

2000

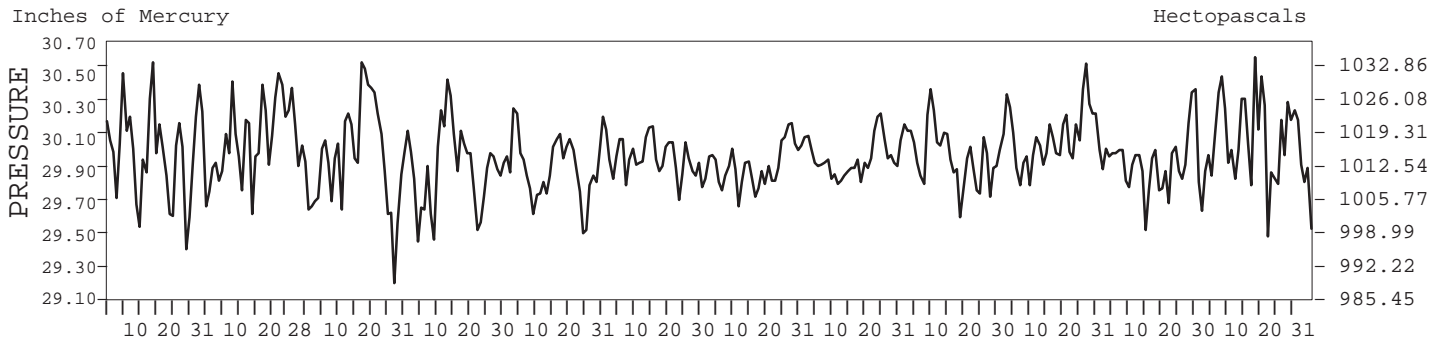
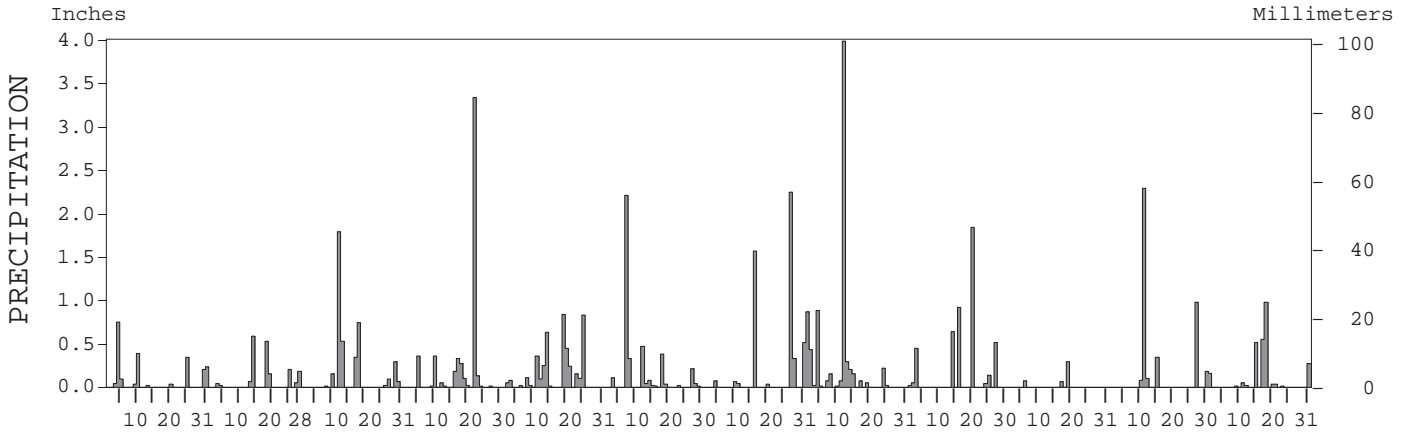
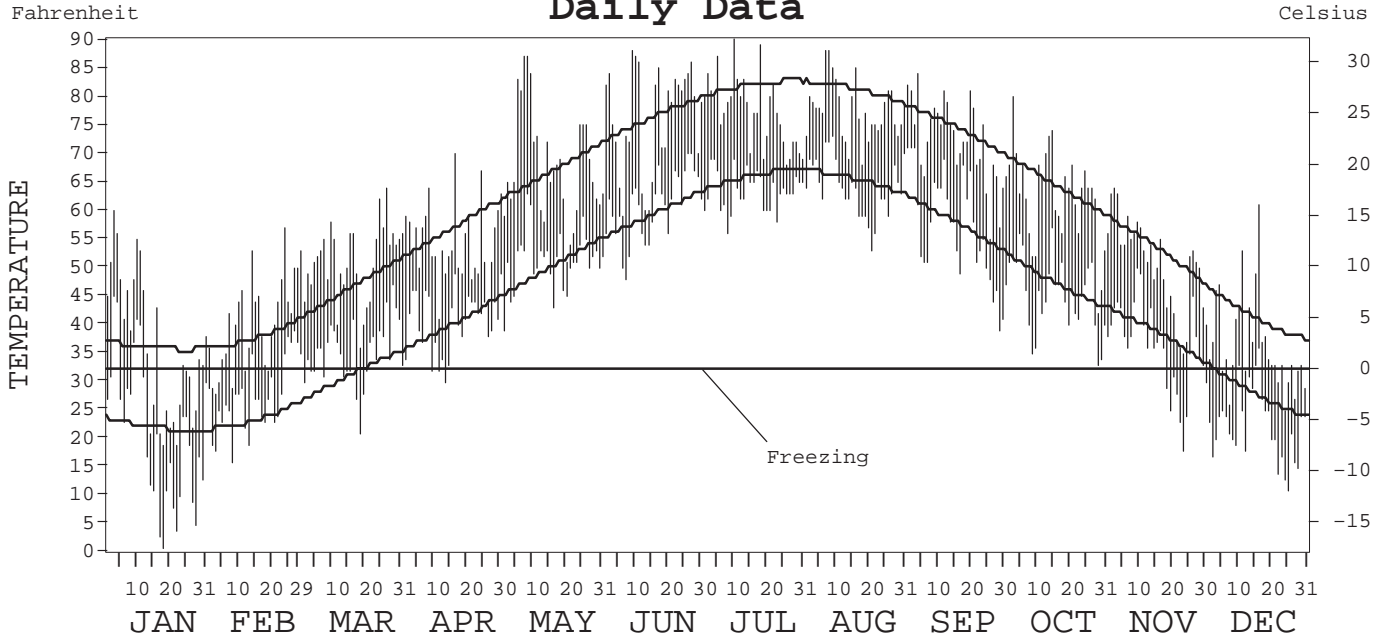
# LOCAL CLIMATOLOGICAL DATA ANNUAL SUMMARY WITH COMPARATIVE DATA



