



**U.S. DEPARTMENT OF COMMERCE  
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION  
NATIONAL ENVIRONMENTAL SATELLITE, DATA, AND INFORMATION SERVICE**

HISTORICAL CLIMATOLOGY SERIES 5-1

MONTHLY  
STATE, REGIONAL, AND NATIONAL  
HEATING DEGREE DAYS  
WEIGHTED BY POPULATION  
(INCLUDES AERIALY WEIGHTED TEMPERATURE AND PRECIPITATION)

PERIOD: JULY 1995 THROUGH JUNE 1997

DATE PUBLISHED: JANUARY 1998

**NATIONAL CLIMATIC DATA CENTER  
151 PATTON AVENUE  
ASHEVILLE, NC 28801-5001**

1. STATE POPULATION-WEIGHTED HEATING DEGREE DAYS (BASE 65 DEG F)

THIS TABULATION IS DESIGNED TO PROVIDE UP-TO-DATE HEATING FUEL DEMAND INFORMATION ON A STATE-WIDE BASIS. THE TOTAL MONTHLY SERIES, BY STATE, ARE AVAILABLE FOR THE PERIOD 1931/32 THROUGH 1991/92: HISTORICAL CLIMATOLOGY SERIES 5-1, "STATE REGIONAL AND NATIONAL MONTHLY AND SEASONAL HEATING DEGREE DAYS WEIGHTED BY POPULATION (1990 CENSUS), (JULY 1931 - JUNE 1992)."

THE STATE AVERAGE DEGREE DAY TOTALS FOR EACH MONTH ARE DERIVED FROM THE DIVISIONAL VALUES BY WEIGHTING EACH DIVISION BY ITS PERCENTAGE OF THE TOTAL STATE POPULATION AS ADDUCED FROM THE 1990 CENSUS DATA (BUREAU OF CENSUS, 1992). THE POPULATION WEIGHTING PROCEDURE ASSURES THAT DEGREE-DAY AVERAGES FOR THE STATES AS A WHOLE ARE BIASED TOWARD CONDITIONS EXISTING IN THE MORE POPULOUS SECTIONS OF THE STATES. DEGREE DAY DATA IN THIS TABULATION ARE PRESENTLY AVAILABLE FOR THE 48 CONTERMINOUS STATES WITH THE DISTRICT OF COLUMBIA TREATED AS PART OF MARYLAND.

THE INFORMATION IN THE TABLES IS SELF-EXPLANATORY AND IS DESIGNED TO ALLOW COMPARISON OF THE ENERGY DEMAND FOR THE CURRENT YEAR TO NORMAL AND TO CONDITIONS IN THE PREVIOUS YEAR.

INQUIRIES/COMMENTS CALL (704) 271-4800

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\*\*NOTE : MONTHLY HEATING DEGREE DAY VALUES IN THIS PUBLICATION MAY DIFFER FROM THE HISTORICAL CLIMATOLOGY SERIES 5-1 DUE TO INTERNAL COMPUTER ROUNDING DIFFERENCES BETWEEN THE TWO PROGRAMS.

THE DATA PRESENTED IN THIS MONTHLY OPERATIONAL REPORT ARE PROVISIONAL AND SUBJECT TO CHANGE AND/OR CORRECTIONS WHICH ARE BASED ON LATER INFORMATION.

| STATE HEATING DEGREE DAYS (DIVISIONS WEIGHTED BY 1990 POPULATION), THRU JUN |              |       |       |       |       |       |       |       |       |       |       | 1997--BASE TEMP = 65 DEG F |
|-----------------------------------------------------------------------------|--------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------------------------|
| STATE :                                                                     | 1 ALABAMA    |       |       |       |       |       |       |       |       |       |       |                            |
| SEASON                                                                      | JUL          | AUG   | SEP   | OCT   | NOV   | DEC   | JAN   | FEB   | MAR   | APR   | MAY   | JUN                        |
| 95/96                                                                       | 0            | 0     | 9     | 142   | 486   | 660   | 713   | 547   | 480   | 191   | 11    | 0                          |
| 95/96                                                                       | 0            | 0     | 9     | 151   | 637   | 1297  | 2010  | 2557  | 3037  | 3228  | 3239  | 3239                       |
| 95/96                                                                       | .0           | .0    | 90.9  | 96.0  | 126.4 | 117.8 | 111.0 | 109.0 | 112.5 | 114.4 | 113.5 | 113.5                      |
| 96/97                                                                       | 0            | 0     | 16    | 149   | 395   | 525   | 647   | 442   | 223   | 219   | 66    | 3                          |
| 96/97                                                                       | 0            | 0     | 16    | 165   | 560   | 1085  | 1732  | 2174  | 2397  | 2616  | 2682  | 2685                       |
| 96/97                                                                       | .0           | .0    | 161.6 | 104.9 | 111.1 | 98.6  | 95.7  | 92.7  | 88.8  | 92.7  | 94.0  | 94.1                       |
| STATE :                                                                     | 2 ARIZONA    |       |       |       |       |       |       |       |       |       |       |                            |
| SEASON                                                                      | JUL          | AUG   | SEP   | OCT   | NOV   | DEC   | JAN   | FEB   | MAR   | APR   | MAY   | JUN                        |
| 95/96                                                                       | 0            | 0     | 4     | 45    | 154   | 413   | 433   | 239   | 228   | 84    | 12    | 1                          |
| 95/96                                                                       | 0            | 0     | 4     | 49    | 203   | 616   | 1049  | 1288  | 1516  | 1600  | 1612  | 1613                       |
| 95/96                                                                       | .0           | .0    | 65.6  | 63.7  | 57.5  | 71.8  | 76.0  | 73.7  | 74.0  | 72.9  | 72.3  | 72.2                       |
| 96/97                                                                       | 0            | 0     | 9     | 66    | 220   | 433   | 469   | 362   | 162   | 134   | 12    | 5                          |
| 96/97                                                                       | 0            | 0     | 9     | 75    | 295   | 728   | 1197  | 1559  | 1721  | 1855  | 1867  | 1872                       |
| 96/97                                                                       | .0           | .0    | 147.5 | 97.5  | 83.6  | 84.9  | 86.8  | 89.2  | 84.0  | 84.6  | 83.8  | 83.8                       |
| STATE :                                                                     | 3 ARKANSAS   |       |       |       |       |       |       |       |       |       |       |                            |
| SEASON                                                                      | JUL          | AUG   | SEP   | OCT   | NOV   | DEC   | JAN   | FEB   | MAR   | APR   | MAY   | JUN                        |
| 95/96                                                                       | 0            | 0     | 30    | 144   | 505   | 750   | 832   | 577   | 583   | 209   | 11    | 1                          |
| 95/96                                                                       | 0            | 0     | 30    | 174   | 679   | 1429  | 2261  | 2838  | 3421  | 3630  | 3641  | 3642                       |
| 95/96                                                                       | .0           | .0    | 166.7 | 99.8  | 115.5 | 109.1 | 105.6 | 102.6 | 107.4 | 109.0 | 108.2 | 108.2                      |
| 96/97                                                                       | 0            | 1     | 28    | 163   | 548   | 633   | 817   | 539   | 341   | 268   | 61    | 2                          |
| 96/97                                                                       | 0            | 1     | 29    | 192   | 740   | 1373  | 2190  | 2729  | 3070  | 3338  | 3399  | 3401                       |
| 96/97                                                                       | .0           | 200.0 | 161.1 | 110.1 | 125.9 | 104.9 | 102.2 | 98.7  | 96.4  | 100.2 | 101.0 | 101.1                      |
| STATE :                                                                     | 4 CALIFORNIA |       |       |       |       |       |       |       |       |       |       |                            |
| SEASON                                                                      | JUL          | AUG   | SEP   | OCT   | NOV   | DEC   | JAN   | FEB   | MAR   | APR   | MAY   | JUN                        |
| 95/96                                                                       | 4            | 4     | 17    | 75    | 189   | 395   | 428   | 315   | 305   | 169   | 95    | 33                         |
| 95/96                                                                       | 4            | 8     | 25    | 100   | 289   | 684   | 1112  | 1427  | 1732  | 1901  | 1996  | 2029                       |
| 95/96                                                                       | 44.0         | 50.6  | 53.8  | 64.1  | 61.8  | 71.6  | 76.7  | 78.2  | 78.7  | 77.2  | 76.5  | 76.2                       |
| 96/97                                                                       | 2            | 3     | 30    | 126   | 270   | 405   | 444   | 357   | 238   | 201   | 36    | 39                         |
| 96/97                                                                       | 2            | 5     | 35    | 161   | 431   | 836   | 1280  | 1637  | 1875  | 2076  | 2112  | 2151                       |
| 96/97                                                                       | 22.0         | 31.6  | 75.3  | 103.2 | 92.1  | 87.5  | 88.3  | 89.7  | 85.2  | 84.3  | 81.0  | 80.8                       |
| STATE :                                                                     | 5 COLORADO   |       |       |       |       |       |       |       |       |       |       |                            |
| SEASON                                                                      | JUL          | AUG   | SEP   | OCT   | NOV   | DEC   | JAN   | FEB   | MAR   | APR   | MAY   | JUN                        |
| 95/96                                                                       | 50           | 17    | 245   | 594   | 797   | 1097  | 1260  | 962   | 982   | 624   | 318   | 107                        |
| 95/96                                                                       | 50           | 67    | 312   | 906   | 1703  | 2800  | 4060  | 5022  | 6004  | 6628  | 6946  | 7053                       |
| 95/96                                                                       | 225.2        | 92.3  | 103.6 | 107.4 | 98.0  | 95.6  | 97.3  | 96.9  | 98.2  | 98.2  | 97.5  | 97.1                       |
| 96/97                                                                       | 19           | 45    | 268   | 553   | 894   | 1134  | 1250  | 1055  | 820   | 804   | 384   | 120                        |
| 96/97                                                                       | 19           | 64    | 332   | 885   | 1779  | 2913  | 4163  | 5218  | 6038  | 6842  | 7226  | 7346                       |
| 96/97                                                                       | 85.6         | 88.2  | 110.2 | 104.9 | 102.4 | 99.5  | 99.8  | 100.7 | 98.8  | 101.4 | 101.4 | 101.1                      |

LINE 1 = HEATING DEGREE DAYS (DIVISIONS WEIGHTED BY 1990 POPULATION)  
 LINE 2 = ACCUMULATED HEATING DEGREE DAYS (DIVISIONS WEIGHTED BY 1990 POPULATION)  
 LINE 3 = [ACCUMULATED HEATING DEGREE DAYS (DIVISIONS WEIGHTED BY 1990 POPULATION) / ACCUMULATED NORMAL]\*100  
 PERCENTAGE OF 9999.9 => 10000

| STATE HEATING DEGREE DAYS (DIVISIONS WEIGHTED BY 1990 POPULATION), THRU JUN |               |       |       |       |       |       |       |       |       |       |       | 1997--BASE TEMP = 65 DEG F |
|-----------------------------------------------------------------------------|---------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------------------------|
| STATE :                                                                     | 6 CONNECTICUT |       |       |       |       |       |       |       |       |       |       |                            |
| SEASON                                                                      | JUL           | AUG   | SEP   | OCT   | NOV   | DEC   | JAN   | FEB   | MAR   | APR   | MAY   | JUN                        |
| 95/96                                                                       | 0             | 7     | 124   | 304   | 787   | 1168  | 1221  | 1034  | 957   | 529   | 271   | 23                         |
| 95/96                                                                       | 0             | 7     | 131   | 435   | 1222  | 2390  | 3611  | 4645  | 5602  | 6131  | 6402  | 6425                       |
| 95/96                                                                       | .0            | 50.4  | 109.3 | 83.5  | 102.2 | 106.3 | 104.6 | 103.7 | 105.0 | 104.7 | 105.2 | 104.9                      |
| 96/97                                                                       | 5             | 10    | 91    | 447   | 820   | 886   | 1159  | 843   | 887   | 574   | 320   | 36                         |
| 96/97                                                                       | 5             | 15    | 106   | 553   | 1373  | 2259  | 3418  | 4261  | 5148  | 5722  | 6042  | 6078                       |
| 96/97                                                                       | 357.1         | 107.9 | 88.5  | 106.1 | 114.9 | 100.4 | 99.0  | 95.1  | 96.5  | 97.7  | 99.3  | 99.3                       |
| STATE :                                                                     | 7 DELAWARE    |       |       |       |       |       |       |       |       |       |       |                            |
| SEASON                                                                      | JUL           | AUG   | SEP   | OCT   | NOV   | DEC   | JAN   | FEB   | MAR   | APR   | MAY   | JUN                        |
| 95/96                                                                       | 0             | 0     | 25    | 182   | 667   | 1008  | 1032  | 850   | 792   | 346   | 149   | 0                          |
| 95/96                                                                       | 0             | 0     | 25    | 207   | 874   | 1882  | 2914  | 3764  | 4556  | 4902  | 5051  | 5051                       |
| 95/96                                                                       | .0            | .0    | 73.1  | 67.4  | 103.4 | 109.5 | 106.4 | 104.7 | 106.9 | 105.9 | 106.6 | 106.5                      |
| 96/97                                                                       | 0             | 0     | 25    | 274   | 702   | 744   | 977   | 693   | 613   | 394   | 171   | 5                          |
| 96/97                                                                       | 0             | 0     | 25    | 299   | 1001  | 1745  | 2722  | 3415  | 4028  | 4422  | 4593  | 4598                       |
| 96/97                                                                       | .0            | .0    | 73.1  | 97.3  | 118.4 | 101.5 | 99.4  | 95.0  | 94.5  | 95.5  | 96.9  | 97.0                       |
| STATE :                                                                     | 8 FLORIDA     |       |       |       |       |       |       |       |       |       |       |                            |
| SEASON                                                                      | JUL           | AUG   | SEP   | OCT   | NOV   | DEC   | JAN   | FEB   | MAR   | APR   | MAY   | JUN                        |
| 95/96                                                                       | 0             | 0     | 0     | 3     | 85    | 201   | 232   | 179   | 133   | 20    | 0     | 0                          |
| 95/96                                                                       | 0             | 0     | 0     | 3     | 88    | 289   | 521   | 700   | 833   | 853   | 853   | 853                        |
| 95/96                                                                       | .0            | .0    | .0    | 42.3  | 128.8 | 122.1 | 113.2 | 111.3 | 118.2 | 119.2 | 119.2 | 119.2                      |
| 96/97                                                                       | 0             | 0     | 0     | 7     | 58    | 153   | 185   | 90    | 21    | 18    | 0     | 0                          |
| 96/97                                                                       | 0             | 0     | 0     | 7     | 65    | 218   | 403   | 493   | 514   | 532   | 532   | 532                        |
| 96/97                                                                       | .0            | .0    | .0    | 98.6  | 95.2  | 92.1  | 87.6  | 78.4  | 72.9  | 74.4  | 74.3  | 74.3                       |
| STATE :                                                                     | 9 GEORGIA     |       |       |       |       |       |       |       |       |       |       |                            |
| SEASON                                                                      | JUL           | AUG   | SEP   | OCT   | NOV   | DEC   | JAN   | FEB   | MAR   | APR   | MAY   | JUN                        |
| 95/96                                                                       | 0             | 0     | 13    | 126   | 474   | 664   | 717   | 524   | 500   | 185   | 15    | 0                          |
| 95/96                                                                       | 0             | 0     | 13    | 139   | 613   | 1277  | 1994  | 2518  | 3018  | 3203  | 3218  | 3218                       |
| 95/96                                                                       | .0            | .0    | 135.4 | 90.1  | 122.9 | 116.9 | 111.5 | 108.6 | 112.8 | 114.2 | 113.3 | 113.2                      |
| 96/97                                                                       | 0             | 0     | 11    | 151   | 427   | 548   | 607   | 429   | 203   | 214   | 78    | 7                          |
| 96/97                                                                       | 0             | 0     | 11    | 162   | 589   | 1137  | 1744  | 2173  | 2376  | 2590  | 2668  | 2675                       |
| 96/97                                                                       | .0            | .0    | 114.6 | 105.0 | 118.1 | 104.1 | 97.6  | 93.7  | 88.8  | 92.3  | 93.9  | 94.1                       |
| STATE :                                                                     | 10 IDAHO      |       |       |       |       |       |       |       |       |       |       |                            |
| SEASON                                                                      | JUL           | AUG   | SEP   | OCT   | NOV   | DEC   | JAN   | FEB   | MAR   | APR   | MAY   | JUN                        |
| 95/96                                                                       | 32            | 59    | 165   | 590   | 730   | 1061  | 1146  | 977   | 779   | 544   | 402   | 123                        |
| 95/96                                                                       | 32            | 91    | 256   | 846   | 1576  | 2637  | 3783  | 4760  | 5539  | 6083  | 6485  | 6608                       |
| 95/96                                                                       | 127.0         | 129.4 | 87.2  | 103.2 | 93.4  | 91.5  | 91.8  | 93.7  | 93.6  | 93.8  | 95.1  | 94.9                       |
| 96/97                                                                       | 15            | 41    | 260   | 536   | 819   | 1081  | 1135  | 932   | 771   | 617   | 251   | 129                        |
| 96/97                                                                       | 15            | 56    | 316   | 852   | 1671  | 2752  | 3887  | 4819  | 5590  | 6207  | 6458  | 6587                       |
| 96/97                                                                       | 59.5          | 79.7  | 107.7 | 103.9 | 99.0  | 95.5  | 94.3  | 94.9  | 94.5  | 95.7  | 94.7  | 94.6                       |

