

1.—Long-Term Average of Climatic Data for Representative Canadian Stations—conc.

NOTE.—For full explanation of terms used and observing methods see p. 34.

FORT SIMPSON, N.W.T.—61°52'N. 121°21'W. 415 FEET ABOVE SEA

| | TEMPERATURE | | | | | | | PRECIPITATION | | | | |
|-----------------|------------------------|----------------------|-----------------|----------------------|----------------------|--------------|-------------------------|--------------------|------------------|--------------|-------------|----------------------------------------|
| | Average Daily | | | Extremes | | | | Rain | | Snow | | Total Pre- cipitation (water) |
| | Mean | High | Low | Average | | Record | | Inches | Days | Inches | Days | |
| | | | | High | Low | High | Low | | | | | |
| °F. | °F. | °F. | °F. | °F. | °F. | °F. | No. | No. | No. | No. | in. | |
| Jan..... | -18.3 | -10.0 | -26.6 | 23 | -49 | 53 | -66 | — | — | 7.2 | 6 | 0.72 |
| Feb..... | -10.7 | -0.2 | -21.2 | 28 | -44 | 60 | -69 | — | — | 7.0 | 5 | 0.70 |
| Mar..... | 1.0 | 12.7 | -10.6 | 40 | -34 | 54 | -52 | — | — | 4.8 | 8 | 0.48 |
| Apr..... | 26.0 | 37.6 | 14.4 | 61 | -14 | 71 | -37 | 0.12 | 2 | 5.8 | 3 | 0.70 |
| May..... | 44.7 | 55.9 | 33.4 | 76 | 22 | 95 | -9 | 0.96 | 7 | 4.1 | 1 | 1.37 |
| June..... | 56.1 | 67.5 | 44.7 | 83 | 33 | 95 | 25 | 1.46 | 7 | — | 1 | 1.46 |
| July..... | 61.7 | 73.5 | 49.9 | 86 | 39 | 94 | 31 | 1.99 | 10 | — | — | 1.99 |
| Aug..... | 57.2 | 68.5 | 45.9 | 84 | 32 | 93 | 21 | 1.46 | 9 | 0.1 | 1 | 1.47 |
| Sept..... | 46.1 | 56.0 | 36.1 | 74 | 24 | 86 | 7 | 1.24 | 6 | 0.7 | 1 | 1.31 |
| Oct..... | 28.6 | 35.7 | 21.4 | 63 | 2 | 87 | -18 | 0.26 | 3 | 8.1 | 5 | 1.07 |
| Nov..... | 4.3 | 11.2 | -2.7 | 36 | -24 | 54 | -41 | — | — | 8.5 | 8 | 0.85 |
| Dec..... | -12.1 | -4.4 | -19.8 | 22 | -41 | 45 | -64 | 0.01 | 1 | 8.3 | 8 | 0.84 |
| Year.... | 23.7 | 33.7 | 13.7 | 88 | -53 | 95 | -69 | 7.50 | 44 | 54.6 | 44 | 12.96 |
| | HEAT- ING FACTOR | WIND | | | | THUN- DER | BRIGHT SUN- SHINE | FROST ² | HUMIDITY | | | |
| | | Most Prevalent | | Second Prevalent | | | | | Average Speed | Days with | Hours of | Days with |
| | Dirrec- tion | Per- cent- age | Dirrec- tion | Per- cent- age | Miles per Hour | No. | No. | No. | 24- Hour | | | |
| | No. | | | | | No. | No. | No. | | p.c. | p.c. | |
| Jan..... | 2,582 | NW. | 19 | N. | 15 | 5.9 | — | .. | 31 | 0.3 | 83 | 83 |
| Feb..... | 2,120 | N. | 19 | NW. | 18 | 6.7 | — | .. | 28 | 0.3 | 83 | 81 |
| Mar..... | 1,984 | N. | 19 | NW. | 17 | 6.4 | — | .. | 31 | 1.0 | 76 | 66 |
| Apr..... | 1,170 | N. | 17 | SE. | 15 | 6.1 | 1 | .. | 29 | 2.1 | 67 | 54 |
| May..... | 629 | SE. | 18 | N. | 15 | 6.7 | 1 | .. | 12 | 4.1 | 62 | 46 |
| June..... | 307 | N. | 14 | S. | 13 | 6.1 | 1 | .. | 1 | 6.0 | 59 | 42 |
| July..... | 120 | NW. | 14 | N. | 12 | 6.0 | 1 | .. | — | 7.1 | 62 | 43 |
| Aug..... | 278 | NW. | 15 | N. | 13 | 6.7 | 1 | .. | 1 | 6.6 | 65 | 49 |
| Sept..... | 567 | N. | 13 | NW. | 12 | 5.9 | 1 | .. | 8 | 4.6 | 71 | 59 |
| Oct..... | 1,097 | S. | 19 | NW. | 13 | 5.7 | — | .. | 24 | 3.1 | 82 | 78 |
| Nov..... | 1,821 | NW. | 17 | N. | 12 | 5.9 | — | .. | 30 | 0.7 | 87 | 88 |
| Dec..... | 2,390 | NW. | 20 | W. | 14 | 5.4 | — | .. | 31 | 0.3 | 80 | 80 |
| Year.... | 15,065 | NW. | 15 | N. | 14 | 6.1 | 3 | .. | 226 | 3.0 | 73 | 64 |

¹ Less than 5 days in 10 years.² Average date of last spring frost June 5; of first autumn frost Aug. 28.