ISSN 0198-1129

## BRIDGEPORT, CONNECTICUT (BDR)

### Daily Data



I CERTIFY THAT THIS IS AN OFFICIAL PUBLICATION OF THE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION, AND IS COMPILED FROM RECORDS ON FILE AT THE NATIONAL CLIMATIC DATA CENTER.

|   |   |   |   |
|---|---|---|---|
| NATIONAL<br>OCEANIC AND<br>ATMOSPHERIC ADMINISTRATION | NATIONAL<br>ENVIRONMENTAL SATELLITE, DATA,<br>AND INFORMATION SERVICE | NATIONAL<br>CLIMATIC DATA CENTER<br>ASHEVILLE, NORTH CAROLINA | DIRECTOR<br>NATIONAL CLIMATIC DATA CENTER |
|---|---|---|---|

# METEOROLOGICAL DATA FOR 2000

## BRIDGEPORT, CT (BDR)

LATITUDE: 41° 10' 30" N      LONGITUDE: 73° 08' 44" W      ELEVATION (FT): GRND: 26      BARO: 26      TIME ZONE: EASTERN (UTC + 5)      WBAN: 94702

| ELEMENT                  |                               | JAN   | FEB   | MAR   | APR   | MAY   | JUN   | JUL   | AUG   | SEP   | OCT   | NOV   | DEC    | YEAR      |   |
|--------------------------|-------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-----------|---|
| TEMPERATURE °F           | MEAN DAILY MAXIMUM            | 36.0  | 40.4  | 51.1  | 54.4  | 67.9  | 76.2  | 77.4  | 77.5  | 72.3  | 62.6  | 50.7  | 36.6   | 58.6      |   |
|                          | HIGHEST DAILY MAXIMUM         | 60    | 57    | 64    | 70    | 87    | 88    | 90    | 88    | 84    | 80    | 64    | 61     | 90        |   |
|                          | DATE OF OCCURRENCE            | 03    | 24    | 26    | 16    | 08+   | 09    | 10    | 08+   | 04    | 03    | 03    | 17     | JUL 10    |   |
|                          | MEAN DAILY MINIMUM            | 21.2  | 27.5  | 35.2  | 40.5  | 51.2  | 60.7  | 63.4  | 64.0  | 57.0  | 45.3  | 36.4  | 22.6   | 43.8      |   |
|                          | LOWEST DAILY MINIMUM          | 1     | 16    | 21    | 30    | 39    | 48    | 56    | 53    | 39    | 33    | 18    | 11     | 1         |   |
|                          | DATE OF OCCURRENCE            | 18    | 08    | 18    | 13    | 01    | 07    | 08    | 21    | 29    | 29    | 24    | 26     | JAN 18    |   |
|                          | AVERAGE DRY BULB              | 28.6  | 34.0  | 43.2  | 47.5  | 59.6  | 68.5  | 70.4  | 70.8  | 64.7  | 54.0  | 43.6  | 29.6   | 51.2      |   |
|                          | MEAN WET BULB                 |       |       | 38.0  | 43.0  | 53.9  | 62.8  |       |       | 60.6  |       | 40.2  |        |           |   |
|                          | MEAN DEW POINT                |       |       | 30.5  | 37.3  | 49.4  | 59.2  |       |       | 57.1  |       | 34.7  |        |           |   |
|                          | NUMBER OF DAYS WITH:          |       |       |       |       |       |       |       |       |       |       |       |        |           |   |
|                          | MAXIMUM ≥ 90°                 | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 0     | 0     | 0     | 0     | 0      | 0         | 1 |
|                          | MAXIMUM ≤ 32°                 | 13    | 6     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 9      | 28        |   |
|                          | MINIMUM ≤ 32°                 | 26    | 22    | 11    | 3     | 0     | 0     | 0     | 0     | 0     | 0     | 7     | 28     | 97        |   |
| MINIMUM ≤ 0°             | 0                             | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0      |           |   |
| H/C                      | HEATING DEGREE DAYS           | 1121  | 893   | 669   | 516   | 192   | 45    | 0     | 2     | 100   | 338   | 634   | 1090   | 5600      |   |
|                          | COOLING DEGREE DAYS           | 0     | 0     | 0     | 0     | 31    | 156   | 176   | 191   | 97    | 2     | 0     | 0      | 653       |   |
| RH                       | MEAN (PERCENT)                | 63    | 71    | 65    | 71    | 74    | 75    | 75    | 74    | 77    | 73    | 71    | 64     | 71        |   |
|                          | HOUR 01 LST                   | 66    | 77    | 75    | 77    | 84    | 83    | 82    | 83    | 86    | 81    | 77    | 66     | 78        |   |
|                          | HOUR 07 LST                   | 68    | 76    | 76    | 77    | 80    | 81    | 79    | 78    | 86    | 84    | 81    | 73     | 78        |   |
|                          | HOUR 13 LST                   | 59    | 63    | 53    | 63    | 61    | 62    | 65    | 65    | 66    | 61    | 60    | 56     | 61        |   |
|                          | HOUR 19 LST                   | 61    | 73    | 61    | 69    | 71    | 73    | 72    | 74    | 75    | 73    | 68    | 60     | 69        |   |
| S                        | PERCENT POSSIBLE SUNSHINE     |       |       |       |       |       |       |       |       |       |       |       |        |           |   |
| W/O                      | NUMBER OF DAYS WITH:          |       |       |       |       |       |       |       |       |       |       |       |        |           |   |
|                          | HEAVY FOG (VISBY ≤ 1/4 MI)    | 5     | 4     | 1     | 2     | 0     | 1     | 0     | 2     | 0     | 3     | 0     | 3      | 21        |   |
|                          | THUNDERSTORMS                 | 0     | 1     | 2     | 1     | 5     | 4     | 1     | 4     | 2     | 0     | 0     | 0      | 20        |   |
| CLOUDINESS               | SUNRISE-SUNSET: (OKTAS)       |       |       |       |       |       |       |       |       |       |       |       |        |           |   |
|                          | CEILOMETER (≤ 12,000 FT.)     |       |       |       |       |       |       |       |       |       |       |       |        |           |   |
|                          | SATELLITE (> 12,000 FT.)      |       |       |       |       |       |       |       |       |       |       |       |        |           |   |
|                          | MIDNIGHT-MIDNIGHT: (OKTAS)    |       |       |       |       |       |       |       |       |       |       |       |        |           |   |
|                          | CEILOMETER (≤ 12,000 FT.)     |       |       |       |       |       |       |       |       |       |       |       |        |           |   |