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 LINE 3 = [ACCUMULATED HEATING DEGREE DAYS (DIVISIONS WEIGHTED BY 1990 POPULATION) / ACCUMULATED NORMAL]\*100  
 PERCENTAGE OF 9999.9 => 10000

| STATE HEATING DEGREE DAYS (DIVISIONS WEIGHTED BY 1990 POPULATION), THRU JUN |             |       |       |       |       |       |       |       |       |       |       | 1997--BASE TEMP = 65 DEG F |
|-----------------------------------------------------------------------------|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------------------------|
| STATE :                                                                     | 11 ILLINOIS |       |       |       |       |       |       |       |       |       |       |                            |
| SEASON                                                                      | JUL         | AUG   | SEP   | OCT   | NOV   | DEC   | JAN   | FEB   | MAR   | APR   | MAY   | JUN                        |
| 95/96                                                                       | 0           | 0     | 124   | 352   | 956   | 1204  | 1315  | 1071  | 1034  | 564   | 273   | 35                         |
| 95/96                                                                       | 0           | 0     | 124   | 476   | 1432  | 2636  | 3951  | 5022  | 6056  | 6620  | 6893  | 6928                       |
| 95/96                                                                       | .0          | .0    | 128.9 | 102.4 | 120.8 | 112.4 | 107.3 | 105.5 | 108.3 | 109.7 | 110.7 | 110.8                      |
| 96/97                                                                       | 12          | 12    | 103   | 378   | 961   | 1151  | 1429  | 980   | 788   | 575   | 326   | 34                         |
| 96/97                                                                       | 12          | 24    | 127   | 505   | 1466  | 2617  | 4046  | 5026  | 5814  | 6389  | 6715  | 6749                       |
| 96/97                                                                       | 545.5       | 139.5 | 132.0 | 108.6 | 123.7 | 111.6 | 109.9 | 105.6 | 104.0 | 105.9 | 107.9 | 107.9                      |
| STATE :                                                                     | 12 INDIANA  |       |       |       |       |       |       |       |       |       |       |                            |
| SEASON                                                                      | JUL         | AUG   | SEP   | OCT   | NOV   | DEC   | JAN   | FEB   | MAR   | APR   | MAY   | JUN                        |
| 95/96                                                                       | 0           | 0     | 111   | 326   | 869   | 1185  | 1249  | 993   | 978   | 518   | 204   | 20                         |
| 95/96                                                                       | 0           | 0     | 111   | 437   | 1306  | 2491  | 3740  | 4733  | 5711  | 6229  | 6433  | 6453                       |
| 95/96                                                                       | .0          | .0    | 115.1 | 94.7  | 114.5 | 112.2 | 107.7 | 105.1 | 108.0 | 109.2 | 109.4 | 109.2                      |
| 96/97                                                                       | 11          | 9     | 102   | 346   | 889   | 1012  | 1325  | 875   | 735   | 557   | 304   | 31                         |
| 96/97                                                                       | 11          | 20    | 122   | 468   | 1357  | 2369  | 3694  | 4569  | 5304  | 5861  | 6165  | 6196                       |
| 96/97                                                                       | 314.3       | 114.9 | 126.6 | 101.4 | 119.0 | 106.7 | 106.4 | 101.5 | 100.3 | 102.7 | 104.8 | 104.9                      |
| STATE :                                                                     | 13 IOWA     |       |       |       |       |       |       |       |       |       |       |                            |
| SEASON                                                                      | JUL         | AUG   | SEP   | OCT   | NOV   | DEC   | JAN   | FEB   | MAR   | APR   | MAY   | JUN                        |
| 95/96                                                                       | 5           | 1     | 160   | 433   | 1032  | 1262  | 1505  | 1176  | 1080  | 564   | 281   | 32                         |
| 95/96                                                                       | 5           | 6     | 166   | 599   | 1631  | 2893  | 4398  | 5574  | 6654  | 7218  | 7499  | 7531                       |
| 95/96                                                                       | 86.2        | 21.7  | 118.5 | 108.3 | 118.6 | 108.1 | 106.3 | 105.1 | 107.2 | 108.2 | 109.3 | 109.2                      |
| 96/97                                                                       | 18          | 25    | 146   | 408   | 1060  | 1378  | 1549  | 1108  | 853   | 606   | 338   | 25                         |
| 96/97                                                                       | 18          | 43    | 189   | 597   | 1657  | 3035  | 4584  | 5692  | 6545  | 7151  | 7489  | 7514                       |
| 96/97                                                                       | 310.3       | 155.8 | 134.9 | 107.9 | 120.5 | 113.5 | 110.8 | 107.3 | 105.4 | 107.2 | 109.1 | 109.0                      |
| STATE :                                                                     | 14 KANSAS   |       |       |       |       |       |       |       |       |       |       |                            |
| SEASON                                                                      | JUL         | AUG   | SEP   | OCT   | NOV   | DEC   | JAN   | FEB   | MAR   | APR   | MAY   | JUN                        |
| 95/96                                                                       | 0           | 0     | 72    | 250   | 686   | 1000  | 1169  | 806   | 817   | 334   | 77    | 6                          |
| 95/96                                                                       | 0           | 0     | 72    | 322   | 1008  | 2008  | 3177  | 3983  | 4800  | 5134  | 5211  | 5217                       |
| 95/96                                                                       | .0          | .0    | 123.9 | 102.8 | 107.3 | 102.9 | 103.1 | 100.9 | 104.6 | 105.2 | 104.7 | 104.5                      |
| 96/97                                                                       | 4           | 9     | 87    | 265   | 783   | 1013  | 1132  | 820   | 563   | 448   | 165   | 15                         |
| 96/97                                                                       | 4           | 13    | 100   | 365   | 1148  | 2161  | 3293  | 4113  | 4676  | 5124  | 5289  | 5304                       |
| 96/97                                                                       | 285.7       | 206.3 | 172.1 | 116.5 | 122.2 | 110.7 | 106.8 | 104.2 | 101.9 | 105.0 | 106.2 | 106.3                      |
| STATE :                                                                     | 15 KENTUCKY |       |       |       |       |       |       |       |       |       |       |                            |
| SEASON                                                                      | JUL         | AUG   | SEP   | OCT   | NOV   | DEC   | JAN   | FEB   | MAR   | APR   | MAY   | JUN                        |
| 95/96                                                                       | 0           | 0     | 55    | 254   | 716   | 950   | 1004  | 802   | 775   | 370   | 70    | 5                          |
| 95/96                                                                       | 0           | 0     | 55    | 309   | 1025  | 1975  | 2979  | 3781  | 4556  | 4926  | 4996  | 5001                       |
| 95/96                                                                       | .0          | .0    | 115.8 | 95.5  | 118.1 | 113.4 | 107.9 | 105.6 | 109.2 | 110.7 | 109.6 | 109.5                      |
| 96/97                                                                       | 0           | 0     | 62    | 257   | 711   | 752   | 1006  | 646   | 524   | 437   | 203   | 16                         |
| 96/97                                                                       | 0           | 0     | 62    | 319   | 1030  | 1782  | 2788  | 3434  | 3958  | 4395  | 4598  | 4614                       |
| 96/97                                                                       | .0          | .0    | 130.5 | 98.5  | 118.7 | 102.4 | 101.0 | 95.9  | 94.9  | 98.7  | 100.9 | 101.0                      |

LINE 1 = HEATING DEGREE DAYS (DIVISIONS WEIGHTED BY 1990 POPULATION)  
 LINE 2 = ACCUMULATED HEATING DEGREE DAYS (DIVISIONS WEIGHTED BY 1990 POPULATION)  
 LINE 3 = [ACCUMULATED HEATING DEGREE DAYS (DIVISIONS WEIGHTED BY 1990 POPULATION) / ACCUMULATED NORMAL]\*100  
 PERCENTAGE OF 9999.9 => 10000

| STATE HEATING DEGREE DAYS (DIVISIONS WEIGHTED BY 1990 POPULATION), THRU JUN 1997--BASE TEMP = 65 DEG F |                    |       |       |       |       |       |       |       |       |       |       |       |
|--------------------------------------------------------------------------------------------------------|--------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| STATE :                                                                                                | 16 LOUISIANA       |       |       |       |       |       |       |       |       |       |       |       |
| SEASON                                                                                                 | JUL                | AUG   | SEP   | OCT   | NOV   | DEC   | JAN   | FEB   | MAR   | APR   | MAY   | JUN   |
| 95/96                                                                                                  | 0                  | 0     | 0     | 51    | 249   | 422   | 491   | 342   | 314   | 70    | 0     | 0     |
| 95/96                                                                                                  | 0                  | 0     | 0     | 51    | 300   | 722   | 1213  | 1555  | 1869  | 1939  | 1939  | 1939  |
| 95/96                                                                                                  | .0                 | .0    | .0    | 84.4  | 113.3 | 106.6 | 101.4 | 99.1  | 104.8 | 106.3 | 106.2 | 106.2 |
| 96/97                                                                                                  | 0                  | 0     | 1     | 54    | 189   | 332   | 475   | 318   | 122   | 106   | 3     | 0     |
| 96/97                                                                                                  | 0                  | 0     | 1     | 55    | 244   | 576   | 1051  | 1369  | 1491  | 1597  | 1600  | 1600  |
| 96/97                                                                                                  | .0                 | .0    | 200.0 | 91.1  | 92.2  | 85.1  | 87.9  | 87.3  | 83.6  | 87.5  | 87.6  | 87.6  |
| STATE :                                                                                                | 17 MAINE           |       |       |       |       |       |       |       |       |       |       |       |
| SEASON                                                                                                 | JUL                | AUG   | SEP   | OCT   | NOV   | DEC   | JAN   | FEB   | MAR   | APR   | MAY   | JUN   |
| 95/96                                                                                                  | 15                 | 46    | 308   | 446   | 947   | 1383  | 1500  | 1271  | 1160  | 716   | 440   | 106   |
| 95/96                                                                                                  | 15                 | 61    | 369   | 815   | 1762  | 3145  | 4645  | 5916  | 7076  | 7792  | 8232  | 8338  |
| 95/96                                                                                                  | 46.0               | 63.8  | 111.7 | 92.2  | 100.9 | 103.0 | 102.7 | 102.2 | 103.0 | 102.8 | 103.4 | 103.3 |
| 96/97                                                                                                  | 54                 | 54    | 212   | 617   | 958   | 1061  | 1473  | 1202  | 1206  | 777   | 493   | 102   |
| 96/97                                                                                                  | 54                 | 108   | 320   | 937   | 1895  | 2956  | 4429  | 5631  | 6837  | 7614  | 8107  | 8209  |
| 96/97                                                                                                  | 165.6              | 113.0 | 96.9  | 106.0 | 108.5 | 96.8  | 97.9  | 97.3  | 99.5  | 100.4 | 101.9 | 101.7 |
| STATE :                                                                                                | 18 MARYLAND & D.C. |       |       |       |       |       |       |       |       |       |       |       |
| SEASON                                                                                                 | JUL                | AUG   | SEP   | OCT   | NOV   | DEC   | JAN   | FEB   | MAR   | APR   | MAY   | JUN   |
| 95/96                                                                                                  | 0                  | 0     | 32    | 192   | 712   | 1008  | 1073  | 854   | 799   | 318   | 150   | 1     |
| 95/96                                                                                                  | 0                  | 0     | 32    | 224   | 936   | 1944  | 3017  | 3871  | 4670  | 4988  | 5138  | 5139  |
| 95/96                                                                                                  | .0                 | .0    | 80.8  | 68.4  | 105.9 | 109.5 | 107.6 | 105.7 | 108.1 | 106.7 | 107.5 | 107.4 |
| 96/97                                                                                                  | 0                  | 0     | 31    | 281   | 722   | 787   | 972   | 674   | 601   | 395   | 167   | 5     |
| 96/97                                                                                                  | 0                  | 0     | 31    | 312   | 1034  | 1821  | 2793  | 3467  | 4068  | 4463  | 4630  | 4635  |
| 96/97                                                                                                  | .0                 | .0    | 78.3  | 95.3  | 117.0 | 102.5 | 99.6  | 94.7  | 94.1  | 95.5  | 96.8  | 96.9  |
| STATE :                                                                                                | 19 MASSACHUSETTS   |       |       |       |       |       |       |       |       |       |       |       |
| SEASON                                                                                                 | JUL                | AUG   | SEP   | OCT   | NOV   | DEC   | JAN   | FEB   | MAR   | APR   | MAY   | JUN   |
| 95/96                                                                                                  | 0                  | 11    | 147   | 318   | 786   | 1167  | 1201  | 1063  | 989   | 561   | 294   | 36    |
| 95/96                                                                                                  | 0                  | 11    | 158   | 476   | 1262  | 2429  | 3630  | 4693  | 5682  | 6243  | 6537  | 6573  |
| 95/96                                                                                                  | .0                 | 60.1  | 109.9 | 84.4  | 100.2 | 104.1 | 102.1 | 101.8 | 103.1 | 102.7 | 103.0 | 102.6 |
| 96/97                                                                                                  | 4                  | 11    | 112   | 447   | 818   | 871   | 1172  | 873   | 923   | 623   | 340   | 43    |
| 96/97                                                                                                  | 4                  | 15    | 127   | 574   | 1392  | 2263  | 3435  | 4308  | 5231  | 5854  | 6194  | 6237  |
| 96/97                                                                                                  | 210.5              | 82.0  | 88.3  | 101.8 | 110.5 | 97.0  | 96.6  | 93.4  | 95.0  | 96.3  | 97.6  | 97.4  |
| STATE :                                                                                                | 20 MICHIGAN        |       |       |       |       |       |       |       |       |       |       |       |
| SEASON                                                                                                 | JUL                | AUG   | SEP   | OCT   | NOV   | DEC   | JAN   | FEB   | MAR   | APR   | MAY   | JUN   |
| 95/96                                                                                                  | 5                  | 3     | 173   | 379   | 967   | 1268  | 1329  | 1151  | 1123  | 664   | 334   | 46    |
| 95/96                                                                                                  | 5                  | 8     | 181   | 560   | 1527  | 2795  | 4124  | 5275  | 6398  | 7062  | 7396  | 7442  |
| 95/96                                                                                                  | 54.9               | 22.2  | 111.9 | 92.2  | 111.3 | 110.2 | 106.6 | 105.2 | 107.2 | 108.3 | 109.1 | 108.8 |
| 96/97                                                                                                  | 28                 | 16    | 124   | 445   | 955   | 1099  | 1359  | 1029  | 938   | 645   | 463   | 45    |
| 96/97                                                                                                  | 28                 | 44    | 168   | 613   | 1568  | 2667  | 4026  | 5055  | 5993  | 6638  | 7101  | 7146  |
| 96/97                                                                                                  | 307.7              | 121.9 | 103.8 | 100.9 | 114.2 | 105.1 | 104.1 | 100.8 | 100.5 | 101.8 | 104.8 | 104.5 |

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 PERCENTAGE OF 9999.9 => 10000

