

1993 WEATHER STATS - # 1

|            | Jan   | Feb   | Mar   | Apr   | May   | Jun   | Jul   | Aug   | Sep   | Oct   | Nov   | Dec   | Avg   | Max   | Low   |
|------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Mean Temp  | 31.16 | 26.14 | 35.65 | 47.07 | 59.45 | 66.73 | 73.03 | 72.10 | 63.50 | 51.94 | 44.50 | 34.10 | 50.45 | 73.03 | 26.14 |
| Normal     | 30.3  | 31.3  | 38.1  | 46.6  | 55.7  | 64.7  | 70.8  | 70.6  | 64.3  | 55.0  | 45.6  | 35.0  | 50.7  |       |       |
| DFN        | +0.86 | -5.16 | -2.45 | +0.47 | +3.75 | +2.03 | +2.23 | +1.50 | -0.80 | -3.06 | -1.10 | -0.90 | -0.22 | +3.75 | -5.16 |
| Avg High   | 37.61 | 34.36 | 43.35 | 55.13 | 68.90 | 75.43 | 82.16 | 79.81 | 69.80 | 58.94 | 51.93 | 39.65 | 58.09 |       |       |
| Normal     | 37.9  | 39.1  | 46.2  | 55.1  | 64.2  | 72.7  | 78.3  | 78.0  | 72.1  | 62.9  | 52.9  | 42.5  | 58.5  | 78.3  | 37.9  |
| DFN        | -0.29 | -4.74 | -2.85 | +0.03 | +4.70 | +2.73 | +3.86 | +1.81 | -2.30 | -3.96 | -0.97 | -2.85 | -0.40 | +4.70 | -4.74 |
| Avg Low    | 24.10 | 17.29 | 27.52 | 38.60 | 49.55 | 57.53 | 63.32 | 63.77 | 56.83 | 44.39 | 36.53 | 28.00 | 42.29 |       |       |
| Normal     | 22.6  | 23.1  | 29.9  | 38.4  | 47.3  | 56.7  | 63.0  | 63.1  | 56.5  | 47.1  | 38.2  | 27.5  | 42.8  | 63.1  | 22.6  |
| DFN        | +1.50 | -5.81 | -2.38 | +0.20 | +2.25 | +0.83 | +0.32 | +0.67 | +0.33 | -2.71 | -1.67 | +0.50 | -0.50 | +2.25 | -5.81 |
| High Dep   | +16   | +8    | +11   | +11   | +11   | +10   | +13   | +8    | +6    | +5    | +14   | +13   | +11   | +16   | +5    |
| Low Dep    | -10   | -19   | -20   | -9    | -7    | -9    | -8    | -5    | -12   | -12   | -14   | -21   | -12   | -5    | -21   |
| Total Dep  | +26   | -145  | -77   | +13   | +115  | +60   | +71   | +45   | -25   | -96   | -34   | -29   | -6    | +115  | -145  |
| T Dep Avg  | +15   | -60   | -47   | +3    | +81   | +22   | +57   | +10   | +8    | -52   | -36   | +22   | +2    | +81   | -60   |
| T Dep High | +35   | -13   | +6    | +30   | +116  | +60   | +86   | +45   | +32   | -9    | -8    | +61   | +37   | +116  | -13   |
| T Dep Low  | -10   | -145  | -111  | -28   | +6    | -11   | -3    | -6    | -25   | -96   | -67   | -29   | -44   | +6    | -145  |
| Avg Dif    | 13.5  | 17.1  | 15.8  | 16.5  | 19.4  | 17.9  | 18.8  | 16.0  | 13.0  | 14.5  | 15.4  | 11.6  | 15.8  | 19.4  | 11.6  |
| High Dif   | 28    | 33    | 26    | 32    | 32    | 28    | 26    | 21    | 21    | 27    | 24    | 25    | 27    | 33    | 21    |
| Low Dif    | 5     | 6     | 3     | 5     | 4     | 5     | 7     | 11    | 4     | 2     | 9     | 3     | 5     | 11    | 2     |
| High Max   | 55    | 47    | 64    | 66    | 81    | 89    | 95    | 86    | 84    | 68    | 68    | 56    | 72    | 95    | 47    |
| Low Max    | 23    | 21    | 26    | 37    | 52    | 55    | 67    | 75    | 57    | 48    | 34    | 15    | 43    | 75    | 15    |
| High Min   | 42    | 31    | 42    | 48    | 57    | 64    | 71    | 70    | 67    | 57    | 52    | 43    | 54    | 71    | 31    |
