



MARCH 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 BASE 65° | | WEATHER | SNOW/ICE ON GND (IN) | | PRECIPITATION (INCHES) | | PRESSURE (INCHES OF HG) | | WIND SPEED = MPH DIR = TENS OF DEGREES | | | | | | | | DATE | | | | | | | | | | | | | | |
|---------------------------|----------------|---------|---------|--------------------|-------------------|---------------------|----------------------|---------|---|-------------------------|--------------------|---------------------------|-------------|----------------------------|-------------------------|---|-----------------------------------|------------------|---------|-----|-------|---------------------|----|------|--|--|-------|--|--|--|--|--|--|--|--|--|--|--|
| | MAXIMUM | MINIMUM | AVERAGE | DEP FROM NORMAL | AVERAGE DEW PT | AVERAGE WET BULB | HEATING | COOLING | | 0600 LST | 1200 LST | 2400 LST | 2400 LST | AVERAGE STATION | AVERAGE SEA LEVEL | RESULTANT SPEED | RES DIR | AVERAGE 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 | 37 | 16 | 27 | 1 | 18 | 23 | 38 | 0 | | 9 | | 0.0 | 0.00 | 29.13 | 29.88 | 8.3 | 21 | 8.9 | 24 | 22 | 18 | 23 | 01 | | | | | | | | | | | | | | | |
| 02 | 39 | 23 | 31 | 5 | 24 | 28 | 34 | 0 | BR HZ | 8 | | 0.0 | 0.00 | 29.04 | 29.78 | 3.5 | 29 | 5.0 | 13 | 33 | 12 | 32 | 02 | | | | | | | | | | | | | | | |
| 03 | 41 | 18 | 30 | 3 | 22 | 27 | 35 | 0 | FG+ FZFG BR HZ | 8 | | 0.0 | 0.00 | 29.16 | 29.90 | 2.4 | 35 | 3.1 | 18 | 02 | 15 | 02 | 03 | | | | | | | | | | | | | | | |
| 04 | 29 | 15 | 22 | -5 | 14 | 20 | 43 | 0 | SN | 7 | | T | T | 29.40 | 30.15 | 9.3 | 35 | 10.1 | 25 | 03 | 21 | 03 | 04 | | | | | | | | | | | | | | | |
| 05 | 26 | 14 | 20 | -7 | 10 | 18 | 45 | 0 | | 7 | | 0.0 | 0.00 | 29.55 | 30.31 | 11.7 | 35 | 11.9 | 25 | 34 | 21 | 34 | 05 | | | | | | | | | | | | | | | |
| 06 | 33 | 13 | 23 | -5 | 13 | 20 | 42 | 0 | | 7 | | 0.0 | 0.00 | 29.58 | 30.34 | 6.0 | 34 | 6.7 | 16 | 34 | 14 | 34 | 06 | | | | | | | | | | | | | | | |
| 07 | 31 | 18 | 25 | -3 | 19 | 24 | 40 | 0 | | 6 | | 0.0 | 0.00 | 29.39 | 30.14 | 6.6 | 29 | 7.4 | 21 | 28 | 18 | 27 | 07 | | | | | | | | | | | | | | | |
| 08 | 32 | 24 | 28 | -1 | 20 | 26 | 37 | 0 | SN | 6 | | T | T | 29.29 | 30.03 | 13.2 | 33 | 13.4 | 25 | 34 | 22 | 34 | 08 | | | | | | | | | | | | | | | |
| 09 | 34 | 20 | 27 | -2 | 19 | 25 | 38 | 0 | | 6 | | 0.0 | 0.00 | 29.39 | 30.13 | 3.4 | 30 | 5.8 | 13 | 32 | 10 | 33 | 09 | | | | | | | | | | | | | | | |
| 10 | 35 | 21 | 28 | -2 | 24 | 28 | 37 | 0 | RA BR UP HZ | 5 | | T | T | 29.17 | 29.91 | 2.3 | 22 | 10.2 | 23 | 19 | 18 | 34 | 10 | | | | | | | | | | | | | | | |