| STATE HEATING DEGREE DAYS (DIVISIONS WEIGHTED BY 1990 POPULATION), THRU JUN |                |       |       |       |       |       |       |       |       |       |       | 1997--BASE TEMP = 65 DEG F |  |
|-----------------------------------------------------------------------------|----------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------------------------|--|
| STATE :                                                                     | 21 MINNESOTA   |       |       |       |       |       |       |       |       |       |       |                            |  |
| SEASON                                                                      | JUL            | AUG   | SEP   | OCT   | NOV   | DEC   | JAN   | FEB   | MAR   | APR   | MAY   | JUN                        |  |
| 95/96                                                                       | 22             | 16    | 231   | 578   | 1235  | 1544  | 1870  | 1425  | 1339  | 789   | 379   | 74                         |  |
| 95/96                                                                       | 22             | 38    | 269   | 847   | 2082  | 3626  | 5496  | 6921  | 8260  | 9049  | 9428  | 9502                       |  |
| 95/96                                                                       | 97.3           | 52.2  | 91.9  | 99.9  | 111.5 | 106.2 | 106.8 | 105.8 | 107.6 | 109.0 | 109.6 | 109.4                      |  |
| 96/97                                                                       | 43             | 34    | 186   | 555   | 1256  | 1658  | 1790  | 1329  | 1181  | 721   | 437   | 50                         |  |
| 96/97                                                                       | 43             | 77    | 263   | 818   | 2074  | 3732  | 5522  | 6851  | 8032  | 8753  | 9190  | 9240                       |  |
| 96/97                                                                       | 190.3          | 105.8 | 89.8  | 96.4  | 111.0 | 109.3 | 107.3 | 104.8 | 104.6 | 105.4 | 106.9 | 106.4                      |  |
| STATE :                                                                     | 22 MISSISSIPPI |       |       |       |       |       |       |       |       |       |       |                            |  |
| SEASON                                                                      | JUL            | AUG   | SEP   | OCT   | NOV   | DEC   | JAN   | FEB   | MAR   | APR   | MAY   | JUN                        |  |
| 95/96                                                                       | 0              | 0     | 5     | 115   | 415   | 587   | 640   | 483   | 434   | 145   | 2     | 0                          |  |
| 95/96                                                                       | 0              | 0     | 5     | 120   | 535   | 1122  | 1762  | 2245  | 2679  | 2824  | 2826  | 2826                       |  |
| 95/96                                                                       | .0             | .0    | 98.0  | 96.7  | 125.5 | 114.8 | 107.4 | 105.3 | 109.6 | 111.4 | 110.8 | 110.8                      |  |
| 96/97                                                                       | 0              | 0     | 7     | 112   | 324   | 464   | 624   | 412   | 204   | 187   | 29    | 1                          |  |
| 96/97                                                                       | 0              | 0     | 7     | 119   | 443   | 907   | 1531  | 1943  | 2147  | 2334  | 2363  | 2364                       |  |
| 96/97                                                                       | .0             | .0    | 137.3 | 95.9  | 103.9 | 92.8  | 93.3  | 91.1  | 87.8  | 92.1  | 92.7  | 92.7                       |  |
| STATE :                                                                     | 23 MISSOURI    |       |       |       |       |       |       |       |       |       |       |                            |  |
| SEASON                                                                      | JUL            | AUG   | SEP   | OCT   | NOV   | DEC   | JAN   | FEB   | MAR   | APR   | MAY   | JUN                        |  |
| 95/96                                                                       | 0              | 0     | 98    | 259   | 752   | 1024  | 1188  | 867   | 859   | 396   | 101   | 13                         |  |
| 95/96                                                                       | 0              | 0     | 98    | 357   | 1109  | 2133  | 3321  | 4188  | 5047  | 5443  | 5544  | 5557                       |  |
| 95/96                                                                       | .0             | .0    | 154.1 | 103.6 | 115.6 | 108.0 | 106.0 | 103.6 | 107.3 | 108.9 | 108.4 | 108.4                      |  |
| 96/97                                                                       | 6              | 7     | 94    | 283   | 824   | 992   | 1242  | 809   | 596   | 467   | 205   | 17                         |  |
| 96/97                                                                       | 6              | 13    | 107   | 390   | 1214  | 2206  | 3448  | 4257  | 4853  | 5320  | 5525  | 5542                       |  |
| 96/97                                                                       | 666.7          | 178.1 | 168.2 | 113.1 | 126.5 | 111.7 | 110.0 | 105.3 | 103.2 | 106.4 | 108.0 | 108.1                      |  |
| STATE :                                                                     | 24 MONTANA     |       |       |       |       |       |       |       |       |       |       |                            |  |
| SEASON                                                                      | JUL            | AUG   | SEP   | OCT   | NOV   | DEC   | JAN   | FEB   | MAR   | APR   | MAY   | JUN                        |  |
| 95/96                                                                       | 80             | 95    | 292   | 678   | 914   | 1259  | 1518  | 1125  | 1157  | 634   | 543   | 167                        |  |
| 95/96                                                                       | 80             | 175   | 467   | 1145  | 2059  | 3318  | 4836  | 5961  | 7118  | 7752  | 8295  | 8462                       |  |
| 95/96                                                                       | 126.8          | 116.4 | 98.6  | 105.0 | 98.8  | 97.6  | 101.1 | 101.6 | 103.8 | 103.0 | 104.4 | 103.9                      |  |
| 96/97                                                                       | 50             | 65    | 342   | 664   | 1166  | 1434  | 1458  | 1037  | 944   | 813   | 378   | 172                        |  |
| 96/97                                                                       | 50             | 115   | 457   | 1121  | 2287  | 3721  | 5179  | 6216  | 7160  | 7973  | 8351  | 8523                       |  |
| 96/97                                                                       | 79.2           | 76.5  | 96.5  | 102.8 | 109.8 | 109.4 | 108.2 | 106.0 | 104.4 | 105.9 | 105.1 | 104.6                      |  |
| STATE :                                                                     | 25 NEBRASKA    |       |       |       |       |       |       |       |       |       |       |                            |  |
| SEASON                                                                      | JUL            | AUG   | SEP   | OCT   | NOV   | DEC   | JAN   | FEB   | MAR   | APR   | MAY   | JUN                        |  |
| 95/96                                                                       | 3              | 1     | 135   | 412   | 889   | 1149  | 1432  | 994   | 1030  | 490   | 248   | 26                         |  |
| 95/96                                                                       | 3              | 4     | 139   | 551   | 1440  | 2589  | 4021  | 5015  | 6045  | 6535  | 6783  | 6809                       |  |
| 95/96                                                                       | 56.6           | 20.6  | 105.9 | 106.1 | 108.7 | 101.6 | 103.4 | 101.5 | 104.6 | 105.4 | 106.3 | 106.2                      |  |
| 96/97                                                                       | 17             | 21    | 148   | 378   | 1013  | 1329  | 1386  | 1001  | 743   | 616   | 281   | 26                         |  |
| 96/97                                                                       | 17             | 38    | 186   | 564   | 1577  | 2906  | 4292  | 5293  | 6036  | 6652  | 6933  | 6959                       |  |
| 96/97                                                                       | 320.8          | 195.9 | 141.8 | 108.6 | 119.1 | 114.1 | 110.4 | 107.2 | 104.5 | 107.3 | 108.7 | 108.5                      |  |

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| STATE HEATING DEGREE DAYS (DIVISIONS WEIGHTED BY 1990 POPULATION), THRU JUN |                  |       |       |       |       |       |       |       |       |       |       | 1997--BASE TEMP = 65 DEG F |
|-----------------------------------------------------------------------------|------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------------------------|
| STATE :                                                                     | 26 NEVADA        |       |       |       |       |       |       |       |       |       |       |                            |
| SEASON                                                                      | JUL              | AUG   | SEP   | OCT   | NOV   | DEC   | JAN   | FEB   | MAR   | APR   | MAY   | JUN                        |
| 95/96                                                                       | 8                | 9     | 43    | 214   | 361   | 684   | 710   | 518   | 449   | 268   | 133   | 36                         |
| 95/96                                                                       | 8                | 17    | 60    | 274   | 635   | 1319  | 2029  | 2547  | 2996  | 3264  | 3397  | 3433                       |
| 95/96                                                                       | 216.2            | 111.8 | 69.9  | 81.5  | 71.3  | 76.9  | 79.4  | 80.4  | 80.8  | 80.5  | 80.6  | 80.6                       |
| 96/97                                                                       | 1                | 6     | 72    | 252   | 485   | 720   | 758   | 583   | 373   | 321   | 78    | 50                         |
| 96/97                                                                       | 1                | 7     | 79    | 331   | 816   | 1536  | 2294  | 2877  | 3250  | 3571  | 3649  | 3699                       |
| 96/97                                                                       | 27.0             | 46.1  | 92.1  | 98.4  | 91.6  | 89.6  | 89.7  | 90.8  | 87.6  | 88.1  | 86.6  | 86.8                       |
| STATE :                                                                     | 27 NEW HAMPSHIRE |       |       |       |       |       |       |       |       |       |       |                            |
| SEASON                                                                      | JUL              | AUG   | SEP   | OCT   | NOV   | DEC   | JAN   | FEB   | MAR   | APR   | MAY   | JUN                        |
| 95/96                                                                       | 2                | 35    | 256   | 417   | 922   | 1328  | 1388  | 1206  | 1102  | 656   | 372   | 56                         |
| 95/96                                                                       | 2                | 37    | 293   | 710   | 1632  | 2960  | 4348  | 5554  | 6656  | 7312  | 7684  | 7740                       |
| 95/96                                                                       | 13.5             | 57.2  | 107.7 | 88.2  | 99.5  | 102.0 | 100.6 | 100.4 | 101.6 | 101.5 | 102.2 | 101.9                      |
| 96/97                                                                       | 18               | 33    | 160   | 576   | 946   | 1047  | 1397  | 1060  | 1122  | 717   | 439   | 63                         |
| 96/97                                                                       | 18               | 51    | 211   | 787   | 1733  | 2780  | 4177  | 5237  | 6359  | 7076  | 7515  | 7578                       |
| 96/97                                                                       | 121.6            | 78.8  | 77.6  | 97.8  | 105.6 | 95.8  | 96.6  | 94.7  | 97.0  | 98.3  | 100.0 | 99.8                       |
| STATE :                                                                     | 28 NEW JERSEY    |       |       |       |       |       |       |       |       |       |       |                            |
| SEASON                                                                      | JUL              | AUG   | SEP   | OCT   | NOV   | DEC   | JAN   | FEB   | MAR   | APR   | MAY   | JUN                        |
| 95/96                                                                       | 0                | 0     | 63    | 241   | 736   | 1093  | 1121  | 934   | 882   | 421   | 210   | 6                          |
| 95/96                                                                       | 0                | 0     | 63    | 304   | 1040  | 2133  | 3254  | 4188  | 5070  | 5491  | 5701  | 5707                       |
| 95/96                                                                       | .0               | .0    | 93.6  | 75.0  | 102.7 | 108.0 | 105.2 | 103.7 | 105.5 | 104.6 | 105.3 | 105.1                      |
| 96/97                                                                       | 0                | 0     | 49    | 340   | 741   | 822   | 1077  | 757   | 738   | 489   | 243   | 19                         |
| 96/97                                                                       | 0                | 0     | 49    | 389   | 1130  | 1952  | 3029  | 3786  | 4524  | 5013  | 5256  | 5275                       |
| 96/97                                                                       | .0               | .0    | 72.8  | 95.9  | 111.6 | 98.8  | 98.0  | 93.7  | 94.2  | 95.5  | 97.1  | 97.1                       |
| STATE :                                                                     | 29 NEW MEXICO    |       |       |       |       |       |       |       |       |       |       |                            |
| SEASON                                                                      | JUL              | AUG   | SEP   | OCT   | NOV   | DEC   | JAN   | FEB   | MAR   | APR   | MAY   | JUN                        |
| 95/96                                                                       | 6                | 1     | 52    | 279   | 522   | 822   | 863   | 579   | 615   | 309   | 54    | 12                         |
| 95/96                                                                       | 6                | 7     | 59    | 338   | 860   | 1682  | 2545  | 3124  | 3739  | 4048  | 4102  | 4114                       |
| 95/96                                                                       | 193.5            | 59.8  | 76.9  | 89.5  | 85.5  | 88.0  | 89.1  | 87.4  | 89.4  | 89.2  | 87.5  | 87.3                       |
| 96/97                                                                       | 2                | 5     | 93    | 318   | 601   | 843   | 966   | 735   | 494   | 431   | 116   | 30                         |
| 96/97                                                                       | 2                | 7     | 100   | 418   | 1019  | 1862  | 2828  | 3563  | 4057  | 4488  | 4604  | 4634                       |
| 96/97                                                                       | 64.5             | 59.8  | 130.4 | 110.7 | 101.3 | 97.4  | 99.0  | 99.6  | 97.0  | 98.9  | 98.2  | 98.3                       |
| STATE :                                                                     | 30 NEW YORK      |       |       |       |       |       |       |       |       |       |       |                            |
| SEASON                                                                      | JUL              | AUG   | SEP   | OCT   | NOV   | DEC   | JAN   | FEB   | MAR   | APR   | MAY   | JUN                        |
| 95/96                                                                       | 1                | 5     | 111   | 259   | 761   | 1136  | 1196  | 1008  | 963   | 535   | 258   | 21                         |
| 95/96                                                                       | 1                | 6     | 117   | 376   | 1137  | 2273  | 3469  | 4477  | 5440  | 5975  | 6233  | 6254                       |
| 95/96                                                                       | 21.7             | 32.1  | 105.5 | 78.8  | 101.0 | 105.9 | 104.2 | 103.0 | 104.6 | 104.6 | 105.2 | 104.9                      |
| 96/97                                                                       | 9                | 9     | 75    | 377   | 786   | 858   | 1157  | 846   | 862   | 552   | 316   | 27                         |
| 96/97                                                                       | 9                | 18    | 93    | 470   | 1256  | 2114  | 3271  | 4117  | 4979  | 5531  | 5847  | 5874                       |
| 96/97                                                                       | 195.7            | 96.3  | 83.9  | 98.5  | 111.6 | 98.5  | 98.3  | 94.7  | 95.7  | 96.9  | 98.7  | 98.5                       |

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| STATE HEATING DEGREE DAYS (DIVISIONS WEIGHTED BY 1990 POPULATION), THRU JUN 1997--BASE TEMP = 65 DEG F |                   |       |       |       |       |       |       |       |       |       |       |       |
|--------------------------------------------------------------------------------------------------------|-------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| STATE :                                                                                                | 31 NORTH CAROLINA |       |       |       |       |       |       |       |       |       |       |       |
| SEASON                                                                                                 | JUL               | AUG   | SEP   | OCT   | NOV   | DEC   | JAN   | FEB   | MAR   | APR   | MAY   | JUN   |
| 95/96                                                                                                  | 0                 | 0     | 23    | 157   | 561   | 818   | 831   | 640   | 605   | 221   | 36    | 2     |
| 95/96                                                                                                  | 0                 | 0     | 23    | 180   | 741   | 1559  | 2390  | 3030  | 3635  | 3856  | 3892  | 3894  |
| 95/96                                                                                                  | .0                | .0    | 125.7 | 81.9  | 116.3 | 116.9 | 111.9 | 109.0 | 112.2 | 112.3 | 111.6 | 111.5 |
| 96/97                                                                                                  | 0                 | 0     | 21    | 196   | 568   | 636   | 759   | 529   | 338   | 301   | 111   | 12    |
| 96/97                                                                                                  | 0                 | 0     | 21    | 217   | 785   | 1421  | 2180  | 2709  | 3047  | 3348  | 3459  | 3471  |
| 96/97                                                                                                  | .0                | .0    | 114.8 | 98.7  | 123.3 | 106.6 | 102.1 | 97.5  | 94.0  | 97.5  | 99.2  | 99.4  |
| STATE :                                                                                                | 32 NORTH DAKOTA   |       |       |       |       |       |       |       |       |       |       |       |
| SEASON                                                                                                 | JUL               | AUG   | SEP   | OCT   | NOV   | DEC   | JAN   | FEB   | MAR   | APR   | MAY   | JUN   |
| 95/96                                                                                                  | 45                | 33    | 264   | 668   | 1302  | 1668  | 2029  | 1449  | 1491  | 868   | 437   | 91    |
| 95/96                                                                                                  | 45                | 78    | 342   | 1010  | 2312  | 3980  | 6009  | 7458  | 8949  | 9817  | 10254 | 10345 |
| 95/96                                                                                                  | 138.5             | 82.8  | 92.5  | 101.9 | 109.0 | 105.8 | 107.9 | 106.3 | 108.6 | 110.0 | 110.7 | 110.3 |
| 96/97                                                                                                  | 56                | 35    | 259   | 670   | 1483  | 1877  | 1981  | 1385  | 1358  | 861   | 417   | 63    |
| 96/97                                                                                                  | 56                | 91    | 350   | 1020  | 2503  | 4380  | 6361  | 7746  | 9104  | 9965  | 10382 | 10445 |
| 96/97                                                                                                  | 172.3             | 96.6  | 94.7  | 102.9 | 118.0 | 116.4 | 114.2 | 110.4 | 110.5 | 111.7 | 112.1 | 111.3 |
| STATE :                                                                                                | 33 OHIO           |       |       |       |       |       |       |       |       |       |       |       |
| SEASON                                                                                                 | JUL               | AUG   | SEP   | OCT   | NOV   | DEC   | JAN   | FEB   | MAR   | APR   | MAY   | JUN   |
| 95/96                                                                                                  | 0                 | 0     | 126   | 321   | 854   | 1199  | 1241  | 1030  | 997   | 511   | 231   | 22    |
| 95/96                                                                                                  | 0                 | 0     | 126   | 447   | 1301  | 2500  | 3741  | 4771  | 5768  | 6279  | 6510  | 6532  |
| 95/96                                                                                                  | .0                | .0    | 116.5 | 92.0  | 112.1 | 113.2 | 109.2 | 107.2 | 109.8 | 110.1 | 110.4 | 110.1 |
| 96/97                                                                                                  | 9                 | 9     | 101   | 366   | 878   | 920   | 1226  | 865   | 755   | 572   | 342   | 34    |
| 96/97                                                                                                  | 9                 | 18    | 119   | 485   | 1363  | 2283  | 3509  | 4374  | 5129  | 5701  | 6043  | 6077  |
| 96/97                                                                                                  | 225.0             | 107.8 | 110.0 | 99.9  | 117.5 | 103.3 | 102.4 | 98.3  | 97.6  | 100.0 | 102.4 | 102.4 |
| STATE :                                                                                                | 34 OKLAHOMA       |       |       |       |       |       |       |       |       |       |       |       |
| SEASON                                                                                                 | JUL               | AUG   | SEP   | OCT   | NOV   | DEC   | JAN   | FEB   | MAR   | APR   | MAY   | JUN   |
| 95/96                                                                                                  | 0                 | 0     | 26    | 140   | 463   | 769   | 887   | 590   | 591   | 195   | 6     | 0     |
| 95/96                                                                                                  | 0                 | 0     | 26    | 166   | 629   | 1398  | 2285  | 2875  | 3466  | 3661  | 3667  | 3667  |
| 95/96                                                                                                  | .0                | .0    | 132.0 | 100.0 | 102.6 | 100.0 | 99.9  | 97.5  | 101.9 | 102.8 | 102.1 | 102.1 |
| 96/97                                                                                                  | 0                 | 0     | 35    | 154   | 555   | 708   | 860   | 589   | 384   | 286   | 55    | 0     |
| 96/97                                                                                                  | 0                 | 0     | 35    | 189   | 744   | 1452  | 2312  | 2901  | 3285  | 3571  | 3626  | 3626  |
| 96/97                                                                                                  | .0                | .0    | 177.7 | 113.9 | 121.4 | 103.9 | 101.0 | 98.4  | 96.6  | 100.3 | 100.9 | 100.9 |
| STATE :                                                                                                | 35 OREGON         |       |       |       |       |       |       |       |       |       |       |       |
| SEASON                                                                                                 | JUL               | AUG   | SEP   | OCT   | NOV   | DEC   | JAN   | FEB   | MAR   | APR   | MAY   | JUN   |
| 95/96                                                                                                  | 33                | 85    | 88    | 404   | 485   | 739   | 776   | 676   | 584   | 422   | 382   | 165   |
| 95/96                                                                                                  | 33                | 118   | 206   | 610   | 1095  | 1834  | 2610  | 3286  | 3870  | 4292  | 4674  | 4839  |
| 95/96                                                                                                  | 51.8              | 91.6  | 71.8  | 90.3  | 83.9  | 86.3  | 88.1  | 91.0  | 91.3  | 90.7  | 92.3  | 92.5  |
| 96/97                                                                                                  | 22                | 42    | 196   | 409   | 620   | 764   | 795   | 651   | 607   | 488   | 185   | 167   |
| 96/97                                                                                                  | 22                | 64    | 260   | 669   | 1289  | 2053  | 2848  | 3499  | 4106  | 4594  | 4779  | 4946  |
| 96/97                                                                                                  | 34.5              | 49.7  | 90.6  | 99.0  | 98.8  | 96.6  | 96.2  | 96.9  | 96.9  | 97.1  | 94.3  | 94.6  |

