab. 1963

Preliminary **JULY 2025**

| Day     | Temperature |            |      |            |      |             | Degree-days      |           |           | Precipitation               |                                |         | Relative Humidity |                | Station Pressure (sea level) |                |
|---------|-------------|------------|------|------------|------|-------------|------------------|-----------|-----------|-----------------------------|--------------------------------|---------|-------------------|----------------|------------------------------|----------------|
|         | Max         | Normal Max | Min  | Normal Min | Mean | Normal Mean | Growing          | Heating   | Cooling   | Geonor all-season ppt Gauge | Tipping Bucket                 | Notes   | Max ½ hr Avg      | Min ½ hr Avg   | Max ½ hr Avg                 | Min ½ hr Avg   |
|         | °C          | 1991-2020  | °C   | 1991-2020  | °C   | 1991-2020   | 5°C base         | 18°C base | 18°C base | mm                          | mm                             |         | %                 | %              | mbar                         | mbar           |
| 1       | 28.0        | 23.2       | 13.9 | 11.9       | 21.0 | 17.6        | 16.0             | 0.0       | 3.0       | 0.0                         | 0.0                            |         | 85                | 32             | 1015                         | 1013           |
| 2       | 29.0        | 24.1       | 14.6 | 11.6       | 21.8 | 17.9        | 16.8             | 0.0       | 3.8       | 0.0                         | 0.0                            |         | 83                | 34             | 1014                         | 1004           |
| 3       | 30.8        | 24.5       | 18.4 | 11.7       | 24.6 | 18.1        | 19.6             | 0.0       | 6.6       | 0.0                         | 0.0                            |         | 66                | 35             | 1006                         | 1001           |
| 4       | 23.1        | 24.3       | 13.7 | 12.1       | 18.4 | 18.2        | 13.4             | 0.0       | 0.4       | 0.0                         | 0.0                            |         | 72                | 31             | 1017                         | 1006           |
| 5       | 22.2        | 24.3       | 10.0 | 12.4       | 16.1 | 18.4        | 11.1             | 1.9       | 0.0       | 0.0                         | 0.0                            |         | 87                | 40             | 1021                         | 1018           |
| 6       | 21.7        | 24.2       | 12.9 | 11.7       | 17.3 | 18.0        | 12.3             | 0.7       | 0.0       | 14.3                        | 14.2                           | rain    | 90                | 45             | 1020                         | 1015           |
| 7       | 23.9        | 24.5       | 12.8 | 12.2       | 18.4 | 18.4        | 13.4             | 0.0       | 0.4       | 5.2                         | 5.6                            | rain    | 92                | 46             | 1017                         | 1015           |
| 8       | 28.8        | 24.4       | 14.0 | 12.2       | 21.4 | 18.3        | 16.4             | 0.0       | 3.4       | 0.0                         | 0.0                            |         | 82                | 35             | 1016                         | 1007           |
| 9       | 28.2        | 25.3       | 18.9 | 12.6       | 23.6 | 19.0        | 18.6             | 0.0       | 5.6       | 0.1                         | 0.0                            |         | 72                | 41             | 1007                         | 1003           |
| 10      | 21.1        | 25.9       | 15.9 | 13.3       | 18.5 | 19.6        | 13.5             | 0.0       | 0.5       | 1.7                         | 1.5                            | showers | 87                | 46             | 1014                         | 1008           |
| 11      | 24.9        | 24.4       | 12.9 | 13.2       | 18.9 | 18.8        | 13.9             | 0.0       | 0.9       | 0.8                         | 0.8                            | showers | 89                | 41             | 1017                         | 1012           |
| 12      | 27.4        | 25.7       | 14.0 | 12.4       | 20.7 | 19.1        | 15.7             | 0.0       | 2.7       | 0.0                         | 0.0                            |         | 75                | 35             | 1012                         | 1008           |
| 13      | 25.1        | 26.0       | 13.3 | 13.2       | 19.2 | 19.6        | 14.2             | 0.0       | 1.2       | 0.0                         | 0.0                            |         | 76                | 40             | 1014                         | 1011           |
| 14      | 19.1        | 25.5       | 11.2 | 13.1       | 15.2 | 19.3        | 10.2             | 2.8       | 0.0       | 0.0                         | 0.0                            |         | 85                | 62             | 1021                         | 1013           |
| 15      | 19.2        | 24.7       | 7.3  | 12.8       | 13.3 | 18.8        | 8.3              | 4.7       | 0.0       | 0.0                         | 0.0                            |         | 87                | 44             | 1025                         | 1022           |
| 16      | 22.2        | 25.0       | 6.7  | 12.5       | 14.5 | 18.8        | 9.5              | 3.5       | 0.0       | 0.0                         | 0.0                            |         | 90                | 37             | 1023                         | 1018           |
| 17      | 24.3        | 26.0       | 11.5 | 13.1       | 17.9 | 19.6        | 12.9             | 0.1       | 0.0       | 11.2                        | 10.9                           | showers | 87                | 35             | 1022                         | 1015           |
| 18      | 26.2        | 25.1       | 10.0 | 13.6       | 18.1 | 19.4        | 13.1             | 0.0       | 0.1       | 0.0                         | 0.0                            |         | 89                | 34             | 1016                         | 1015           |
| 19      | 22.2        | 24.9       | 13.3 | 12.7       | 17.8 | 18.8        | 12.8             | 0.2       | 0.0       | 1.2                         | 1.3                            | showers | 81                | 47             | 1015                         | 1013           |
| 20      | 19.1        | 25.4       | 15.1 | 12.5       | 17.1 | 18.9        | 12.1             | 0.9       | 0.0       | 29.8                        | 28.4                           | rain    | 93                | 79             | 1013                         | 1009           |
| 21      | 21.3        | 25.2       | 13.4 | 13.2       | 17.4 | 19.2        | 12.4             | 0.6       | 0.0       | 0.8                         | 1.0                            | showers | 93                | 63             | 1014                         | 1009           |
| 22      | 14.5        | 26.3       | 11.0 | 12.6       | 12.8 | 19.5        | 7.8              | 5.2       | 0.0       | 5.3                         | 5.3                            | showers | 89                | 69             | 1016                         | 1014           |
| 23      | 21.9        | 26.4       | 8.0  | 13.7       | 15.0 | 20.1        | 10.0             | 3.0       | 0.0       | 0.0                         | 0.3                            | showers | 92                | 36             | 1017                         | 1015           |
| 24      | 27.5        | 25.8       | 12.7 | 12.6       | 20.1 | 19.2        | 15.1             | 0.0       | 2.1       | 0.0                         | 0.0                            |         | 87                | 34             | 1015                         | 1007           |
| 25      | 26.4        | 25.0       | 14.3 | 12.5       | 20.4 | 18.8        | 15.4             | 0.0       | 2.4       | 0.0                         | 0.0                            |         | 85                | 50             | 1008                         | 1004           |
| 26      | 22.9        | 26.2       | 12.3 | 12.2       | 17.6 | 19.2        | 12.6             | 0.4       | 0.0       | 0.0                         | 0.0                            |         | 82                | 47             | 1013                         | 1008           |
| 27      | 24.2        | 26.2       | 13.2 | 12.7       | 18.7 | 19.5        | 13.7             | 0.0       | 0.7       | 2.2                         | 2.0                            | showers | 88                | 41             | 1019                         | 1012           |
| 28      | 21.0        | 26.0       | 8.8  | 12.5       | 14.9 | 19.3        | 9.9              | 3.1       | 0.0       | 0.0                         | 0.3                            |         | 90                | 34             | 1025                         | 1020           |
| 29      | 23.3        | 27.1       | 8.3  | 12.7       | 15.8 | 19.9        | 10.8             | 2.2       | 0.0       | 0.0                         | 0.0                            |         | 80                | 30             | 1027                         | 1025           |
| 30      | 26.2        | 26.6       | 11.4 | 13.1       | 18.8 | 19.9        | 13.8             | 0.0       | 0.8       | 0.0                         | 0.0                            |         | 73                | 30             | 1027                         | 1023           |
| 31      | 26.6        | 25.5       | 12.4 | 12.7       | 19.5 | 19.1        | 14.5             | 0.0       | 1.5       | 0.0                         | 0.0                            |         | 72                | 29             | 1025                         | 1021           |
| Total   |             |            |      |            |      |             | 409.8            | 29.3      | 36.1      | 72.6                        | 71.6                           |         | Extreme / Date    | Extreme / Date | Extreme / Date               | Extreme / Date |
| Avg     | 23.9        | 25.3       | 12.5 | 12.6       | 18.2 | 19.0        | 1991-2020 Normal |           |           | 60.1                        | Jly 1991-2020 Normal           |         |                   |                |                              |                |
| Extreme | 30.8        |            | 6.7  |            |      |             | 433.2            | 25.9      | 56.1      | 223.9                       | Year to date 2024 Cumulative   |         | 93                | 29             | 1027                         | 1001           |
| Date    | 3           |            | 16   |            |      |             |                  |           |           | 228.4                       | Year to date Cumulative Normal |         | 20                | 31             | 29                           | 3              |