| SATELLITE (> 12,000 FT.) |                               |       |       |       |       |       |       |       |       |       |       |       |        |           |   |
| NUMBER OF DAYS WITH:     |                               |       |       |       |       |       |       |       |       |       |       |       |        |           |   |
| CLEAR                    |                               |       |       |       |       |       |       |       |       |       |       |       |        |           |   |
| PARTLY CLOUDY            |                               |       |       |       |       |       |       |       |       |       |       |       |        |           |   |
| CLOUDY                   |                               |       |       |       |       |       |       |       |       |       |       |       |        |           |   |
| PR                       | MEAN STATION PRESS. (IN.)     | 30.01 | 30.11 | 29.98 | 29.92 | 29.93 | 29.97 | 29.95 | 29.99 | 30.01 | 30.08 | 29.94 | 30.08  | 30.00     |   |
|                          | MEAN SEA-LEVEL PRESS. (IN.)   | 30.04 | 30.13 | 30.01 | 29.95 | 29.95 | 30.00 | 29.97 | 30.01 | 30.04 | 30.11 | 29.96 | 30.11  | 30.02     |   |
| WINDS                    | RESULTANT SPEED (MPH)         | 5.8   | 3.3   | 2.3   | 1.8   | 1.6   | 0.8   | 0.8   | 2.3   | 1.3   | 3.3   | 4.6   | 5.4    | 2.0       |   |
|                          | RES. DIR. (TENS OF DEGS.)     | 33    | 31    | 36    | 02    | 17    | 21    | 08    | 06    | 29    | 34    | 32    | 31     | 33        |   |
|                          | MEAN SPEED (MPH)              | 11.2  | 9.3   | 10.0  | 10.9  | 8.8   | 8.4   | 8.1   | 8.0   | 8.2   | 7.9   | 9.4   | 10.3   | 9.2       |   |
|                          | PREVAIL. DIR. (TENS OF DEGS.) | 36    | 24    | 08    | 04    | 22    | 23    | 23    | 22    | 24    | 36    | 36    | 29     | 36        |   |
|                          | MAXIMUM 2-MINUTE WIND:        |       |       |       |       |       |       |       |       |       |       |       |        |           |   |
|                          | SPEED (MPH)                   | 36    | 41    | 33    | 39    | 40    | 39    | 25    | 24    | 26    | 31    | 30    | 41     | 41        |   |
|                          | DIR. (TENS OF DEGS.)          | 34    | 21    | 09    | 10    | 31    | 35    | 09    | 36    | 09    | 01    | 09    | 27     | 27        |   |
|                          | DATE OF OCCURRENCE            | 17    | 14    | 11    | 21    | 18    | 11    | 31    | 11    | 19+   | 28    | 10    | 12     | DEC 12    |   |
|                          | MAXIMUM 5-SECOND WIND:        |       |       |       |       |       |       |       |       |       |       |       |        |           |   |
|                          | SPEED (MPH)                   | 45    | 51    | 39    | 44    | 48    | 53    | 30    | 30    | 31    | 38    | 35    | 53     | 53        |   |
| DIR. (TENS OF DEGS.)     | 33                            | 19    | 09    | 10    | 31    | 31    | 08    | 36    | 30    | 01    | 10    | 29    | 29     |           |   |
| DATE OF OCCURRENCE       | 17+                           | 14    | 11    | 21    | 18    | 02    | 31+   | 11    | 21+   | 28    | 26+   | 12    | DEC 12 |           |   |
| PRECIPITATION            | WATER EQUIVALENT:             |       |       |       |       |       |       |       |       |       |       |       |        |           |   |
|                          | TOTAL (IN.)                   | 2.12  | 1.82  | 4.02  | 5.18  | 4.23  | 3.96  | 5.73  | 6.65  | 4.59  | 0.42  | 4.13  | 2.46   | 45.31     |   |
|                          | GREATEST 24-HOUR (IN.)        | 0.75  | 0.59  | 2.22  | 3.47  | 0.93  | 2.51  | 2.32  | 4.28  | 1.84  | 0.29  | 2.29  | 1.25   | 4.28      |   |
|                          | DATE OF OCCURRENCE            | 04    | 14    | 11-12 | 21-22 | 23-24 | 06-07 | 26-27 | 11-12 | 19    | 18    | 10    | 16-17  | AUG 11-12 |   |
|                          | NUMBER OF DAYS WITH:          |       |       |       |       |       |       |       |       |       |       |       |        |           |   |
|                          | PRECIPITATION ≥ 0.01          | 10    | 9     | 10    | 14    | 16    | 14    | 9     | 17    | 8     | 3     | 7     | 10     | 127       |   |
| PRECIPITATION ≥ 0.10     | 5                             | 5     | 6     | 8     | 10    | 6     | 5     | 8     | 6     | 1     | 6     | 4     | 70     |           |   |
| PRECIPITATION ≥ 1.00     | 0                             | 0     | 1     | 1     | 0     | 1     | 2     | 1     | 1     | 0     | 1     | 0     | 8      |           |   |
| SNOWFALL                 | SNOW, ICE PELLETS, HAIL:      |       |       |       |       |       |       |       |       |       |       |       |        |           |   |
|                          | TOTAL (IN.)                   |       |       |       |       |       |       |       |       |       |       |       |        |           |   |
|                          | GREATEST 24-HOUR (IN.)        |       |       |       |       |       |       |       |       |       |       |       |        |           |   |
|                          | DATE OF OCCURRENCE            |       |       |       |       |       |       |       |       |       |       |       |        |           |   |
|                          | MAXIMUM SNOW DEPTH (IN.)      |       |       |       |       |       |       |       |       |       |       |       |        |           |   |
|                          | DATE OF OCCURRENCE            |       |       |       |       |       |       |       |       |       |       |       |        |           |   |
| NUMBER OF DAYS WITH:     |                               |       |       |       |       |       |       |       |       |       |       |       |        |           |   |
| SNOWFALL ≥ 1.0           |                               |       |       |       |       |       |       |       |       |       |       |       |        |           |   |