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 PERCENTAGE OF 9999.9 => 10000

| STATE HEATING DEGREE DAYS (DIVISIONS WEIGHTED BY 1990 POPULATION), THRU JUN |                   |       |       |       |       |       |       |       |       |       |       | 1997--BASE TEMP = 65 DEG F |
|-----------------------------------------------------------------------------|-------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------------------------|
| STATE :                                                                     | 36 PENNSYLVANIA   |       |       |       |       |       |       |       |       |       |       |                            |
| SEASON                                                                      | JUL               | AUG   | SEP   | OCT   | NOV   | DEC   | JAN   | FEB   | MAR   | APR   | MAY   | JUN                        |
| 95/96                                                                       | 1                 | 2     | 107   | 292   | 822   | 1165  | 1212  | 1000  | 954   | 473   | 240   | 15                         |
| 95/96                                                                       | 1                 | 3     | 110   | 402   | 1224  | 2389  | 3601  | 4601  | 5555  | 6028  | 6268  | 6283                       |
| 95/96                                                                       | 16.9              | 14.5  | 91.7  | 78.8  | 103.7 | 108.1 | 106.0 | 104.5 | 106.5 | 106.0 | 106.5 | 106.1                      |
| 96/97                                                                       | 10                | 10    | 87    | 390   | 834   | 898   | 1164  | 834   | 778   | 548   | 313   | 34                         |
| 96/97                                                                       | 10                | 20    | 107   | 497   | 1331  | 2229  | 3393  | 4227  | 5005  | 5553  | 5866  | 5900                       |
| 96/97                                                                       | 169.5             | 96.6  | 89.2  | 97.5  | 112.8 | 100.9 | 99.9  | 96.0  | 96.0  | 97.7  | 99.7  | 99.7                       |
| STATE :                                                                     | 37 RHODE ISLAND   |       |       |       |       |       |       |       |       |       |       |                            |
| SEASON                                                                      | JUL               | AUG   | SEP   | OCT   | NOV   | DEC   | JAN   | FEB   | MAR   | APR   | MAY   | JUN                        |
| 95/96                                                                       | 0                 | 6     | 100   | 254   | 725   | 1094  | 1140  | 1008  | 936   | 534   | 269   | 31                         |
| 95/96                                                                       | 0                 | 6     | 106   | 360   | 1085  | 2179  | 3319  | 4327  | 5263  | 5797  | 6066  | 6097                       |
| 95/96                                                                       | .0                | 44.1  | 95.8  | 75.3  | 97.5  | 103.7 | 102.6 | 102.5 | 103.7 | 103.1 | 103.0 | 102.6                      |
| 96/97                                                                       | 6                 | 10    | 83    | 399   | 768   | 827   | 1116  | 812   | 858   | 564   | 331   | 36                         |
| 96/97                                                                       | 6                 | 16    | 99    | 498   | 1266  | 2093  | 3209  | 4021  | 4879  | 5443  | 5774  | 5810                       |
| 96/97                                                                       | 375.0             | 117.6 | 89.5  | 104.2 | 113.8 | 99.6  | 99.2  | 95.2  | 96.1  | 96.8  | 98.0  | 97.8                       |
| STATE :                                                                     | 38 SOUTH CAROLINA |       |       |       |       |       |       |       |       |       |       |                            |
| SEASON                                                                      | JUL               | AUG   | SEP   | OCT   | NOV   | DEC   | JAN   | FEB   | MAR   | APR   | MAY   | JUN                        |
| 95/96                                                                       | 0                 | 0     | 7     | 101   | 457   | 690   | 703   | 501   | 478   | 152   | 10    | 0                          |
| 95/96                                                                       | 0                 | 0     | 7     | 108   | 565   | 1255  | 1958  | 2459  | 2937  | 3089  | 3099  | 3099                       |
| 95/96                                                                       | .0                | .0    | 129.6 | 75.6  | 119.2 | 118.4 | 112.2 | 108.2 | 111.9 | 112.6 | 112.0 | 112.0                      |
| 96/97                                                                       | 0                 | 0     | 8     | 155   | 456   | 552   | 618   | 432   | 215   | 203   | 66    | 5                          |
| 96/97                                                                       | 0                 | 0     | 8     | 163   | 619   | 1171  | 1789  | 2221  | 2436  | 2639  | 2705  | 2710                       |
| 96/97                                                                       | .0                | .0    | 148.1 | 114.1 | 130.6 | 110.5 | 102.5 | 97.7  | 92.8  | 96.2  | 97.7  | 97.9                       |
| STATE :                                                                     | 39 SOUTH DAKOTA   |       |       |       |       |       |       |       |       |       |       |                            |
| SEASON                                                                      | JUL               | AUG   | SEP   | OCT   | NOV   | DEC   | JAN   | FEB   | MAR   | APR   | MAY   | JUN                        |
| 95/96                                                                       | 23                | 12    | 191   | 555   | 1051  | 1309  | 1659  | 1165  | 1232  | 660   | 370   | 66                         |
| 95/96                                                                       | 23                | 35    | 226   | 781   | 1832  | 3141  | 4800  | 5965  | 7197  | 7857  | 8227  | 8293                       |
| 95/96                                                                       | 135.3             | 80.1  | 104.5 | 111.1 | 111.3 | 103.6 | 105.6 | 103.9 | 106.8 | 107.9 | 109.1 | 108.9                      |
| 96/97                                                                       | 39                | 27    | 202   | 522   | 1245  | 1633  | 1676  | 1190  | 1014  | 732   | 370   | 60                         |
| 96/97                                                                       | 39                | 66    | 268   | 790   | 2035  | 3668  | 5344  | 6534  | 7548  | 8280  | 8650  | 8710                       |
| 96/97                                                                       | 229.4             | 151.0 | 124.0 | 112.4 | 123.7 | 120.9 | 117.6 | 113.8 | 112.0 | 113.7 | 114.8 | 114.4                      |
| STATE :                                                                     | 40 TENNESSEE      |       |       |       |       |       |       |       |       |       |       |                            |
| SEASON                                                                      | JUL               | AUG   | SEP   | OCT   | NOV   | DEC   | JAN   | FEB   | MAR   | APR   | MAY   | JUN                        |
| 95/96                                                                       | 0                 | 0     | 37    | 229   | 660   | 856   | 904   | 729   | 670   | 317   | 44    | 3                          |
| 95/96                                                                       | 0                 | 0     | 37    | 266   | 926   | 1782  | 2686  | 3415  | 4085  | 4402  | 4446  | 4449                       |
| 95/96                                                                       | .0                | .0    | 116.0 | 97.4  | 122.0 | 115.0 | 108.9 | 107.1 | 110.4 | 112.2 | 111.1 | 111.1                      |
| 96/97                                                                       | 0                 | 0     | 45    | 230   | 617   | 690   | 869   | 573   | 400   | 365   | 153   | 11                         |
| 96/97                                                                       | 0                 | 0     | 45    | 275   | 892   | 1582  | 2451  | 3024  | 3424  | 3789  | 3942  | 3953                       |
| 96/97                                                                       | .0                | .0    | 141.1 | 100.7 | 117.5 | 102.1 | 99.4  | 94.8  | 92.5  | 96.6  | 98.5  | 98.7                       |

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 PERCENTAGE OF 9999.9 => 10000

| STATE HEATING DEGREE DAYS (DIVISIONS WEIGHTED BY 1990 POPULATION), THRU JUN |               |       |       |       |       |       |       |       |       | 1997--BASE TEMP = 65 DEG F |       |       |
|-----------------------------------------------------------------------------|---------------|-------|-------|-------|-------|-------|-------|-------|-------|----------------------------|-------|-------|
| STATE :                                                                     | 41 TEXAS      |       |       |       |       |       |       |       |       |                            |       |       |
| SEASON                                                                      | JUL           | AUG   | SEP   | OCT   | NOV   | DEC   | JAN   | FEB   | MAR   | APR                        | MAY   | JUN   |
| 95/96                                                                       | 0             | 0     | 2     | 52    | 244   | 429   | 538   | 316   | 344   | 75                         | 0     | 0     |
| 95/96                                                                       | 0             | 0     | 2     | 54    | 298   | 727   | 1265  | 1581  | 1925  | 2000                       | 2000  | 2000  |
| 95/96                                                                       | .0            | .0    | 87.0  | 90.3  | 100.6 | 94.3  | 94.7  | 91.0  | 97.4  | 98.2                       | 98.1  | 98.1  |
| 96/97                                                                       | 0             | 0     | 5     | 57    | 233   | 393   | 557   | 383   | 187   | 142                        | 9     | 0     |
| 96/97                                                                       | 0             | 0     | 5     | 62    | 295   | 688   | 1245  | 1628  | 1815  | 1957                       | 1966  | 1966  |
| 96/97                                                                       | .0            | .0    | 217.4 | 103.7 | 99.6  | 89.3  | 93.2  | 93.7  | 91.8  | 96.1                       | 96.4  | 96.4  |
| STATE :                                                                     | 42 UTAH       |       |       |       |       |       |       |       |       |                            |       |       |
| SEASON                                                                      | JUL           | AUG   | SEP   | OCT   | NOV   | DEC   | JAN   | FEB   | MAR   | APR                        | MAY   | JUN   |
| 95/96                                                                       | 6             | 2     | 97    | 469   | 633   | 941   | 1046  | 920   | 704   | 502                        | 256   | 37    |
| 95/96                                                                       | 6             | 8     | 105   | 574   | 1207  | 2148  | 3194  | 4114  | 4818  | 5320                       | 5576  | 5613  |
| 95/96                                                                       | 206.9         | 67.8  | 65.4  | 94.3  | 85.3  | 83.6  | 84.2  | 86.8  | 86.8  | 87.5                       | 87.6  | 87.0  |
| 96/97                                                                       | 1             | 3     | 160   | 446   | 740   | 989   | 1111  | 939   | 670   | 575                        | 185   | 59    |
| 96/97                                                                       | 1             | 4     | 164   | 610   | 1350  | 2339  | 3450  | 4389  | 5059  | 5634                       | 5819  | 5878  |
| 96/97                                                                       | 34.5          | 33.9  | 102.2 | 100.2 | 95.4  | 91.0  | 90.9  | 92.6  | 91.2  | 92.7                       | 91.4  | 91.1  |
| STATE :                                                                     | 43 VERMONT    |       |       |       |       |       |       |       |       |                            |       |       |
| SEASON                                                                      | JUL           | AUG   | SEP   | OCT   | NOV   | DEC   | JAN   | FEB   | MAR   | APR                        | MAY   | JUN   |
| 95/96                                                                       | 8             | 49    | 307   | 429   | 975   | 1438  | 1518  | 1274  | 1185  | 706                        | 398   | 67    |
| 95/96                                                                       | 8             | 57    | 364   | 793   | 1768  | 3206  | 4724  | 5998  | 7183  | 7889                       | 8287  | 8354  |
| 95/96                                                                       | 36.0          | 68.0  | 119.1 | 92.7  | 102.8 | 105.7 | 104.5 | 103.2 | 104.2 | 104.3                      | 105.1 | 104.8 |
| 96/97                                                                       | 35            | 50    | 176   | 591   | 1002  | 1068  | 1488  | 1154  | 1210  | 776                        | 493   | 68    |
| 96/97                                                                       | 35            | 85    | 261   | 852   | 1854  | 2922  | 4410  | 5564  | 6774  | 7550                       | 8043  | 8111  |
| 96/97                                                                       | 157.7         | 101.4 | 85.4  | 99.6  | 107.8 | 96.3  | 97.5  | 95.8  | 98.3  | 99.8                       | 102.0 | 101.8 |
| STATE :                                                                     | 44 VIRGINIA   |       |       |       |       |       |       |       |       |                            |       |       |
| SEASON                                                                      | JUL           | AUG   | SEP   | OCT   | NOV   | DEC   | JAN   | FEB   | MAR   | APR                        | MAY   | JUN   |
| 95/96                                                                       | 0             | 0     | 49    | 217   | 677   | 956   | 985   | 813   | 760   | 304                        | 117   | 3     |
| 95/96                                                                       | 0             | 0     | 49    | 266   | 943   | 1899  | 2884  | 3697  | 4457  | 4761                       | 4878  | 4881  |
| 95/96                                                                       | .0            | .0    | 119.5 | 85.5  | 114.2 | 114.9 | 110.6 | 108.9 | 111.6 | 110.8                      | 111.0 | 110.9 |
| 96/97                                                                       | 1             | 1     | 47    | 272   | 705   | 759   | 920   | 656   | 545   | 418                        | 188   | 17    |
| 96/97                                                                       | 1             | 2     | 49    | 321   | 1026  | 1785  | 2705  | 3361  | 3906  | 4324                       | 4512  | 4529  |
| 96/97                                                                       | 250.0         | 200.0 | 119.5 | 103.2 | 124.2 | 108.0 | 103.7 | 99.0  | 97.8  | 100.6                      | 102.7 | 102.9 |
| STATE :                                                                     | 45 WASHINGTON |       |       |       |       |       |       |       |       |                            |       |       |
| SEASON                                                                      | JUL           | AUG   | SEP   | OCT   | NOV   | DEC   | JAN   | FEB   | MAR   | APR                        | MAY   | JUN   |
| 95/96                                                                       | 43            | 117   | 104   | 459   | 569   | 822   | 896   | 741   | 635   | 433                        | 398   | 176   |
| 95/96                                                                       | 43            | 160   | 264   | 723   | 1292  | 2114  | 3010  | 3751  | 4386  | 4819                       | 5217  | 5393  |
| 95/96                                                                       | 55.1          | 102.9 | 75.8  | 91.0  | 87.3  | 89.5  | 92.2  | 94.5  | 94.6  | 93.8                       | 95.4  | 95.7  |
| 96/97                                                                       | 39            | 55    | 234   | 469   | 727   | 929   | 863   | 704   | 660   | 503                        | 225   | 166   |
| 96/97                                                                       | 39            | 94    | 328   | 797   | 1524  | 2453  | 3316  | 4020  | 4680  | 5183                       | 5408  | 5574  |
| 96/97                                                                       | 49.9          | 60.5  | 94.2  | 100.3 | 103.0 | 103.9 | 101.5 | 101.3 | 101.0 | 100.9                      | 98.9  | 98.9  |

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| STATE HEATING DEGREE DAYS (DIVISIONS WEIGHTED BY 1990 POPULATION), THRU JUN 1997--BASE TEMP = 65 DEG F |                  |       |       |       |       |       |       |       |       |       |       |       |
|--------------------------------------------------------------------------------------------------------|------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| STATE :                                                                                                | 46 WEST VIRGINIA |       |       |       |       |       |       |       |       |       |       |       |
| SEASON                                                                                                 | JUL              | AUG   | SEP   | OCT   | NOV   | DEC   | JAN   | FEB   | MAR   | APR   | MAY   | JUN   |
| 95/96                                                                                                  | 2                | 1     | 101   | 302   | 786   | 1078  | 1090  | 919   | 892   | 421   | 157   | 18    |
| 95/96                                                                                                  | 2                | 3     | 104   | 406   | 1192  | 2270  | 3360  | 4279  | 5171  | 5592  | 5749  | 5767  |
| 95/96                                                                                                  | 57.1             | 25.6  | 114.2 | 91.1  | 111.8 | 112.9 | 108.5 | 106.9 | 110.1 | 110.1 | 109.7 | 109.4 |
| 96/97                                                                                                  | 10               | 8     | 95    | 347   | 824   | 837   | 1060  | 749   | 643   | 538   | 305   | 40    |
| 96/97                                                                                                  | 10               | 18    | 113   | 460   | 1284  | 2121  | 3181  | 3930  | 4573  | 5111  | 5416  | 5456  |
| 96/97                                                                                                  | 285.7            | 153.8 | 124.0 | 103.2 | 120.4 | 105.5 | 102.7 | 98.2  | 97.4  | 100.6 | 103.3 | 103.5 |
| STATE :                                                                                                | 47 WISCONSIN     |       |       |       |       |       |       |       |       |       |       |       |
| SEASON                                                                                                 | JUL              | AUG   | SEP   | OCT   | NOV   | DEC   | JAN   | FEB   | MAR   | APR   | MAY   | JUN   |
| 95/96                                                                                                  | 8                | 4     | 206   | 479   | 1130  | 1410  | 1561  | 1292  | 1208  | 729   | 404   | 85    |
| 95/96                                                                                                  | 8                | 12    | 218   | 697   | 1827  | 3237  | 4798  | 6090  | 7298  | 8027  | 8431  | 8516  |
| 95/96                                                                                                  | 55.2             | 22.6  | 102.1 | 99.4  | 116.2 | 111.1 | 108.1 | 107.1 | 108.7 | 109.8 | 111.0 | 110.9 |
| 96/97                                                                                                  | 40               | 30    | 150   | 497   | 1093  | 1342  | 1558  | 1162  | 1026  | 676   | 458   | 67    |
| 96/97                                                                                                  | 40               | 70    | 220   | 717   | 1810  | 3152  | 4710  | 5872  | 6898  | 7574  | 8032  | 8099  |
| 96/97                                                                                                  | 275.9            | 132.1 | 103.0 | 102.3 | 115.1 | 108.2 | 106.1 | 103.2 | 102.8 | 103.6 | 105.7 | 105.5 |
| STATE :                                                                                                | 48 WYOMING       |       |       |       |       |       |       |       |       |       |       |       |
| SEASON                                                                                                 | JUL              | AUG   | SEP   | OCT   | NOV   | DEC   | JAN   | FEB   | MAR   | APR   | MAY   | JUN   |
| 95/96                                                                                                  | 67               | 36    | 282   | 682   | 881   | 1184  | 1419  | 1092  | 1108  | 674   | 473   | 139   |
| 95/96                                                                                                  | 67               | 103   | 385   | 1067  | 1948  | 3132  | 4551  | 5643  | 6751  | 7425  | 7898  | 8037  |
| 95/96                                                                                                  | 179.1            | 101.4 | 98.9  | 107.0 | 98.1  | 95.0  | 97.6  | 97.8  | 99.5  | 99.3  | 99.9  | 99.5  |
| 96/97                                                                                                  | 35               | 53    | 316   | 645   | 1012  | 1273  | 1388  | 1142  | 922   | 858   | 414   | 145   |
| 96/97                                                                                                  | 35               | 88    | 404   | 1049  | 2061  | 3334  | 4722  | 5864  | 6786  | 7644  | 8058  | 8203  |
| 96/97                                                                                                  | 93.6             | 86.6  | 103.8 | 105.2 | 103.8 | 101.1 | 101.3 | 101.7 | 100.1 | 102.3 | 102.0 | 101.5 |