Note: Red numbers indicate manual calculation; Red cell indicate data not available

Precipitation is measured precipitation. It has not been corrected for wind speed.

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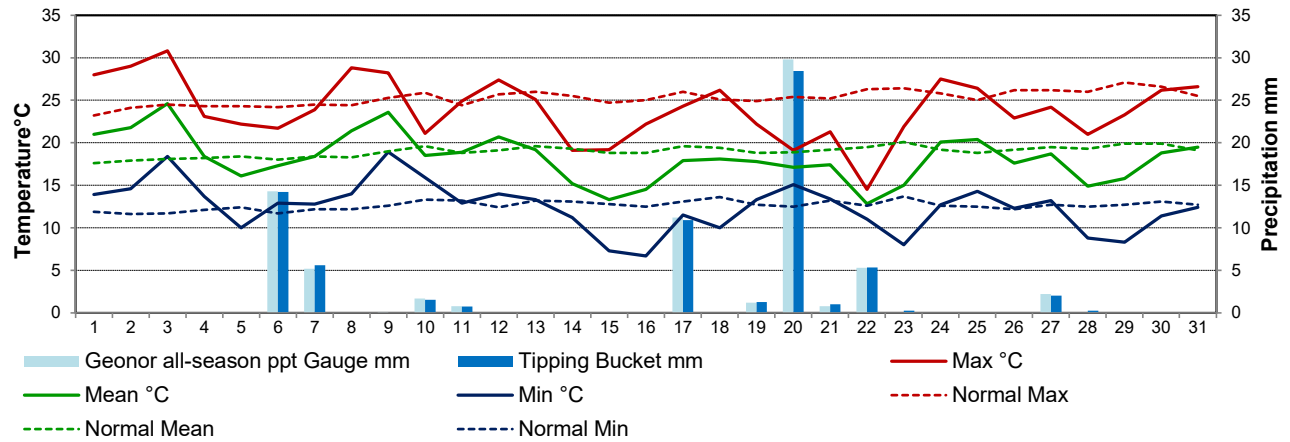


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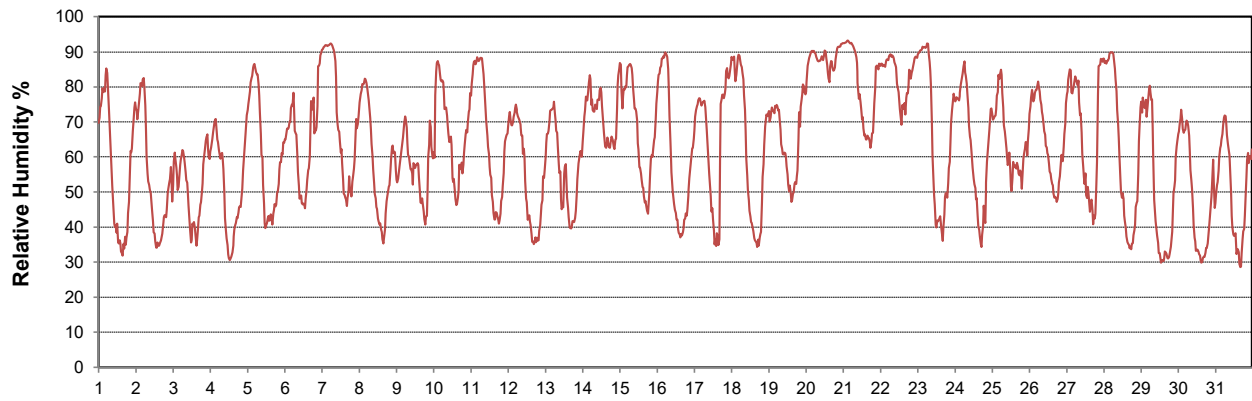


