

16 YEAR SUMMARY OF ANNUAL VALUES FOR BIG BAY (0770)

| Y<br>E<br>A<br>R | TEMPERATURE (F) |             |               |              |          |             |       | TOTAL NUMBER   |              | PRECIPITATION (IN) |                 |          |       |                 |      |
|------------------|-----------------|-------------|---------------|--------------|----------|-------------|-------|----------------|--------------|--------------------|-----------------|----------|-------|-----------------|------|
|                  | MEANS           |             |               |              | EXTREMES |             |       | OF             |              | LIQ. EQUIV.        |                 | SNOWFALL |       |                 |      |
|                  | MEAN<br>MAX     | MEAN<br>MIN | MONTH<br>MEAN | HIGH-<br>EST | DATE     | LOW-<br>EST | DATE  | DEGREE<br>HEAT | DAYS<br>COOL | AMT.               | GREATEST<br>AMT | MON      | AMT.  | GREATEST<br>AMT | MON  |
| 1981             | 52.4            | 32.1        | 42.2          | 94           | 707      | -25         | 212   | 8352           | 191          | 31.31              | 5.12            | Oct      | 138.4 | 45.2            | Dec  |
| 1982             | 50.7            | 30.3        | 40.5          | 91           | 705      | -20         | 117   | 8953           | 175          | 36.16              | 6.10            | Jul      | 174.5 | 66.9            | Jan  |
| 1983             | 51.9            | 33.5        | 42.7          | 97           | 807+     | -15         | 1220  | 8547           | 531          | 45.15              | 6.85            | Sep      | 207.1 | 54.6            | Dec  |
| 1984             | 53.0            | 32.0        | 42.5          | 90           | 828+     | -17         | 121   | 8380           | 267          | 27.22              | 4.72            | Sep      | 154.4 | 44.0            | Jan  |
| 1986             | 53.5            | 33.8        | 43.7          | 97           | 705      | -9          | 308   | 7935           | 313          | 27.07              | 4.34            | Oct      | 92.4  | 29.3            | Mar  |
| 1987             | 56.0            | 35.5        | 45.7          | 94           | 717+     | -7          | 124   | 7297           | 407          | 33.75              | 7.07            | Aug      | 70.8  | 28.0            | Dec  |
| 1988             | 53.4            | 32.7        | 43.1          | 103          | 707      | -15         | 107   | 8377           | 491          | 29.35              | 8.55            | Aug      | 97.9  | 30.9            | Dec  |
| 1989             | 51.5            | 30.5        | 41.0          | 93           | 803      | -14         | 302   | 8909           | 318          | 21.90              | 6.01            | Jun      | 162.7 | 40.8            | Dec  |
| 1990             | 54.3            | 31.9        | 43.1          | 96           | 703      | -12         | 1226  | 8090           | 255          | 28.47              | 5.50            | Sep      | 94.9  | 30.3            | Feb  |
| 1991             | 53.8            | 31.6        | 42.7          | 97           | 827      | -11         | 130   | 8342           | 345          | 29.63              | 5.38            | Jul      | 106.2 | 37.6            | Nov  |
| 1992             | 51.8            | 31.2        | 41.5          | 91           | 824+     | -8          | 116   | 8662           | 168          | 26.99              | 6.62            | Jul      | 117.6 | 38.7            | Dec  |
| 1994             | 51.3            | 31.7        | 41.5          | 86           | 707      | -22         | 208   | 8576           | 157          | 21.44              | 3.07            | Sep      | 80.8  | 43.3            | Jan  |
| 1995             | 50.7            | 32.5        | 41.6          | 97           | 618      | -12         | 1213  | 8764           | 411          | 30.90              | 5.46            | Oct      | 159.2 | 36.6            | Dec  |
| 1996             | 48.6            | 29.3        | 38.9          | 94           | 628      | -25         | 204   | 9611           | 193          | 35.80              | 7.05            | Jun      | 178.0 | 47.6            | Dec  |
| 1997             | 50.9            | 31.0        | 40.9          | 92           | 630      | -15         | 213   | 8792           | 167          | 25.79              | 3.82            | Jan      | 146.1 | 47.0            | Jan  |
| 1998             | 56.5            | 34.4        | 45.5          | 93           | 714      | -6          | 1230  | 7263           | 267          | 20.41              | 3.73            | Nov      | 72.7  | 24.8            | Dec  |
| -----            |                 |             |               |              |          |             |       |                |              |                    |                 |          |       |                 |      |
| P VAL            | 52.5            | 32.1        | 42.3          | 103          | 1988     | -25         | 1996+ | 8428           | 291          | 29.46              | 45.15           | 1983     | 128.4 | 207.1           | 1983 |