| Low Min    | 14    | -2    | 10    | 30    | 44    | 49    | 53    | 54    | 43    | 33    | 22    | 7     | 30    | 54    | -2    |
| Heating DD | 1049  | 1088  | 910   | 538   | 173   | 40    | 1     |       | 113   | 405   | 615   | 958   | 491   | 1088  |       |
| Normal     | 1075  | 943   | 833   | 531   | 257   | 42    |       | 7     | 87    | 339   | 622   | 940   | 473   |       |       |
| DFN        | -26   | +145  | +77   | +7    | -84   | -2    | +1    | -7    | +26   | +66   | -7    | +18   | +18   | +145  | -84   |
| % Of Norm  | 98%   | 115%  | 109%  | 101%  | 67%   | 95%   |       |       | 130%  | 119%  | 99%   | 102%  | 86%   | 130%  |       |
| Seas HDD   | 3255  | 4343  | 5253  | 5791  | 5964  | 6004  | 1     | 1     | 114   | 519   | 1134  | 2092  |       |       |       |
| Seas Norm  | 3070  | 4013  | 4846  | 5377  | 5634  | 5676  |       | 7     | 94    | 433   | 1055  | 1995  |       |       |       |
| Seas Dep   | +185  | +330  | +407  | +414  | +330  | +328  | +1    | -6    | +20   | +86   | +79   | +97   |       |       |       |
| % Of Norm  | 106%  | 108%  | 108%  | 108%  | 106%  | 106%  |       | 14%   | 121%  | 120%  | 107%  | 105%  |       |       |       |
| Cooling DD |       |       |       |       | 1     | 92    | 250   | 220   | 68    |       |       |       | 53    | 250   |       |
| Normal     |       |       |       |       | 6     | 84    | 229   | 199   | 55    | 6     |       |       | 48    |       |       |
| DFN        |       |       |       |       | -5    | +8    | +21   | +21   | +13   | -6    |       |       | +4    | +21   | -6    |
| % Of Norm  |       |       |       |       | 17%   | 110%  | 109%  | 111%  | 124%  |       |       |       | 39.1% | 124%  |       |
| Year CDD   |       |       |       |       | 1     | 93    | 343   | 563   | 631   | 631   | 631   | 631   |       |       |       |
| Year Norm  |       |       |       |       | 6     | 90    | 319   | 518   | 573   | 579   | 579   | 579   |       |       |       |
| Year Dep   |       |       |       |       | -5    | +3    | +24   | +45   | +58   | +52   | +52   | +52   |       |       |       |
| % Of Norm  |       |       |       |       | 17%   | 103%  | 108%  | 109%  | 110%  | 109%  | 109%  | 109%  |       |       |       |
| % Sunshine | 42%   | 57%   | 45%   | 30%   | 52%   | 57%   | 71%   | 42%   | 47%   | 55%   | 57%   | 45%   | 49.9% | 71%   | 30%   |
| Avg THI    |       |       |       |       |       | 75.7  | 83.9  | 81.4  | 70.4  |       |       |       | 77.85 | 83.9  | 70.4  |
| High THI   |       |       |       |       |       | 93    | 105   | 94    | 90    |       |       |       | 96    | 105   | 90    |
| Avg WC     | 13.0  | 3.3   | 17.5  | 30.8  |       |       |       |       |       |       | 31.6  | 17.8  | 18.99 | 31.6  | 3.3   |
| Low WC     | -4    | -19   | -6    | 20    |       |       |       |       |       |       | 10    | -10   | -2    | 20    | -19   |