CAMPBELL SCIENTIFIC WHEN MEASUREMENTS MATTER

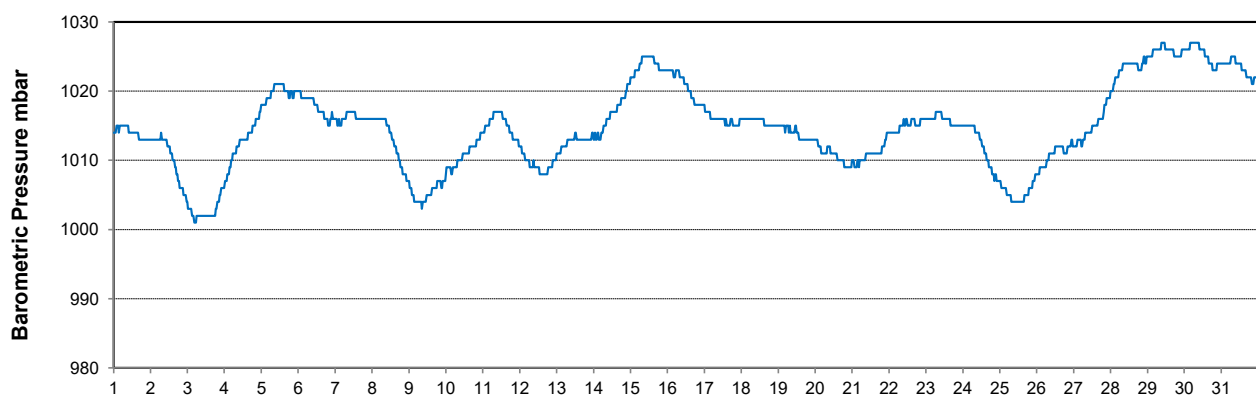
### Temperature and Precipitation for July 2025



### Relative Humidity for July 2025



### Barometric Pressure Corrected to Sea Level for July 2025





# SRC CLIMATE REFERENCE STATION DAILY DATA REPORT

**SASKATOON STATION 4057180**

Saskatchewan 52°09' N 106°36' W 497 m asl Estab. 1963

Preliminary

**JULY 2025**

| Day     | Wind Gust |           |       | Wind Speed<br>(10 meters)<br><br>Daily Average | Soil Temperatures at 0900hrs            |      |       |       |       |        |        |        | Radiation                        |          |            |                   |                   |
|---------|-----------|-----------|-------|------------------------------------------------|-----------------------------------------|------|-------|-------|-------|--------|--------|--------|----------------------------------|----------|------------|-------------------|-------------------|
|         | Max       | Direction | Time  |                                                | Surface                                 | 5 cm | 10 cm | 20 cm | 50 cm | 100 cm | 150 cm | 300 cm | Bright Sunshine                  | Possible | % Possible | Global            | Diffuse           |
|         | km/h      |           |       |                                                | °C                                      | °C   | °C    | °C    | °C    | °C     | °C     | °C     | hours                            | hours    |            | MJ/m <sup>2</sup> | MJ/m <sup>2</sup> |
| 1       | 24.4      | N         | 15:12 | 6.7                                            | 21.5                                    | 17.5 | 18.0  | 19.0  | 16.0  | 12.0   | 10.5   | 8.0    | 14.4                             | 16.7     | 86.4       | 28.5              | 4.6               |
| 2       | 44.2      | SE        | 19:37 | 15.6                                           | 22.5                                    | 18.5 | 19.0  | 20.0  | 16.5  | 12.5   | 11.0   | 8.5    | 14.4                             | 16.7     | 86.5       | 28.8              | 4.8               |
| 3       | 44.6      | S         | 4:03  | 21.4                                           | 23.0                                    | 20.5 | 20.5  | 21.5  | 17.0  | 12.5   | 11.0   | 8.5    | 13.9                             | 16.6     | 83.6       | 27.2              | 5.3               |
| 4       | 56.4      | W         | 12:37 | 21.2                                           | 17.5                                    | 20.0 | 20.5  | 23.0  | 17.5  | 13.0   | 11.0   | 8.5    | 11.3                             | 16.6     | 68.1       | 26.9              | 5.0               |
| 5       | 25.2      | SE        | 13:28 | 7.1                                            | 16.0                                    | 18.0 | 19.0  | 23.0  | 17.5  | 13.0   | 11.0   | 8.5    | 6.4                              | 16.6     | 38.6       | 17.5              | 9.9               |
| 6       | 23.5      | SE        | 14:46 | 9.6                                            | 19.0                                    | 18.5 | 19.0  | 22.5  | 17.5  | 13.5   | 11.5   | 8.5    | 4.5                              | 16.6     | 27.2       | 14.8              | 10.3              |
| 7       | 14.5      | SE        | 23:15 | 4.7                                            | 15.5                                    | 17.5 | 18.0  | 20.5  | 17.0  | 13.5   | 11.5   | 8.5    | 8.0                              | 16.5     | 48.4       | 19.4              | 8.3               |
| 8       | 40.7      | S         | 15:29 | 15.8                                           | 21.0                                    | 17.5 | 18.5  | 21.0  | 17.0  | 13.5   | 11.5   | 8.5    | 15.1                             | 16.5     | 91.5       | 27.8              | 5.0               |
| 9       | 44.1      | S         | 1:52  | 15.3                                           | 22.5                                    | 19.5 | 20.0  | 23.0  | 17.0  | 13.5   | 12.0   | 8.5    | 14.3                             | 16.5     | 86.8       | 27.0              | 6.3               |
| 10      | 50.3      | NW        | 0:41  | 13.3                                           | 18.0                                    | 20.0 | 20.5  | 24.0  | 17.5  | 13.5   | 12.0   | 9.0    | 2.5                              | 16.4     | 15.2       | 12.8              | 10.5              |
| 11      | 29.6      | WNW       | 14:10 | 11.1                                           | 15.0                                    | 17.5 | 18.5  | 22.5  | 17.5  | 14.0   | 12.0   | 9.0    | 11.7                             | 16.4     | 71.3       | 23.8              | 9.1               |
| 12      | 44.1      | WNW       | 12:02 | 14.8                                           | 18.0                                    | 18.0 | 18.5  | 23.0  | 17.5  | 14.0   | 12.0   | 9.0    | 8.7                              | 16.4     | 53.1       | 22.2              | 6.7               |
| 13      | 35.4      | WNW       | 17:22 | 14.1                                           | 20.0                                    | 18.0 | 19.0  | 23.5  | 17.5  | 14.0   | 12.0   | 9.0    | 11.5                             | 16.3     | 70.4       | 22.5              | 8.5               |
| 14      | 25.0      | N         | 21:23 | 10.4                                           | 15.5                                    | 18.5 | 19.5  | 23.5  | 17.5  | 14.0   | 12.5   | 9.0    | 0.0                              | 16.3     | 0.0        | 9.0               | 8.1               |
| 15      | 24.1      | NNE       | 8:39  | 9.6                                            | 11.5                                    | 15.5 | 16.5  | 22.0  | 17.0  | 14.0   | 12.5   | 9.0    | 8.0                              | 16.3     | 49.2       | 17.5              | 11.7              |
| 16      | 28.9      | ESE       | 18:03 | 7.4                                            | 14.0                                    | 15.0 | 16.0  | 21.0  | 16.5  | 14.0   | 12.5   | 9.0    | 10.0                             | 16.2     | 61.7       | 20.7              | 10.3              |
| 17      | 38.3      | SE        | 16:47 | 9.9                                            | 17.5                                    | 16.5 | 17.0  | 22.0  | 16.5  | 14.0   | 12.5   | 9.5    | 8.1                              | 16.2     | 50.1       | 20.5              | 8.1               |
| 18      | 17.4      | SW        | 10:53 | 6.2                                            | 15.0                                    | 15.0 | 16.0  | 21.5  | 16.5  | 14.0   | 12.5   | 9.5    | 12.7                             | 16.1     | 78.7       | 25.6              | 8.8               |
| 19      | 37.0      | ESE       | 13:07 | 15.5                                           | 18.0                                    | 17.0 | 18.0  | 22.5  | 16.5  | 14.0   | 12.5   | 9.5    | 1.9                              | 16.1     | 11.8       | 11.0              | 9.2               |
| 20      | 34.0      | ESE       | 7:14  | 15.0                                           | 15.0                                    | 17.0 | 17.5  | 21.5  | 16.5  | 14.0   | 12.5   | 9.5    | 0.0                              | 16.1     | 0.0        | 5.6               | 5.0               |
| 21      | 28.7      | NNE       | 21:57 | 12.1                                           | 15.0                                    | 17.0 | 17.5  | 21.5  | 16.5  | 14.0   | 12.5   | 9.5    | 2.3                              | 16.0     | 14.4       | 12.5              | 9.7               |
| 22      | 26.7      | NNE       | 4:36  | 9.6                                            | 10.5                                    | 16.0 | 17.0  | 21.5  | 16.5  | 14.0   | 12.5   | 9.5    | 0.0                              | 16.0     | 0.0        | 3.4               | 3.0               |
| 23      | 20.9      | W         | 19:08 | 5.8                                            | 14.0                                    | 14.0 | 14.5  | 18.5  | 16.0  | 14.0   | 12.5   | 9.5    | 10.5                             | 15.9     | 66.0       | 21.7              | 8.2               |
| 24      | 30.5      | S         | 17:00 | 9.9                                            | 17.5                                    | 16.5 | 17.0  | 20.0  | 16.0  | 14.0   | 13.0   | 9.5    | 13.2                             | 15.9     | 83.2       | 23.4              | 6.8               |
| 25      | 31.6      | N         | 14:37 | 10.6                                           | 20.5                                    | 17.5 | 18.0  | 21.5  | 16.5  | 14.0   | 13.0   | 9.5    | 13.7                             | 15.8     | 86.5       | 24.3              | 6.0               |
| 26      | 32.3      | NW        | 12:09 | 11.8                                           | 17.0                                    | 17.5 | 18.5  | 22.5  | 17.0  | 14.0   | 13.0   | 10.0   | 14.1                             | 15.8     | 89.4       | 24.2              | 5.4               |
| 27      | 48.7      | NW        | 19:58 | 9.4                                            | 17.5                                    | 17.5 | 18.0  | 22.5  | 17.0  | 14.0   | 13.0   | 10.0   | 8.3                              | 15.7     | 52.8       | 19.8              | 8.9               |
| 28      | 28.8      | NNW       | 11:23 | 9.7                                            | 13.5                                    | 16.5 | 17.5  | 22.0  | 17.0  | 14.0   | 13.0   | 10.0   | 13.7                             | 15.7     | 87.4       | 24.6              | 4.9               |
| 29      | 27.2      | NW        | 14:00 | 6.0                                            | 16.5                                    | 15.5 | 16.5  | 21.5  | 17.0  | 14.0   | 13.0   | 10.0   | 13.9                             | 15.6     | 89.0       | 23.9              | 7.7               |
| 30      | 26.4      | SSE       | 11:31 | 8.7                                            | 17.0                                    | 16.0 | 17.0  | 21.5  | 17.0  | 14.0   | 13.0   | 10.0   | 12.7                             | 15.6     | 81.6       | 23.1              | 7.9               |
| 31      | 25.0      | ESE       | 13:06 | 11.1                                           | 18.0                                    | 17.0 | 17.5  | 22.0  | 17.0  | 14.0   | 13.0   | 10.0   | 12.8                             | 15.5     | 82.5       | 22.5              | 8.6               |
| Total   |           |           |       |                                                |                                         |      |       |       |       |        |        |        | 292.6                            | 501.5    | 58.3       | 632.5             | 232.6             |
| Mean    |           |           |       | 11.3                                           | 17.2                                    | 17.3 | 18.0  | 21.8  | 16.9  | 13.7   | 12.2   | 9.2    | 1991-2020 Normal                 |          |            |                   |                   |
| Extreme | 56.4      | W         | 12:37 |                                                | 1971- 2000 Normal for Soil Temperatures |      |       |       |       |        |        |        | 305.5                            | 501.60   | 60.9       | 662.0             | 203.3             |
| Date    | 4         |           |       |                                                |                                         | 17.5 | 18.0  | 18.9  | 16.7  | 13.1   | 10.9   | 7.5    | No. of Bright Sunshine days = 28 |          |            |                   |                   |