| 11 | 36 | 18 | 27 | -3 | 19 | 26 | 38 | 0 | | 5 | | 0.0 | 0.00 | 29.35 | 30.10 | 2.4 | 08 | 7.5 | 17 | 13 | 15 | 13 | 11 | | | | | | | | | | | | | | | |
| 12 | 37 | 26 | 32 | 1 | 28 | 30 | 33 | 0 | SN FG+ FZFG BR HZ | 9 | | 7.5 | 0.70 | 28.86 | 29.59 | 3.7 | 19 | 10.0 | 24 | 29 | 20 | 30 | 12 | | | | | | | | | | | | | | | |
| 13 | 37 | 28 | 33 | 2 | 25 | 29 | 32 | 0 | SN HZ | 10 | | T | T | 28.86 | 29.59 | 9.4 | 31 | 10.4 | 28 | 28 | 23 | 34 | 13 | | | | | | | | | | | | | | | |
| 14 | 44 | 25 | 35 | 3 | 28 | 31 | 30 | 0 | RA SN BR UP HZ | 7 | | 0.1 | 0.08 | 29.07 | 29.80 | 5.1 | 18 | 6.3 | 17 | 20 | 15 | 20 | 14 | | | | | | | | | | | | | | | |
| 15 | 41 | 24 | 33 | 1 | 24 | 30 | 32 | 0 | FG+ FZFG BR | 5 | | 0.0 | 0.00 | 29.23 | 29.96 | 6.7 | 05 | 7.2 | 23 | 04 | 17 | 05 | 15 | | | | | | | | | | | | | | | |
| 16 | 35 | 28 | 32 | -1 | 21 | 28 | 33 | 0 | | 5 | | 0.0 | 0.00 | 29.36 | 30.10 | 6.9 | 05 | 7.9 | 20 | 07 | 16 | 06 | 16 | | | | | | | | | | | | | | | |
| 17 | 39 | 20 | 30 | -3 | 20 | 27 | 35 | 0 | | 4 | | 0.0 | 0.00 | 29.59 | 30.34 | 3.7 | 33 | 3.9 | 9 | 32 | 9 | 32 | 17 | | | | | | | | | | | | | | | |
| 18 | 43 | 14 | 29 | -5 | 18 | 26 | 36 | 0 | RA BR | 4 | | 0.0 | T | 29.70 | 30.46 | 3.0 | 19 | 3.7 | 16 | 20 | 14 | 21 | 18 | | | | | | | | | | | | | | | |
| 19 | 44 | 22 | 33 | -1 | 23 | 30 | 32 | 0 | | 3 | | 0.0 | 0.00 | 29.63 | 30.37 | 5.8 | 18 | 6.8 | 17 | 20 | 15 | 21 | 19 | | | | | | | | | | | | | | | |
| 20 | 48* | 23 | 36 | 1 | 25 | 32 | 29 | 0 | BR | 2 | | 0.0 | 0.00 | 29.54 | 30.28 | 4.5 | 19 | 5.2 | 14 | 23 | 12 | 21 | 20 | | | | | | | | | | | | | | | |
| 21 | 44 | 28 | 36 | 1 | 31 | 34 | 29 | 0 | BR HZ | 1 | | 0.0 | 0.00 | 29.46 | 30.20 | 3.7 | 32 | 4.1 | 13 | 33 | 12 | 32 | 21 | | | | | | | | | | | | | | | |
| 22 | 47 | 23 | 35 | -1 | 29 | 32 | 30 | 0 | FG+ FZFG BR HZ | 1 | | 0.0 | 0.00 | 29.40 | 30.14 | 3.9 | 33 | 5.5 | 21 | 32 | 18 | 33 | 22 | | | | | | | | | | | | | | | |
| 23 | 43 | 22 | 33 | -3 | 21 | 28 | 32 | 0 | BR | 1 | | 0.0 | 0.00 | 29.42 | 30.15 | 9.3 | 32 | 10.0 | 32* | 33 | 29* | 32 | 23 | | | | | | | | | | | | | | | |
| 24 | 25 | 15 | 20 | -17 | 6 | 16 | 45 | 0 | | 1 | | 0.0 | 0.00 | 29.57 | 30.33 | 15.6 | 32 | 16.2 | 28 | 33 | 23 | 33 | 24 | | | | | | | | | | | | | | | |
| 25 | 23 | 13 | 18* | -19 | 3 | 14 | 47 | 0 | | 1 | | 0.0 | 0.00 | 29.58 | 30.35 | 15.4 | 33 | 16.0 | 28 | 32 | 23 | 32 | 25 | | | | | | | | | | | | | | | |