|            | Jan   | Feb   | Mar   | Apr   | May   | Jun   | Jul   | Aug   | Sep   | Oct   | Nov   | Dec   | Avg   | Max   | Low   |

1993 WEATHER STATS - # 2

|             | Jan   | Feb   | Mar   | Apr   | May   | Jun   | Jul   | Aug   | Sep   | Oct   | Nov   | Dec   | Avg    | Max   | Low   |
|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|-------|
| Tot Liquid  | 2.35  | 4.34  | 6.70  | 5.22  | .98   | 1.43  | 3.40  | .33   | 2.67  | 3.98  | 2.94  | 6.43  | 3.40   | 6.70  | .33   |
| Normal      | 3.83  | 3.63  | 4.14  | 4.15  | 3.68  | 3.14  | 2.85  | 3.31  | 3.47  | 3.52  | 4.71  | 4.38  | 3.73   |       |       |
| DFN         | -1.48 | +71   | +2.56 | +1.07 | -2.70 | -1.71 | +55   | -2.98 | -.80  | +46   | -1.77 | +2.05 | -.34   | 2.56  | -2.98 |
| % Of Norm   | 61%   | 120%  | 162%  | 126%  | 27%   | 46%   | 119%  | 10%   | 77%   | 113%  | 62%   | 147%  | 89%    | 162%  | 10%   |
| Avg Day     | .08   | .16   | .22   | .17   | .03   | .05   | .11   | .01   | .09   | .13   | .10   | .21   | .11    | .22   | .01   |
| % Of Precip | 48%   | 32%   | 52%   | 47%   | 29%   | 23%   | 26%   | 16%   | 43%   | 32%   | 37%   | 61%   | 37.2%  | 61%   | 16%   |
| Year Liq    | 2.35  | 6.69  | 13.39 | 18.61 | 19.59 | 21.02 | 24.42 | 24.75 | 27.42 | 31.40 | 34.34 | 40.77 |        |       |       |
| Year Norm   | 3.83  | 7.46  | 11.60 | 15.75 | 19.43 | 22.57 | 25.42 | 28.73 | 32.20 | 35.72 | 40.43 | 44.81 |        |       |       |
| Year DFN    | -1.48 | -.77  | +1.79 | +2.86 | +1.16 | -1.55 | -1.00 | -3.98 | -4.78 | -4.32 | -6.09 | -4.04 |        |       |       |
| % Of Norm   | 61%   | 90%   | 115%  | 118%  | 101%  | 93%   | 96%   | 86%   | 85%   | 88%   | 85%   | 91%   |        |       |       |
| High 1 Day  | 1.01  | 1.89  | 2.37  | 1.54  | .22   | .85   | 1.41  | .14   | .89   | 1.01  | 1.22  | 2.81  |        | 2.81  |       |
| High 1 Hour | .29   | .32   | .73   | .31   | .08   | .26   | 1.12  | .08   | .24   | .26   | .33   | .71   |        | 1.12  |       |
| Tot Snow    | 4.9   | 8.9   | 13.8  | T     |       |       |       |       |       |       | T     | 9.5   | 3.71   | 13.80 | .00   |
| Normal      | 9.4   | 9.6   | 7.6   | 0.7   | 0.1   |       |       |       |       | 0.1   | 1.0   | 7.0   | 3.0    | 9.6   | 0.0   |
| DFN         | -4.5  | -0.7  | +6.2  | -0.7  | -0.1  |       |       |       |       | -0.1  | -1.0  | +2.5  | +0.1   | +6.2  | -4.5  |
| % Of Norm   | 52%   | 93%   | 182%  |       |       |       |       |       |       |       |       | 136%  | 39%    | 182%  | 0%    |
| Avg Day     | 0.2   | 0.3   | 0.4   | T     |       |       |       |       |       |       | T     | 0.3   | .12    | .45   | .00   |
| % Of Snow   | 23%   | 25%   | 29%   |       |       |       |       |       |       |       |       | 16%   | 7.7%   | 29%   | 0%    |
| High 1 Day  | 1.8   | 3.1   | 7.4   | T     |       |       |       |       |       |       | T     | 5.8   |        | 7.40  |       |
| Avg Depth   |       |       |       |       |       |       |       |       |       |       |       |       |        |       |       |
