



MAY 2001

# LOCAL CLIMATOLOGICAL DATA

NOAA, National Climatic Data Center

## LA CROSSE, WI

MUNICIPAL AIRPORT (LSE)

Lat: 43° 45' N Long: 91° 15' W Elev (Ground): 655 Feet

Time Zone: CENTRAL WBAN: 14920 ISSN #:0198-571X

| DATE                      | TEMPERATURE °F |         |         |                    |                   |                     | DEG DAYS<br>BASE 65° |         | WEATHER                                     | SNOW/ICE<br>ON GND (IN)           |             | PRECIPITATION<br>(INCHES) |                              | PRESSURE<br>(INCHES OF HG) |                         | WIND SPEED = MPH<br>DIR = TENS OF DEGREES |                      |                  |         |      |                                |     |    | DATE |  |
|---------------------------|----------------|---------|---------|--------------------|-------------------|---------------------|----------------------|---------|---|-----------------------------------|-------------|---------------------------|------------------------------|----------------------------|-------------------------|---|----------------------|------------------|---------|------|--------------------------------|-----|----|------|--|
|                           | MAXIMUM        | MINIMUM | AVERAGE | DEP FROM<br>NORMAL | AVERAGE<br>DEW PT | AVERAGE<br>WET BULB | HEATING              | COOLING |   | 0600<br>LST                       | 1200<br>LST | 2400<br>LST               | 2400<br>LST                  | AVERAGE<br>STATION         | AVERAGE<br>SEA<br>LEVEL | RESULTANT<br>SPEED                        | RES DIR              | AVERAGE<br>SPEED | MAXIMUM |      |                                |     |    |      |  |
|                           |                |         |         |                    |                   |                     |                      |         |   |                                   |             |                           |                              |                            |                         |   |                      |                  | 5-SEC   |      | 2-MIN                          |     |    |      |  |
|                           |                |         |         |                    |                   |                     |                      |         |   |                                   |             |                           |                              |                            |                         |   |                      |                  | SPEED   | DIR  | SPEED                          | DIR |    |      |  |
| 1                         | 2              | 3       | 4       | 5                  | 6                 | 7                   | 8                    | 9       | 10  | 11                                | 12          | 13                        | 14                           | 15                         | 16                      | 17  | 18                   | 19               | 20      | 21   | 22                             | 23  | 24 |      |  |
| 01                        | 79             | 57      | 68      | 14                 |                   |                     | 0                    | 3       | RA  | 0                                 |             | 0.0                       | 0.11                         |                            |                         |   |                      |                  |         |      |                                |     | 01 |      |  |
| 02                        | 61             | 54      | 58      | 3                  |                   |                     | 7                    | 0       | TS RA VCTS                                  | 0                                 |             | 0.0                       | 1.59                         |                            |                         |   |                      | 2.1              | 16      | 33   | 14                             | 34  | 02 |      |  |
| 03                        | 63             | 51      | 57      | 2                  | 53                | 54                  | 8                    | 0       | TSRA RA BR VCTS                             | 0                                 |             | 0.0                       | 0.59                         | 29.43                      |                         | 5.7                                       | 02                   | 7.5              | 20      | 02   | 16                             | 03  | 03 |      |  |
| 04                        | 66             | 51      | 59      | 4                  | 46                | 52                  | 6                    | 0       | RA  | 0                                 |             | 0.0                       | 0.04                         | 29.52                      | 30.23                   | 7.4                                       | 08                   | 7.9              | 21      | 08   | 16                             | 10  | 04 |      |  |
| 05                        | 59             | 53      | 56      | 0                  | 45                | 50                  | 9                    | 0       | RA  | 0                                 |             | 0.0                       | 0.04                         | 29.42                      | 30.13                   | 9.8                                       | 12                   | 10.4             | 25      | 13   | 20                             | 14  | 05 |      |  |
| 06                        | 74             | 55      | 65      | 9                  | 55                | 58                  | 0                    | 0       | RA BR                                       | 0                                 |             | 0.0                       | 0.39                         | 29.24                      | 29.93                   | 10.8                                      | 14                   | 11.2             | 29      | 15   | 23                             | 15  | 06 |      |  |
| 07                        | 70             | 51      | 61      | 5                  |                   |                     | 4                    | 0       |   | 0                                 |             | 0.0                       | 0.00                         |                            |                         |   |                      | 7.7              | 25      | 31   | 20                             | 30  | 07 |      |  |
| 08                        | 73             | 49      | 61      | 4                  | 37                | 50                  | 4                    | 0       |   | 0                                 |             | 0.0                       | 0.00                         | 29.31                      | 30.01                   | 11.2                                      | 26                   | 13.2             | 38*     | 29   | 29*                            | 29  | 08 |      |  |
| 09                        | 76             | 45      | 61      | 4                  | 51                | 57                  | 4                    | 0       | TSRA RA BR                                  | 0                                 |             | 0.0                       | 0.29                         | 29.23                      | 29.92                   | 8.8                                       | 16                   | 6.9              | 21      | 14   | 16                             | 16  | 09 |      |  |
| 10                        | 79             | 54      | 67      | 10                 | 58                | 60                  | 0                    | 2       | RA BR VCTS                                  | 0                                 |             | 0.0                       | 0.56                         | 29.12                      | 29.81                   | 2.3                                       | 27                   | 11.2             | 29      | 18   | 21                             | 21  | 10 |      |  |
| 11                        | 65             | 46      | 56      | -2                 | 48                | 52                  | 9                    | 0       | BR  | 0                                 |             | 0.0                       | 0.00                         | 29.36                      | 30.06                   | 8.6                                       | 36                   | 8.3              | 23      | 36   | 18                             | 36  | 11 |      |  |
| 12                        | 64             | 40*     | 52      | -6                 | 37                | 45                  | 13                   | 0       |   | 0                                 |             | 0.0                       | 0.00                         | 29.57                      | 30.28                   | 0.5                                       | 08                   | 5.6              | 20      | 35   | 17                             | 36  | 12 |      |  |
| 13                        | 72             | 44      | 58      | -1                 | 48                | 53                  | 7                    | 0       |   | 0                                 |             | 0.0                       | 0.00                         | 29.47                      | 30.17                   | 9.5                                       | 18                   | 9.3              | 22      | 20   | 18                             | 20  | 13 |      |  |
| 14                        | 87             | 56      | 72      | 13                 | 58                | 63                  | 0                    | 7       |   | 0                                 |             | 0.0                       | 0.00                         | 29.16                      | 29.84                   | 12.2                                      | 18                   | 11.7             | 26      | 19   | 22                             | 18  | 14 |      |  |
| 15                        | 91*            | 71      | 81*     | 22                 | 65                | 71                  | 0                    | 16      |   | 0                                 |             | 0.0                       | 0.00                         | 28.87                      | 29.53                   | 11.9                                      | 20                   | 13.0             | 26      | 24   | 22                             | 23  | 15 |      |  |
| 16                        | 87             | 62      | 75      | 15                 | 52                | 61                  | 0                    | 10      |   | 0                                 |             | 0.0                       | 0.00                         | 28.96                      | 29.63                   | 6.5                                       | 34                   | 10.1             | 24      | 35   | 20                             | 35  | 16 |      |  |
| 17                        | 82             | 55      | 69      | 9                  | 52                | 58                  | 0                    | 4       |   | 0                                 |             | 0.0                       | 0.00                         | 29.07                      | 29.75                   | 4.4                                       | 34                   | 6.5              | 25      | 33   | 21                             | 34  | 17 |      |  |
| 18                        | 77             | 48      | 63      | 3                  | 46                | 54                  | 2                    | 0       |   | 0                                 |             | 0.0                       | 0.00                         | 29.23                      | 29.91                   | 1.6                                       | 36                   | 4.5              | 15      | 33   | 13                             | 33  | 18 |      |  |
| 19                        | 83             | 49      | 66      | 5                  | 47                | 57                  | 0                    | 1       |   | 0                                 |             | 0.0                       | 0.00                         | 29.22                      | 29.91                   | 2.8                                       | 16                   | 4.4              | 14      | 22   | 10                             | 18  | 19 |      |  |
| 20                        | 78             | 62      | 70      | 9                  | 54                | 60                  | 0                    | 5       | RA BR VCTS                                  | 0                                 |             | 0.0                       | 0.22                         | 28.98                      | 29.65                   | 8.1                                       | 15                   | 8.1              | 24      | 14   | 21                             | 15  | 20 |      |  |
| 21                        | 68             | 51      | 60      | -1                 | 50                | 54                  | 5                    | 0       | RA BR                                       | 0                                 |             | 0.0                       | 0.11                         | 28.77                      | 29.45                   | 11.3                                      | 31                   | 12.5             | 30      | 31   | 24                             | 30  | 21 |      |  |
| 22                        | 53             | 45      | 49      | -13                | 43                | 46                  | 16                   | 0       | RA  | 0                                 |             | 0.0                       | 0.10                         | 28.88                      | 29.58                   | 12.2                                      | 27                   | 14.8             | 33      | 29   | 26                             | 29  | 22 |      |  |
| 23                        | 50             | 43      | 47*     | -15                | 41                | 43                  | 18                   | 0       | RA BR                                       | 0                                 |             | 0.0                       | 0.17                         | 28.88                      | 29.59                   | 4.2                                       | 22                   | 8.4              | 30      | 31   | 25                             | 31  | 23 |      |  |
| 24                        | 62             | 42      | 52      | -10                | 45                | 48                  | 13                   | 0       | RA BR                                       | 0                                 |             | 0.0                       | 0.08                         | 29.08                      | 29.78                   | 7.2                                       | 03                   | 6.6              | 25      | 02   | 21                             | 03  | 24 |      |  |
| 25                        | 63             | 49      | 56      | -7                 | 48                | 51                  | 9                    | 0       | RA  | 0                                 |             | 0.0                       | 0.25                         | 29.08                      | 29.78                   | 1.5                                       | 02                   | 4.8              | 16      | 03   | 14                             | 04  | 25 |      |  |
| 26                        | 65             | 47      | 56      | -7                 | 48                | 50                  | 9                    | 0       | RA VCTS                                     | 0                                 |             | 0.0                       | 0.08                         | 29.02                      | 29.72                   | 2.9                                       | 01                   | 5.8              | 22      | 02   | 18                             | 01  | 26 |      |  |
| 27                        | 64             | 46      | 55      | -8                 | 48                | 51                  | 10                   | 0       | FG+ BR                                      | 0                                 |             | 0.0                       | 0.00                         | 29.11                      | 29.80                   | 6.3                                       | 34                   | 7.3              | 16      | 32   | 14                             | 32  | 27 |      |  |
| 28                        | 74             | 46      | 60      | -4                 | 49                | 54                  | 5                    | 0       | BR  | 0                                 |             | 0.0                       | 0.00                         | 29.24                      | 29.94                   | 3.7                                       | 32                   | 4.8              | 15      | 31   | 13                             | 30  | 28 |      |  |
| 29                        | 71             | 48      | 60      | -4                 | 51                | 55                  | 5                    | 0       | BR  | 0                                 |             | 0.0                       | 0.00                         | 29.38                      | 30.08                   | 4.1                                       | 08                   | 4.1              | 17      | 10   | 13                             | 07  | 29 |      |  |
| 30                        | 71             | 47      | 59      | -5                 | 43                | 51                  | 6                    | 0       | HZ  | 0                                 |             | 0.0                       | 0.00                         | 29.45                      | 30.15                   | 5.5                                       | 12                   | 6.1              | 16      | 12   | 13                             | 14  | 30 |      |  |
| 31                        | 66             | 48      | 57      | -7                 |                   |                     | 8                    | 0       | RA  | 0                                 |             | 0.0                       | 0.34                         |                            |                         |   |                      | 6.9              | 18      | 09   | 16                             | 06  | 31 |      |  |
| 70.7 50.5 60.6 ■■         |                |         |         |                    |                   |                     |                      |         |   | < MONTHLY AVERAGES                |             | TOTALS->                  |                              |                            |                         | <- MONTHLY AVERAGES                       |                      |                  |         |      |                                |     |    |      |  |
| - .2 2.4 1.1 ■■           |                |         |         |                    |                   |                     |                      |         |   | <-----DEPARTURE FROM NORMAL-----> |             |                           |                              |                            |                         |   |                      |                  |         | 1.70 |                                |     |    |      |  |
| DEGREE DAYS               |                |         |         |                    |                   |                     |                      |         | GREATEST 24-HR PRECIPITATION: 1.59 DATE: 02 |                                   |             |                           | SEA LEVEL PRESSURE DATE TIME |                            |                         |   |                      |                  |         |      |                                |     |    |      |  |
| MONTHLY                   |                |         |         |                    |                   |                     |                      |         | GREATEST 24-HR SNOWFALL: 0.0 DATE: 02       |                                   |             |                           | MAXIMUM                      |                            |                         |   | 30.36 12 0953        |                  |         |      |                                |     |    |      |  |
| TOTAL DEPARTURE           |                |         |         |                    |                   |                     |                      |         | GREATEST SNOW DEPTH: 0 DATE: 02             |                                   |             |                           | MINIMUM                      |                            |                         |   | 29.33 21 0353        |                  |         |      |                                |     |    |      |  |
| HEATING: 177 -43 7583 128 |                |         |         |                    |                   |                     |                      |         | NUMBER OF DAYS WITH →                       |                                   |             |                           | MAXIMUM TEMP ≥ 90: 1         |                            |                         |   | MINIMUM TEMP ≤ 32: 0 |                  |         |      | PRECIPITATION ≥ 0.01 INCH : 16 |     |    |      |  |
| COOLING: 48 -2 58 8       |                |         |         |                    |                   |                     |                      |         |   |                                   |             |                           | MAXIMUM TEMP ≤ 32: 0         |                            |                         |   | MINIMUM TEMP ≤ 0: 0  |                  |         |      | PRECIPITATION ≥ 0.10 INCH : 12 |     |    |      |  |
|                           |                |         |         |                    |                   |                     |                      |         |   |                                   |             |                           | THUNDERSTORMS : 3            |                            |                         |   | HEAVY FOG : 1        |                  |         |      | SNOWFALL ≥ 1.0 INCH : 0        |     |    |      |  |