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 PERCENTAGE OF 9999.9 => 10000

2. REGIONAL POPULATION-WEIGHTED HEATING DEGREE DAYS

THE NATION WAS DIVIDED INTO NINE CENSUS REGIONS AS DEFINED AND USED BY THE BUREAU OF THE CENSUS. THE REGIONS AND STATES THEY COMPRISE ARE LISTED ON THE NEXT PAGE. THE POPULATION WEIGHTS USED TO PRODUCE MONTHLY AND REGIONAL DEGREE DAY TOTALS ARE ALSO SHOWN. THESE WEIGHTS WERE OBTAINED BY DIVIDING EACH STATE'S POPULATION BY THE TOTAL REGIONAL POPULATION.

A PARTICULAR REGIONAL MONTHLY DEGREE DAY VALUE WAS OBTAINED BY MULTIPLYING THE CORRESPONDING STATE DEGREE DAY TOTALS WITHIN A REGION BY THE APPROPRIATE WEIGHT AND ADDING ALL THE PRODUCTS. SEASONAL VALUES ARE OBTAINED BY SUMMING THE MONTHLY TOTALS.

MONTHLY AND SEASONAL DEGREE DAY TOTALS FOR THE NINE CENSUS REGIONS ARE PRESENTED IN THE TABLES

2.2 STATE POPULATION-WEIGHTS (1990 CENSUS) FOR THE CENSUS REGIONS OF THE UNITED STATES

|    |                    |        |    |                    |        |    |                         |        |
|----|--------------------|--------|----|--------------------|--------|----|-------------------------|--------|
| 01 | NEW ENGLAND        |        | 04 | WEST NORTH CENTRAL |        | 07 | WEST SOUTH CENTRAL      |        |
| 01 | CONNECTICUT        | .24890 | 01 | IOWA               | .15720 | 01 | ARKANSAS                | .08810 |
| 02 | MAINE              | .09300 | 02 | KANSAS             | .14030 | 02 | LOUISIANA               | .15800 |
| 03 | MASSACHUSETTS      | .45550 | 03 | MINNESOTA          | .24770 | 03 | OKLAHOMA                | .11780 |
| 04 | NEW HAMPSHIRE      | .08400 | 04 | MISSOURI           | .28980 | 04 | TEXAS                   | .63610 |
| 05 | RHODE ISLAND       | .07600 | 05 | NEBRASKA           | .08940 |    |                         |        |
| 06 | VERMONT            | .04260 | 06 | NORTH DAKOTA       | .03620 | 08 | MOUNTAIN                |        |
|    |                    |        | 07 | SOUTH DAKOTA       | .03940 | 01 | ARIZONA                 | .26830 |
| 02 | MIDDLE ATLANTIC    |        |    |                    |        | 02 | COLORADO                | .24120 |
| 01 | NEW JERSEY         | .20560 | 05 | SOUTH ATLANTIC     |        | 03 | IDAHO                   | .07370 |
| 02 | NEW YORK           | .47840 | 01 | DELAWARE           | .01530 | 04 | MONTANA                 | .05860 |
| 03 | PENNSYLVANIA       | .31600 | 02 | FLORIDA            | .29700 | 05 | NEVADA                  | .08800 |
|    |                    |        | 03 | GEORGIA            | .14870 | 06 | NEW MEXICO              | .11090 |
| 03 | EAST NORTH CENTRAL |        | 04 | MARYLAND AND D.C.  | .12370 | 07 | UTAH                    | .12610 |
| 01 | ILLINOIS           | .27210 | 05 | NORTH CAROLINA     | .15210 | 08 | WYOMING                 | .03320 |
| 02 | INDIANA            | .13200 | 06 | SOUTH CAROLINA     | .08000 |    |                         |        |
| 03 | MICHIGAN           | .22130 | 07 | VIRGINIA           | .14200 | 09 | PACIFIC (AK,HI OMITTED) |        |
| 04 | OHIO               | .25820 | 08 | WEST VIRGINIA      | .04120 | 01 | CALIFORNIA              | .79420 |
| 05 | WISCONSIN          | .11640 |    |                    |        | 02 | OREGON                  | .07590 |
|    |                    |        | 06 | EAST SOUTH CENTRAL |        | 03 | WASHINGTON              | .12990 |
|    |                    |        | 01 | ALABAMA            | .26620 |    |                         |        |
|    |                    |        | 02 | KENTUCKY           | .24280 |    |                         |        |
|    |                    |        | 03 | MISSISSIPPI        | .16960 |    |                         |        |
|    |                    |        | 04 | TENNESSEE          | .32140 |    |                         |        |

| REGIONAL HEATING DEGREE DAYS (STATES WEIGHTED BY 1990 POPULATION), THRU JUN |                   |       |       |       |       |       |       |       |       |       |       | 1997--BASE TEMP = 65 DEG F |  |
|-----------------------------------------------------------------------------|-------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------------------------|--|
| REGION :                                                                    | 1 NEW ENGLAND     |       |       |       |       |       |       |       |       |       |       |                            |  |
| SEASON                                                                      | JUL               | AUG   | SEP   | OCT   | NOV   | DEC   | JAN   | FEB   | MAR   | APR   | MAY   | JUN                        |  |
| 95/96                                                                       | 2                 | 17    | 169   | 335   | 816   | 1207  | 1258  | 1092  | 1011  | 580   | 311   | 42                         |  |
| 95/96                                                                       | 2                 | 19    | 188   | 523   | 1339  | 2546  | 3804  | 4896  | 5907  | 6487  | 6798  | 6840                       |  |
| 95/96                                                                       | 29.9              | 61.3  | 110.1 | 85.8  | 100.7 | 104.4 | 102.8 | 102.3 | 103.5 | 103.2 | 103.6 | 103.3                      |  |
| 96/97                                                                       | 12                | 18    | 121   | 476   | 846   | 912   | 1225  | 919   | 964   | 635   | 363   | 49                         |  |
| 96/97                                                                       | 12                | 30    | 151   | 627   | 1473  | 2385  | 3610  | 4529  | 5493  | 6128  | 6491  | 6540                       |  |
| 96/97                                                                       | 179.1             | 96.8  | 88.5  | 102.9 | 110.8 | 97.8  | 97.5  | 94.6  | 96.3  | 97.5  | 98.9  | 98.8                       |  |
| REGION :                                                                    | 2 MIDDLE ATLANTIC |       |       |       |       |       |       |       |       |       |       |                            |  |
| SEASON                                                                      | JUL               | AUG   | SEP   | OCT   | NOV   | DEC   | JAN   | FEB   | MAR   | APR   | MAY   | JUN                        |  |
| 95/96                                                                       | 1                 | 3     | 100   | 266   | 775   | 1136  | 1186  | 990   | 944   | 492   | 242   | 16                         |  |
| 95/96                                                                       | 1                 | 4     | 104   | 370   | 1145  | 2281  | 3467  | 4457  | 5401  | 5893  | 6135  | 6151                       |  |
| 95/96                                                                       | 24.4              | 25.0  | 99.0  | 78.2  | 102.3 | 107.0 | 105.0 | 103.6 | 105.4 | 105.1 | 105.6 | 105.3                      |  |
| 96/97                                                                       | 7                 | 7     | 73    | 374   | 792   | 863   | 1143  | 824   | 810   | 538   | 300   | 28                         |  |
| 96/97                                                                       | 7                 | 14    | 87    | 461   | 1253  | 2116  | 3259  | 4083  | 4893  | 5431  | 5731  | 5759                       |  |
| 96/97                                                                       | 170.7             | 87.5  | 82.9  | 97.5  | 111.9 | 99.3  | 98.7  | 94.9  | 95.5  | 96.8  | 98.7  | 98.6                       |  |
| REGION :                                                                    | 3 E. N. CENTRAL   |       |       |       |       |       |       |       |       |       |       |                            |  |
| SEASON                                                                      | JUL               | AUG   | SEP   | OCT   | NOV   | DEC   | JAN   | FEB   | MAR   | APR   | MAY   | JUN                        |  |
| 95/96                                                                       | 2                 | 1     | 143   | 361   | 941   | 1238  | 1319  | 1094  | 1057  | 586   | 282   | 38                         |  |
| 95/96                                                                       | 2                 | 3     | 146   | 507   | 1448  | 2686  | 4005  | 5099  | 6156  | 6742  | 7024  | 7062                       |  |
| 95/96                                                                       | 34.5              | 11.8  | 114.5 | 95.8  | 115.0 | 111.8 | 107.7 | 106.0 | 108.4 | 109.4 | 110.1 | 110.0                      |  |
| 96/97                                                                       | 18                | 14    | 112   | 399   | 944   | 1084  | 1362  | 968   | 833   | 599   | 373   | 40                         |  |
| 96/97                                                                       | 18                | 32    | 144   | 543   | 1487  | 2571  | 3933  | 4901  | 5734  | 6333  | 6706  | 6746                       |  |
| 96/97                                                                       | 310.3             | 125.5 | 112.9 | 102.6 | 118.1 | 107.0 | 105.8 | 101.9 | 101.0 | 102.8 | 105.1 | 105.1                      |  |
| REGION :                                                                    | 4 W. N. CENTRAL   |       |       |       |       |       |       |       |       |       |       |                            |  |
| SEASON                                                                      | JUL               | AUG   | SEP   | OCT   | NOV   | DEC   | JAN   | FEB   | MAR   | APR   | MAY   | JUN                        |  |
| 95/96                                                                       | 9                 | 6     | 150   | 404   | 950   | 1233  | 1475  | 1089  | 1060  | 547   | 231   | 36                         |  |
| 95/96                                                                       | 9                 | 15    | 165   | 569   | 1519  | 2752  | 4227  | 5316  | 6376  | 6923  | 7154  | 7190                       |  |
| 95/96                                                                       | 95.7              | 46.3  | 106.5 | 103.2 | 112.6 | 106.0 | 105.8 | 104.2 | 106.9 | 108.1 | 108.5 | 108.4                      |  |
| 96/97                                                                       | 21                | 20    | 139   | 399   | 1020  | 1308  | 1467  | 1039  | 834   | 587   | 299   | 30                         |  |
| 96/97                                                                       | 21                | 41    | 180   | 579   | 1599  | 2907  | 4374  | 5413  | 6247  | 6834  | 7133  | 7163                       |  |
| 96/97                                                                       | 223.4             | 126.5 | 116.2 | 105.1 | 118.5 | 112.0 | 109.5 | 106.1 | 104.7 | 106.7 | 108.2 | 108.0                      |  |
| REGION :                                                                    | 5 SOUTH ATLANTIC  |       |       |       |       |       |       |       |       |       |       |                            |  |
| SEASON                                                                      | JUL               | AUG   | SEP   | OCT   | NOV   | DEC   | JAN   | FEB   | MAR   | APR   | MAY   | JUN                        |  |
| 95/96                                                                       | 0                 | 0     | 21    | 121   | 444   | 658   | 691   | 540   | 500   | 184   | 52    | 2                          |  |
| 95/96                                                                       | 0                 | 0     | 21    | 142   | 586   | 1244  | 1935  | 2475  | 2975  | 3159  | 3211  | 3213                       |  |
| 95/96                                                                       | .0                | .0    | 106.1 | 79.9  | 114.3 | 114.7 | 110.3 | 108.0 | 111.4 | 111.2 | 111.1 | 111.0                      |  |
| 96/97                                                                       | 1                 | 0     | 20    | 159   | 438   | 519   | 620   | 424   | 293   | 236   | 96    | 8                          |  |
| 96/97                                                                       | 1                 | 1     | 21    | 180   | 618   | 1137  | 1757  | 2181  | 2474  | 2710  | 2806  | 2814                       |  |
| 96/97                                                                       | 500.0             | 142.9 | 106.1 | 101.2 | 120.5 | 104.9 | 100.2 | 95.2  | 92.6  | 95.4  | 97.1  | 97.2                       |  |

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 LINE 3 = [ACCUMULATED HEATING DEGREE DAYS (STATES WEIGHTED BY 1990 POPULATION) / ACCUMULATED NORMAL]\*100  
 PERCENTAGE OF 9999.9 => 10000

| REGIONAL HEATING DEGREE DAYS (STATES WEIGHTED BY 1990 POPULATION), THRU JUN |                 |      |       |       |       |       |       |       |       |       |       | 1997--BASE TEMP = 65 DEG F |  |
|-----------------------------------------------------------------------------|-----------------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------------------------|--|
| REGION :                                                                    | 6 E. S. CENTRAL |      |       |       |       |       |       |       |       |       |       |                            |  |
| SEASON                                                                      | JUL             | AUG  | SEP   | OCT   | NOV   | DEC   | JAN   | FEB   | MAR   | APR   | MAY   | JUN                        |  |
| 95/96                                                                       | 0               | 0    | 28    | 193   | 586   | 781   | 833   | 657   | 605   | 267   | 34    | 2                          |  |
| 95/96                                                                       | 0               | 0    | 28    | 221   | 807   | 1588  | 2421  | 3078  | 3683  | 3950  | 3984  | 3986                       |  |
| 95/96                                                                       | .0              | .0   | 109.8 | 96.3  | 122.0 | 115.1 | 108.9 | 106.9 | 110.4 | 112.1 | 111.1 | 111.1                      |  |
| 96/97                                                                       | 0               | 0    | 35    | 195   | 531   | 623   | 802   | 529   | 350   | 313   | 121   | 8                          |  |
| 96/97                                                                       | 0               | 0    | 35    | 230   | 761   | 1384  | 2186  | 2715  | 3065  | 3378  | 3499  | 3507                       |  |
| 96/97                                                                       | .0              | .0   | 137.3 | 100.2 | 115.0 | 100.3 | 98.3  | 94.3  | 91.9  | 95.9  | 97.6  | 97.7                       |  |
| REGION :                                                                    | 7 W. S. CENTRAL |      |       |       |       |       |       |       |       |       |       |                            |  |
| SEASON                                                                      | JUL             | AUG  | SEP   | OCT   | NOV   | DEC   | JAN   | FEB   | MAR   | APR   | MAY   | JUN                        |  |
| 95/96                                                                       | 0               | 0    | 7     | 70    | 294   | 496   | 598   | 375   | 389   | 100   | 2     | 0                          |  |
| 95/96                                                                       | 0               | 0    | 7     | 77    | 371   | 867   | 1465  | 1840  | 2229  | 2329  | 2331  | 2331                       |  |
| 95/96                                                                       | .0              | .0   | 125.0 | 93.1  | 104.7 | 98.8  | 97.8  | 94.6  | 100.4 | 101.4 | 101.1 | 101.1                      |  |
| 96/97                                                                       | 0               | 0    | 10    | 77    | 292   | 442   | 603   | 411   | 214   | 164   | 18    | 0                          |  |
| 96/97                                                                       | 0               | 0    | 10    | 87    | 379   | 821   | 1424  | 1835  | 2049  | 2213  | 2231  | 2231                       |  |
| 96/97                                                                       | .0              | .0   | 178.6 | 105.2 | 106.9 | 93.6  | 95.1  | 94.4  | 92.3  | 96.4  | 96.8  | 96.7                       |  |
| REGION :                                                                    | 8 MOUNTAIN      |      |       |       |       |       |       |       |       |       |       |                            |  |
| SEASON                                                                      | JUL             | AUG  | SEP   | OCT   | NOV   | DEC   | JAN   | FEB   | MAR   | APR   | MAY   | JUN                        |  |
| 95/96                                                                       | 23              | 16   | 121   | 370   | 540   | 837   | 931   | 696   | 657   | 394   | 207   | 59                         |  |
| 95/96                                                                       | 23              | 39   | 160   | 530   | 1070  | 1907  | 2838  | 3534  | 4191  | 4585  | 4792  | 4851                       |  |
| 95/96                                                                       | 175.6           | 99.7 | 92.4  | 100.0 | 89.5  | 88.9  | 90.5  | 90.6  | 91.6  | 91.5  | 91.4  | 91.2                       |  |
| 96/97                                                                       | 10              | 21   | 154   | 365   | 640   | 877   | 956   | 770   | 556   | 500   | 193   | 70                         |  |
| 96/97                                                                       | 10              | 31   | 185   | 550   | 1190  | 2067  | 3023  | 3793  | 4349  | 4849  | 5042  | 5112                       |  |
| 96/97                                                                       | 76.3            | 79.3 | 106.9 | 103.8 | 99.6  | 96.4  | 96.4  | 97.2  | 95.0  | 96.8  | 96.2  | 96.1                       |  |
| REGION :                                                                    | 9 PACIFIC       |      |       |       |       |       |       |       |       |       |       |                            |  |
| SEASON                                                                      | JUL             | AUG  | SEP   | OCT   | NOV   | DEC   | JAN   | FEB   | MAR   | APR   | MAY   | JUN                        |  |
| 95/96                                                                       | 11              | 25   | 34    | 150   | 261   | 477   | 515   | 398   | 369   | 222   | 156   | 62                         |  |
| 95/96                                                                       | 11              | 36   | 70    | 220   | 481   | 958   | 1473  | 1871  | 2240  | 2462  | 2618  | 2680                       |  |
| 95/96                                                                       | 49.3            | 84.3 | 67.2  | 79.0  | 72.5  | 78.1  | 81.8  | 83.6  | 83.9  | 82.5  | 82.7  | 82.6                       |  |
| 96/97                                                                       | 8               | 13   | 69    | 192   | 356   | 500   | 525   | 424   | 321   | 262   | 72    | 65                         |  |
| 96/97                                                                       | 8               | 21   | 90    | 282   | 638   | 1138  | 1663  | 2087  | 2408  | 2670  | 2742  | 2807                       |  |
| 96/97                                                                       | 35.9            | 49.2 | 86.4  | 101.2 | 96.2  | 92.7  | 92.3  | 93.2  | 90.1  | 89.5  | 86.6  | 86.5                       |  |