| High Depth  |       |       |       |       |       |       |       |       |       |       |       |       |        |       |       |
| Seas Snow   | 8.0   | 16.9  | 30.7  | 30.7  | 30.7  | 30.7  |       |       |       |       | T     | 9.5   |        |       |       |
| Seas Norm   | 17.5  | 27.1  | 34.7  | 35.4  | 35.5  | 35.5  |       |       |       | 0.1   | 1.1   | 8.1   |        |       |       |
| Seas DFN    | -9.5  | -10.2 | -4.0  | -4.7  | -4.8  | -4.8  |       |       |       | -0.1  | -1.1  | +1.4  |        |       |       |
| % Of Norm   | 46%   | 62%   | 88%   | 87%   | 86%   | 86%   |       |       |       |       |       | 117%  |        |       |       |
| Avg Barom   | 30.12 | 29.99 | 30.03 | 29.96 | 29.99 | 29.98 | 29.88 | 30.04 | 30.05 | 30.03 | 30.11 | 29.96 | 30.011 | 30.12 | 29.88 |
| High Barom  | 30.71 | 30.62 | 30.82 | 30.44 | 30.51 | 30.29 | 30.02 | 30.33 | 30.29 | 30.45 | 30.69 | 30.87 | 30.50  | 30.87 | 30.02 |
| Low Barom   | 29.28 | 29.10 | 28.50 | 29.17 | 29.51 | 29.58 | 29.77 | 29.75 | 29.67 | 29.50 | 29.49 | 29.05 | 29.36  | 29.77 | 28.50 |
| Avg RH%     | 70.6  | 63.0  | 71.5  | 71.5  | 67.1  | 70.4  | 70.5  | 77.7  | 81.7  | 76.7  | 72.4  | 74.8  | 72.3   | 81.7  | 63.0  |
| High RH%    | 95    | 92    | 96    | 95    | 94    | 92    | 93    | 88    | 99    | 99    | 96    | 98    | 95     | 99    | 88    |
| Low RH%     | 39    | 39    | 35    | 41    | 44    | 39    | 54    | 62    | 50    | 52    | 47    | 39    | 45     | 62    | 35    |
| Avg Dew     | 21.77 | 13.61 | 25.85 | 37.12 | 48.15 | 55.32 | 60.32 | 63.92 | 57.70 | 44.42 | 35.72 | 26.05 | 40.83  | 63.92 | 13.61 |
| High Dew    | 55    | 47    | 53    | 58    | 61    | 69    | 74    | 76    | 75    | 63    | 61    | 56    | 62     | 76    | 47    |
| Low Dew     | -14   | -14   | -10   | 5     | 31    | 36    | 44    | 47    | 26    | 19    | 4     | -13   | 13     | 47    | -14   |
| Avg Winds   | 7.51  | 8.19  | 7.93  | 8.09  | 4.92  | 5.29  | 4.41  | 4.04  | 4.96  | 5.68  | 6.24  | 7.31  | 6.21   | 8.19  | 4.04  |
| Direction   | WNW   | N     | WNW   | NNE   | N     | SW    | WNW   | SSW   | N     | WNW   | SW    | N     | WNW    | N     | SSW   |
| High Wind   | 13.7  | 12    | 19.5  | 12.7  | 7.7   | 10.9  | 7.6   | 6.2   | 8.3   | 10.6  | 16.5  | 17.5  | 11.9   | 19.5  | 6.2   |
| Low Wind    | 2.4   | 2.6   | 3.1   | 3.4   | 2.8   | 2.3   | 2     | 2.2   | 1.8   | 1.8   | 1.2   | 0.8   | 2.2    | 3.4   | .8    |
| Avg Gust    | 25.77 | 26.25 | 25.81 | 28.20 | 19.19 | 20.17 | 18.74 | 17.45 | 20.70 | 23.23 | 24.57 | 26.10 | 23.01  | 28.2  | 17.5  |
| Direction   | WNW   | N     | SW    | NE    | SW    | SSW   | SSW   | SSW   | SSW   | NNW   | SW    | N     | SSW    | NE    | SSW   |
| High Gust   | 56    | 41    | 61    | 41    | 28    | 30    | 27    | 26    | 36    | 35    | 48    | 47    | 40     | 61    | 26    |
| Low Gust    | 7     | 12    | 13    | 16    | 13    | 12    | 13    | 13    | 11    | 11    | 12    | 8     | 12     | 16    | 7     |