Note: Red numbers indicate manual calculation; Red cell indicate data not available

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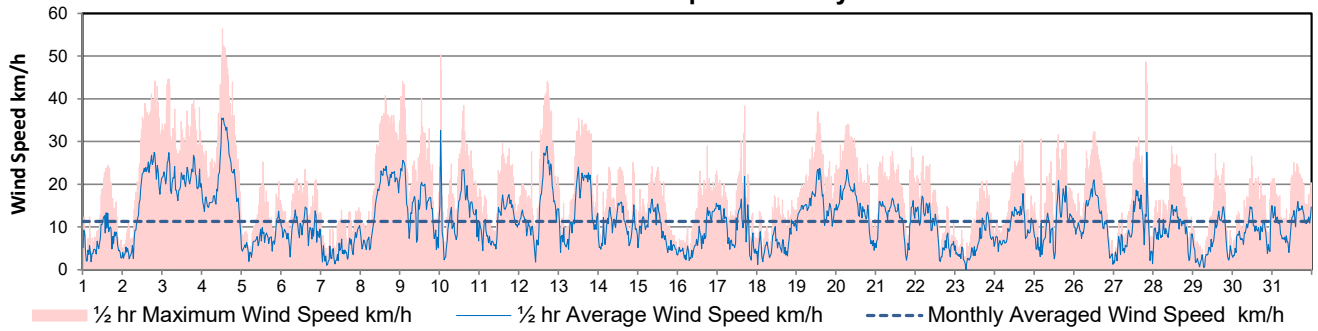
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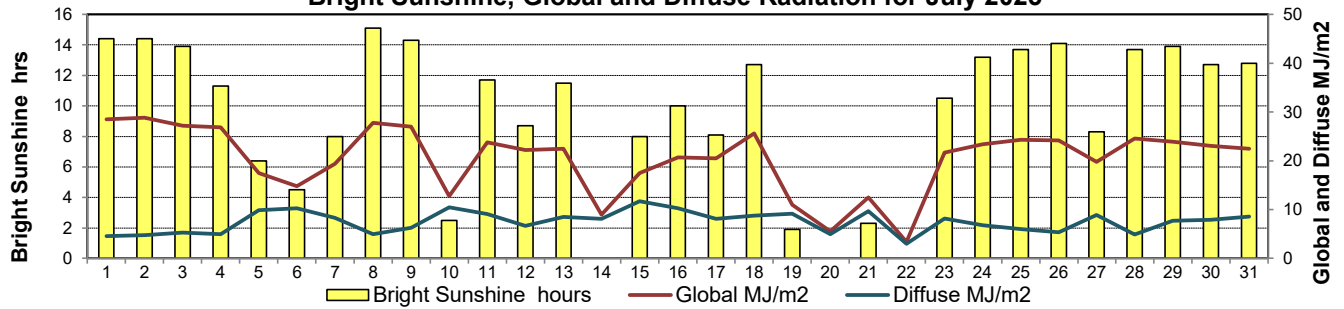