HEATING DEGREE DAYS (base 65°F) 2000 BRIDGEPORT, CT (BDR)

| YEAR    | JUL | AUG | SEP | OCT | NOV | DEC  | JAN  | FEB  | MAR | APR | MAY | JUN | TOTAL |
|---------|-----|-----|-----|-----|-----|------|------|------|-----|-----|-----|-----|-------|
| 1971-72 | 0   | 4   | 27  | 150 | 643 | 813  | 983  | 1009 | 853 | 564 | 187 | 33  | 5266  |
| 1972-73 | 7   | 2   | 43  | 418 | 691 | 920  | 1066 | 996  | 704 | 472 | 290 | 8   | 5617  |
| 1973-74 | 0   | 0   | 35  | 171 | 501 | 838  | 984  | 988  | 765 | 380 | 219 | 21  | 4902  |
| 1974-75 | 0   | 0   | 67  | 368 | 551 | 847  | 916  | 907  | 866 | 604 | 141 | 34  | 5301  |
| 1975-76 | 0   | 0   | 59  | 190 | 432 | 908  | 1174 | 826  | 762 | 420 | 251 | 37  | 5059  |
| 1976-77 | 0   | 7   | 59  | 356 | 673 | 1079 | 1274 | 940  | 710 | 470 | 160 | 62  | 5790  |
| 1977-78 | 4   | 3   | 52  | 248 | 442 | 970  | 1181 | 1136 | 904 | 536 | 265 | 43  | 5784  |
| 1978-79 | 4   | 0   | 92  | 290 | 524 | 889  | 1062 | 1126 | 675 | 460 | 114 | 23  | 5259  |
| 1979-80 | 8   | 13  | 84  | 360 | 523 | 833  | 1025 | 1064 | 862 | 499 | 159 | 39  | 5469  |
| 1980-81 | 0   | 0   | 41  | 297 | 646 | 1038 | 1320 | 865  | 831 | 465 | 214 | 18  | 5735  |
| 1981-82 | 0   | 1   | 102 | 445 | 619 | 959  | 1297 | 897  | 832 | 556 | 164 | 72  | 5944  |
| 1982-83 | 1   | 19  | 66  | 371 | 530 | 809  | 1034 | 914  | 754 | 501 | 280 | 29  | 5308  |
| 1983-84 | 0   | 8   | 73  | 320 | 550 | 981  | 1188 | 819  | 952 | 508 | 227 | 18  | 5644  |
| 1984-85 | 0   | 0   | 104 | 219 | 593 | 761  | 1197 | 908  | 713 | 423 | 138 | 43  | 5099  |
| 1985-86 | 0   | 2   | 54  | 278 | 541 | 1032 | 1060 | 997  | 772 | 425 | 174 | 41  | 5376  |
| 1986-87 | 3   | 23  | 68  | 345 | 673 | 908  | 1077 | 975  | 727 | 434 | 232 | 23  | 5488  |
| 1987-88 | 0   | 10  | 53  | 417 | 596 | 867  | 1186 | 974  | 787 | 499 | 195 | 45  | 5629  |
| 1988-89 | 6   | 3   | 62  | 449 | 569 | 995  | 958  | 945  | 804 | 505 | 180 | 19  | 5495  |
| 1989-90 | 0   | 7   | 88  | 305 | 648 | 1285 | 869  | 836  | 766 | 476 | 243 | 12  | 5535  |
| 1990-91 | 5   | 1   | 77  | 208 | 546 | 771  | 1023 | 799  | 700 | 396 | 106 | 14  | 4646  |
| 1991-92 | 0   | 0   | 91  | 268 | 566 | 871  | 1012 | 895  | 859 | 548 | 225 | 23  | 5358  |
| 1992-93 | 4   | 3   | 80  | 393 | 599 | 892  | 966  | 1036 | 871 | 465 | 127 | 27  | 5463  |
| 1993-94 | 2   | 0   | 89  | 358 | 597 | 909  | 1283 | 1080 | 843 | 425 | 208 | 7   | 5801  |
| 1994-95 | 0   | 1   | 39  | 306 | 473 | 807  | 905  | 993  | 724 | 498 | 203 | 6   | 4955  |
| 1995-96 | 0   | 0   | 56  | 204 | 695 | 1075 | 1128 | 984  | 888 | 484 | 258 | 15  | 5787  |
| 1996-97 | 0   | 1   | 62  | 334 | 721 | 794  | 1073 | 768  | 810 | 502 | 268 | 65  | 5398  |
| 1997-98 | 2   | 0   | 70  | 351 | 678 | 908  | 869  | 752  | 739 | 464 | 165 | 52  | 5050  |
| 1998-99 | 0   | 0   | 39  | 298 | 574 | 790  | 1047 | 857  | 780 | 452 | 179 | 14  | 5030  |
| 1999-00 | 0   | 5   | 36  | 343 | 507 | 839  | 1121 | 893  | 669 | 516 | 192 | 45  | 5166  |
| 2000-   | 0   | 2   | 100 | 338 | 634 | 1090 |      |      |     |     |     |     |       |