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### 3. NATIONAL POPULATION-WEIGHTED HEATING DEGREE DAYS

THE NATIONAL DEGREE DAY TOTALS WERE DERIVED BY POPULATION WEIGHTING THE DEGREE DAY VALUES FOR THE NINE CENSUS REGIONS. THE WEIGHTS USED TO DERIVE THE NATIONAL MONTHLY DEGREE DAY VALUES ARE GIVEN BELOW:

#### 3.2 REGIONAL POPULATION WEIGHTS OF THE CONTERMINOUS UNITED STATES

|    |                    |        |
|----|--------------------|--------|
| 01 | NEW ENGLAND        | .05350 |
| 02 | MIDDLE ATLANTIC    | .15220 |
| 03 | EAST NORTH CENTRAL | .17000 |
| 04 | WEST NORTH CENTRAL | .07150 |
| 05 | SOUTH ATLANTIC     | .17630 |
| 06 | EAST SOUTH CENTRAL | .06140 |
| 07 | WEST SOUTH CENTRAL | .10810 |
| 08 | MOUNTAIN           | .05530 |
| 09 | PACIFIC            | .15170 |

MONTHLY AND SEASONAL DEGREE TOTALS FOR THE CONTERMINOUS UNITED STATES ARE SHOWN IN THE FOLLOWING TABLE.



| NATIONAL HEATING DEGREE DAYS (REGIONS WEIGHTED BY 1990 POPULATION), THRU JUN |             |      |       |       |       |       |       |       |       | 1997--BASE TEMP = 65 DEG F |       |       |
|------------------------------------------------------------------------------|-------------|------|-------|-------|-------|-------|-------|-------|-------|----------------------------|-------|-------|
| REGION :                                                                     | 11 NATIONAL |      |       |       |       |       |       |       |       |                            |       |       |
| SEASON                                                                       | JUL         | AUG  | SEP   | OCT   | NOV   | DEC   | JAN   | FEB   | MAR   | APR                        | MAY   | JUN   |
| 95/96                                                                        | 4           | 7    | 77    | 233   | 605   | 872   | 945   | 748   | 713   | 360                        | 165   | 27    |
| 95/96                                                                        | 4           | 11   | 88    | 321   | 926   | 1798  | 2743  | 3491  | 4204  | 4564                       | 4729  | 4756  |
| 95/96                                                                        | 58.8        | 56.1 | 99.0  | 89.2  | 104.3 | 104.3 | 102.6 | 101.5 | 103.8 | 104.0                      | 104.2 | 103.9 |
| 96/97                                                                        | 8           | 9    | 72    | 276   | 630   | 760   | 932   | 672   | 552   | 406                        | 198   | 31    |
| 96/97                                                                        | 8           | 17   | 89    | 365   | 995   | 1755  | 2687  | 3359  | 3911  | 4317                       | 4515  | 4546  |
| 96/97                                                                        | 117.6       | 86.7 | 100.1 | 101.4 | 112.0 | 101.8 | 100.6 | 97.6  | 96.5  | 98.3                       | 99.4  | 99.4  |

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 LINE 3 = [ACCUMULATED HEATING DEGREE DAYS (REGIONS WEIGHTED BY 1990 POPULATION) / ACCUMULATED NORMAL]\*100  
 PERCENTAGE OF 9999.9 => 10000

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| AREA            | -- 1996 |              |                |                    |                |                   |                 |                 |      |      |      |      |
|-----------------|---------|--------------|----------------|--------------------|----------------|-------------------|-----------------|-----------------|------|------|------|------|
|                 | JAN     | STATE<br>FEB | AVERAGE<br>MAR | TEMPERATURE<br>APR | (DEG F)<br>MAY | (DIVISIONS<br>JUN | WEIGHTED<br>JUL | BY AREA)<br>AUG | SEP  | OCT  | NOV  | DEC  |
| ALABAMA         | 43.1    | 46.7         | 50.5           | 59.8               | 72.8           | 76.6              | 79.6            | 78.0            | 72.2 | 62.7 | 52.7 | 48.8 |
| ARIZONA         | 45.1    | 51.2         | 55.3           | 60.9               | 70.1           | 78.6              | 83.3            | 81.1            | 71.2 | 61.7 | 52.9 | 48.8 |
| ARKANSAS        | 38.4    | 44.4         | 48.7           | 55.8               | 72.2           | 76.7              | 79.9            | 78.1            | 70.2 | 61.1 | 51.4 | 44.7 |
| CALIFORNIA      | 47.5    | 51.7         | 54.3           | 61.7               | 71.5           | 78.4              | 82.3            | 77.2            | 66.6 | 61.1 | 51.1 | 44.7 |
| COLORADO        | 23.8    | 30.3         | 33.3           | 44.3               | 56.0           | 63.8              | 68.8            | 66.6            | 56.2 | 46.6 | 33.3 | 22.8 |
| CONNECTICUT     | 24.7    | 30.7         | 33.3           | 44.3               | 56.0           | 63.8              | 68.8            | 66.6            | 56.2 | 46.6 | 33.3 | 22.8 |
| DELAWARE        | 33.7    | 38.7         | 44.4           | 51.8               | 61.1           | 67.3              | 73.4            | 70.9            | 60.6 | 51.7 | 44.7 | 33.3 |
| FLORIDA         | 53.7    | 58.8         | 61.1           | 68.8               | 77.7           | 79.9              | 82.2            | 80.0            | 70.8 | 61.1 | 51.1 | 44.7 |
| GEORGIA         | 44.7    | 50.8         | 56.6           | 64.4               | 73.3           | 76.6              | 80.0            | 77.7            | 63.3 | 53.3 | 44.7 | 33.3 |
| IDAHO           | 22.5    | 28.7         | 33.3           | 44.4               | 59.9           | 60.4              | 68.0            | 65.5            | 54.4 | 44.4 | 33.3 | 22.8 |
| ILLINOIS        | 24.3    | 30.9         | 33.3           | 44.4               | 56.0           | 61.1              | 71.1            | 72.2            | 64.4 | 51.1 | 44.4 | 33.3 |
| INDIANA         | 25.3    | 30.9         | 33.3           | 44.4               | 56.0           | 61.1              | 71.1            | 71.1            | 64.4 | 51.1 | 44.4 | 33.3 |
| IOWA            | 16.0    | 23.3         | 33.3           | 44.4               | 56.0           | 69.9              | 70.9            | 70.6            | 61.1 | 51.1 | 44.4 | 33.3 |
| KANSAS          | 27.7    | 33.3         | 33.3           | 44.4               | 56.0           | 74.7              | 77.7            | 74.7            | 61.1 | 51.1 | 44.4 | 33.3 |
| KENTUCKY        | 32.7    | 38.8         | 44.4           | 51.8               | 61.1           | 72.7              | 74.7            | 74.7            | 61.1 | 51.1 | 44.4 | 33.3 |
| LOUISIANA       | 48.2    | 51.6         | 54.4           | 61.1               | 74.9           | 79.9              | 82.2            | 80.0            | 70.8 | 61.1 | 51.1 | 44.7 |
| MAINE           | 13.8    | 16.2         | 22.2           | 33.3               | 44.4           | 61.1              | 64.4            | 64.4            | 56.6 | 44.4 | 33.3 | 22.8 |
| MARYLAND & D.C. | 30.0    | 34.6         | 39.9           | 45.5               | 56.6           | 72.2              | 73.3            | 72.2            | 61.1 | 51.1 | 44.4 | 33.3 |
| MASSACHUSETTS   | 25.0    | 30.6         | 33.3           | 44.4               | 56.0           | 66.6              | 69.9            | 66.6            | 56.6 | 44.4 | 33.3 | 22.8 |
| MICHIGAN        | 17.7    | 19.0         | 23.3           | 33.3               | 44.4           | 55.5              | 66.6            | 66.6            | 56.6 | 44.4 | 33.3 | 22.8 |
| MINNESOTA       | 11.1    | 19.9         | 23.3           | 33.3               | 44.4           | 55.5              | 66.6            | 66.6            | 56.6 | 44.4 | 33.3 | 22.8 |
| MISSISSIPPI     | 44.4    | 47.7         | 51.1           | 59.9               | 74.4           | 77.7              | 80.0            | 78.8            | 68.8 | 56.6 | 44.4 | 33.3 |
| MISSOURI        | 27.7    | 33.4         | 33.3           | 44.4               | 56.0           | 72.2              | 75.5            | 75.5            | 66.6 | 56.6 | 44.4 | 33.3 |
| MONTANA         | 12.2    | 22.2         | 33.3           | 44.4               | 56.0           | 62.2              | 67.4            | 67.4            | 55.5 | 44.4 | 33.3 | 22.8 |
| NEBRASKA        | 18.8    | 24.2         | 33.3           | 44.4               | 56.0           | 70.0              | 72.2            | 71.1            | 61.1 | 51.1 | 44.4 | 33.3 |
| NEVADA          | 34.7    | 37.7         | 44.4           | 51.8               | 67.7           | 67.7              | 75.5            | 72.2            | 61.1 | 51.1 | 44.4 | 33.3 |
| NEW HAMPSHIRE   | 11.1    | 20.0         | 33.3           | 44.4               | 56.0           | 64.4              | 67.7            | 66.6            | 56.6 | 44.4 | 33.3 | 22.8 |
| NEW JERSEY      | 29.9    | 33.3         | 33.3           | 44.4               | 56.0           | 70.0              | 72.2            | 72.2            | 61.1 | 51.1 | 44.4 | 33.3 |
| NEW MEXICO      | 36.6    | 43.3         | 44.4           | 51.8               | 67.7           | 72.2              | 74.7            | 72.2            | 61.1 | 51.1 | 44.4 | 33.3 |
| NEW YORK        | 19.5    | 23.3         | 33.3           | 44.4               | 56.0           | 66.6              | 67.7            | 68.8            | 60.0 | 51.1 | 44.4 | 33.3 |
| NORTH CAROLINA  | 38.7    | 42.2         | 44.4           | 51.8               | 67.7           | 74.4              | 77.7            | 74.4            | 61.1 | 51.1 | 44.4 | 33.3 |
| NORTH DAKOTA    | 11.1    | 14.4         | 21.1           | 33.3               | 44.4           | 66.6              | 67.7            | 69.9            | 61.1 | 51.1 | 44.4 | 33.3 |
| OHIO            | 22.5    | 28.8         | 33.3           | 44.4               | 56.0           | 65.5              | 70.0            | 69.9            | 61.1 | 51.1 | 44.4 | 33.3 |
| OKLAHOMA        | 33.6    | 44.4         | 44.4           | 51.8               | 67.7           | 77.7              | 80.0            | 77.7            | 66.6 | 56.6 | 44.4 | 33.3 |
| OREGON          | 34.4    | 43.3         | 44.4           | 51.8               | 67.7           | 75.5              | 80.0            | 77.7            | 66.6 | 56.6 | 44.4 | 33.3 |
| PENNSYLVANIA    | 24.2    | 33.3         | 33.3           | 44.4               | 56.0           | 66.6              | 69.9            | 69.9            | 60.0 | 51.1 | 44.4 | 33.3 |
| RHODE ISLAND    | 28.2    | 33.3         | 33.3           | 44.4               | 56.0           | 66.6              | 69.9            | 69.9            | 60.0 | 51.1 | 44.4 | 33.3 |
| SOUTH CAROLINA  | 43.3    | 47.7         | 51.1           | 59.9               | 72.2           | 76.6              | 80.0            | 77.7            | 66.6 | 56.6 | 44.4 | 33.3 |
| SOUTH DAKOTA    | 10.0    | 23.3         | 33.3           | 44.4               | 56.0           | 67.7              | 75.5            | 71.1            | 61.1 | 51.1 | 44.4 | 33.3 |
| TENNESSEE       | 33.5    | 42.2         | 44.4           | 51.8               | 67.7           | 75.5              | 80.0            | 75.5            | 66.6 | 56.6 | 44.4 | 33.3 |
| TEXAS           | 45.5    | 50.8         | 54.4           | 61.1               | 73.3           | 81.1              | 85.5            | 80.0            | 74.4 | 61.1 | 51.1 | 44.7 |
| UTAH            | 30.0    | 34.4         | 42.2           | 51.8               | 63.3           | 68.8              | 74.4            | 72.2            | 60.0 | 51.1 | 44.4 | 33.3 |
| VERMONT         | 15.4    | 21.1         | 33.3           | 44.4               | 56.0           | 63.3              | 68.8            | 66.6            | 56.6 | 44.4 | 33.3 | 22.8 |
| VIRGINIA        | 33.0    | 33.3         | 40.0           | 51.8               | 61.1           | 72.2              | 73.3            | 72.2            | 61.1 | 51.1 | 44.4 | 33.3 |
| WASHINGTON      | 30.0    | 33.3         | 44.4           | 56.0               | 61.1           | 66.6              | 70.0            | 66.6            | 56.6 | 44.4 | 33.3 | 22.8 |
| WEST VIRGINIA   | 29.3    | 33.3         | 33.3           | 44.4               | 56.0           | 66.6              | 69.9            | 66.6            | 56.6 | 44.4 | 33.3 | 22.8 |
| WISCONSIN       | 10.4    | 15.5         | 23.3           | 33.3               | 44.4           | 64.4              | 66.6            | 67.7            | 59.9 | 44.4 | 33.3 | 22.8 |
| WYOMING         | 17.9    | 24.2         | 33.3           | 44.4               | 56.0           | 61.1              | 67.0            | 65.7            | 53.6 | 43.1 | 30.0 | 22.2 |

NOTE : DASHES INDICATE DATA NOT AVAILABLE OR MISSING.

| AREA            | REGIONAL & NATIONAL AVERAGE TEMPERATURE (DEG F) (WEIGHTED BY AREA) |      |      |      |      |      |      |      |      |                |      |      |
|-----------------|--------------------------------------------------------------------|------|------|------|------|------|------|------|------|----------------|------|------|
|                 | JAN                                                                | FEB  | MAR  | APR  | MAY  | JUN  | JUL  | AUG  | SEP  | -- 1996<br>OCT | NOV  | DEC  |
| NEW ENGLAND     | 16.8                                                               | 19.4 | 27.4 | 41.4 | 51.3 | 63.5 | 66.4 | 66.4 | 58.6 | 45.4           | 32.6 | 30.4 |
| MIDDLE ATLANTIC | 22.4                                                               | 25.2 | 30.6 | 45.3 | 55.2 | 67.6 | 68.4 | 69.1 | 62.2 | 50.3           | 34.9 | 33.9 |
| E. N. CENTRAL   | 19.9                                                               | 24.0 | 29.4 | 44.0 | 56.5 | 68.0 | 69.0 | 70.6 | 62.1 | 51.4           | 32.4 | 27.9 |
| W. N. CENTRAL   | 14.5                                                               | 24.8 | 28.2 | 45.0 | 57.2 | 69.5 | 71.3 | 71.6 | 61.0 | 50.4           | 27.9 | 19.1 |
| SOUTH ATLANTIC  | 42.2                                                               | 45.5 | 48.4 | 59.6 | 69.8 | 75.4 | 77.9 | 76.2 | 71.8 | 62.2           | 50.3 | 47.8 |
| E. S. CENTRAL   | 39.4                                                               | 42.8 | 46.6 | 57.3 | 71.0 | 75.3 | 77.7 | 76.8 | 70.2 | 60.9           | 48.6 | 45.9 |
| W. S. CENTRAL   | 43.6                                                               | 50.2 | 51.1 | 62.8 | 76.8 | 80.0 | 82.8 | 79.9 | 73.2 | 64.9           | 53.6 | 48.2 |
| MOUNTAIN        | 28.0                                                               | 34.2 | 38.0 | 48.5 | 57.1 | 67.1 | 72.4 | 70.5 | 59.5 | 49.3           | 37.3 | 29.8 |
| PACIFIC         | 40.3                                                               | 42.8 | 47.9 | 53.6 | 57.7 | 65.5 | 73.6 | 71.9 | 63.1 | 54.8           | 46.1 | 40.3 |
| NATIONAL        | 30.2                                                               | 35.9 | 39.5 | 51.4 | 61.8 | 70.5 | 74.1 | 73.0 | 64.2 | 54.4           | 40.3 | 34.4 |