WHEN MEASUREMENTS MATTER

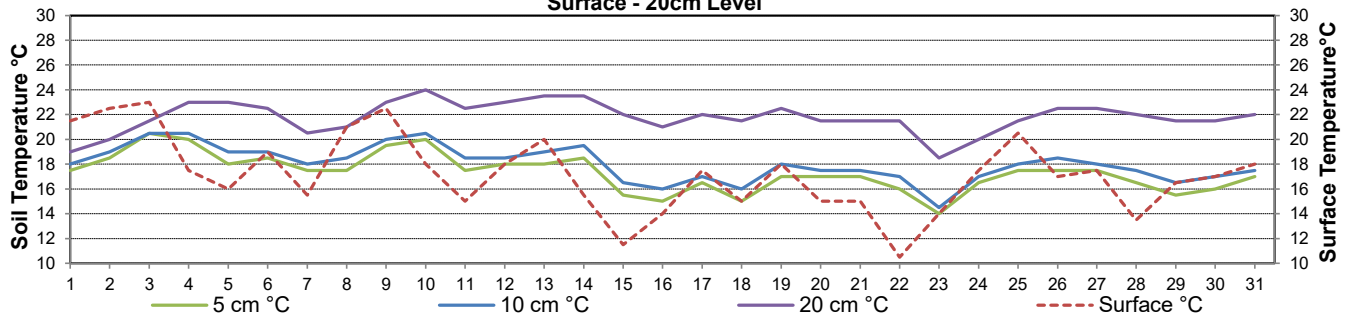
**10 meter Tower Wind Speed for July 2025**



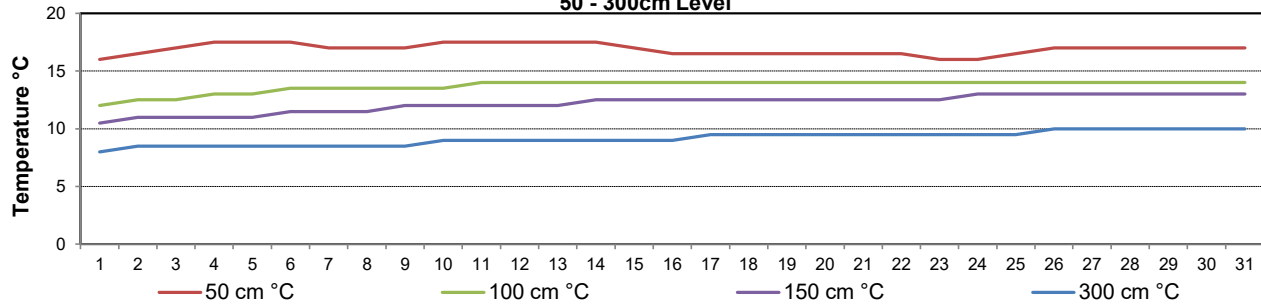
**Bright Sunshine, Global and Diffuse Radiation for July 2025**



**Soil Temperatures for July 2025**  
Surface - 20cm Level



**Soil Temperatures for July 2025**  
50 - 300cm Level





# SRC CLIMATE REFERENCE STATION DAILY DATA REPORT

## SASKATOON STATION 4057180

52°09' N 106°36' W 497 m asl Estab. 1963

Preliminary JULY 2025

### Extreme Records for July

| Max/Min Temperature °C |               |            |            | Precipitation - Monthly mm |             |      |      | Wind Monthly km/h |      |                  |         | CRS Bright Sunshine - Monthly |      |       |             |
|------------------------|---------------|------------|------------|----------------------------|-------------|------|------|-------------------|------|------------------|---------|-------------------------------|------|-------|-------------|
| S'toon Area            | Date          | Site       | S'toon CRS | Date                       | S'toon Area | Date | Site | S'toon CRS        | Date | S'toon Airport   | Date    | S'toon CRS**                  | Date | Hours | No. of Days |
| 40.0                   | (1919,41)1946 | (SE SA) US | 40.1       | 02/2021                    | 162.9       | 1928 | SE   | 125.9             | 1971 | 113 <sup>E</sup> | 05/1955 | 160                           | 1985 | 386.2 | 1974        |
| -0.6                   | 25/1918       | SE         | 1.7        | 02/1967,09/1978            | 0.0         | 1988 | SC   | 5.0               | 2021 |                  |         |                               |      | 185.5 | 1998        |

\*\*1975 forward \* more than one year

| Notable Events for CRS Saskatoon - July |                       |     |            |            |            | Saskatoon Area Stations |                              |              | Glossary        |                                           |
|-----------------------------------------|-----------------------|-----|------------|------------|------------|-------------------------|------------------------------|--------------|-----------------|-------------------------------------------|
| Element                                 | Type                  | Day | New Record | Old Record | Day / Year | SM                      | NWMP                         | c. 1892-1901 | T               | Trace of precipitation                    |
| Temperature                             | Lowest Maximum Daily  | 22  | 14.5       | 16.4       | 2011       | SE                      | Eby                          | 1901-1941    | Normal          | 30 year average beginning with the decade |
|                                         | Highest Minimum Daily | 9   | 18.9       | 17.9       | 2022       | US                      | Univ. of Sask.               | 1915-1964    | SOG             | Depth of snow-on-the-ground in cm         |
| Precipitation                           | Highest Daily Maximum | 20  | 29.8       | 20.3       | 1968       | S                       | Saskatoon                    | 1941-1942    | na              | not available                             |
|                                         |                       |     |            |            |            | SA                      | Saskatoon A                  | 1942 -       | Degree-days     |                                           |
|                                         |                       |     |            |            |            | NRC                     | Nat. Res. Council            | 1952-1966    | Tm              | Mean Temperature                          |
|                                         |                       |     |            |            |            | SRC                     | Sask. Res. Council           | 1963-        | Growing         | (Tm-5°C); if Tm ≤ 5°C then GDD = 0        |
|                                         |                       |     |            |            |            | SWT                     | S'toon Water Treatment Plant | 1974 -       | Heating         | (18°C-Tm); if Tm ≤ 18°C then HDD = 0      |
|                                         |                       |     |            |            |            | SC                      | S'toon Central Ave           | 1974-1989    | Cooling         | (Tm-18°C); if Tm ≥ 18°C then CDD = 0      |
|                                         |                       |     |            |            |            | S1                      | Saskatoon 1                  | 1976-1978    | Extreme Cooling | (Tm-24°C); if Tm ≥ 24°C then CDD = 0      |
|                                         |                       |     |            |            |            | S2                      | Saskatoon 2                  | 1977-1990    |                 |                                           |
|                                         |                       |     |            |            |            | K                       | S'toon Kernen Farm           | 1993-2004    |                 |                                           |
|                                         |                       |     |            |            |            | KCS                     | S'toon Kernen Farm CS        | 1996-        |                 |                                           |
|                                         |                       |     |            |            |            | RCS                     | Environment Canada           | 2008-        |                 |                                           |
|                                         |                       |     |            |            |            | SF                      | Sutherland Forest            | 1943-1970    |                 |                                           |