WBAN : 94702

COOLING DEGREE DAYS (base 65°F) 2000 BRIDGEPORT, CT (BDR)

| YEAR | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL |
|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|--------|
| 1971 | 0   | 0   | 0   | 0   | 1   | 161 | 269 | 233 | 154 | 9   | 2   | 0   | 829    |
| 1972 | 0   | 0   | 0   | 0   | 8   | 53  | 298 | 253 | 116 | 1   | 0   | 0   | 729    |
| 1973 | 0   | 0   | 0   | 0   | 6   | 177 | 324 | 342 | 131 | 21  | 0   | 0   | 1001   |
| 1974 | 0   | 0   | 0   | 6   | 20  | 135 | 353 | 320 | 95  | 0   | 0   | 0   | 929    |
| 1975 | 0   | 0   | 0   | 0   | 50  | 108 | 300 | 285 | 46  | 11  | 4   | 0   | 804    |
| 1976 | 0   | 0   | 0   | 10  | 6   | 205 | 204 | 266 | 78  | 6   | 0   | 0   | 775    |
| 1977 | 0   | 0   | 0   | 0   | 24  | 70  | 249 | 290 | 143 | 5   | 0   | 0   | 781    |
| 1978 | 0   | 0   | 0   | 0   | 19  | 93  | 264 | 318 | 76  | 1   | 0   | 0   | 771    |
| 1979 | 0   | 0   | 0   | 0   | 16  | 79  | 288 | 259 | 85  | 4   | 0   | 0   | 731    |
| 1980 | 0   | 0   | 0   | 0   | 23  | 114 | 338 | 346 | 148 | 6   | 0   | 0   | 975    |
| 1981 | 0   | 0   | 0   | 0   | 24  | 116 | 286 | 205 | 44  | 0   | 0   | 0   | 675    |
| 1982 | 0   | 0   | 0   | 0   | 9   | 46  | 253 | 158 | 45  | 2   | 0   | 0   | 513    |
| 1983 | 0   | 0   | 0   | 0   | 0   | 116 | 296 | 267 | 149 | 20  | 0   | 0   | 848    |
| 1984 | 0   | 0   | 0   | 0   | 7   | 207 | 258 | 313 | 61  | 0   | 0   | 0   | 846    |
| 1985 | 0   | 0   | 0   | 3   | 19  | 71  | 276 | 251 | 110 | 8   | 0   | 0   | 738    |
| 1986 | 0   | 0   | 0   | 0   | 60  | 103 | 263 | 204 | 66  | 18  | 0   | 0   | 714    |
| 1987 | 0   | 0   | 0   | 0   | 46  | 140 | 312 | 205 | 64  | 0   | 0   | 0   | 767    |
| 1988 | 0   | 0   | 0   | 0   | 30  | 148 | 339 | 341 | 57  | 6   | 0   | 0   | 921    |
| 1989 | 0   | 0   | 0   | 0   | 18  | 131 | 219 | 218 | 102 | 0   | 0   | 0   | 688    |
| 1990 | 0   | 0   | 0   | 10  | 0   | 142 | 288 | 282 | 104 | 47  | 0   | 0   | 873    |
| 1991 | 0   | 0   | 0   | 7   | 98  | 178 | 328 | 310 | 101 | 18  | 0   | 0   | 1040   |
| 1992 | 0   | 0   | 0   | 0   | 17  | 94  | 200 | 179 | 85  | 0   | 0   | 0   | 575    |
| 1993 | 0   | 0   | 0   | 0   | 22  | 182 | 371 | 324 | 117 | 1   | 2   | 0   | 1019   |
| 1994 | 0   | 0   | 0   | 0   | 17  | 215 | 423 | 225 | 57  | 0   | 0   | 0   | 937    |
| 1995 | 0   | 0   | 0   | 0   | 11  | 125 | 378 | 311 | 94  | 15  | 0   | 0   | 934    |
| 1996 | 0   | 0   | 0   | 0   | 31  | 119 | 199 | 241 | 104 | 0   | 0   | 0   | 694    |
| 1997 | 0   | 0   | 0   | 0   | 0   | 154 | 261 | 209 | 80  | 15  | 0   | 0   | 719    |
| 1998 | 0   | 0   | 0   | 0   | 45  | 112 | 279 | 292 | 118 | 0   | 0   | 0   | 846    |
| 1999 | 0   | 0   | 0   | 0   | 20  | 173 | 389 | 254 | 107 | 1   | 0   | 0   | 944    |
| 2000 | 0   | 0   | 0   | 0   | 31  | 156 | 176 | 191 | 97  | 2   | 0   | 0   | 653    |