NOTE : DASHES INDICATE DATA NOT AVAILABLE OR MISSING.

| AREA            | JAN  | STATE<br>FEB | AVERAGE<br>MAR | TEMPERATURE<br>APR | (DEG F)<br>MAY | (DIVISIONS<br>JUN | WEIGHTED<br>JUL | BY AREA)<br>AUG | -- 1997<br>SEP | OCT | NOV | DEC |
|-----------------|------|--------------|----------------|--------------------|----------------|-------------------|-----------------|-----------------|----------------|-----|-----|-----|
| ALABAMA         | 45.5 | 50.2         | 60.9           | 58.7               | 67.1           | 74.0              | -               | -               | -              | -   | -   | -   |
| ARIZONA         | 43.1 | 45.8         | 55.7           | 55.4               | 71.7           | 74.6              | -               | -               | -              | -   | -   | -   |
| ARKANSAS        | 38.8 | 46.5         | 55.5           | 55.5               | 66.2           | 74.7              | -               | -               | -              | -   | -   | -   |
| CALIFORNIA      | 46.7 | 49.2         | 55.5           | 55.4               | 66.2           | 70.3              | -               | -               | -              | -   | -   | -   |
| COLORADO        | 23.9 | 26.8         | 33.3           | 33.2               | 44.1           | 62.8              | -               | -               | -              | -   | -   | -   |
| CONNECTICUT     | 26.9 | 34.8         | 43.6           | 43.1               | 53.3           | 62.8              | -               | -               | -              | -   | -   | -   |
| DELAWARE        | 26.4 | 34.2         | 43.3           | 43.1               | 54.3           | 66.2              | -               | -               | -              | -   | -   | -   |
| FLORIDA         | 59.6 | 64.4         | 70.7           | 68.6               | 74.9           | 78.9              | -               | -               | -              | -   | -   | -   |
| GEORGIA         | 48.6 | 51.4         | 60.4           | 60.1               | 71.1           | 73.6              | -               | -               | -              | -   | -   | -   |
| IDAHO           | 25.6 | 28.2         | 33.7           | 41.6               | 55.4           | 60.6              | -               | -               | -              | -   | -   | -   |
| ILLINOIS        | 21.5 | 33.3         | 43.3           | 43.7               | 55.7           | 70.7              | -               | -               | -              | -   | -   | -   |
| INDIANA         | 23.1 | 33.4         | 42.0           | 46.9               | 55.3           | 69.3              | -               | -               | -              | -   | -   | -   |
| IOWA            | 14.8 | 23.1         | 33.7           | 44.6               | 55.4           | 70.9              | -               | -               | -              | -   | -   | -   |
| KANSAS          | 28.4 | 34.6         | 44.3           | 48.6               | 55.7           | 72.5              | -               | -               | -              | -   | -   | -   |
| KENTUCKY        | 22.5 | 44.3         | 44.7           | 55.4               | 59.5           | 70.4              | -               | -               | -              | -   | -   | -   |
| LOUISIANA       | 48.8 | 53.3         | 63.3           | 62.0               | 72.5           | 78.7              | -               | -               | -              | -   | -   | -   |
| MAINE           | 13.3 | 17.2         | 22.3           | 33.6               | 43.4           | 61.1              | -               | -               | -              | -   | -   | -   |
| MARYLAND & D.C. | 33.9 | 40.7         | 45.6           | 55.4               | 55.8           | 69.8              | -               | -               | -              | -   | -   | -   |
| MASSACHUSETTS   | 26.6 | 33.7         | 44.9           | 44.3               | 53.9           | 65.7              | -               | -               | -              | -   | -   | -   |
| MICHIGAN        | 18.0 | 23.3         | 33.8           | 44.3               | 55.6           | 65.6              | -               | -               | -              | -   | -   | -   |
| MINNESOTA       | 45.0 | 55.4         | 64.4           | 63.3               | 75.0           | 75.6              | -               | -               | -              | -   | -   | -   |
| MISSISSIPPI     | 44.7 | 50.5         | 60.2           | 60.2               | 68.8           | 75.6              | -               | -               | -              | -   | -   | -   |
| MISSOURI        | 26.1 | 33.7         | 44.0           | 44.8               | 55.8           | 71.5              | -               | -               | -              | -   | -   | -   |
| MONTANA         | 11.1 | 22.7         | 33.3           | 33.8               | 43.1           | 62.2              | -               | -               | -              | -   | -   | -   |
| NEBRASKA        | 20.9 | 25.9         | 33.6           | 42.8               | 55.7           | 70.6              | -               | -               | -              | -   | -   | -   |
| NEVADA          | 32.0 | 33.4         | 44.4           | 46.4               | 60.8           | 64.8              | -               | -               | -              | -   | -   | -   |
| NEW HAMPSHIRE   | 18.3 | 25.5         | 33.7           | 44.4               | 55.7           | 63.3              | -               | -               | -              | -   | -   | -   |
| NEW JERSEY      | 31.1 | 33.6         | 44.4           | 49.1               | 57.8           | 68.4              | -               | -               | -              | -   | -   | -   |
| NEW MEXICO      | 33.2 | 37.7         | 48.1           | 49.4               | 62.2           | 69.0              | -               | -               | -              | -   | -   | -   |
| NEW YORK        | 20.6 | 27.9         | 41.1           | 44.4               | 55.2           | 65.0              | -               | -               | -              | -   | -   | -   |
| NORTH CAROLINA  | 40.7 | 46.3         | 55.8           | 55.0               | 68.8           | 70.8              | -               | -               | -              | -   | -   | -   |
| NORTH DAKOTA    | 11.7 | 16.6         | 22.3           | 33.6               | 44.4           | 67.5              | -               | -               | -              | -   | -   | -   |
| OHIO            | 25.6 | 34.3         | 44.1           | 44.6               | 55.6           | 68.2              | -               | -               | -              | -   | -   | -   |
| OKLAHOMA        | 37.1 | 43.1         | 53.0           | 54.9               | 66.1           | 74.8              | -               | -               | -              | -   | -   | -   |
| OREGON          | 34.0 | 37.7         | 45.1           | 45.7               | 55.1           | 65.9              | -               | -               | -              | -   | -   | -   |
| PENNSYLVANIA    | 25.5 | 33.1         | 43.8           | 44.9               | 55.3           | 66.6              | -               | -               | -              | -   | -   | -   |
| RHODE ISLAND    | 29.0 | 36.0         | 43.7           | 44.3               | 55.4           | 66.2              | -               | -               | -              | -   | -   | -   |
| SOUTH CAROLINA  | 45.7 | 50.2         | 60.4           | 60.2               | 73.3           | 73.0              | -               | -               | -              | -   | -   | -   |
| SOUTH DAKOTA    | 10.6 | 23.0         | 33.1           | 33.9               | 43.5           | 68.3              | -               | -               | -              | -   | -   | -   |
| TENNESSEE       | 36.9 | 44.6         | 55.9           | 55.2               | 61.7           | 71.8              | -               | -               | -              | -   | -   | -   |
| TEXAS           | 44.6 | 48.7         | 55.2           | 55.9               | 70.7           | 77.8              | -               | -               | -              | -   | -   | -   |
| UTAH            | 27.6 | 30.0         | 44.5           | 44.9               | 59.4           | 66.7              | -               | -               | -              | -   | -   | -   |
| VERMONT         | 16.2 | 25.5         | 33.5           | 44.5               | 55.4           | 63.3              | -               | -               | -              | -   | -   | -   |
| VIRGINIA        | 34.9 | 41.2         | 47.6           | 55.6               | 68.8           | 77.7              | -               | -               | -              | -   | -   | -   |
| WASHINGTON      | 31.8 | 35.7         | 41.2           | 46.2               | 57.1           | 69.6              | -               | -               | -              | -   | -   | -   |
| WEST VIRGINIA   | 30.2 | 37.5         | 43.7           | 46.2               | 54.6           | 66.6              | -               | -               | -              | -   | -   | -   |
| WISCONSIN       | 11.9 | 20.9         | 29.2           | 41.4               | 49.7           | 66.4              | -               | -               | -              | -   | -   | -   |
| WYOMING         | 18.6 | 22.5         | 33.7           | 35.6               | 50.9           | 61.3              | -               | -               | -              | -   | -   | -   |

NOTE : DASHES INDICATE DATA NOT AVAILABLE OR MISSING.

| AREA            | REGIONAL & NATIONAL AVERAGE TEMPERATURE (DEG F) (WEIGHTED BY AREA) |      |      |      |      |      | -- 1997 |     |     |     |     |     |
|-----------------|--------------------------------------------------------------------|------|------|------|------|------|---------|-----|-----|-----|-----|-----|
|                 | JAN                                                                | FEB  | MAR  | APR  | MAY  | JUN  | JUL     | AUG | SEP | OCT | NOV | DEC |
| NEW ENGLAND     | 17.4                                                               | 22.7 | 26.3 | 39.3 | 49.2 | 62.9 | -       | -   | -   | -   | -   | -   |
| MIDDLE ATLANTIC | 23.6                                                               | 31.0 | 34.7 | 43.6 | 52.3 | 66.2 | -       | -   | -   | -   | -   | -   |
| E. N. CENTRAL   | 19.3                                                               | 28.6 | 36.2 | 44.2 | 52.8 | 67.9 | -       | -   | -   | -   | -   | -   |
| W. N. CENTRAL   | 15.4                                                               | 25.8 | 35.4 | 43.0 | 52.2 | 69.7 | -       | -   | -   | -   | -   | -   |
| SOUTH ATLANTIC  | 44.7                                                               | 50.0 | 57.9 | 57.8 | 65.2 | 72.6 | -       | -   | -   | -   | -   | -   |
| E. S. CENTRAL   | 40.4                                                               | 47.2 | 56.1 | 55.6 | 64.6 | 73.0 | -       | -   | -   | -   | -   | -   |
| W. S. CENTRAL   | 43.2                                                               | 48.0 | 58.2 | 58.8 | 69.6 | 77.0 | -       | -   | -   | -   | -   | -   |
| MOUNTAIN        | 27.2                                                               | 32.1 | 41.8 | 44.2 | 58.3 | 65.4 | -       | -   | -   | -   | -   | -   |
| PACIFIC         | 39.8                                                               | 42.7 | 49.1 | 51.9 | 63.3 | 64.7 | -       | -   | -   | -   | -   | -   |
| NATIONAL        | 30.3                                                               | 36.5 | 45.2 | 48.7 | 60.1 | 69.1 | -       | -   | -   | -   | -   | -   |

NOTE : DASHES INDICATE DATA NOT AVAILABLE OR MISSING.

| AREA            | -- 1996 |              |                |                            |                   |                 |                 |      |      |      |      |      |
|-----------------|---------|--------------|----------------|----------------------------|-------------------|-----------------|-----------------|------|------|------|------|------|
|                 | JAN     | STATE<br>FEB | AVERAGE<br>MAR | PRECIPITATION (IN.)<br>APR | (DIVISIONS<br>MAY | WEIGHTED<br>JUN | BY AREA)<br>JUL | SEP  | OCT  | NOV  | DEC  |      |
| ALABAMA         | 7.54    | 4.16         | 8.52           | 4.89                       | 2.63              | 3.53            | 6.91            | 4.93 | 5.90 | 2.25 | 3.46 | 4.80 |
| ARIZONA         | .16     | 1.16         | 3.38           | 4.07                       | 1.00              | 1.31            | 1.88            | 1.51 | 2.00 | 3.48 | 3.99 | 3.14 |
| ARKANSAS        | 2.89    | 1.66         | 3.61           | 4.51                       | 3.60              | 4.34            | 5.39            | 2.97 | 5.88 | 3.29 | 3.57 | 4.44 |
| CALIFORNIA      | 4.95    | 5.96         | 2.44           | 1.96                       | 1.36              | 1.16            | 1.16            | 2.06 | 2.24 | 3.38 | 2.99 | 3.57 |
| COLORADO        | 1.30    | 2.85         | 1.97           | 1.01                       | 1.91              | 1.61            | 2.18            | 1.73 | 2.11 | 1.11 | 1.11 | 1.11 |
| CONNECTICUT     | 7.05    | 2.85         | 3.17           | 1.40                       | 1.38              | 1.99            | 2.72            | 2.21 | 2.44 | 1.41 | 1.11 | 1.11 |
| DELAWARE        | 5.14    | 2.67         | 3.76           | 4.40                       | 6.35              | 5.21            | 6.00            | 4.44 | 5.82 | 4.41 | 4.41 | 4.41 |
| FLORIDA         | 3.57    | 2.11         | 7.57           | 3.33                       | 2.00              | 3.31            | 7.77            | 7.36 | 5.01 | 2.23 | 1.11 | 3.33 |
| GEORGIA         | 5.66    | 3.24         | 7.47           | 2.42                       | 4.65              | 3.44            | 3.21            | 5.00 | 4.40 | 3.33 | 3.33 | 3.33 |
| IDAHO           | 2.72    | 2.39         | 1.49           | 2.45                       | 1.44              | 3.33            | 4.44            | 5.55 | 4.44 | 3.33 | 3.33 | 3.33 |
| ILLINOIS        | 3.39    | 1.88         | 2.09           | 1.99                       | 7.77              | 4.44            | 4.44            | 2.00 | 2.00 | 4.44 | 4.44 | 4.44 |
| INDIANA         | 3.24    | 1.29         | 2.76           | 6.66                       | 7.77              | 5.55            | 5.55            | 1.11 | 5.55 | 2.22 | 2.22 | 3.33 |
| IOWA            | 1.94    | 1.27         | 1.41           | 1.65                       | 7.51              | 4.44            | 4.44            | 3.33 | 7.77 | 2.22 | 2.22 | 3.33 |
| KANSAS          | 4.88    | 1.13         | 1.22           | 1.99                       | 4.44              | 3.33            | 4.44            | 5.55 | 4.44 | 2.22 | 2.22 | 3.33 |
| KENTUCKY        | 4.88    | 2.33         | 5.55           | 5.55                       | 6.66              | 5.55            | 5.55            | 5.55 | 6.66 | 5.55 | 5.55 | 4.44 |
| LOUISIANA       | 3.90    | 1.73         | 3.23           | 4.44                       | 2.44              | 6.66            | 2.77            | 3.33 | 5.55 | 2.22 | 3.33 | 5.55 |
| MAINE           | 4.79    | 3.61         | 2.00           | 5.55                       | 8.88              | 1.55            | 5.55            | 1.11 | 5.55 | 4.44 | 3.33 | 5.55 |
| MARYLAND & D.C. | 5.65    | 2.64         | 3.97           | 3.33                       | 5.55              | 7.77            | 8.88            | 6.66 | 6.66 | 4.44 | 3.33 | 6.66 |
| MASSACHUSETTS   | 7.19    | 1.55         | 2.20           | 3.33                       | 1.11              | 1.77            | 2.22            | 3.33 | 3.33 | 3.33 | 3.33 | 3.33 |
| MICHIGAN        | 2.33    | 1.71         | 1.45           | 3.33                       | 2.22              | 1.76            | 4.44            | 3.33 | 2.22 | 2.22 | 3.33 | 2.22 |
| MINNESOTA       | 1.76    | 2.61         | 1.01           | 5.55                       | 3.33              | 3.33            | 4.44            | 3.33 | 4.44 | 3.33 | 3.33 | 1.11 |
| MISSISSIPPI     | 6.17    | 2.75         | 1.96           | 5.55                       | 4.44              | 1.11            | 4.44            | 3.33 | 4.44 | 4.44 | 4.44 | 5.55 |
| MISSOURI        | 2.59    | 1.56         | 2.79           | 4.44                       | 5.55              | 4.44            | 4.44            | 2.22 | 5.55 | 1.11 | 1.11 | 2.22 |
| MONTANA         | 1.15    | 1.71         | 1.03           | 1.20                       | 3.33              | 1.11            | 1.77            | 3.33 | 1.11 | 1.11 | 1.11 | 1.11 |
| NEBRASKA        | 8.00    | 1.03         | 1.66           | 1.47                       | 1.99              | 2.22            | 3.33            | 1.11 | 3.33 | 2.22 | 2.22 | 2.22 |
| NEVADA          | 1.58    | 1.30         | 1.97           | 1.48                       | 1.51              | 2.22            | 3.33            | 1.14 | 3.33 | 1.11 | 1.11 | 1.11 |
| NEW HAMPSHIRE   | 4.75    | 1.14         | 2.18           | 6.66                       | 2.22              | 3.33            | 7.77            | 2.22 | 6.66 | 6.66 | 4.44 | 7.77 |
| NEW JERSEY      | 5.77    | 2.33         | 4.33           | 4.33                       | 3.33              | 5.55            | 5.55            | 3.33 | 5.55 | 2.22 | 2.22 | 7.77 |
| NEW MEXICO      | 1.35    | 4.33         | 1.16           | 1.11                       | 1.11              | 2.22            | 5.55            | 3.33 | 1.14 | 4.44 | 1.11 | 1.11 |
| NEW YORK        | 4.49    | 1.94         | 2.07           | 5.55                       | 4.44              | 8.88            | 4.44            | 5.55 | 5.55 | 4.44 | 4.44 | 4.44 |
| NORTH CAROLINA  | 5.23    | 2.83         | 4.66           | 3.33                       | 3.33              | 3.33            | 4.44            | 3.33 | 4.44 | 3.33 | 3.33 | 3.33 |
| NORTH DAKOTA    | 3.88    | 1.48         | 1.00           | 5.55                       | 3.33              | 3.33            | 4.44            | 1.11 | 5.55 | 3.33 | 3.33 | 3.33 |
| OHIO            | 3.81    | 2.20         | 3.15           | 4.44                       | 6.66              | 4.44            | 4.44            | 1.11 | 5.55 | 3.33 | 3.33 | 3.33 |
| OKLAHOMA        | 5.90    | 1.18         | 1.90           | 2.22                       | 2.22              | 4.33            | 5.55            | 5.55 | 2.22 | 1.11 | 1.11 | 1.11 |
| OREGON          | 5.60    | 5.19         | 5.47           | 3.33                       | 1.10              | 3.33            | 5.55            | 6.66 | 8.88 | 5.55 | 4.44 | 5.55 |
| PENNSYLVANIA    | 5.83    | 2.44         | 3.55           | 4.44                       | 4.44              | 3.33            | 5.55            | 5.55 | 7.77 | 3.33 | 2.22 | 4.44 |
| RHODE ISLAND    | 6.11    | 3.41         | 3.06           | 6.66                       | 3.33              | 2.22            | 5.55            | 7.77 | 6.66 | 2.22 | 4.44 | 5.55 |
| SOUTH CAROLINA  | 3.69    | 2.20         | 5.65           | 3.33                       | 5.55              | 6.66            | 5.55            | 5.55 | 3.33 | 3.33 | 3.33 | 3.33 |
| SOUTH DAKOTA    | 1.86    | 2.31         | 1.80           | 3.33                       | 5.55              | 5.55            | 2.22            | 4.44 | 2.22 | 2.22 | 1.11 | 1.11 |
| TENNESSEE       | 5.67    | 2.93         | 5.88           | 4.44                       | 5.55              | 5.55            | 7.77            | 8.88 | 4.44 | 2.22 | 1.11 | 1.11 |
| TEXAS           | 1.50    | 1.26         | 1.80           | 1.50                       | 1.34              | 2.22            | 5.55            | 2.00 | 6.66 | 1.11 | 1.11 | 1.11 |
| UTAH            | 4.31    | 2.20         | 1.11           | 1.11                       | 2.22              | 3.33            | 7.77            | 2.22 | 5.55 | 1.11 | 1.11 | 1.11 |
| VERMONT         | 4.53    | 2.35         | 1.56           | 6.66                       | 5.55              | 4.44            | 4.44            | 2.22 | 5.55 | 4.44 | 4.44 | 5.55 |
| VIRGINIA        | 6.02    | 2.94         | 3.76           | 5.55                       | 5.55              | 3.33            | 5.55            | 5.55 | 8.88 | 3.33 | 3.33 | 4.44 |
| WASHINGTON      | 5.94    | 6.97         | 1.89           | 5.00                       | 3.33              | 1.33            | 1.00            | 6.66 | 1.87 | 5.55 | 3.33 | 4.44 |
| WEST VIRGINIA   | 6.14    | 3.48         | 4.47           | 3.33                       | 5.55              | 2.22            | 7.77            | 4.47 | 6.66 | 8.88 | 1.11 | 3.33 |
| WISCONSIN       | 2.57    | 1.71         | 1.44           | 2.22                       | 5.55              | 2.49            | 6.66            | 4.47 | 2.22 | 3.33 | 3.33 | 1.11 |
| WYOMING         | 1.91    | 1.42         | 1.05           | 1.12                       | 2.71              | 1.89            | 1.75            | 2.70 | 1.00 | 1.11 | 1.11 | 1.11 |