| 26 | 32 | 12* | 22 | -16 | 10 | 19 | 43 | 0 | | T | | 0.0 | 0.00 | 29.56 | 30.33 | 8.6 | 33 | 9.0 | 21 | 35 | 18 | 35 | 26 | | | | | | | | | | | | | | | |
| 27 | 42 | 15 | 29 | -9 | 16 | 25 | 36 | 0 | | 0 | | 0.0 | 0.00 | 29.56 | 30.31 | 1.5 | 23 | 3.1 | 14 | 29 | 12 | 20 | 27 | | | | | | | | | | | | | | | |
| 28 | 47 | 21 | 34 | -5 | 23 | 31 | 31 | 0 | RA BR HZ | 0 | | 0.0 | 0.13 | 29.29 | 30.03 | 7.8 | 17 | 8.8 | 22 | 19 | 20 | 21 | 28 | | | | | | | | | | | | | | | |
| 29 | 40 | 35 | 38 | -1 | 34 | 36 | 27 | 0 | TS RA BR UP HZ | 0 | | 0.0 | 0.02 | 29.24 | 29.97 | 6.0 | 15 | 6.2 | 15 | 16 | 13 | 16 | 29 | | | | | | | | | | | | | | | |
| 30 | 42 | 35 | 39* | -1 | 35 | 37 | 26 | 0 | RA BR UP HZ | 0 | | 0.0 | T | 29.23 | 29.95 | 5.3 | 13 | 5.5 | 10 | 10 | 9 | 13 | 30 | | | | | | | | | | | | | | | |
| 31 | 43 | 29 | 36 | -4 | 30 | 34 | 29 | 0 | RA SN FG BR HZ | 0 | | 0.5 | 0.23 | 29.11 | 29.83 | 4.2 | 29 | 8.3 | 23 | 31 | 18 | 30 | 31 | | | | | | | | | | | | | | | |
| 37.7 | | | | | | | | | | | < MONTHLY AVERAGES | | TOTALS-> | | 8.1 | 1.16 | 29.34 | 30.09 | 2.8 | 32 | 7.9 | <- MONTHLY AVERAGES | | | | | | | | | | | | | | | | |
| -4.4 | | | | | | | | | | | -2.4 | | -3.3 | | ■■■ | | <-----DEPARTURE FROM NORMAL-----> | | | | | | | | | | - .82 | | SUNSHINE, CLOUD, & VISIBILITY TABLES ON PAGE 3 | | | | | | | | | |
| DEGREE DAYS | | | | | | | | | GREATEST 24-HR PRECIPITATION: 0.70 DATE :12 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MONTHLY | | | | | | | | | GREATEST 24-HR SNOWFALL: 7.5 DATE :12 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TOTAL DEPARTURE | | | | | | | | | GREATEST SNOW DEPTH: 10 DATE :13 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| HEATING: 1094 96 6996 280 | | | | | | | | | NUMBER OF DAYS WITH ➡ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| COOLING: 0 0 0 0 | | | | | | | | | MAXIMUM TEMP ≥ 90: 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | MAXIMUM TEMP ≤ 32 : 7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | THUNDERSTORMS : 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | MINIMUM TEMP ≤ 32 : 29 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | MINIMUM TEMP ≤ 0 : 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | HEAVY FOG : 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | PRECIPITATION ≥ 0.01 INCH : 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | PRECIPITATION ≥ 0.10 INCH : 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | SNOWFALL ≥ 1.0 INCH : 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