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## SRC CLIMATE REFERENCE STATION DAILY DATA REPORT

SASKATOON STATION 4057180

52°09' N 106°36' W 497 m asl Estab. 1963

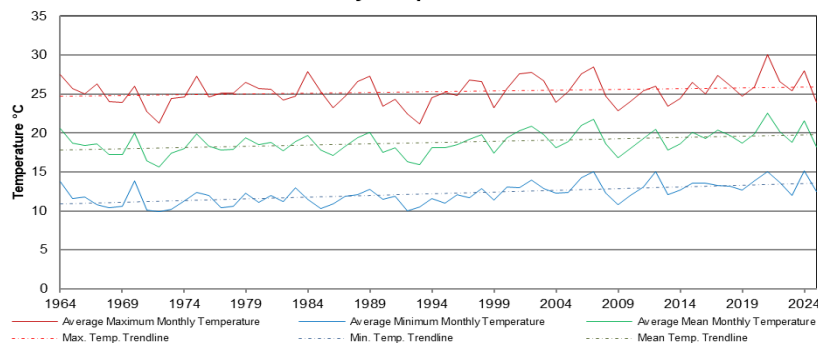
Preliminary

July

2025

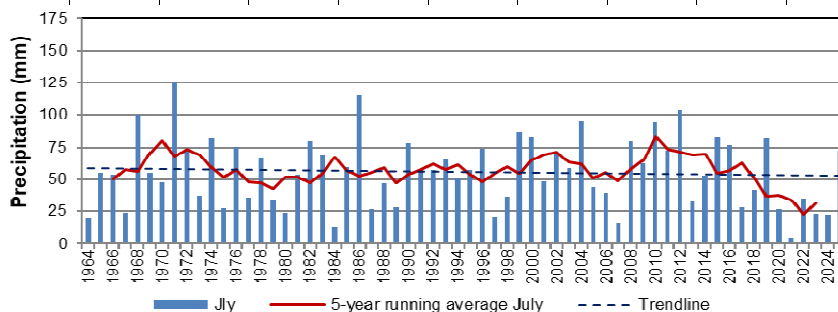
| Day     | 2 meter Wind Speed |                 |                        | Soil Moisture at 0900 hrs<br>(rounded to the 0.5%)                      |       |       |
|---------|--------------------|-----------------|------------------------|-------------------------------------------------------------------------|-------|-------|
|         | Daily<br>Average   | Max ½ hr<br>Avg | ½ hr<br>Extreme<br>Max | 10 cm                                                                   | 20 cm | 50 cm |
|         | km/h               | km/h            | km/h                   | % by volume (soil type is Loam (45.5%<br>Sand, 41.1% Silt, 13.3% Clay)) |       |       |
| 1       | 5.0                | 9.9             | 17.7                   | 22.0                                                                    | 3.5   | 19.0  |
| 2       | 10.0               | 19.5            | 31.6                   | 19.5                                                                    | 3.0   | 19.0  |
| 3       | 15.0               | 18.7            | 32.1                   | 18.0                                                                    | 3.0   | 19.0  |
| 4       | 15.0               | 25.7            | 40.8                   | 16.5                                                                    | 3.0   | 19.0  |
| 5       | 5.0                | 9.6             | 18.3                   | 15.5                                                                    | 3.0   | 18.5  |
| 6       | 7.0                | 10.8            | 17.7                   | 15.0                                                                    | 3.0   | 18.5  |
| 7       | 2.0                | 5.7             | 11.4                   | 26.5                                                                    | 3.0   | 18.5  |
| 8       | 9.0                | 15.9            | 31.6                   | 22.5                                                                    | 3.0   | 17.5  |
| 9       | 10.0               | 15.5            | 33.9                   | 19.0                                                                    | 3.0   | 17.5  |
| 10      | 9.0                | 22.0            | 37.9                   | 17.5                                                                    | 3.0   | 17.5  |
| 11      | 7.0                | 13.2            | 22.4                   | 17.0                                                                    | 2.5   | 17.5  |
| 12      | 10.0               | 19.9            | 35.0                   | 16.0                                                                    | 2.5   | 17.0  |
| 13      | 10.0               | 16.5            | 28.1                   | 15.0                                                                    | 2.5   | 16.0  |
| 14      | 7.0                | 11.5            | 19.5                   | 14.0                                                                    | 2.5   | 16.0  |
| 15      | 7.0                | 11.8            | 24.7                   | 13.0                                                                    | 2.5   | 16.0  |
| 16      | 6.0                | 10.9            | 22.4                   | 12.0                                                                    | 2.5   | 16.0  |
| 17      | 7.0                | 15.6            | 28.7                   | 11.5                                                                    | 2.0   | 15.0  |
| 18      | 5.0                | 8.7             | 15.4                   | 16.5                                                                    | 2.0   | 15.0  |
| 19      | 11.0               | 17.4            | 29.3                   | 15.5                                                                    | 2.0   | 14.5  |
| 20      | 10.0               | 16.9            | 27.0                   | 24.0                                                                    | 2.0   | 14.0  |
| 21      | 8.0                | 12.0            | 21.2                   | 28.0                                                                    | 2.0   | 21.0  |
| 22      | 7.0                | 11.2            | 21.2                   | 28.5                                                                    | 2.5   | 20.0  |
| 23      | 5.0                | 10.1            | 17.2                   | 26.0                                                                    | 3.0   | 19.5  |
| 24      | 6.0                | 13.0            | 26.4                   | 23.0                                                                    | 3.0   | 19.0  |
| 25      | 7.0                | 13.8            | 22.4                   | 20.5                                                                    | 3.0   | 18.5  |
| 26      | 8.0                | 14.7            | 25.8                   | 19.0                                                                    | 3.0   | 18.5  |
| 27      | 6.0                | 18.1            | 34.4                   | 18.0                                                                    | 3.0   | 18.0  |
| 28      | 7.0                | 11.9            | 24.1                   | 17.0                                                                    | 3.0   | 18.0  |
| 29      | 5.0                | 11.8            | 20.6                   | 16.5                                                                    | 3.0   | 17.5  |
| 30      | 7.0                | 12.4            | 20.0                   | 16.0                                                                    | 2.5   | 17.0  |
| 31      | 8.0                | 21.0            | 21.0                   | 15.5                                                                    | 2.5   | 17.0  |
| Total   |                    |                 |                        |                                                                         |       |       |
| Mean    |                    |                 |                        | 19                                                                      | 3     | 17.6  |
| Extreme | 15.0               | 25.7            | 40.8                   | 28.5                                                                    | 3.5   | 21    |
| Date    | 3                  | 4               | 4                      | 22                                                                      | 1     | 21    |