MAY 2001  
LA CROSSE, WI

# HOURLY PRECIPITATION

(WATER EQUIVALENT IN INCHES)

LA CROSSE, WI

MAY 2001

LSE

WBAN # 14920

| DATE | FOR HOUR (LST) ENDING AT |      |      |      |   |      |      |      |      |      |      |      | DATE | FOR HOUR (LST) ENDING AT |      |      |      |      |      |      |      |      |      |      |      | DATE | Sum if<br>Different<br>(See Note) | 2400<br>LST     |
|------|--------------------------|------|------|------|---|------|------|------|------|------|------|------|------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|-----------------------------------|-----------------|
|      | 1                        | 2    | 3    | 4    | 5 | 6    | 7    | 8    | 9    | 10   | 11   | 12   |      | 13                       | 14   | 15   | 16   | 17   | 18   | 19   | 20   | 21   | 22   | 23   | 24   |      |                                   | Water<br>Equiv. |
| 01   |                          |      |      |      |   |      |      |      |      |      |      |      | 01   |                          |      |      |      |      |      |      |      |      |      |      | 01   | 0.00 | 0.11                              |                 |
| 02   |                          |      |      |      |   |      |      |      |      |      |      |      | 02   |                          |      |      |      |      |      |      |      |      |      |      | 02   | 0.00 | 1.59                              |                 |
| 03   |                          |      |      |      |   |      |      | 0.01 | 0.03 | 0.10 | 0.21 | 0.15 | 03   | T                        |      |      |      |      |      |      |      | 0.02 | 0.03 | 0.04 | 03   |      | 0.59                              |                 |
| 04   | 0.01                     | 0.03 | T    |      |   |      |      |      |      |      |      |      | 04   |                          |      |      |      |      |      | T    |      |      |      |      | 04   |      | 0.04                              |                 |
| 05   | T                        | T    |      |      |   |      |      |      |      | T    |      | T    | 05   | 0.01                     |      | T    |      |      | T    | T    | 0.02 | 0.01 | T    |      | 05   |      | 0.04                              |                 |
| 06   |                          |      |      |      |   |      |      |      |      |      |      |      | 06   |                          |      | 0.02 | 0.03 |      |      | 0.04 | 0.25 | 0.01 | 0.01 |      | 06   |      | 0.39                              |                 |
| 07   |                          |      |      | 0.03 |   | T    |      |      |      |      |      |      | 07   |                          |      |      |      |      |      |      |      |      |      |      | 07   | 0.01 | 0.00                              |                 |
| 08   |                          |      | T    | T    |   | T    |      |      |      |      |      |      | 08   |                          |      |      |      |      |      |      |      |      |      |      | 08   |      | 0.00                              |                 |
| 09   |                          |      | 0.01 |      |   |      |      |      |      |      |      |      | 09   |                          |      |      |      | T    |      |      |      | 0.03 | 0.26 |      | 09   |      | 0.29                              |                 |
| 10   |                          |      |      |      |   |      |      |      |      |      |      |      | 10   |                          |      | 0.04 | 0.07 | 0.12 | 0.04 | 0.10 | T    |      |      | 10   | 0.37 | 0.56 |                                   |                 |
| 11   |                          |      |      |      |   |      |      |      |      |      |      |      | 11   |                          |      |      |      |      |      |      |      |      |      |      | 11   |      | 0.00                              |                 |
| 12   |                          |      |      |      |   |      |      |      |      |      |      |      | 12   |                          |      |      |      |      |      |      |      |      |      |      | 12   |      | 0.00                              |                 |
| 13   |                          |      |      |      |   |      |      |      |      |      |      |      | 13   |                          |      |      |      |      |      |      |      |      |      |      | 13   |      | 0.00                              |                 |
| 14   |                          |      |      |      |   |      |      |      |      |      |      |      | 14   |                          |      |      |      |      |      |      |      |      |      |      | 14   |      | 0.00                              |                 |
| 15   |                          |      |      |      |   |      |      |      |      |      |      |      | 15   |                          |      |      |      |      |      |      |      |      |      |      | 15   |      | 0.00                              |                 |
| 16   |                          |      |      |      |   |      |      |      |      |      |      |      | 16   |                          |      |      |      |      |      |      |      |      |      |      | 16   |      | 0.00                              |                 |
| 17   |                          |      |      |      |   |      |      |      |      |      |      |      | 17   |                          |      |      |      |      |      |      |      |      |      |      | 17   |      | 0.00                              |                 |
| 18   |                          |      |      |      |   |      |      |      |      |      |      |      | 18   |                          |      |      |      |      |      |      |      |      |      |      | 18   |      | 0.00                              |                 |
| 19   |                          |      |      |      |   |      |      |      |      |      |      |      | 19   |                          |      |      |      |      |      |      |      |      |      |      | 19   |      | 0.00                              |                 |
| 20   |                          | T    | T    |      |   |      |      |      |      |      |      |      | 20   |                          | T    | T    |      |      |      | T    | 0.02 | 0.02 | 0.13 | 0.05 | 20   |      | 0.22                              |                 |
| 21   | 0.02                     | 0.01 | 0.01 | T    |   | 0.02 | 0.04 | 0.01 |      |      |      |      | 21   |                          |      |      |      |      |      |      |      |      |      |      | 21   |      | 0.11                              |                 |
| 22   |                          |      |      |      | T |      |      |      | T    |      |      | T    | 22   | 0.02                     | 0.01 | T    | 0.01 | T    |      | 0.02 | 0.01 |      |      |      | 22   | 0.13 | 0.10                              |                 |
| 23   | T                        | T    |      |      | T |      |      |      |      | 0.03 | 0.01 | T    | 23   | 0.01                     | 0.07 | 0.02 |      |      | 0.03 | 0.02 | 0.04 | 0.04 | T    | T    | 23   | 0.22 | 0.17                              |                 |
| 24   |                          |      |      |      |   |      |      |      |      |      |      |      | 24   |                          |      |      |      |      | T    |      | 0.03 | 0.04 | 0.07 | 0.02 | 24   | 0.19 | 0.08                              |                 |
| 25   | 0.03                     | 0.02 | 0.01 | T    |   |      |      |      |      |      |      |      | 25   |                          |      |      |      |      | T    | 0.02 | 0.01 | T    |      |      | 25   | 0.07 | 0.25                              |                 |
| 26   |                          |      |      |      |   |      |      |      |      |      |      | T    | 26   | T                        |      | T    | 0.06 | 0.01 |      |      |      |      |      |      | 26   | 0.07 | 0.08                              |                 |
| 27   |                          |      |      |      |   |      |      |      |      |      |      |      | 27   |                          |      |      |      |      |      |      |      |      |      |      | 27   |      | 0.00                              |                 |
| 28   |                          |      |      |      |   |      |      |      |      |      |      |      | 28   |                          |      |      |      |      |      |      |      |      |      |      | 28   |      | 0.00                              |                 |
| 29   |                          |      |      |      |   |      |      |      |      |      |      |      | 29   |                          |      |      |      |      |      |      |      |      |      |      | 29   |      | 0.00                              |                 |
| 30   |                          |      |      |      |   |      |      |      |      |      |      |      | 30   |                          |      |      |      |      |      |      |      |      |      |      | 30   |      | 0.00                              |                 |
| 31   |                          |      |      |      |   |      |      |      |      |      |      |      | 31   |                          |      |      |      |      |      |      |      |      |      |      | 31   | 0.00 | 0.34                              |                 |

## MAXIMUM SHORT DURATION PRECIPITATION (See Note)

| Time Period (Minutes)  | 5 | 10 | 15 | 20 | 30 | 45 | 60 | 80 | 100 | 120 | 150 | 180 |
|------------------------|---|----|----|----|----|----|----|----|-----|-----|-----|-----|
| Precipitation (Inches) |   |    |    |    |    |    |    |    |     |     |     |     |
| Ending Date            |   |    |    |    |    |    |    |    |     |     |     |     |
| Ending Time (Hour/Min) |   |    |    |    |    |    |    |    |     |     |     |     |

Date and time are not entered for TRACE amounts.

