

Environment Canada Imaging Cover Page

Report N.:



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SKP Box Number: 672572447

EXTREME SUMMERS AT TORONTO, ONTARIO, 1840-1977

WETTEST SUMMERS ON RECORD AT TORONTO
(millimetres)


| YEAR | SUMMER | JUNE | JULY | AUGUST |
|----------------|-----------------|-----------------|-----------------|-----------------|
| 1841 | 402.6 | 39.1 | 206.8 | 156.7 |
| 1878 | 371.9 | 48.5 | 143.3 | 180.1 |
| 1928 | 370.8 | 100.8 | 143.3 | 126.7 |
| 1843 | 357.6 | 117.1 | 117.1 | 123.4 |
| 1915 | 355.4 | 34.0 | 114.6 | 206.8 |
| 1977 | 353.1 | 89.9 | 139.5 | 123.7 |
| 1857 | 353.1 | 129.8 | 88.9 | 134.4 |
| 1870 | 341.2 | 205.5 | 48.3 | 87.4 |
| 1869 | 338.3 | 112.0 | 117.3 | 109.0 |
| 1840 | 331.7 | 123.4 | 134.4 | 73.9 |
| 1917 | 331.5 | 127.3 | 91.2 | 113.0 |
| 1850 | 331.0 | 85.6 | 134.4 | 111.0 |
| <u>NORMAL</u> | | | | |
| 1941-70 | 211.1 | 63.0 | 80.8 | 67.3 |
| <u>WETTEST</u> | | | | |
| 1840-1977 | 402.6 (1841) | 205.5 (1870) | 206.8 (1841) | 206.8 (1915) |

This Summer (June-July and August 1977) tied with 1857 to become the sixth (6) wettest on record in Toronto. The total precipitation was 353.1 millimetres some 142.0 millimetres wetter than the (1941-1970) normal of 211.1 millimetres. It was also the wettest summer since 1928.

DRIEST SUMMERS ON RECORD AT TORONTO

(millimetres)

| YEAR | SUMMER | JUNE | JULY | AUGUST |
|---------------|----------------|---------------|---------------|-------------|
| 1899 | 49.8 | 17.0 | 25.9 | 6.9 |
| 1894 | 78.3 | 27.7 | 40.9 | 9.7 |
| 1959 | 85.3 | 19.8 | 31.2 | 34.3 |
| 1898 | 94.7 | 49.5 | 17.8 | 27.4 |
| 1868 | 109.7 | 56.6 | 13.2 | 39.9 |
| 1896 | 112.8 | 28.2 | 55.6 | 29.0 |
| 1873 | 115.5 | 17.5 | 49.0 | 49.0 |
| 1949 | 117.6 | 1.5 | 79.8 | 36.3 |
| 1848 | 118.1 | 47.2 | 48.5 | 22.4 |
| 1876 | 124.0 | 40.4 | 83.6 | T |
| 1853 | 129.3 | 39.9 | 23.6 | 65.8 |
| <u>NORMAL</u> | | | | |
| 1941-1970 | 211.1 | 63.0 | 80.8 | 67.3 |
| <u>DRIEST</u> | | | | |
| 1840-1977 | 49.8 (1899) | 1.5 (1949) | 7.4 (1954) | T (1876) |

DA/September 1, 1977.

Meteorological Applications Branch,
 Atmospheric Environment Service,
 4905 Dufferin Street,
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 M3H 5T4

EXTREME SUMMERS AT TORONTO, ONTARIO, 1840-1977

WETTEST SUMMERS ON RECORD AT TORONTO
(inches)

| YEAR | SUMMER | JUNE | JULY | AUGUST |
|----------------|-----------------|----------------|----------------|----------------|
| 1841 | 15.85 | 1.54 | 8.14 | 6.17 |
| 1878 | 14.64 | 1.91 | 5.64 | 7.09 |
| 1928 | 14.60 | 3.97 | 5.64 | 4.99 |
| 1843 | 14.08 | 4.61 | 4.61 | 4.86 |
| 1915 | 13.99 | 1.34 | 4.51 | 8.14 |
| 1977 | 13.90 | 3.54 | 5.49 | 4.87 |
| 1857 | 13.90 | 5.11 | 3.50 | 5.29 |
| 1870 | 13.43 | 8.09 | 1.90 | 3.44 |
| 1869 | 13.32 | 4.41 | 4.62 | 4.29 |
| 1840 | 13.06 | 4.86 | 5.29 | 2.91 |
| 1917 | 13.05 | 5.01 | 3.59 | 4.45 |
| 1850 | 13.03 | 3.37 | 5.29 | 4.37 |
| <u>NORMAL</u> | | | | |
| 1941-70 | 8.31 | 2.48 | 3.18 | 2.65 |
| <u>WETTEST</u> | | | | |
| 1840-1977 | 15.85 (1841) | 8.09 (1870) | 8.14 (1841) | 8.14 (1915) |

This Summer (June-July and August 1977) tied with 1857 to become the sixth (6) wettest on record in Toronto. The total precipitation was 13.90 inches some 5.59 inches wetter than the (1941-70) normal of 8.31 inches. It was also the wettest summer since 1928.

DRIEST SUMMERS ON RECORD AT TORONTO
(inches)

| YEAR | SUMMER | JUNE | JULY | AUGUST |
|----------------------------|----------------|----------------|----------------|-------------|
| 1899 | 1.96 | 0.67 | 1.02 | 0.27 |
| 1894 | 3.08 | 1.09 | 1.61 | 0.38 |
| 1959 | 3.36 | 0.78 | 1.23 | 1.35 |
| 1898 | 3.73 | 1.95 | 0.70 | 1.08 |
| 1868 | 4.32 | 2.23 | 0.52 | 1.57 |
| 1896 | 4.44 | 1.11 | 2.19 | 1.14 |
| 1873 | 4.55 | 0.69 | 1.93 | 1.93 |
| 1949 | 4.63 | 0.06 | 3.14 | 1.43 |
| 1848 | 4.65 | 1.86 | 1.91 | 0.88 |
| 1876 | 4.88 | 1.59 | 3.29 | T |
| 1853 | 5.09 | 1.57 | 0.93 | 2.59 |
| <u>NORMAL</u> | | | | |
| 1941-70 | 8.31 | 2.48 | 3.18 | 2.65 |
| <u>DRIEST</u> 1840-1977 | 1.96 (1899) | 0.06 (1949) | 0.29 (1954) | T (1876) |

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