July Temperatures



|                                       |              |
|---------------------------------------|--------------|
| July 2025 Maximum Monthly temperature | 12th coolest |
| July 2025 Minimum Monthly temperature | 39th coolest |
| July 2025 Mean Monthly temperature    | 23rd coolest |

July Precipitation



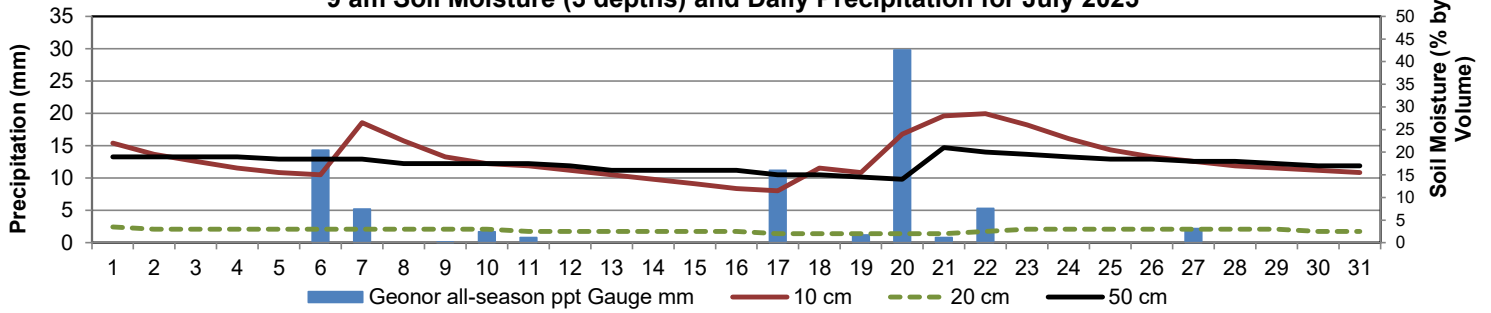
|                                       |              |
|---------------------------------------|--------------|
| July 2025 Total Monthly precipitation | 20th wettest |
|---------------------------------------|--------------|

Note: Red numbers indicate manual calculation; Red cell indicate data not available

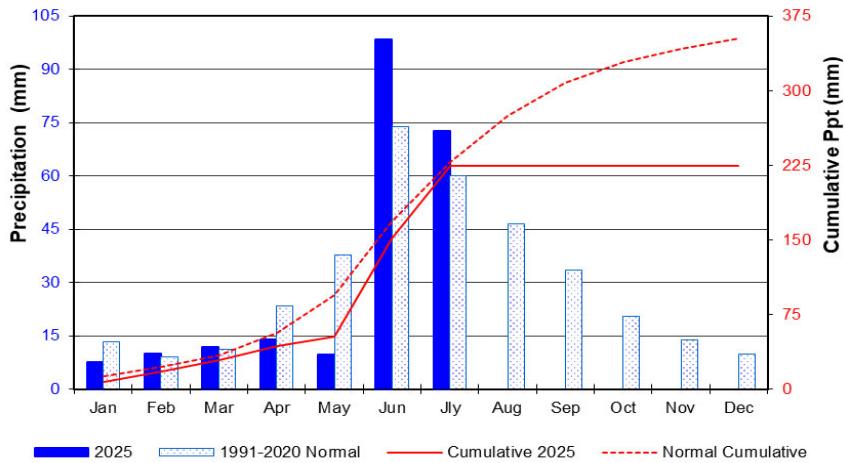
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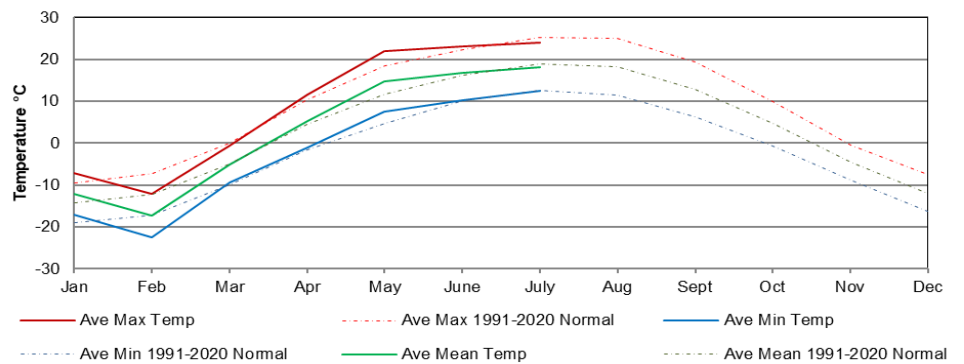
9 am Soil Moisture (3 depths) and Daily Precipitation for July 2025