Note : The sum of the hourly totals is given when it differs from the daily total. NWS does not edit ASOS hourly values but may edit daily and monthly totals. Hourly, daily, and monthly totals are printed as reported by the ASOS site.

\* = Extreme for the month (last occurrence if more than one)  
T = Trace precipitation amount  
+ = also occurs on earlier date  
FG+ = Heavy fog, visibility .25 miles or less  
BLANK entries denote missing or unreported data

Wind direction is recorded in tens of degrees (2 digits) clockwise from true north. '00' = calm, 'VR' = variable.

Water Equivalent of snow on the ground is reported only when the depth is 2 or more inches.

## WEATHER NOTATIONS

**LA CROSSE, WI  
MAY 2001**

Satellite data are used to derive cloudiness above 12,000 feet. Effective Cloud Amount is based on the cloud cover and the transparency of the clouds within the satellite field of view (approx. 31x31 miles).

Sky Condition is based on the sum (not to exceed 8) of the sunrise to sunset cloud cover below and above 12,000 feet. Both ceilometer and satellite data must be present to compute Sky Condition. Clear = 0–2 oktas, Partly Cloudy = 3–6 oktas, Cloudy = 7–8 oktas.

A Heating (Cooling) Degree Day is the difference between the average daily temperature and 65 degrees F. The HDD season begins July 1, the CDD season begins January 1.

Dew Point is the temperature to which the air must be cooled to achieve 100% relative humidity. Wet Bulb is the temperature the air would have if cooled to saturation at constant pressure by evaporation of water into it.

Snow Depth, Snowfall, and Sunshine data may come from nearby sites that the National Weather Service deems Climatologically representative of this site.

| DATE         | SUNSHINE         |                     | CLOUDINESS<br>(OKTAS) |           |            |           | VISIBILITY<br>(MILES) |         | RESERVED |
|--------------|------------------|---------------------|-----------------------|-----------|------------|-----------|-----------------------|---------|----------|
|              | TOTAL<br>MINUTES | PERCENT<br>POSSIBLE | SR-SS                 |           | MN-MN      |           | MINIMUM               | MAXIMUM |          |
|              |                  |                     | CEILOMETER            | SATELLITE | CEILOMETER | SATELLITE |                       |         |          |
| 01           |                  |                     |                       |           |            |           |                       |         |          |
| 02           |                  |                     |                       |           |            |           | 10.00                 | 10.00   |          |
| 03           |                  |                     |                       |           |            |           | 1.25                  | 10.00   |          |
| 04           |                  |                     |                       |           |            |           | 10.00                 | 10.00   |          |
| 05           |                  |                     |                       |           |            |           | 10.00                 | 10.00   |          |
| 06           |                  |                     |                       |           |            |           | 3.00                  | 10.00   |          |
| 07           |                  |                     |                       |           |            |           | 10.00                 | 10.00   |          |
| 08           |                  |                     |                       |           |            |           | 10.00                 | 10.00   |          |
| 09           |                  |                     |                       |           |            |           | 1.75                  | 10.00   |          |
| 10           |                  |                     |                       |           |            |           | 3.00                  | 10.00   |          |
| 11           |                  |                     |                       |           |            |           | .75                   | 10.00   |          |
| 12           |                  |                     |                       |           |            |           | 10.00                 | 10.00   |          |
| 13           |                  |                     |                       |           |            |           | 10.00                 | 10.00   |          |
| 14           |                  |                     |                       |           |            |           | 10.00                 | 10.00   |          |
| 15           |                  |                     |                       |           |            |           | 10.00                 | 10.00   |          |
| 16           |                  |                     |                       |           |            |           | 10.00                 | 10.00   |          |
| 17           |                  |                     |                       |           |            |           | 10.00                 | 10.00   |          |
| 18           |                  |                     |                       |           |            |           | 10.00                 | 10.00   |          |
| 19           |                  |                     |                       |           |            |           | 10.00                 | 10.00   |          |
| 20           |                  |                     |                       |           |            |           | 5.00                  | 10.00   |          |
| 21           |                  |                     |                       |           |            |           | 5.00                  | 10.00   |          |
| 22           |                  |                     |                       |           |            |           | 4.00                  | 10.00   |          |
| 23           |                  |                     |                       |           |            |           | 4.00                  | 10.00   |          |
| 24           |                  |                     |                       |           |            |           | 5.00                  | 10.00   |          |
| 25           |                  |                     |                       |           |            |           | 10.00                 | 10.00   |          |
| 26           |                  |                     |                       |           |            |           | 7.00                  | 10.00   |          |
| 27           |                  |                     |                       |           |            |           | .25                   | 10.00   |          |
| 28           |                  |                     |                       |           |            |           | 3.00                  | 10.00   |          |
| 29           |                  |                     |                       |           |            |           | 6.00                  | 10.00   |          |
| 30           |                  |                     |                       |           |            |           | 10.00                 | 10.00   |          |
| 31           |                  |                     |                       |           |            |           | 10.00                 | 10.00   |          |
| MONTHLY AVGS |                  |                     |                       |           |            |           | 7.71                  | 10.00   |          |

SUNSHINE (MINUTES)

Total:

Possible:

Percent Possible:

NUMBER OF DAYS WITH:

SKY CONDITION

CLR PTLY CLDY CLOUDY MISSING

31

MINIMUM VISIBILITY (MILES)