NOTE : DASHES INDICATE DATA NOT AVAILABLE OR MISSING.

| AREA            | REGIONAL & NATIONAL AVERAGE PRECIPITATION (IN.) (WEIGHTED BY AREA) |      |      |      |      |      |      |      |      |                |      |      |
|-----------------|--------------------------------------------------------------------|------|------|------|------|------|------|------|------|----------------|------|------|
|                 | JAN                                                                | FEB  | MAR  | APR  | MAY  | JUN  | JUL  | AUG  | SEP  | -- 1996<br>OCT | NOV  | DEC  |
| NEW ENGLAND     | 5.24                                                               | 3.24 | 2.32 | 5.78 | 4.74 | 3.77 | 7.13 | 1.82 | 4.97 | 5.65           | 2.56 | 5.97 |
| MIDDLE ATLANTIC | 5.18                                                               | 2.19 | 2.90 | 4.87 | 4.53 | 5.19 | 5.88 | 2.85 | 6.15 | 4.54           | 4.08 | 5.15 |
| E. N. CENTRAL   | 2.78                                                               | 1.30 | 2.07 | 4.44 | 5.17 | 5.10 | 4.29 | 2.00 | 3.74 | 2.87           | 2.93 | 2.69 |
| W. N. CENTRAL   | 1.29                                                               | .34  | 1.25 | 1.61 | 5.04 | 3.49 | 3.47 | 3.10 | 3.76 | 2.13           | 2.62 | 2.81 |
| SOUTH ATLANTIC  | 5.01                                                               | 2.76 | 5.79 | 3.29 | 4.24 | 4.51 | 5.68 | 5.69 | 6.46 | 4.16           | 2.73 | 3.87 |
| E. S. CENTRAL   | 6.16                                                               | 3.10 | 6.50 | 5.11 | 4.12 | 4.46 | 6.00 | 3.90 | 5.75 | 2.79           | 4.81 | 5.21 |
| W. S. CENTRAL   | 1.23                                                               | .58  | 1.58 | 2.34 | 1.92 | 3.59 | 3.80 | 5.11 | 4.81 | 2.55           | 4.08 | 1.71 |
| MOUNTAIN        | 1.12                                                               | 1.00 | .86  | .87  | 1.69 | 1.09 | 1.30 | 1.07 | 1.45 | 1.10           | 1.25 | 1.52 |
| PACIFIC         | 5.35                                                               | 5.91 | 2.19 | 3.06 | 2.54 | 2.57 | 3.33 | 2.23 | 3.85 | 2.74           | 4.62 | 9.04 |
| NATIONAL        | 2.65                                                               | 1.76 | 2.17 | 2.46 | 3.22 | 2.85 | 3.15 | 2.67 | 3.42 | 2.41           | 2.87 | 2.99 |

NOTE : DASHES INDICATE DATA NOT AVAILABLE OR MISSING.



| AREA            | JAN  | STATE<br>FEB | AVERAGE<br>MAR | PRECIPITATION (IN.)<br>APR | (DIVISIONS<br>MAY | WEIGHTED BY AREA)<br>JUN | SEP | 1997<br>AUG | SEP | OCT | NOV | DEC |
|-----------------|------|--------------|----------------|----------------------------|-------------------|--------------------------|-----|-------------|-----|-----|-----|-----|
| ALABAMA         | 6.64 | 6.31         | 3.88           | 6.07                       | 5.66              | 8.11                     | -   | -           | -   | -   | -   | -   |
| ARIZONA         | 2.26 | 5.96         | 6.11           | 7.77                       | 3.40              | 5.27                     | -   | -           | -   | -   | -   | -   |
| ARKANSAS        | 3.00 | 5.97         | 6.30           | 7.77                       | 3.99              | 5.11                     | -   | -           | -   | -   | -   | -   |
| CALIFORNIA      | 7.66 | 5.58         | 7.72           | 7.73                       | 3.55              | 5.58                     | -   | -           | -   | -   | -   | -   |
| COLORADO        | 1.30 | 2.87         | 4.35           | 2.25                       | 1.60              | 2.09                     | -   | -           | -   | -   | -   | -   |
| CONNECTICUT     | 4.11 | 2.04         | 4.30           | 4.42                       | 3.36              | 1.87                     | -   | -           | -   | -   | -   | -   |
| DELAWARE        | 2.69 | 2.92         | 4.93           | 3.92                       | 3.11              | 2.81                     | -   | -           | -   | -   | -   | -   |
| FLORIDA         | 3.14 | 2.30         | 2.75           | 6.41                       | 3.86              | 7.21                     | -   | -           | -   | -   | -   | -   |
| GEORGIA         | 5.60 | 2.70         | 2.72           | 4.70                       | 3.32              | 4.68                     | -   | -           | -   | -   | -   | -   |
| IDAHO           | 5.63 | 1.10         | 1.82           | 2.13                       | 1.44              | 1.78                     | -   | -           | -   | -   | -   | -   |
| ILLINOIS        | 3.53 | 3.88         | 3.04           | 2.34                       | 1.02              | 2.59                     | -   | -           | -   | -   | -   | -   |
| INDIANA         | 3.14 | 3.23         | 4.74           | 2.18                       | 4.81              | 5.64                     | -   | -           | -   | -   | -   | -   |
| IOWA            | 1.99 | 1.79         | 1.34           | 2.76                       | 4.19              | 4.41                     | -   | -           | -   | -   | -   | -   |
| KANSAS          | 2.24 | 2.20         | 1.43           | 2.89                       | 3.33              | 4.26                     | -   | -           | -   | -   | -   | -   |
| KENTUCKY        | 2.29 | 2.22         | 11.24          | 2.22                       | 5.55              | 7.40                     | -   | -           | -   | -   | -   | -   |
| LOUISIANA       | 5.77 | 8.54         | 4.74           | 7.87                       | 6.37              | 5.53                     | -   | -           | -   | -   | -   | -   |
| MAINE           | 3.98 | 2.48         | 3.20           | 2.95                       | 4.07              | 3.16                     | -   | -           | -   | -   | -   | -   |
| MARYLAND & D.C. | 2.28 | 2.66         | 5.20           | 2.45                       | 2.32              | 3.02                     | -   | -           | -   | -   | -   | -   |
| MASSACHUSETTS   | 2.42 | 1.44         | 2.53           | 5.53                       | 3.61              | 2.61                     | -   | -           | -   | -   | -   | -   |
| MICHIGAN        | 3.18 | 2.73         | 4.21           | 1.16                       | 3.69              | 2.41                     | -   | -           | -   | -   | -   | -   |
| MINNESOTA       | 1.67 | 7.32         | 1.43           | 1.51                       | 2.11              | 4.25                     | -   | -           | -   | -   | -   | -   |
| MISSISSIPPI     | 6.56 | 7.33         | 5.31           | 6.97                       | 7.00              | 7.58                     | -   | -           | -   | -   | -   | -   |
| MISSOURI        | 1.99 | 4.23         | 3.16           | 3.59                       | 5.55              | 3.33                     | -   | -           | -   | -   | -   | -   |
| MONTANA         | 1.88 | 1.44         | 1.92           | 1.39                       | 2.22              | 3.88                     | -   | -           | -   | -   | -   | -   |
| NEBRASKA        | 2.25 | 1.75         | 1.31           | 2.36                       | 2.55              | 3.33                     | -   | -           | -   | -   | -   | -   |
| NEVADA          | 2.03 | 2.42         | 3.16           | 1.58                       | 2.33              | 1.11                     | -   | -           | -   | -   | -   | -   |
| NEW HAMPSHIRE   | 3.35 | 2.88         | 3.88           | 4.14                       | 3.00              | 2.22                     | -   | -           | -   | -   | -   | -   |
| NEW JERSEY      | 3.24 | 2.56         | 4.92           | 4.04                       | 3.33              | 1.11                     | -   | -           | -   | -   | -   | -   |
| NEW MEXICO      | 1.11 | 2.96         | 3.21           | 1.87                       | 1.39              | 1.73                     | -   | -           | -   | -   | -   | -   |
| NEW YORK        | 2.59 | 2.45         | 3.89           | 2.62                       | 3.11              | 3.04                     | -   | -           | -   | -   | -   | -   |
| NORTH CAROLINA  | 3.70 | 3.75         | 4.41           | 4.88                       | 2.23              | 4.88                     | -   | -           | -   | -   | -   | -   |
| NORTH DAKOTA    | 2.82 | 2.27         | 5.82           | 2.22                       | 1.88              | 2.34                     | -   | -           | -   | -   | -   | -   |
| OHIO            | 2.30 | 2.26         | 5.11           | 1.65                       | 5.25              | 2.22                     | -   | -           | -   | -   | -   | -   |
| OKLAHOMA        | 5.55 | 4.14         | 3.24           | 5.55                       | 3.72              | 4.48                     | -   | -           | -   | -   | -   | -   |
| OREGON          | 5.09 | 1.80         | 1.13           | 1.70                       | 1.41              | 1.68                     | -   | -           | -   | -   | -   | -   |
| PENNSYLVANIA    | 2.22 | 2.03         | 4.13           | 1.72                       | 4.00              | 3.44                     | -   | -           | -   | -   | -   | -   |
| RHODE ISLAND    | 4.26 | 2.23         | 5.63           | 4.56                       | 2.86              | 1.79                     | -   | -           | -   | -   | -   | -   |
| SOUTH CAROLINA  | 4.16 | 4.59         | 3.34           | 5.00                       | 2.44              | 6.14                     | -   | -           | -   | -   | -   | -   |
| SOUTH DAKOTA    | 1.17 | 4.82         | 3.41           | 2.76                       | 3.03              | 3.33                     | -   | -           | -   | -   | -   | -   |
| TENNESSEE       | 5.15 | 4.73         | 2.26           | 4.23                       | 5.55              | 7.53                     | -   | -           | -   | -   | -   | -   |
| TEXAS           | 1.25 | 3.89         | 2.43           | 5.08                       | 3.55              | 4.60                     | -   | -           | -   | -   | -   | -   |
| UTAH            | 2.28 | 2.91         | 3.22           | 1.60                       | 1.09              | 1.20                     | -   | -           | -   | -   | -   | -   |
| VERMONT         | 3.03 | 2.41         | 3.62           | 2.98                       | 3.33              | 2.59                     | -   | -           | -   | -   | -   | -   |
| VIRGINIA        | 2.64 | 2.90         | 4.39           | 2.25                       | 1.88              | 3.57                     | -   | -           | -   | -   | -   | -   |
| WASHINGTON      | 7.04 | 3.24         | 6.95           | 3.39                       | 2.51              | 2.71                     | -   | -           | -   | -   | -   | -   |
| WEST VIRGINIA   | 2.32 | 1.90         | 7.16           | 2.13                       | 4.34              | 4.20                     | -   | -           | -   | -   | -   | -   |
| WISCONSIN       | 2.04 | 1.96         | 1.91           | 1.97                       | 3.09              | 4.12                     | -   | -           | -   | -   | -   | -   |
| WYOMING         | 1.01 | 1.64         | 1.50           | 1.48                       | 1.89              | 2.05                     | -   | -           | -   | -   | -   | -   |

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| AREA            | REGIONAL & NATIONAL AVERAGE PRECIPITATION (IN.) (WEIGHTED BY AREA) |      |      |      |      |      | -- 1997 |     |     |     |     |     |
|-----------------|--------------------------------------------------------------------|------|------|------|------|------|---------|-----|-----|-----|-----|-----|
|                 | JAN                                                                | FEB  | MAR  | APR  | MAY  | JUN  | JUL     | AUG | SEP | OCT | NOV | DEC |
| NEW ENGLAND     | 3.70                                                               | 2.36 | 3.65 | 3.55 | 3.75 | 2.58 | -       | -   | -   | -   | -   | -   |
| MIDDLE ATLANTIC | 2.50                                                               | 2.28 | 4.08 | 2.33 | 3.53 | 3.16 | -       | -   | -   | -   | -   | -   |
| E. N. CENTRAL   | 2.62                                                               | 2.59 | 3.20 | 1.61 | 4.20 | 4.00 | -       | -   | -   | -   | -   | -   |
| W. N. CENTRAL   | 1.00                                                               | 1.44 | 1.09 | 2.56 | 3.03 | 3.68 | -       | -   | -   | -   | -   | -   |
| SOUTH ATLANTIC  | 3.70                                                               | 3.62 | 3.85 | 4.60 | 2.97 | 4.98 | -       | -   | -   | -   | -   | -   |
| E. S. CENTRAL   | 5.53                                                               | 5.50 | 7.14 | 5.11 | 5.96 | 7.68 | -       | -   | -   | -   | -   | -   |
| W. S. CENTRAL   | 1.85                                                               | 4.69 | 2.96 | 5.79 | 3.91 | 4.74 | -       | -   | -   | -   | -   | -   |
| MOUNTAIN        | 1.71                                                               | 1.76 | 2.52 | 1.48 | 1.34 | 1.76 | -       | -   | -   | -   | -   | -   |
| PACIFIC         | 6.76                                                               | 1.51 | 2.75 | 1.88 | 1.12 | 1.36 | -       | -   | -   | -   | -   | -   |
| NATIONAL        | 2.71                                                               | 2.31 | 2.33 | 2.92 | 2.77 | 3.38 | -       | -   | -   | -   | -   | -   |

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