

Table 112: Precipitation Recorded at Selected Alberta Stations, 1998-2003

| | Normal (1) | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
|-------------------------------------|------------|-------|-------|-------|-------|-------|-------|
| millimetres (April 1 to October 31) | | | | | | | |
| Medicine Hat..... | 257.1 | 433.1 | 310.3 | 209.2 | 146.3 | 460.7 | 252.2 |
| Lethbridge..... | 297.0 | 386.5 | 290.9 | 207.4 | 198.9 | 482.1 | 205.6 |
| Pincher Creek..... | - | 503.1 | 401.1 | 190.5 | - | 509.5 | 177.1 |
| Calgary..... | 347.4 | 537.7 | 456.8 | 412.8 | 318.4 | 286.9 | 375.2 |
| Red Deer..... | 401.8 | 486.0 | 641.9 | 507.0 | 327.3 | 323.2 | 338 |
| Lloydminster..... | 338.8 | 284.0 | 387.9 | 459.0 | 231.3 | 177.4 | 386.7 |
| Vegreville..... | 327.0 | 305.4 | 305.3 | 402.3 | 285.0 | 161.4 | 354.6 |
| Edmonton Intrnl. Airport..... | 399.4 | 511.3 | 433.5 | 452.7 | 397.6 | 201.9 | 287.8 |
| Whitecourt..... | 473.9 | 372.1 | 343.7 | 499.4 | - | 255.6 | 259.2 |
| Cold Lake..... | 350.1 | 427.6 | 322.4 | 377.9 | 355.9 | 218.2 | 500.9 |
| Fort McMurray..... | 359.4 | 265.5 | 351.2 | 417.3 | 382.1 | 356.9 | 414.2 |
| Grande Prairie..... | 329.7 | 353.9 | 289.2 | 407.2 | 368.7 | 300.5 | 255.1 |
| Peace River..... | 311.3 | 217.5 | 306.2 | 506.0 | 295.0 | 200.5 | 261.2 |
| High Level..... | 293.9 | 307.5 | 389.2 | 274.1 | 397.3 | 179.2 | 195.8 |
| % of Normal | | | | | | | |
| Medicine Hat..... | | 168.5 | 120.7 | 81.4 | 56.9 | 179.2 | 98.1 |
| Lethbridge..... | | 130.1 | 97.9 | 69.8 | 67.0 | 162.3 | 69.2 |
| Pincher Creek..... | | - | - | - | - | - | - |
| Calgary..... | | 154.8 | 131.5 | 118.8 | 91.7 | 82.6 | 108.0 |
| Red Deer..... | | 121.0 | 159.8 | 126.2 | 81.5 | 80.4 | 84.1 |
| Lloydminster..... | | 83.8 | 114.5 | 135.5 | 68.3 | 52.4 | 114.1 |
| Vegreville..... | | 93.4 | 93.4 | 123.0 | 87.2 | 49.4 | 108.4 |
| Edmonton Intrnl. Airport..... | | 128.0 | 108.5 | 113.3 | 99.5 | 50.6 | 72.1 |
| Whitecourt..... | | 78.5 | 72.5 | 105.4 | - | 53.9 | 54.7 |
| Cold Lake..... | | 122.1 | 92.1 | 107.9 | 101.7 | 62.3 | 143.1 |
| Fort McMurray..... | | 73.9 | 97.7 | 116.1 | 106.3 | 99.3 | 115.2 |
| Grande Prairie..... | | 107.3 | 87.7 | 123.5 | 111.8 | 91.1 | 77.4 |
| Peace River..... | | 69.9 | 98.4 | 162.5 | 94.8 | 64.4 | 83.9 |
| High Level..... | | 104.6 | 132.4 | 93.3 | 135.2 | 61.0 | 66.6 |

(1) Normal refers to 1971-2000 long-term average.

Source: Conservation and Development Branch of Alberta Agriculture, Food and Rural Development; and Environment Canada

Table 113: Crop Area Assessment in Alberta Irrigation Districts, 1998-2003

| | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
|-------------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| Acres | | | | | | |
| Cereals..... | 394,666 | 413,741 | 454,754 | 428,397 | 397,162 | 393,967 |
| Forages..... | 490,771 | 492,915 | 556,389 | 626,546 | 669,550 | 636,214 |
| Oilseeds..... | 117,855 | 119,334 | 73,785 | 47,939 | 58,076 | 103,043 |
| Specialty Crops..... | 140,087 | 173,073 | 179,881 | 169,125 | 166,282 | 162,107 |
| Other..... | 8,774 | 12,610 | 36,174 | 36,778 | 32,033 | 30,107 |
| Total Crops..... | 1,152,153 | 1,211,673 | 1,300,983 | 1,308,785 | 1,323,103 | 1,325,438 |

Cereals: Barley, CPS Wheat, Durum, Grain Corn, Hard Spring Wheat, Malt Barley, Oats, Rye, Soft Wheat, Triticale, and Winter Wheat.

Forages: Alfalfa Hay and Silage, Barley Silage, Brome Hay, Corn Silage, Grass Hay, Green Feed, Milk Vetch, Native Pasture, Oats Silage, Sorghum/Sudan Grass, Tame Pasture, Timothy Hay.

Oilseeds: Canola, Flax, Hyola, Linola, Mustard.

Specialty Crops: Alfalfa Seed, Canary Seed Caraway Seed, Carrots, Dill, Dry Beans, Dry Peas, Fresh Corn (sweet), Fresh Peas, Grass Seed, Hemp, Lawn Turf, Lentils, Market Gardens, Mint, Monarda, Nursery, Onions, Potatoes, Safflower, Seed Potatoes, Small Fruit, Sugar Beets, Sunflower

Other: Miscellaneous, Non Crop, Summerfallow, Unknown (not reported)

Source: Irrigation Branch of Alberta Agriculture, Food and Rural Development