<=0.25 <=3.0 >=7.0

1 5 21

## OBSERVATIONS AT 3-HOURLY INTERVALS

LA CROSSE, WI

MAY 2001

LSE

WBAN # 14920

| HOUR (LST) |           |                     | SATELLITE              |                     | WEATHER       | TEMPERATURE °F |           |          | RELATIVE HUMIDITY (PCT) | WIND        |                          | PRESSURE (INCHES, HG) |           | HOUR (LST) |           |                     | SATELLITE              |                     | WEATHER       | TEMPERATURE °F |           |          | RELATIVE HUMIDITY (PCT) | WIND        |                          | PRESSURE (INCHES, HG) |           |  |  |  |  |
|------------|-----------|---------------------|------------------------|---------------------|---------------|----------------|-----------|----------|-------------------------|-------------|--------------------------|-----------------------|-----------|------------|-----------|---------------------|------------------------|---------------------|---------------|----------------|-----------|----------|-------------------------|-------------|--------------------------|-----------------------|-----------|--|--|--|--|
|            | SKY COVER | CEILING 100'S OF FT | OBSERVATION TIME (LST) | EFF CLD AMT<br>Okta |               | DRY BULB       | DEW POINT | WET BULB |                         | SPEED (MPH) | DIRECTION<br>TENS OF DEG | STATION               | SEA LEVEL |            | SKY COVER | CEILING 100'S OF FT | OBSERVATION TIME (LST) | EFF CLD AMT<br>Okta |               | DRY BULB       | DEW POINT | WET BULB |                         | SPEED (MPH) | DIRECTION<br>TENS OF DEG | STATION               | SEA LEVEL |  |  |  |  |
|            |           |                     |                        | VISIBILITY (MILES)  |               |                |           |          |                         |             |                          |                       |           |            |           |                     |                        |                     |               |                |           |          |                         |             |                          |                       |           |  |  |  |  |
|            |           |                     |                        |                     | SUNRISE: 0457 | MAY 01         |           |          | SUNSET: 1907            |             |                          |                       |           |            |           |                     |                        |                     | SUNRISE: 0449 | MAY 07         |           |          | SUNSET: 1914            |             |                          |                       |           |  |  |  |  |
| 03         |           |                     |                        |                     |               |                |           |          |                         |             |                          | 29.15                 |           | 03         | OVC       | 075                 |                        |                     |               | 60             | 58        | 59       | 93                      | 0           | 00                       | 29.18                 | 29.87     |  |  |  |  |
| 06         |           |                     |                        |                     |               |                |           |          |                         |             |                          | 29.14                 |           | 06         | OVC       | 020                 |                        |                     |               | 54             | 49        | 51       | 83                      | 10          | 32                       | 29.26                 | 29.96     |  |  |  |  |
| 09         |           |                     |                        |                     |               |                |           |          |                         |             |                          | 29.11                 |           | 09         | BKN       | 100                 |                        |                     |               | 56             | 47        | 51       | 72                      | 9           | 31                       | 29.32                 | 30.01     |  |  |  |  |
| 12         |           |                     |                        |                     |               |                |           |          |                         |             |                          | 29.06                 |           | 12         | CLR       | NC                  |                        |                     |               | 67             | 41        | 54       | 39                      | 17          | 29                       | 29.32                 | 30.01     |  |  |  |  |
| 15         |           |                     |                        |                     |               |                |           |          |                         |             |                          |                       |           | 15         |           |                     |                        |                     |               |                |           |          |                         |             |                          |                       |           |  |  |  |  |
| 18         |           |                     |                        |                     |               |                |           |          |                         |             |                          |                       |           | 18         |           |                     |                        |                     |               |                |           |          |                         |             |                          |                       |           |  |  |  |  |
| 21         |           |                     |                        |                     |               |                |           |          |                         |             |                          |                       |           | 21         | CLR       | NC                  |                        |                     |               | 56             | 37        | 47       | 49                      | 5           | 23                       | 29.37                 | 30.08     |  |  |  |  |
| 24         |           |                     |                        |                     |               |                |           |          |                         |             |                          |                       |           | 24         | CLR       | NC                  |                        |                     |               | 53             | 43        | 48       | 69                      | 12          | 20                       | 29.34                 | 30.05     |  |  |  |  |
|            |           |                     |                        |                     | SUNRISE: 0455 | MAY 02         |           |          | SUNSET: 1908            |             |                          |                       |           |            |           |                     |                        |                     | SUNRISE: 0447 | MAY 08         |           |          | SUNSET: 1915            |             |                          |                       |           |  |  |  |  |
| 03         |           |                     |                        |                     |               |                |           |          |                         |             |                          |                       |           | 03         | CLR       | NC                  |                        |                     |               | 55             | 39        | 47       | 55                      | 17          | 24                       | 29.33                 | 30.03     |  |  |  |  |
| 06         |           |                     |                        |                     |               |                |           |          |                         |             |                          |                       |           | 06         | CLR       | NC                  |                        |                     |               | 54             | 39        | 47       | 57                      | 16          | 23                       | 29.31                 | 30.00     |  |  |  |  |
| 09         |           |                     |                        |                     |               |                |           |          |                         |             |                          |                       |           | 09         | CLR       | NC                  |                        |                     |               | 64             | 38        | 51       | 38                      | 12          | 25                       | 29.31                 | 30.00     |  |  |  |  |
| 12         |           |                     |                        |                     |               |                |           |          |                         |             |                          | 29.19                 |           | 12         | CLR       | NC                  |                        |                     |               | 72             | 32        | 52       | 23                      | 23          | 28                       | 29.30                 | 29.99     |  |  |  |  |
| 15         |           |                     |                        |                     |               |                |           |          |                         |             |                          | 29.22                 |           | 15         | CLR       | NC                  |                        |                     |               | 73             | 35        | 54       | 25                      | 16          | 29                       | 29.29                 | 29.98     |  |  |  |  |
| 18         |           |                     |                        |                     |               |                |           |          |                         |             |                          |                       |           | 18         | CLR       | NC                  |                        |                     |               | 68             | 35        | 52       | 30                      | 10          | 30                       | 29.30                 | 29.99     |  |  |  |  |
| 21         | OVC       | 070                 |                        | 10.00               | VCTS          | 56             | 54        | 55       | 93                      | 5           | 36                       | 29.29                 |           | 21         | CLR       | NC                  |                        |                     |               | 57             | 38        | 48       | 49                      | 0           | 00                       | 29.32                 | 30.02     |  |  |  |  |
| 24         | OVC       | 085                 |                        | 10.00               |               | 55             | 54        | 54       | 96                      | 6           | 01                       | 29.33                 |           | 24         | CLR       | NC                  |                        |                     |               | 50             | 43        | 47       | 77                      | 3           | 13                       | 29.34                 | 30.04     |  |  |  |  |
|            |           |                     |                        |                     | SUNRISE: 0454 | MAY 03         |           |          | SUNSET: 1909            |             |                          |                       |           |            |           |                     |                        |                     | SUNRISE: 0446 | MAY 09         |           |          | SUNSET: 1916            |             |                          |                       |           |  |  |  |  |
| 03         | FEW       | NC                  |                        | 10.00               |               | 54             | 53        | 53       | 97                      | 5           | 30                       | 29.35                 |           | 03         | CLR       | NC                  |                        |                     |               | 47             | 41        | 44       | 80                      | 6           | 19                       | 29.33                 | 30.03     |  |  |  |  |
| 06         | BKN       | 100                 |                        | 10.00               |               | 54             | 53        | 53       | 97                      | 6           | 05                       | 29.39                 |           | 06         | CLR       | NC                  |                        |                     |               | 49             | 43        | 46       | 80                      | 8           | 13                       | 29.32                 | 30.03     |  |  |  |  |
| 09         | OVC       | 065                 |                        | 5.00                | VCTS RA BR    | 55             | 52        | 53       | 90                      | 3           | 32                       | 29.46                 | 30.17     | 09         | CLR       | NC                  |                        |                     |               | 66             | 52        | 58       | 61                      | 12          | 19                       | 29.31                 | 30.00     |  |  |  |  |
| 12         | OVC       | 023                 |                        | 4.00                | -RA BR        | 55             | 54        | 54       | 96                      | 10          | 03                       | 29.44                 | 30.15     | 12         | CLR       | NC                  |                        |                     |               | 74             | 54        | 62       | 50                      | 14          | 19                       | 29.25                 | 29.93     |  |  |  |  |
| 15         | OVC       | 026                 |                        | 10.00               |               | 62             | 53        | 57       | 73                      | 8           | 05                       | 29.43                 | 30.14     | 15         | CLR       | NC                  |                        |                     |               | 73             | 56        | 63       | 55                      | 9           | 16                       | 29.21                 | 29.90     |  |  |  |  |
| 18         | OVC       | 025                 |                        | 10.00               |               | 59             | 54        | 56       | 83                      | 10          | 03                       | 29.44                 | 30.14     | 18         | CLR       | NC                  |                        |                     |               | 74             | 55        | 63       | 52                      | 12          | 15                       | 29.13                 | 29.82     |  |  |  |  |
| 21         | OVC       | 032                 |                        | 10.00               |               | 57             | 48        | 52       | 72                      | 10          | 05                       | 29.47                 | 30.18     | 21         | OVC       | 060                 |                        |                     | -TSRA         | 70             | 57        | 62       | 64                      | 9           | 15                       | 29.12                 | 29.80     |  |  |  |  |
| 24         | OVC       | 020                 |                        | 10.00               |               | 53             | 51        | 52       | 93                      | 8           | 02                       | 29.48                 | 30.19     | 24         | FEW       | NC                  |                        |                     |               | 66             | 59        | 62       | 78                      | 9           | 18                       | 29.06                 | 29.74     |  |  |  |  |
|            |           |                     |                        |                     | SUNRISE: 0453 | MAY 04         |           |          | SUNSET: 1911            |             |                          |                       |           |            |           |                     |                        |                     | SUNRISE: 0445 | MAY 10         |           |          | SUNSET: 1918            |             |                          |                       |           |  |  |  |  |
| 03         | OVC       | 014                 |                        | 10.00               |               | 53             | 51        | 52       | 93                      | 10          | 05                       | 29.49                 | 30.20     | 03         | CLR       | NC                  |                        |                     |               | 64             | 58        | 60       | 81                      | 10          | 20                       | 29.07                 | 29.75     |  |  |  |  |
| 06         | OVC       | 070                 |                        | 10.00               |               | 51             | 45        | 48       | 80                      | 7           | 10                       | 29.54                 | 30.24     | 06         | CLR       | NC                  |                        |                     |               | 64             | 57        | 60       | 78                      | 12          | 18                       | 29.11                 | 29.79     |  |  |  |  |
| 09         | OVC       | 110                 |                        | 10.00               |               | 57             | 47        | 52       | 69                      | 7           | 08                       | 29.56                 | 30.27     | 09         | CLR       | NC                  |                        |                     |               | 71             | 60        | 64       | 68                      | 8           | 22                       | 29.13                 | 29.81     |  |  |  |  |
| 12         | CLR       | NC                  |                        | 10.00               |               | 64             | 45        | 54       | 50                      | 14          | 06                       | 29.55                 | 30.25     | 12         | SCT       | NC                  |                        |                     |               | 77             | 56        | 64       | 48                      | 9           | 32                       | 29.10                 | 29.78     |  |  |  |  |
| 15         | OVC       | 070                 |                        | 10.00               |               | 65             | 44        | 54       | 47                      | 13          | 08                       | 29.51                 | 30.21     | 15         | BKN       | 100                 |                        |                     | -RA           | 66             | 59        | 62       | 78                      | 6           | 33                       | 29.13                 | 29.81     |  |  |  |  |
| 18         | OVC       | 065                 |                        | 10.00               |               | 63             | 43        | 53       | 48                      | 9           | 09                       | 29.49                 | 30.20     | 18         | OVC       | 036                 |                        |                     | -RA           | 59             | 56        | 57       | 90                      | 12          | 02                       | 29.14                 | 29.82     |  |  |  |  |
| 21         | OVC       | 065                 |                        | 10.00               |               | 61             | 46        | 53       | 58                      | 0           | 00                       | 29.52                 | 30.22     | 21         | FEW       | NC                  |                        |                     |               | 56             | 56        | 56       | 100                     | 7           | 35                       | 29.16                 | 29.84     |  |  |  |  |
| 24         | OVC       | 065                 |                        | 10.00               |               | 59             | 47        | 53       | 64                      | 5           | 12                       | 29.51                 | 30.21     | 24         | BKN       | 005                 |                        |                     | BR            | 54             | 54        | 54       | 100                     | 5           | 01                       | 29.18                 | 29.86     |  |  |  |  |
|            |           |                     |                        |                     | SUNRISE: 0451 | MAY 05         |           |          | SUNSET: 1912            |             |                          |                       |           |            |           |                     |                        |                     | SUNRISE: 0444 | MAY 11         |           |          | SUNSET: 1919            |             |                          |                       |           |  |  |  |  |
| 03         | OVC       | 060                 |                        | 10.00               |               | 56             | 44        | 50       | 65                      | 13          | 08                       | 29.49                 | 30.19     | 03         | OVC       | 003                 |                        |                     | BR            | 55             | 54        | 54       | 96                      | 0           | 00                       | 29.22                 | 29.91     |  |  |  |  |
| 06         | BKN       | 055                 |                        | 10.00               |               | 53             | 38        | 46       | 57                      | 5           | VR                       | 29.50                 | 30.21     | 06         | OVC       | 003                 |                        |                     | BR            | 53             | 53        | 53       | 100                     | 7           | 36                       | 29.27                 | 29.97     |  |  |  |  |
| 09         | BKN       | 070                 |                        | 10.00               |               | 55             | 39        | 47       | 55                      | 9           | 12                       | 29.47                 | 30.17     | 09         | OVC       | 007                 |                        |                     |               | 52             | 50        | 51       | 93                      | 14          | 36                       | 29.32                 | 30.03     |  |  |  |  |
| 12         | OVC       | 034                 |                        | 10.00               |               | 56             | 47        | 51       | 72                      | 9           | 13                       | 29.44                 | 30.14     | 12         | BKN       | 030                 |                        |                     |               | 61             | 51        | 56       | 70                      | 9           | 36                       | 29.36                 | 30.06     |  |  |  |  |
| 15         | OVC       | 034                 |                        | 10.00               |               | 58             | 47        | 52       | 67                      | 9           | 12                       | 29.37                 | 30.08     | 15         | FEW       | NC                  |                        |                     |               | 64             | 45        | 54       | 50                      | 14          | 34                       | 29.38                 | 30.08     |  |  |  |  |
| 18         | BKN       | 095                 |                        | 10.00               | -RA           | 57             | 48        | 52       | 72                      | 15          | 13                       | 29.35                 | 30.06     | 18         | CLR       | NC                  |                        |                     |               | 58             | 43        | 50       | 58                      | 14          | 36                       | 29.42                 | 30.12     |  |  |  |  |
| 21         | OVC       | 100                 |                        | 10.00               |               | 54             | 51        | 52       | 90                      | 8           | 15                       | 29.36                 | 30.07     | 21         | CLR       | NC                  |                        |                     |               | 49             | 43        | 46       | 80                      | 6           | 01                       | 29.48                 | 30.19     |  |  |  |  |
| 24         | OVC       | 100                 |                        | 10.00               |               | 56             | 50        | 53       | 81                      | 14          | 12                       | 29.31                 | 30.01     | 24         | CLR       | NC                  |                        |                     |               | 46             | 41        | 44       | 83                      | 7           | 36                       | 29.53                 | 30.24     |  |  |  |  |
|            |           |                     |                        |                     | SUNRISE: 0450 | MAY 06         |           |          | SUNSET: 1913            |             |                          |                       |           |            |           |                     |                        |                     | SUNRISE: 0443 | MAY 12         |           |          | SUNSET: 1920            |             |                          |                       |           |  |  |  |  |
| 03         | OVC       | 070                 |                        | 10.00               | -RA           | 57             | 50        | 53       | 78                      | 14          | 13                       | 29.30                 | 29.99     | 03         | CLR       | NC                  |                        |                     |               | 44             | 40        | 42       | 85                      | 5           | 33                       | 29.55                 | 30.26     |  |  |  |  |
| 06         | OVC       | 100                 |                        | 10.00               |               | 55             | 50        | 52       | 83                      | 9           | 13                       | 29.30                 | 30.00     | 06         | CLR       | NC                  |                        |                     |               | 43             | 40        | 42       | 89                      | 7           | 35                       | 29.61                 | 30.33     |  |  |  |  |
| 09         | BKN       | 049                 |                        | 10.00               |               | 61             | 49        | 54       | 65                      | 10          | 13                       | 29.29                 | 29.98     | 09         | CLR       | NC                  |                        |                     |               | 52             | 35        | 44       | 53                      | 5           | VR                       | 29.64                 | 30.35     |  |  |  |  |
| 12         | CLR       | NC                  |                        | 10.00               |               | 72             | 55        | 62       | 55                      | 17          | 15                       | 29.23                 | 29.91     | 12         | CLR       | NC                  |                        |                     |               | 58             | 33        | 46       | 39                      | 5           | VR                       | 29.61                 | 30.33     |  |  |  |  |
| 15         | OVC       | 040                 |                        | 7.00                | RA            | 66             | 59        | 62       | 78                      | 14          | 16                       | 29.21                 | 29.89     | 15         | CLR       | NC                  |                        |                     |               | 63             | 29        | 48       | 28                      | 0           | 00                       | 29.57                 | 30.28     |  |  |  |  |
| 18         | BKN       | 055                 |                        | 10.00               |               | 64             | 58        | 60       | 81                      | 9           | 16                       | 29.19                 | 29.88     | 18         | CLR       | NC                  |                        |                     |               | 63             | 36        | 50       | 37                      | 8           | 19                       | 29.53                 | 30.24     |  |  |  |  |
| 21         | OVC       | 085                 |                        | 10.00               | -RA           | 62             | 60        | 61       | 93                      | 12          | 15                       | 29.20                 | 29.89     | 21         | CLR       | NC                  |                        |                     |               | 53             | 42        | 48       | 66                      | 6           | 12                       | 29.52                 | 30.23     |  |  |  |  |
| 24         | OVC       | 026                 |                        | 10.00               |               | 62             | 60        | 61       | 93                      | 7           | 17                       | 29.17                 | 29.85     | 24         | CLR       | NC                  |                        |                     |               | 48             | 42        | 45       | 80                      | 6           | 12                       | 29.52                 | 30.23     |  |  |  |  |