Note: + = and on earlier dates

16 YEAR SUMMARY OF ANNUAL VALUES FOR BIG BAY (0770)

| Y<br>E<br>A<br>R | TOTAL NUMBER OF DAYS |      |      |                 |      |         |      |      | GROWING DEGREE DAYS |              |              |              |              |
|------------------|----------------------|------|------|-----------------|------|---------|------|------|---------------------|--------------|--------------|--------------|--------------|
|                  | PRECIP(IN)           |      |      | TEMPERATURE (F) |      |         |      |      | BASE<br>40 F        | BASE<br>45 F | BASE<br>50 F | BASE<br>55 F | CORN<br>8650 |
|                  | =>                   | =>   | =>   | MAXIMUM         |      | MINIMUM |      |      |                     |              |              |              |              |
|                  | 0.10                 | 0.25 | 0.50 | =>100           | =>90 | <=32    | <=32 | <= 0 |                     |              |              |              |              |
| 1981             | 82                   | 32   | 15   | 0               | 4    | 62      | 194  | 17   | 3276                | 2356         | 1609         | 987          | 2037         |
| 1982             | 77                   | 43   | 21   | 0               | 2    | 84      | 178  | 31   | 3299                | 2338         | 1517         | 895          | 1968         |
| 1983             | 85                   | 49   | 28   | 0               | 13   | 79      | 189  | 17   | 3611                | 2752         | 2020         | 1418         | 2275         |
| 1984             | 74                   | 31   | 14   | 0               | 3    | 72      | 186  | 22   | 3567                | 2642         | 1863         | 1187         | 2216         |
| 1986             | 56                   | 36   | 17   | 0               | 9    | 69      | 170  | 9    | 3813                | 2853         | 1990         | 1252         | 2315         |
| 1987             | 78                   | 46   | 20   | 0               | 7    | 50      | 172  | 3    | 3994                | 3018         | 2165         | 1430         | 2530         |
| 1988             | 81                   | 34   | 11   | 3               | 21   | 74      | 190  | 20   | 3857                | 2936         | 2139         | 1456         | 2437         |
| 1989             | 60                   | 23   | 9    | 0               | 3    | 97      | 195  | 31   | 3596                | 2719         | 1935         | 1247         | 2315         |
| 1990             | 64                   | 32   | 17   | 0               | 5    | 53      | 187  | 14   | 3476                | 2513         | 1732         | 1087         | 2197         |
| 1991             | 81                   | 44   | 20   | 0               | 14   | 69      | 191  | 15   | 3604                | 2722         | 1946         | 1255         | 2320         |
| 1992             | 69                   | 27   | 14   | 0               | 4    | 68      | 196  | 9    | 3114                | 2243         | 1481         | 840          | 1942         |
| 1994             | 62                   | 27   | 12   | 0               | 0    | 84      | 169  | 29   | 3499                | 2518         | 1689         | 1020         | 2081         |
| 1995             | 81                   | 45   | 13   | 0               | 7    | 99      | 187  | 12   | 3580                | 2708         | 1970         | 1351         | 2225         |
| 1996             | 93                   | 51   | 20   | 0               | 1    | 100     | 199  | 34   | 3048                | 2209         | 1482         | 881          | 1819         |
| 1997             | 72                   | 39   | 11   | 0               | 2    | 78      | 202  | 20   | 3149                | 2292         | 1543         | 907          | 1905         |
| 1998             | 55                   | 28   | 10   | 0               | 5    | 51      | 173  | 11   | 3872                | 2784         | 1938         | 1267         | 2475         |
| P VAL            | 73                   | 37   | 16   | *               | 6    | 74      | 186  | 18   | 3522                | 2600         | 1814         | 1155         | 2191         |

Note: \* = less than one half