SNOWFALL (inches) 2000 BRIDGEPORT, CT (BDR)

| YEAR           | JUL | AUG | SEP | OCT | NOV | DEC  | JAN  | FEB  | MAR  | APR  | MAY | JUN | TOTAL |
|----------------|-----|-----|-----|-----|-----|------|------|------|------|------|-----|-----|-------|
| 1971-72        | 0.0 | 0.0 | 0.0 | 0.0 | T   | 0.8  | 2.3  | 14.9 | 5.1  | 0.1  | 0.0 | 0.0 | 23.2  |
| 1972-73        | 0.0 | 0.0 | 0.0 | T   | 0.1 | 1.5  | 4.3  | 2.3  | T    | T    | 0.0 | 0.0 | 8.2   |
| 1973-74        | 0.0 | 0.0 | 0.0 | 0.0 | T   | 0.2  | 16.6 | 8.8  | 8.4  | T    | 0.0 | 0.0 | 34.0  |
| 1974-75        | 0.0 | 0.0 | 0.0 | 0.0 | 0.4 | 2.3  | 2.5  | 10.4 | 1.8  | 0.1  | 0.0 | 0.0 | 17.5  |
| 1975-76        | 0.0 | 0.0 | 0.0 | 0.0 | T   | 8.6  | 12.3 | 3.1  | 5.4  | 0.0  | 0.0 | 0.0 | 29.4  |
| 1976-77        | 0.0 | 0.0 | 0.0 | 0.0 | T   | 6.5  | 10.3 | 5.8  | 4.7  | T    | T   | 0.0 | 27.3  |
| 1977-78        | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 3.5  | 23.2 | 15.9 | 9.1  | 0.0  | 0.0 | 0.0 | 52.7  |
| 1978-79        | 0.0 | 0.0 | 0.0 | 0.0 | 2.2 | 1.2  | 6.1  | 8.6  | T    | 0.0  | 0.0 | 0.0 | 18.1  |
| 1979-80        | 0.0 | 0.0 | 0.0 | T   | 0.0 | 0.9  | 0.7  | 1.7  | 6.3  | 0.0  | 0.0 | 0.0 | 9.6   |
| 1980-81        | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 3.6  | 5.4  | T    | 1.5  | 0.0  | 0.0 | 0.0 | 11.5  |
| 1981-82        | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 3.1  | 9.0  | T    | 1.6  | 6.0  | 0.0 | 0.0 | 19.7  |
| 1982-83        | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 3.2  | 5.1  | 14.2 | T    | 0.5  | 0.0 | 0.0 | 23.0  |
| 1983-84        | 0.0 | 0.0 | 0.0 | 0.0 | T   | 0.6  | 11.5 | T    | 8.4  | 0.0  | 0.0 | 0.0 | 20.5  |
| 1984-85        | 0.0 | 0.0 | 0.0 | 0.0 | T   | 1.5  | 11.2 | 6.5  | 0.5  | 0.0  | 0.0 | 0.0 | 19.7  |
| 1985-86        | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 3.5  | 2.0  | 11.0 | T    | T    | 0.0 | 0.0 | 17.5  |
| 1986-87        | 0.0 | 0.0 | 0.0 | 0.0 | 1.8 | 3.3  | 11.4 | 2.9  | 2.7  | 0.0  | 0.0 | 0.0 | 22.1  |
| 1987-88        | 0.0 | 0.0 | 0.0 | 0.5 | 0.9 | 1.8  | 15.5 | 2.1  | 2.1  | T    | 0.0 | 0.0 | 22.9  |
| 1988-89        |     |     |     |     | 0.0 | 7.5  | 1.6  | 2.1  | 1.8  | 0.0  | 0.0 | 0.0 |       |
| 1989-90        | 0.0 | 0.0 | 0.0 | 0.0 | 6.6 | 4.1  | 5.2  | 9.3  | 4.4  | 1.7  | 0.0 | 0.0 | 31.3  |
| 1990-91        | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 7.1  | 6.3  | 5.6  | 3.0  | 0.0  | 0.0 | 0.0 | 22.0  |
| 1991-92        | T   | 0.0 | 0.0 | 0.0 | 0.0 | 2.1  | 1.8  | 2.4  | 10.2 | 0.0  | 0.0 | 0.0 | 16.5  |
| 1992-93        | 0.0 | T   | 0.0 | 0.0 | 0.0 | 2.4  | 3.3  | 9.5  | 13.7 | 0.0  | 0.0 | 0.0 | 28.9  |
| 1993-94        | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.9  | 17.3 | 27.9 | 7.9  | 0.0  | 0.0 | 0.0 | 55.0  |
| 1994-95        | 0.0 | 0.0 | 0.0 | 0.0 | T   | T    | 1.3  | 8.0  | T    | T    | 0.0 | 0.0 | 9.3   |
| 1995-96        | 0.0 | 0.0 | 0.0 | 0.0 | 2.6 | 13.8 | 20.5 | 16.8 | 10.2 | 11.8 |     |     |       |
| 1996-97        |     |     |     | 0.0 | T   |      | 3.8  | 2.1  | 3.8  | 4.0  |     |     |       |
| 1997-98        |     |     |     |     |     |      |      |      |      |      |     |     |       |
| 1998-99        |     |     |     |     |     |      |      |      |      |      |     |     |       |
| 1999-00        |     |     |     |     |     |      |      |      |      |      |     |     |       |
| 2000-          |     |     |     |     |     |      |      |      |      |      |     |     |       |
| POR=<br>47 YRS | T   | T   | 0.0 | 0.0 | 0.6 | 4.6  | 7.4  | 7.6  | 4.8  | 0.8  | T   | 0.0 | 25.8  |