## OBSERVATIONS AT 3-HOURLY INTERVALS

LA CROSSE, WI

MAY 2001

LSE

WBAN # 14920

| HOUR (LST) |           |                     |                        | SATELLITE                          |                    | WEATHER | TEMPERATURE °F |           |              |             | RELATIVE HUMIDITY (PCT) | WIND                     |         | PRESSURE (INCHES,HG) |           | HOUR (LST) |                     |                        |                                    | SATELLITE          |          | WEATHER | TEMPERATURE °F |          |             |                          | RELATIVE HUMIDITY (PCT) | WIND    |           | PRESSURE (INCHES,HG) |  |
|------------|-----------|---------------------|------------------------|------------------------------------|--------------------|---------|----------------|-----------|--------------|-------------|-------------------------|--------------------------|---------|----------------------|-----------|------------|---------------------|------------------------|------------------------------------|--------------------|----------|---------|----------------|----------|-------------|--------------------------|-------------------------|---------|-----------|----------------------|--|
|            | SKY COVER | CEILING 100'S OF FT | OBSERVATION TIME (LST) | EFF CLD AMT<br><small>Okta</small> | VISIBILITY (MILES) |         | DRY BULB       | DEW POINT | WET BULB     | SPEED (MPH) |                         | DIRECTION<br>TENS OF DEG | STATION | SEA LEVEL            | SKY COVER |            | CEILING 100'S OF FT | OBSERVATION TIME (LST) | EFF CLD AMT<br><small>Okta</small> | VISIBILITY (MILES) | DRY BULB |         | DEW POINT      | WET BULB | SPEED (MPH) | DIRECTION<br>TENS OF DEG |                         | STATION | SEA LEVEL |                      |  |
|            |           |                     |                        |                                    |                    |         |                |           |              |             |                         |                          |         |                      |           |            |                     |                        |                                    |                    |          |         |                |          |             |                          |                         |         |           |                      |  |
|            |           |                     |                        |                                    | SUNRISE: 0442      | MAY 13  |                |           | SUNSET: 1921 |             |                         |                          |         |                      |           |            |                     |                        | SUNRISE: 0435                      | MAY 19             |          |         | SUNSET: 1927   |          |             |                          |                         |         |           |                      |  |
| 03         | CLR       | NC                  |                        |                                    | 10.00              |         | 46             | 43        | 45           | 89          | 6                       | 13                       | 29.52   | 30.23                | 03        | CLR        | NC                  |                        |                                    | 10.00              | 51       | 48      | 50             | 89       | 5           | 13                       | 29.27                   | 29.96   |           |                      |  |
| 06         | CLR       | NC                  |                        |                                    | 10.00              |         | 49             | 45        | 47           | 86          | 6                       | 17                       | 29.52   | 30.23                | 06        | CLR        | NC                  |                        |                                    | 10.00              | 53       | 50      | 51             | 89       | 5           | 12                       | 29.28                   | 29.97   |           |                      |  |
| 09         | CLR       | NC                  |                        |                                    | 10.00              |         | 62             | 49        | 55           | 62          | 9                       | 21                       | 29.50   | 30.20                | 09        | CLR        | NC                  |                        |                                    | 10.00              | 68       | 51      | 58             | 55       | 6           | 19                       | 29.29                   | 29.97   |           |                      |  |
| 12         | CLR       | NC                  |                        |                                    | 10.00              |         | 69             | 49        | 58           | 49          | 15                      | 18                       | 29.47   | 30.18                | 12        | CLR        | NC                  |                        |                                    | 10.00              | 77       | 43      | 58             | 30       | 5           | VR                       | 29.25                   | 29.93   |           |                      |  |
| 15         | CLR       | NC                  |                        |                                    | 10.00              |         | 71             | 51        | 60           | 49          | 14                      | 18                       | 29.44   | 30.14                | 15        | CLR        | NC                  |                        |                                    | 10.00              | 80       | 41      | 59             | 25       | 5           | 24                       | 29.19                   | 29.88   |           |                      |  |
| 18         | CLR       | NC                  |                        |                                    | 10.00              |         | 67             | 51        | 58           | 57          | 14                      | 20                       | 29.41   | 30.12                | 18        | CLR        | NC                  |                        |                                    | 10.00              | 78       | 46      | 60             | 32       | 5           | 12                       | 29.16                   | 29.84   |           |                      |  |
| 21         | CLR       | NC                  |                        |                                    | 10.00              |         | 58             | 50        | 54           | 75          | 7                       | 16                       | 29.41   | 30.11                | 21        | CLR        | NC                  |                        |                                    | 10.00              | 71       | 48      | 58             | 44       | 6           | 16                       | 29.14                   | 29.82   |           |                      |  |
| 24         | CLR       | NC                  |                        |                                    | 10.00              |         | 57             | 48        | 52           | 72          | 8                       | 16                       | 29.38   | 30.08                | 24        | FEW        | NC                  |                        |                                    | 10.00              | 69       | 50      | 58             | 51       | 7           | 20                       | 29.16                   | 29.83   |           |                      |  |
|            |           |                     |                        |                                    | SUNRISE: 0440      | MAY 14  |                |           | SUNSET: 1922 |             |                         |                          |         |                      |           |            |                     |                        | SUNRISE: 0434                      | MAY 20             |          |         | SUNSET: 1929   |          |             |                          |                         |         |           |                      |  |
| 03         | BKN       | 048                 |                        |                                    | 10.00              |         | 58             | 47        | 52           | 67          | 12                      | 16                       | 29.33   | 30.02                | 03        | OVC        | 095                 |                        |                                    | 10.00              | 65       | 47      | 55             | 52       | 10          | 16                       | 29.11                   | 29.78   |           |                      |  |
| 06         | OVC       | 042                 |                        |                                    | 10.00              |         | 61             | 50        | 55           | 67          | 15                      | 16                       | 29.28   | 29.96                | 06        | OVC        | 100                 |                        |                                    | 10.00              | 64       | 45      | 54             | 50       | 8           | 19                       | 29.10                   | 29.78   |           |                      |  |
| 09         | BKN       | 023                 |                        |                                    | 10.00              |         | 65             | 57        | 60           | 76          | 18                      | 18                       | 29.22   | 29.91                | 09        | CLR        | NC                  |                        |                                    | 10.00              | 67       | 42      | 54             | 41       | 6           | 13                       | 29.06                   | 29.74   |           |                      |  |
| 12         | BKN       | 033                 |                        |                                    | 10.00              |         | 73             | 62        | 66           | 69          | 15                      | 17                       | 29.19   | 29.88                | 12        | CLR        | NC                  |                        |                                    | 10.00              | 74       | 56      | 63             | 54       | 6           | VR                       | 29.00                   | 29.67   |           |                      |  |
| 15         | CLR       | NC                  |                        |                                    | 10.00              |         | 82             | 65        | 71           | 56          | 17                      | 19                       | 29.07   | 29.75                | 15        | SCT        | NC                  |                        |                                    | 10.00              | 72       | 63      | 66             | 73       | 8           | 14                       | 28.92                   | 29.60   |           |                      |  |
| 18         | CLR       | NC                  |                        |                                    | 10.00              |         | 87             | 63        | 71           | 45          | 10                      | 20                       | 29.01   | 29.68                | 18        | BKN        | 060                 |                        |                                    | 10.00              | 69       | 60      | 64             | 73       | 15          | 13                       | 28.86                   | 29.54   |           |                      |  |
| 21         | CLR       | NC                  |                        |                                    | 10.00              |         | 79             | 63        | 69           | 58          | 12                      | 19                       | 29.02   | 29.70                | 21        | OVC        | 100                 |                        |                                    | 10.00              | 63       | 60      | 61             | 90       | 15          | 15                       | 28.86                   | 29.55   |           |                      |  |
| 24         | CLR       | NC                  |                        |                                    | 10.00              |         | 74             | 65        | 68           | 74          | 15                      | 21                       | 28.97   | 29.64                | 24        | OVC        | 095                 |                        |                                    | 6.00               | 62       | 61      | 61             | 96       | 3           | 04                       | 28.79                   | 29.46   |           |                      |  |
|            |           |                     |                        |                                    | SUNRISE: 0439      | MAY 15  |                |           | SUNSET: 1923 |             |                         |                          |         |                      |           |            |                     |                        | SUNRISE: 0433                      | MAY 21             |          |         | SUNSET: 1930   |          |             |                          |                         |         |           |                      |  |
| 03         | CLR       | NC                  |                        |                                    | 10.00              |         | 75             | 61        | 66           | 62          | 16                      | 22                       | 28.91   | 29.58                | 03        | OVC        | 011                 |                        |                                    | 7.00               | 62       | 60      | 61             | 93       | 7           | 12                       | 28.67                   | 29.34   |           |                      |  |
| 06         | CLR       | NC                  |                        |                                    | 10.00              |         | 71             | 62        | 65           | 73          | 9                       | 16                       | 28.93   | 29.59                | 06        | OVC        | 006                 |                        |                                    | 5.00               | 60       | 59      | 59             | 96       | 13          | 31                       | 28.70                   | 29.37   |           |                      |  |
| 09         | CLR       | NC                  |                        |                                    | 10.00              |         | 79             | 65        | 70           | 62          | 14                      | 21                       | 28.92   | 29.58                | 09        | OVC        | 012                 |                        |                                    | 10.00              | 56       | 52      | 54             | 87       | 16          | 32                       | 28.75                   | 29.42   |           |                      |  |
| 12         | CLR       | NC                  |                        |                                    | 10.00              |         | 87             | 68        | 74           | 53          | 14                      | 18                       | 28.87   | 29.53                | 12        | OVC        | 060                 |                        |                                    | 10.00              | 61       | 48      | 54             | 63       | 15          | 31                       | 28.78                   | 29.45   |           |                      |  |