2025 Monthly Precipitation

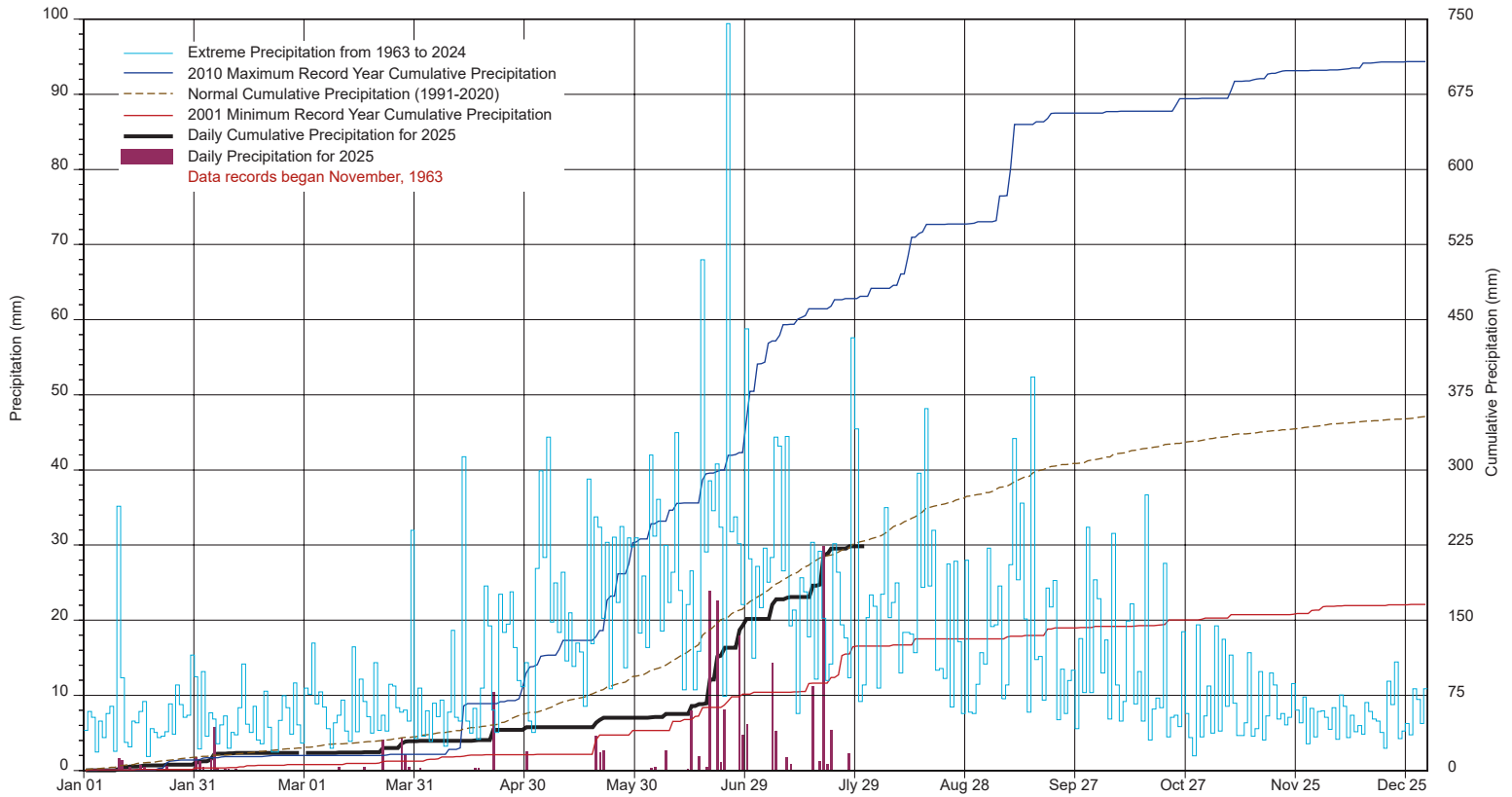


2025 Monthly Temperature

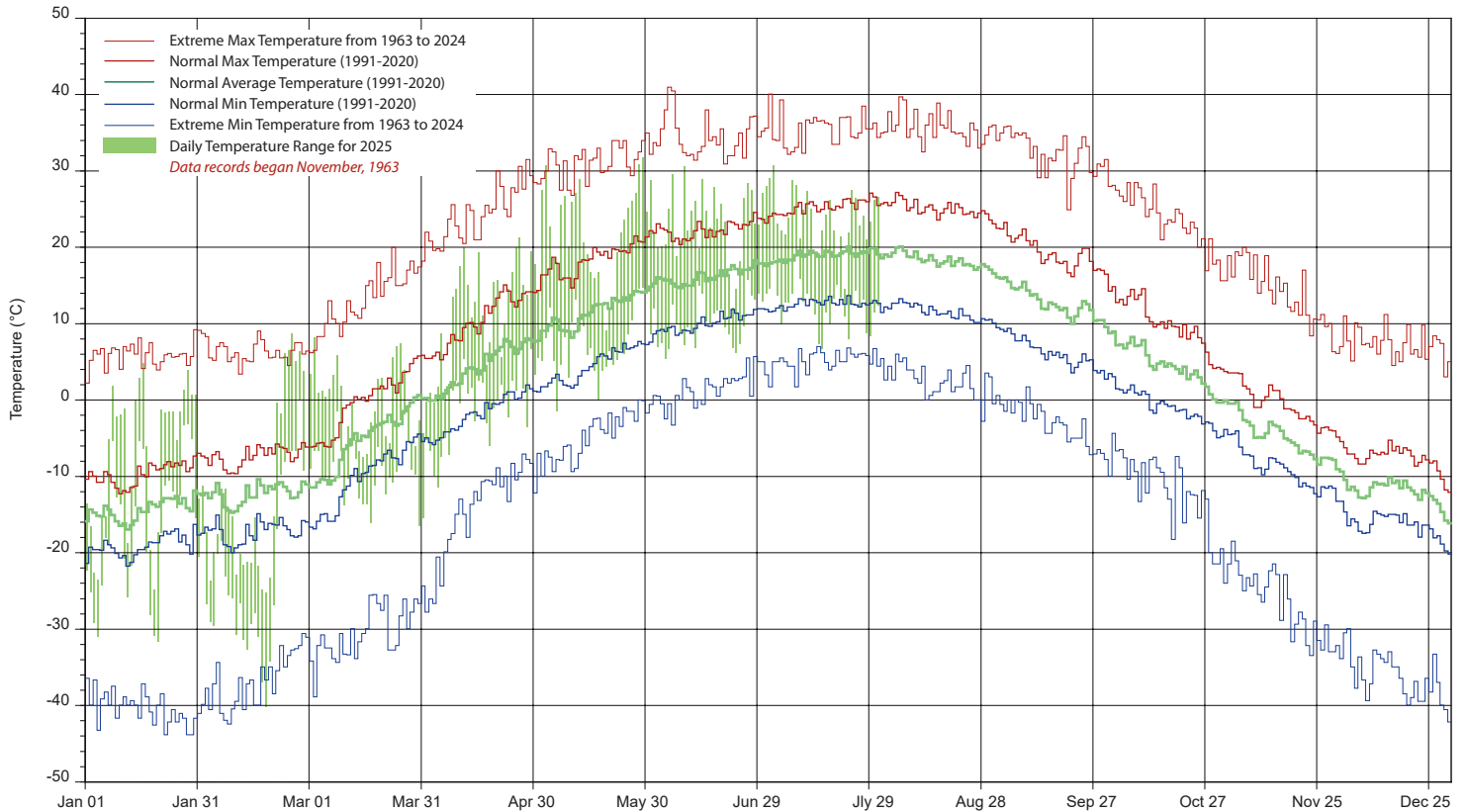


# SASKATCHEWAN RESEARCH COUNCIL SASKATOON CLIMATE REFERENCE STATION

## 2025 PRECIPITATION AND NORMALS



## 2025 TEMPERATURES AND NORMALS



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