WBAN : 94702

REFERENCE NOTES:

|   |  |
|---|--|
| <p>PAGE 1:<br/>THE TEMPERATURE GRAPH SHOWS NORMAL MAXIMUM AND NORMAL MINIMUM DAILY TEMPERATURES (SOLID CURVES) AND THE ACTUAL DAILY HIGH AND LOW TEMPERATURES (VERTICAL BARS).</p> <p>PAGE 2 AND 3:<br/>H/C INDICATES HEATING AND COOLING DEGREE DAYS.<br/>RH INDICATES RELATIVE HUMIDITY<br/>W/O INDICATES WEATHER AND OBSTRUCTIONS<br/>S INDICATES SUNSHINE.<br/>PR INDICATES PRESSURE.<br/>CLOUDINESS ON PAGE 3 IS THE SUM OF THE CEILOMETER AND SATELLITE DATA NOT TO EXCEED EIGHT EIGHTHS(OKTAS).</p> <p>GENERAL:<br/>T INDICATES TRACE PRECIPITATION, AN AMOUNT GREATER THAN ZERO BUT LESS THAN THE LOWEST REPORTABLE VALUE.<br/>+ INDICATES THE VALUE ALSO OCCURS ON EARLIER DATES.<br/>BLANK ENTRIES DENOTE MISSING OR UNREPORTED DATA.<br/>NORMALS ARE 30-YEAR AVERAGES (1961 - 1990).<br/>ASOS INDICATES AUTOMATED SURFACE OBSERVING SYSTEM.<br/>PM INDICATES THE LAST DAY OF THE PREVIOUS MONTH.<br/>POR (PERIOD OF RECORD) BEGINS WITH THE JANUARY DATA MONTH AND IS THE NUMBER OF YEARS USED TO COMPUTE THE MEAN. INDIVIDUAL MONTHS WITHIN THE POR MAY BE MISSING.<br/>WHEN THE POR FOR A NORMAL IS LESS THAN 30 YEARS, THE NORMAL IS PROVISIONAL AND IS BASED ON THE NUMBER OF YEARS INDICATED.<br/>0.* OR * INDICATES THE VALUE OR MEAN-DAYS-WITH IS BETWEEN 0.00 AND 0.05.<br/>CLOUDINESS FOR ASOS STATIONS DIFFERS FROM THE NON-ASOS OBSERVATION TAKEN BY A HUMAN OBSERVER. ASOS STATION CLOUDINESS IS BASED ON TIME-AVERAGED CEILOMETER DATA FOR CLOUDS AT OR BELOW 12,000 FEET AND ON SATELLITE DATA FOR CLOUDS ABOVE 12,000 FEET.<br/>THE NUMBER OF DAYS WITH CLEAR, PARTLY CLOUDY, AND CLOUDY CONDITIONS FOR ASOS STATIONS IS THE SUM OF THE CEILOMETER AND SATELLITE DATA FOR THE SUNRISE TO SUNSET PERIOD.</p> | <p>GENERAL CONTINUED:<br/>CLEAR INDICATES 0 - 2 OKTAS, PARTLY CLOUDY INDICATES 3 - 6 OKTAS, AND CLOUDY INDICATES 7 OR 8 OKTAS.<br/>WHEN AT LEAST ONE OF THE ELEMENTS (CEILOMETER OR SATELLITE) IS MISSING, THE DAILY CLOUDINESS IS NOT COMPUTED.<br/>WIND DIRECTION IS RECORDED IN TENS OF DEGREES (2 DIGITS) CLOCKWISE FROM TRUE NORTH. "00" INDICATES CALM. "36" INDICATES TRUE NORTH.<br/>RESULTANT WIND IS THE VECTOR AVERAGE OF THE SPEED AND DIRECTION.<br/>AVERAGE TEMPERATURE IS THE SUM OF THE MEAN DAILY MAXIMUM AND MINIMUM TEMPERATURE DIVIDED BY 2.<br/>SNOWFALL DATA COMPRISE ALL FORMS OF FROZEN PRECIPITATION, INCLUDING HAIL.<br/>A HEATING (COOLING) DEGREE DAY IS THE DIFFERENCE BETWEEN THE AVERAGE DAILY TEMPERATURE AND 65° F.<br/>DRY BULB IS THE TEMPERATURE OF THE AMBIENT AIR.<br/>DEW POINT IS THE TEMPERATURE TO WHICH THE AIR MUST BE COOLED TO ACHIEVE 100 PERCENT RELATIVE HUMIDITY.<br/>WET BULB IS THE TEMPERATURE THE AIR WOULD HAVE IF THE MOISTURE CONTENT WAS INCREASED TO 100 PERCENT RELATIVE HUMIDITY.</p> <p>ON JULY 1, 1996, THE NATIONAL WEATHER SERVICE BEGAN USING THE "METAR" OBSERVATION CODE THAT WAS ALREADY EMPLOYED BY MOST OTHER NATIONS OF THE WORLD. THE MOST NOTICEABLE DIFFERENCE IN THIS ANNUAL PUBLICATION WILL BE THE CHANGE IN UNITS FROM TENTHS TO EIGHTS(OKTAS) FOR REPORTING THE AMOUNT OF SKY COVER.</p> |
|---|--|