| 15         | CLR       | NC                  |                        |                                    | 10.00              |         | 90             | 68        | 75           | 49          | 20                      | 20                       | 28.82   | 29.48                | 15        | FEW        | NC                  |                        |                                    | 10.00              | 62       | 43      | 52             | 50       | 16          | 30                       | 28.81                   | 29.48   |           |                      |  |
| 18         | CLR       | NC                  |                        |                                    | 10.00              |         | 88             | 65        | 72           | 46          | 9                       | 20                       | 28.79   | 29.45                | 18        | BKN        | 050                 |                        |                                    | 10.00              | 61       | 47      | 53             | 60       | 20          | 29                       | 28.81                   | 29.49   |           |                      |  |
| 21         | CLR       | NC                  |                        |                                    | 10.00              |         | 83             | 66        | 72           | 57          | 16                      | 20                       | 28.81   | 29.47                | 21        | OVC        | 043                 |                        |                                    | 10.00              | 54       | 45      | 49             | 72       | 23          | 27                       | 28.86                   | 29.56   |           |                      |  |
| 24         | CLR       | NC                  |                        |                                    | 10.00              |         | 79             | 64        | 69           | 60          | 10                      | 29                       | 28.81   | 29.47                | 24        | OVC        | 042                 |                        |                                    | 10.00              | 51       | 43      | 47             | 74       | 14          | 27                       | 28.84                   | 29.54   |           |                      |  |
|            |           |                     |                        |                                    | SUNRISE: 0438      | MAY 16  |                |           | SUNSET: 1924 |             |                         |                          |         |                      |           |            |                     |                        | SUNRISE: 0433                      | MAY 22             |          |         | SUNSET: 1931   |          |             |                          |                         |         |           |                      |  |
| 03         | CLR       | NC                  |                        |                                    | 10.00              |         | 71             | 55        | 62           | 57          | 12                      | 35                       | 28.88   | 29.54                | 03        | OVC        | 033                 |                        |                                    | 10.00              | 49       | 43      | 46             | 80       | 13          | 26                       | 28.82                   | 29.51   |           |                      |  |
| 06         | CLR       | NC                  |                        |                                    | 10.00              |         | 67             | 53        | 59           | 61          | 8                       | 35                       | 28.96   | 29.62                | 06        | OVC        | 046                 |                        |                                    | 10.00              | 48       | 43      | 46             | 83       | 14          | 27                       | 28.85                   | 29.54   |           |                      |  |
| 09         | CLR       | NC                  |                        |                                    | 10.00              |         | 74             | 52        | 61           | 46          | 10                      | 03                       | 29.00   | 29.66                | 09        | OVC        | 028                 |                        |                                    | 10.00              | 48       | 43      | 46             | 83       | 13          | 26                       | 28.86                   | 29.57   |           |                      |  |
| 12         | CLR       | NC                  |                        |                                    | 10.00              |         | 80             | 49        | 62           | 34          | 7                       | 31                       | 28.99   | 29.66                | 12        | BKN        | 035                 |                        |                                    | 10.00              | 53       | 43      | 48             | 69       | 17          | 27                       | 28.86                   | 29.56   |           |                      |  |
| 15         | CLR       | NC                  |                        |                                    | 10.00              |         | 83             | 47        | 62           | 28          | 13                      | 34                       | 28.95   | 29.62                | 15        | BKN        | 039                 |                        |                                    | 10.00              | 51       | 44      | 48             | 77       | 18          | 30                       | 28.89                   | 29.59   |           |                      |  |
| 18         | FEW       | NC                  |                        |                                    | 10.00              |         | 76             | 50        | 61           | 40          | 18                      | 34                       | 28.96   | 29.64                | 18        | BKN        | 043                 |                        |                                    | 10.00              | 50       | 41      | 46             | 71       | 12          | 27                       | 28.93                   | 29.64   |           |                      |  |
| 21         | FEW       | NC                  |                        |                                    | 10.00              |         | 65             | 49        | 56           | 56          | 3                       | 34                       | 29.01   | 29.69                | 21        | OVC        | 110                 |                        |                                    | 10.00              | 45       | 41      | 43             | 86       | 6           | 24                       | 28.94                   | 29.65   |           |                      |  |
| 24         | CLR       | NC                  |                        |                                    | 10.00              |         | 62             | 51        | 56           | 67          | 6                       | 14                       | 29.02   | 29.69                | 24        | OVC        | 110                 |                        |                                    | 10.00              | 45       | 40      | 43             | 83       | 12          | 23                       | 28.89                   | 29.59   |           |                      |  |
|            |           |                     |                        |                                    | SUNRISE: 0437      | MAY 17  |                |           | SUNSET: 1925 |             |                         |                          |         |                      |           |            |                     |                        | SUNRISE: 0432                      | MAY 23             |          |         | SUNSET: 1932   |          |             |                          |                         |         |           |                      |  |
| 03         | CLR       | NC                  |                        |                                    | 10.00              |         | 56             | 52        | 54           | 87          | 3                       | 03                       | 28.99   | 29.67                | 03        | OVC        | 070                 |                        |                                    | 10.00              | 44       | 39      | 42             | 83       | 7           | 23                       | 28.84                   | 29.55   |           |                      |  |
| 06         | CLR       | NC                  |                        |                                    | 10.00              |         | 58             | 54        | 56           | 87          | 0                       | 00                       | 29.05   | 29.74                | 06        | BKN        | 070                 |                        |                                    | 10.00              | 43       | 37      | 40             | 80       | 12          | 25                       | 28.83                   | 29.54   |           |                      |  |
| 09         | CLR       | NC                  |                        |                                    | 10.00              |         | 72             | 55        | 62           | 55          | 0                       | 00                       | 29.06   | 29.73                | 09        | BKN        | 027                 |                        |                                    | 10.00              | 46       | 39      | 43             | 77       | 12          | 23                       | 28.81                   | 29.52   |           |                      |  |
| 12         | CLR       | NC                  |                        |                                    | 10.00              |         | 79             | 52        | 63           | 39          | 12                      | 33                       | 29.07   | 29.74                | 12        | BKN        | 045                 |                        |                                    | 10.00              | 48       | 38      | 43             | 68       | 17          | 23                       | 28.84                   | 29.55   |           |                      |  |
| 15         | FEW       | NC                  |                        |                                    | 10.00              |         | 77             | 51        | 62           | 40          | 10                      | 33                       | 29.08   | 29.76                | 15        | BKN        | 041                 |                        |                                    | 10.00              | 48       | 43      | 46             | 83       | 6           | 09                       | 28.87                   | 29.58   |           |                      |  |
| 18         | BKN       | 100                 |                        |                                    | 10.00              |         | 76             | 50        | 61           | 40          | 10                      | 32                       | 29.07   | 29.75                | 18        | BKN        | 065                 |                        |                                    | 10.00              | 47       | 42      | 45             | 83       | 0           | 00                       | 28.91                   | 29.62   |           |                      |  |
| 21         | CLR       | NC                  |                        |                                    | 10.00              |         | 63             | 46        | 54           | 54          | 3                       | 32                       | 29.13   | 29.81                | 21        | OVC        | 070                 |                        |                                    | 10.00              | 45       | 43      | 44             | 93       | 0           | 00                       | 28.96                   | 29.67   |           |                      |  |
| 24         | CLR       | NC                  |                        |                                    | 10.00              |         | 56             | 48        | 52           | 75          | 0                       | 00                       | 29.16   | 29.84                | 24        | OVC        | 050                 |                        |                                    | 10.00              | 45       | 43      | 44             | 93       | 0           | 00                       | 28.97                   | 29.68   |           |                      |  |
|            |           |                     |                        |                                    | SUNRISE: 0436      | MAY 18  |                |           | SUNSET: 1926 |             |                         |                          |         |                      |           |            |                     |                        | SUNRISE: 0431                      | MAY 24             |          |         | SUNSET: 1933   |          |             |                          |                         |         |           |                      |  |
| 03         | CLR       | NC                  |                        |                                    | 10.00              |         | 53             | 47        | 50           | 80          | 3                       | 36                       | 29.18   | 29.87                | 03        | FEW        | NC                  |                        |                                    | 10.00              | 43       | 41      | 42             | 93       | 3           | 07                       | 28.99                   | 29.70   |           |                      |  |
| 06         | CLR       | NC                  |                        |                                    | 10.00              |         | 53             | 48        | 50           | 83          | 3                       | 02                       | 29.25   | 29.94                | 06        | OVC        | 008                 |                        |                                    | 10.00              | 44       | 42      | 43             | 93       | 0           | 00                       | 29.05                   | 29.77   |           |                      |  |
| 09         | CLR       | NC                  |                        |                                    | 10.00              |         | 67             | 45        | 55           | 45          | 3                       | VR                       | 29.27   | 29.96                | 09        | BKN        | 021                 |                        |                                    | 10.00              | 50       | 44      | 47             | 80       | 7           | 06                       | 29.08                   | 29.79   |           |                      |  |
| 12         | CLR       | NC                  |                        |                                    | 10.00              |         | 73             | 43        | 57           | 34          | 3                       | 08                       | 29.26   | 29.95                | 12        | OVC        | 055                 |                        |                                    |                    |          |         |                |          |             |                          |                         |         |           |                      |  |

## LA CROSSE, WI

MAY 2001

LSE

WBAN # 14920

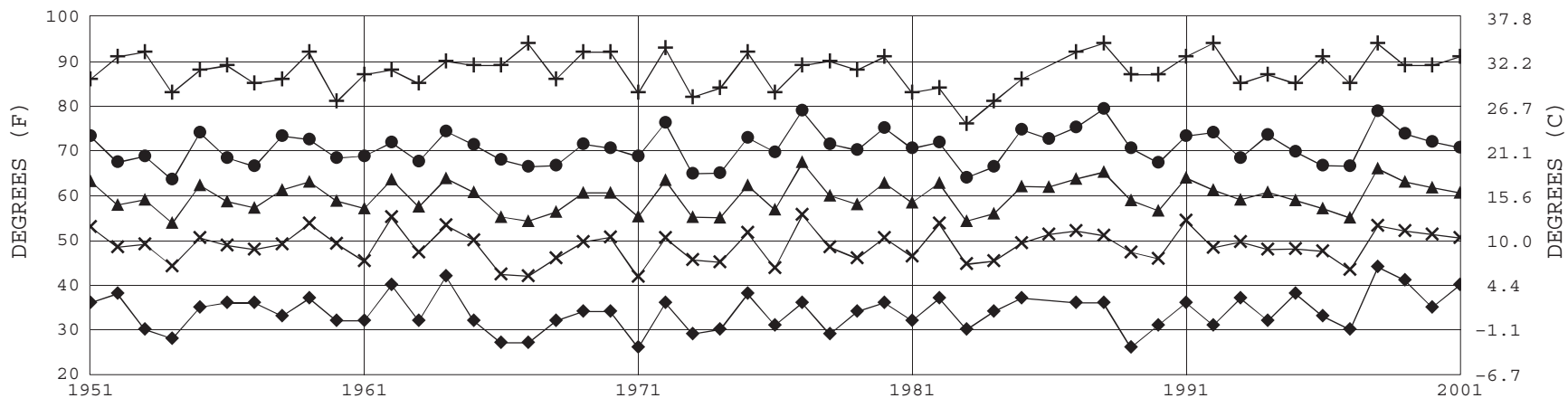
| Hour (LST)  |            |                   | Satellite              |                   | Weather  | Temperature °F     |                      |           | Relative Humidity (Pct) | Wind             |                      | Pressure (Inches,Hg)  |         | Hour (LST) |           |           | Satellite         |                        | Weather | Temperature °F    |                    |          | Relative Humidity (Pct) | Wind      |          | Pressure (Inches,Hg) |                       |         |           |
|---|------------|-------------------|------------------------|-------------------|----------|--------------------|----------------------|-----------|-------------------------|------------------|----------------------|-----------------------|---------|------------|-----------|-----------|-------------------|------------------------|---------|-------------------|--------------------|----------|-------------------------|-----------|----------|----------------------|-----------------------|---------|-----------|
|   | Sky Cover  | Ceiling 100's Off | Observation Time (LST) | Eff ClD AMT Ockas |          | Visibility (Miles) | Dry Bulb             | Dew Point |                         | Wet Bulb         | Speed (MPH)          | Direction Tens of Deg | Station |            | Sea Level | Sky Cover | Ceiling 100's Off | Observation Time (LST) |         | Eff ClD AMT Ockas | Visibility (Miles) | Dry Bulb |                         | Dew Point | Wet Bulb | Speed (MPH)          | Direction Tens of Deg | Station | Sea Level |
|   |            |                   |                        |                   |          |                    |                      |           |                         |                  |                      |                       |         |            |           |           |                   |                        |         |                   |                    |          |                         |           |          |                      |                       |         |           |
| 03  | OVC        | 014               |                        |                   | 10.00    | -RA                | 50                   | 48        | 49                      | 93               | 5                    | 04                    | 29.10   | 29.80      | 03        | CLR       | NC                |                        |         | 10.00             | 49                 | 44       | 47                      | 83        | 8        | 11                   | 29.38                 | 30.09   |           |
| 06  | OVC        | 019               |                        |                   | 10.00    |                    | 50                   | 48        | 49                      | 93               | 6                    | 03                    | 29.12   | 29.82      | 06        | CLR       | NC                |                        |         | 10.00             | 50                 | 40       | 45                      | 68        | 3        | 16                   | 29.39                 | 30.10   |           |
| 09  | OVC        | 025               |                        |                   | 10.00    |                    | 54                   | 48        | 51                      | 80               | 3                    | VR                    | 29.10   | 29.80      | 09        | CLR       | NC                |                        |         | 10.00             | 61                 | 36       | 49                      | 39        | 8        | 12                   | 29.36                 | 30.06   |           |
| 12  | OVC        | 070               |                        |                   | 10.00    |                    | 59                   | 46        | 52                      | 62               | 0                    | 00                    | 29.08   | 29.78      | 12        | CLR       | NC                |                        |         | 10.00             | 65                 | 35       | 50                      | 33        | 14       | 11                   | 29.30                 | 30.00   |           |
| 15  | CLR        | NC                |                        |                   | 10.00    |                    | 62                   | 45        | 53                      | 54               | 6                    | VR                    | 29.06   | 29.76      | 15        | CLR       | NC                |                        |         | 10.00             | 63                 | 28       | 47                      | 27        | 12       | 10                   | 29.22                 | 29.92   |           |
| 18  | FEW        | NC                |                        |                   | 10.00    |                    | 61                   | 46        | 53                      | 58               | 7                    | 23                    | 29.05   | 29.75      | 18        | OVC       | 060               |                        |         | 10.00             | 60                 | 32       | 47                      | 35        | 8        | 04                   | 29.19                 | 29.89   |           |
| 21  | OVC        | 090               |                        |                   | 10.00    |                    | 54                   | 50        | 52                      | 87               | 3                    | 01                    | 29.06   | 29.76      | 21        |           |                   |                        |         |                   |                    |          |                         |           |          |                      |                       |         |           |
| 24  | FEW        | NC                |                        |                   | 10.00    |                    | 49                   | 48        | 48                      | 97               | 5                    | 12                    | 29.04   | 29.74      | 24        |           |                   |                        |         |                   |                    |          |                         |           |          |                      |                       |         |           |
| 3-Hourly Observation Notes  |            |                   |                        |                   |          |                    |                      |           |                         |                  |                      |                       |         |            |           |           |                   |                        |         |                   |                    |          |                         |           |          |                      |                       |         |           |
| Sky Cover is the amount of the sky obscured. CLR or SKC = 0, FEW = 1/8-2/8, SCT = 3/8-4/8, BKN = 5/8-7/8, OVC = 8/8, VV = Vertical Visibility = 8/8. Ceiling is reported in hundreds of feet above ground level for clouds at or below 12,000 feet. NC= No ceiling detected. & = Original observation contained additional weather elements. See page 3 for additional notes. |            |                   |                        |                   |          |                    |                      |           |                         |                  |                      |                       |         |            |           |           |                   |                        |         |                   |                    |          |                         |           |          |                      |                       |         |           |
| Summary by Hour   |            |                   |                        |                   |          |                    |                      |           |                         |                  |                      |                       |         |            |           |           |                   |                        |         |                   |                    |          |                         |           |          |                      |                       |         |           |
| Hour (LST)  | Ceilometer | Eff ClD AMT       | Dry Bulb               | Dew Point         | Wet Bulb | Relative Humidity  | Pressure (Inches,Hg) |           | Visibility (Miles)      | Wind Speed (MPH) | Resultant Wind (MPH) |                       |         |            |           |           |                   |                        |         |                   |                    |          |                         |           |          |                      |                       |         |           |
|   |            |                   |                        |                   |          |                    | Station              | Sea Level |                         |                  | Speed                | Direction             |         |            |           |           |                   |                        |         |                   |                    |          |                         |           |          |                      |                       |         |           |
| 01  |            |                   | 55                     | 49                | 52       | 82                 | 29.19                | 29.88     | 9.59                    | 7                | 1                    | 18                    |         |            |           |           |                   |                        |         |                   |                    |          |                         |           |          |                      |                       |         |           |
| 02  |            |                   | 54                     | 49                | 51       | 84                 | 29.18                | 29.87     | 9.42                    | 8                | 2                    | 16                    |         |            |           |           |                   |                        |         |                   |                    |          |                         |           |          |                      |                       |         |           |
| 03  |            |                   | 54                     | 48                | 51       | 83                 | 29.18                | 29.87     | 9.22                    | 7                | 2                    | 16                    |         |            |           |           |                   |                        |         |                   |                    |          |                         |           |          |                      |                       |         |           |
| 04  |            |                   | 53                     | 48                | 50       | 84                 | 29.19                | 29.88     | 9.62                    | 7                | 2                    | 15                    |         |            |           |           |                   |                        |         |                   |                    |          |                         |           |          |                      |                       |         |           |
| 05  |            |                   | 52                     | 47                | 50       | 84                 | 29.20                | 29.88     | 9.34                    | 7                | 1                    | 17                    |         |            |           |           |                   |                        |         |                   |                    |          |                         |           |          |                      |                       |         |           |
| 06  |            |                   | 53                     | 48                | 50       | 82                 | 29.21                | 29.90     | 9.38                    | 7                | 1                    | 19                    |         |            |           |           |                   |                        |         |                   |                    |          |                         |           |          |                      |                       |         |           |
| 07  |            |                   | 55                     | 48                | 51       | 77                 | 29.21                | 29.91     | 9.66                    | 7                | 0                    | 0                     |         |            |           |           |                   |                        |         |                   |                    |          |                         |           |          |                      |                       |         |           |
| 08  |            |                   | 58                     | 48                | 53       | 71                 | 29.22                | 29.91     | 9.62                    | 7                | 1                    | 25                    |         |            |           |           |                   |                        |         |                   |                    |          |                         |           |          |                      |                       |         |           |
| 09  |            |                   | 60                     | 48                | 54       | 66                 | 29.22                | 29.91     | 9.76                    | 8                | 2                    | 22                    |         |            |           |           |                   |                        |         |                   |                    |          |                         |           |          |                      |                       |         |           |
| 10  |            |                   | 62                     | 48                | 55       | 63                 | 29.21                | 29.91     | 9.97                    | 9                | 1                    | 16                    |         |            |           |           |                   |                        |         |                   |                    |          |                         |           |          |                      |                       |         |           |
| 11  |            |                   | 65                     | 48                | 56       | 57                 | 29.21                | 29.91     | 9.76                    | 10               | 2                    | 25                    |         |            |           |           |                   |                        |         |                   |                    |          |                         |           |          |                      |                       |         |           |
| 12  |            |                   | 66                     | 48                | 56       | 54                 | 29.20                | 29.90     | 9.79                    | 11               | 2                    | 27                    |         |            |           |           |                   |                        |         |                   |                    |          |                         |           |          |                      |                       |         |           |
| 13  |            |                   | 67                     | 48                | 56       | 52                 | 29.19                | 29.89     | 9.83                    | 12               | 2                    | 27                    |         |            |           |           |                   |                        |         |                   |                    |          |                         |           |          |                      |                       |         |           |
| 14  |            |                   | 68                     | 47                | 57       | 51                 | 29.19                | 29.88     | 9.93                    | 10               | 1                    | 28                    |         |            |           |           |                   |                        |         |                   |                    |          |                         |           |          |                      |                       |         |           |
| 15  |            |                   | 68                     | 48                | 57       | 52                 | 29.18                | 29.87     | 9.89                    | 11               | 1                    | 34                    |         |            |           |           |                   |                        |         |                   |                    |          |                         |           |          |                      |                       |         |           |
| 16  |            |                   | 68                     | 48                | 57       | 53                 | 29.17                | 29.86     | 9.79                    | 10               | 1                    | 34                    |         |            |           |           |                   |                        |         |                   |                    |          |                         |           |          |                      |                       |         |           |
| 17  |            |                   | 67                     | 48                | 56       | 54                 | 29.16                | 29.86     | 9.75                    | 9                | 1                    | 3                     |         |            |           |           |                   |                        |         |                   |                    |          |                         |           |          |                      |                       |         |           |
| 18  |            |                   | 65                     | 48                | 56       | 57                 | 29.16                | 29.86     | 10.00                   | 10               | 1                    | 34                    |         |            |           |           |                   |                        |         |                   |                    |          |                         |           |          |                      |                       |         |           |
| 19  |            |                   | 63                     | 49                | 56       | 64                 | 29.17                | 29.86     | 9.93                    | 9                | 1                    | 31                    |         |            |           |           |                   |                        |         |                   |                    |          |                         |           |          |                      |                       |         |           |
| 20  |            |                   | 61                     | 49                | 54       | 68                 | 29.19                | 29.88     | 9.90                    | 7                | 1                    | 15                    |         |            |           |           |                   |                        |         |                   |                    |          |                         |           |          |                      |                       |         |           |
| 21  |            |                   | 59                     | 49                | 54       | 74                 | 29.19                | 29.89     | 9.93                    | 6                | 1                    | 17                    |         |            |           |           |                   |                        |         |                   |                    |          |                         |           |          |                      |                       |         |           |
| 22  |            |                   | 57                     | 50                | 53       | 78                 | 29.20                | 29.89     | 9.72                    | 6                | 2                    | 16                    |         |            |           |           |                   |                        |         |                   |                    |          |                         |           |          |                      |                       |         |           |
| 23  |            |                   | 56                     | 50                | 53       | 81                 | 29.19                | 29.88     | 9.62                    | 7                | 3                    | 17                    |         |            |           |           |                   |                        |         |                   |                    |          |                         |           |          |                      |                       |         |           |
| 24  |            |                   | 56                     | 50                | 52       | 81                 | 29.19                | 29.88     | 9.72                    | 7                | 2                    | 17                    |         |            |           |           |                   |                        |         |                   |                    |          |                         |           |          |                      |                       |         |           |