2000  
BRIDGEPORT,  
CONNECTICUT (BDR)

The airport is located on Stratford Point, a peninsula jutting out into Long Island Sound. Station instrumentation is located approximately 1 mile from the sound. Land around the airport is flat, with marshes to the south. The terrain is of glacial origin, rising in a rolling, mostly wooded manner, to the foothills of the Berkshires, 30 miles to the north and northwest.

Cities in close proximity to the station are Bridgeport, Fairfield, and Milford, while Danbury, New Haven, Norwalk and Stamford are located within a 35-mile radius.

The most pronounced topographical effect is the land-sea breeze, an occurrence generally associated with the spring through early autumn months.

Mean monthly temperatures during the summer months average 3 to 5 degrees lower than nearby inland stations because of the sea-breeze effect. Temperatures during the fall and winter months are moderated because of the proximity of Long Island Sound.

Winter snowfall is generally around 10 inches less than areas a few miles inland, also due to the proximity of the station to Long Island Sound.

One of the hazards along the coastal areas is the flooding of low-lying areas (usually during periods of high tide) with the approach of slow-moving deepening low pressure systems, resulting in 3 to 5 feet higher tides than normal.

# STATION LOCATION

BRIDGEPORT, CONNECTICUT

| LOCATION   | Occupied From | Occupied To | Airline Distances and Directions from previous Location | LATITUDE NORTH | LONGITUDE WEST | ELEVATION ABOVE |                 |                      |              |                 |               |                    |                  |            |    | AUTOMATIC OBSERVING *<br>EQUIPMENT  | * TYPE<br><br>M = AMOS<br>T = AUTOB<br>S = ASOS<br>W = AWOS<br><br>REMARKS |
|--|---------------|-------------|---|----------------|----------------|-----------------|-----------------|----------------------|--------------|-----------------|---------------|--------------------|------------------|------------|----|---|--|
|  |               |             |   |                |                | GROUND          |                 |                      |              |                 |               |                    |                  |            |    |   |  |
|  |               |             |   |                |                | SEA LEVEL       | WIND INSTRUMENT | EXTREME THERMOMETERS | PSYCHROMETER | SUNSHINE SWITCH | TIPPING GAUGE | WEIGHING RAIN GAGE | 8 INCH RAIN GAGE | HYGROMETER |    |   |  |
| <b>*NOTES:</b><br><br><b>AIRPORT</b><br><br>Administration Building Municipal Airport Bridgeport, Connecticut<br><br>2nd Floor, Adm. Building Municipal Airport Bridgeport, Connecticut<br><br>Bridgeport Municipal AP+ Stratford, Connecticut<br><br>+Sikorsky Memorial AP (Effective 1973) | 3/19/38       | 2/3/48      | 4.2 mi. SE  | 41° 10'        | 73° 08'        | 7               | 27              |                      | 5            |                 |               |                    |                  | 4          |    |   |  |
|  | 2/3/48        | 6/19/61     | Same  | 41° 10'        | 73° 08'        | 7               | 48              | 5                    | 5            |                 |               | 3                  | 3                |            |    |   |  |
|  | 6/19/61       | 5/01/96     | 1400 ft. SW   | 41° 10'        | 73° 08'        | 7               | 84 f33 g80 j27  | 45 b4 h45            | 45 b4 h45 i  | NA              | NA c4 m4      | 50 d4 e45          | 4 e45            | NA a4 k4   | NA | a - Commissioned 710 feet NNE<br><br>b - Moved to field site 6/30/65.<br>c - Installed 11/24/65.<br>d - Moved to field site 11/5/66.<br>e - Moved to roof 7/15/70.<br>f - Moved from roof to a mast E of runways 4/18/74. Equipment inoperative 4/1976.<br>g - Effective 4/1976.<br>h - Returned to roof site 4/1978.<br>i - Removed prior to 6/1980.<br>j - Moved to Center Field 10/30/81.<br>k - Type change 7/10/85.<br>m - Shield removed 7/10/85. |  |
| Sikorsky Memorial AP   | 5/01/96       | Present     | NA  | 41°11'         | 73°09'         | 26              |                 |                      |              |                 |               |                    |                  |            | S  | ASOS Commissioned 05/01/96  |  |

SUBSCRIPTION: Price and ordering information available through : National ClimaticDataCenter, Federal building, Asheville, North Carolina 28801.

**INQUIRIES/COMMENTS CALL: Toll Free (866) 742-3322**

OFFICAL BUSINESS  
PENALTY FOR PRIVATE USE \$300  
CHANGE SERVICE REQUESTED

**FIRST CLASS  
POSTAGE & FEES PAID  
United States Department of Commerce  
NOAA Permit No. G - 19**

NCDC Subscription Services Center  
310 State Route 956 Building 300  
Rocket Center, WV 26726

\* NOTES: For earlier station history see previous edition.