## SUMMARY BY HOUR

| HOUR (LST) | AVERAGES   |             |          |           |          |                   |                       |           |                    |                  | RESULTANT  |           |
|------------|------------|-------------|----------|-----------|----------|-------------------|-----------------------|-----------|--------------------|------------------|------------|-----------|
|            | CEILOMETER | EFF CLD AMT | DRY BULB | DEW POINT | WET BULB | RELATIVE HUMIDITY | PRESSURE (INCHES, HG) |           | VISIBILITY (MILES) | WIND SPEED (MPH) | WIND (MPH) |           |
|            |            |             |          |           |          |                   | STATION               | SEA LEVEL |                    |                  | SPEED      | DIRECTION |
|            |            |             |          |           |          |                   |                       |           |                    |                  |            |           |
| 01         |            |             | 55       | 49        | 52       | 82                | 29.19                 | 29.88     | 9.59               | 7                | 1          | 18        |
| 02         |            |             | 54       | 49        | 51       | 84                | 29.18                 | 29.87     | 9.42               | 8                | 2          | 16        |
| 03         |            |             | 54       | 48        | 51       | 83                | 29.18                 | 29.87     | 9.22               | 7                | 2          | 16        |
| 04         |            |             | 53       | 48        | 50       | 84                | 29.19                 | 29.88     | 9.62               | 7                | 2          | 15        |
| 05         |            |             | 52       | 47        | 50       | 84                | 29.20                 | 29.88     | 9.34               | 7                | 1          | 17        |
| 06         |            |             | 53       | 48        | 50       | 82                | 29.21                 | 29.90     | 9.38               | 7                | 1          | 19        |
| 07         |            |             | 55       | 48        | 51       | 77                | 29.21                 | 29.91     | 9.66               | 7                | 0          | 0         |
| 08         |            |             | 58       | 48        | 53       | 71                | 29.22                 | 29.91     | 9.62               | 7                | 1          | 25        |
| 09         |            |             | 60       | 48        | 54       | 66                | 29.22                 | 29.91     | 9.76               | 8                | 2          | 22        |
| 10         |            |             | 62       | 48        | 55       | 63                | 29.21                 | 29.91     | 9.97               | 9                | 1          | 16        |
| 11         |            |             | 65       | 48        | 56       | 57                | 29.21                 | 29.91     | 9.76               | 10               | 2          | 25        |
| 12         |            |             | 66       | 48        | 56       | 54                | 29.20                 | 29.90     | 9.79               | 11               | 2          | 27        |
| 13         |            |             | 67       | 48        | 56       | 52                | 29.19                 | 29.89     | 9.83               | 12               | 2          | 27        |
| 14         |            |             | 68       | 47        | 57       | 51                | 29.19                 | 29.88     | 9.93               | 10               | 1          | 28        |
| 15         |            |             | 68       | 48        | 57       | 52                | 29.18                 | 29.87     | 9.89               | 11               | 1          | 34        |
| 16         |            |             | 68       | 48        | 57       | 53                | 29.17                 | 29.86     | 9.79               | 10               | 1          | 34        |
| 17         |            |             | 67       | 48        | 56       | 54                | 29.16                 | 29.86     | 9.75               | 9                | 1          | 3         |
| 18         |            |             | 65       | 48        | 56       | 57                | 29.16                 | 29.86     | 10.00              | 10               | 1          | 34        |
| 19         |            |             | 63       | 49        | 56       | 64                | 29.17                 | 29.86     | 9.93               | 9                | 1          | 31        |
| 20         |            |             | 61       | 49        | 54       | 68                | 29.19                 | 29.88     | 9.90               | 7                | 1          | 15        |
| 21         |            |             | 59       | 49        | 54       | 74                | 29.19                 | 29.89     | 9.93               | 6                | 1          | 17        |
| 22         |            |             | 57       | 50        | 53       | 78                | 29.20                 | 29.89     | 9.72               | 6                | 2          | 16        |
| 23         |            |             | 56       | 50        | 53       | 81                | 29.19                 | 29.88     | 9.62               | 7                | 3          | 17        |
| 24         |            |             | 56       | 50        | 52       | 81                | 29.19                 | 29.88     | 9.72               | 7                | 2          | 17        |



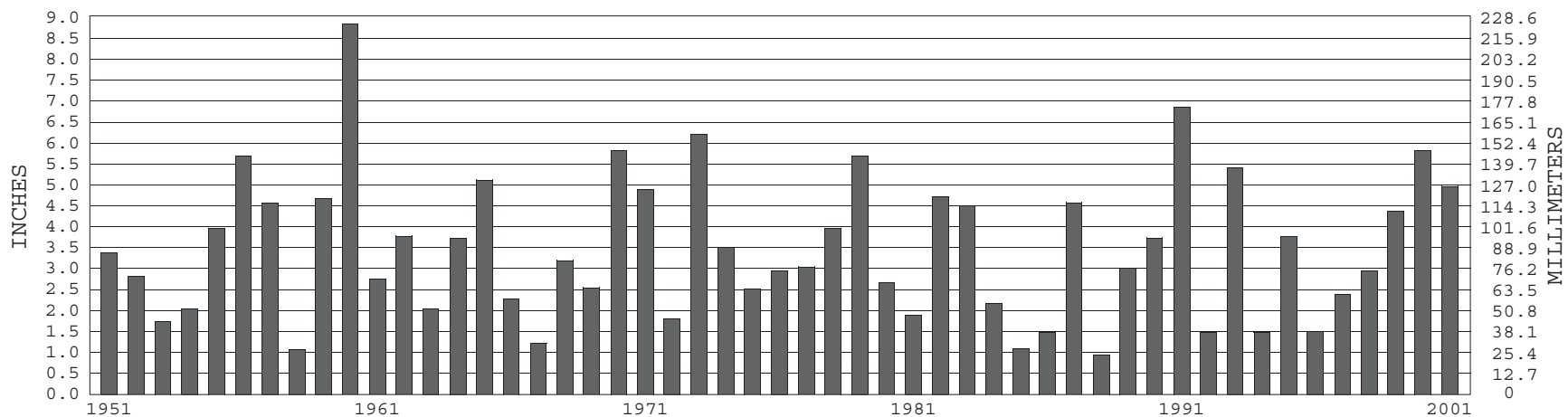
# LA CROSSE, WI MAY TEMPERATURES



+ Extreme Max.    ● Mean Max.    ▲ Mean    × Mean Min.    ◆ Extreme Min.

Long-Term (1951-2001) Mean: 59.8    1961-1990 Normal: 59.5

# LA CROSSE, WI MAY PRECIPITATION



Long-Term (1951-2001) Mean Monthly Total: 3.48

1961-1990 Normal: 3.26



MAY 2001  
LA CROSSE, WI

## LOCAL CLIMATOLOGICAL DATA

NOAA, National Climatic Data Center

*I certify that this is an official publication of the National Oceanic and Atmospheric Administration (NOAA). It is compiled using information from weather observing sites operated by NOAA – National Weather Service / Department Of Transportation – Federal Aviation Administration and received at the National Climatic Data Center (NCDC), Asheville, North Carolina 28801.*

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