MARCH 2001
LA CROSSE, WI

HOURLY PRECIPITATION

(WATER EQUIVALENT IN INCHES)

LA CROSSE, WI

MARCH 2001

LSE

WBAN # 14920

| DATE | FOR HOUR (LST) ENDING AT | | | | | | | | | | | | DATE | FOR HOUR (LST) ENDING AT | | | | | | | | | | | | DATE | Sum if Different (See Note) | 2400 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 | Equiv. |
| 01 | | | | | | | | | | | | | 01 | | | | | | | | | | | | 01 | 0.04 | | 0.00 | |
| 02 | | | | | | | | | | | | | 02 | | | | | | | | | | | | 02 | | | 0.00 | |
| 03 | | | | | | | | | | | | | 03 | | | | | | | | | | | | 03 | | | 0.00 | |
| 04 | | | | | | | | | | | | | 04 | | | | | | | | | | | | 04 | | | 0.00 | |
| 05 | | | | | | | | | | | | | 05 | | | | | | | | | | | T | 05 | | | 0.00 | |
| 06 | | | | | | | | | | | | | 06 | | | | | | | | | | | | 06 | | | 0.00 | |
| 07 | | | | | | | | | | | | | 07 | | | | | | | | | | | | 07 | | | 0.00 | |
| 08 | | | T | T | | | | | | | | | 08 | T | T | | | | | | | | | | 08 | | | 0.00 | |
| 09 | | | | | | | | | | | | | 09 | | | | | | | | | | | | 09 | | | 0.00 | |
| 10 | | | | | | | | | | | T | T | 10 | | | | | | | | | | | | 10 | | | 0.00 | |
| 11 | | | | | | | | | | | | | 11 | | | | | | | | | | | | 11 | | | 0.00 | |
| 12 | 0.01 | 0.02 | 0.01 | 0.04 | 0.10 | 0.13 | 0.13 | 0.12 | 0.06 | 0.05 | 0.03 | | 12 | | | | | | | | | | | | 12 | | | 0.70 | |
| 13 | | T | | | | | | | | | | | 13 | | | | | | | | | | | | 13 | | | 0.00 | |
| 14 | | | | | | | | | | 0.01 | 0.03 | T | 14 | | | | | | | | | | | | 14 | | | 0.08 | |
| 15 | | | | | | | | | | | | | 15 | | | | | | | | | | | | 15 | | | 0.00 | |
| 16 | | | | | | | | | | | | | 16 | | | | | | | | | | | | 16 | | | 0.00 | |
| 17 | | | | | | | | | | | | | 17 | | | | | | | | | | | | 17 | | | 0.00 | |
| 18 | | | | | | | | | | | | | 18 | | | T | T | | | | | | | | 18 | | | 0.00 | |
| 19 | | | | | | | | | | | | | 19 | | | | | | | | | | | | 19 | | | 0.00 | |
| 20 | | | | | | | | | | | | | 20 | | | | | | | | | | | | 20 | | | 0.00 | |
| 21 | | | | | | | | | | | | | 21 | | | | | | | | | | | | 21 | | | 0.00 | |
| 22 | | | | | | | | | | | | | 22 | | | | | | | | | | | | 22 | | | 0.00 | |
| 23 | | | | | | | | | | | | | 23 | | | | | | | | | | | | 23 | | | 0.00 | |
| 24 | | | | | | | | | | | | | 24 | | | | | | | | | | | | 24 | | | 0.00 | |
| 25 | | | | | | | | | | | | | 25 | | | | | | | | | | | | 25 | | | 0.00 | |
| 26 | | | | | | | | | | | | | 26 | | | | | | | | | | | | 26 | | | 0.00 | |
| 27 | | | | | | | | | | | | | 27 | | | | | | | | | | | | 27 | | | 0.00 | |
| 28 | | | | | | | | | | | | | 28 | | | | | 0.01 | 0.02 | 0.02 | 0.02 | 0.01 | 0.03 | 0.02 | 28 | | 0.13 | | |
| 29 | 0.01 | T | T | T | T | T | T | | T | T | T | | 29 | | | | 0.01 | T | | | | | | | 29 | | 0.02 | | |
| 30 | | | | | | | | | | | | | 30 | | | | | | | | | | | | 30 | | 0.00 | | |
| 31 | | | | | | | | | | 0.05 | 0.09 | 0.06 | 31 | 0.03 | | | | | | | | | | | 31 | | 0.23 | | |

MAXIMUM SHORT DURATION PRECIPITATION (See Note)

| Time Period (Minutes) | 5 | 10 | 15 | 20 | 30 | 45 | 60 | 80 | 100 | 120 | 150 | 180 |
|------------------------|------|------|------|------|------|------|------|------|------|------|------|------|
| Precipitation (Inches) | .03 | .05 | .06 | .08 | .10 | .14 | .18 | .21 | .27 | .33 | .36 | .39 |
| Ending Date | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 |
| Ending Time (Hour/Min) | 0717 | 0548 | 0717 | 0548 | 0717 | 0621 | 0617 | 0723 | 0717 | 0717 | 0736 | 0723 |

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
MARCH 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 (OKTAS) | | | | VISIBILITY (MILES) | | RESERVED |
|--------------|------------------|---------------------|-----------------------|-----------|------------|-----------|-----------------------|---------|----------|
| | TOTAL MINUTES | PERCENT POSSIBLE | SR-SS | | MN-MN | | MINIMUM | MAXIMUM | |
| | | | CEILOMETER | SATELLITE | CEILOMETER | SATELLITE | | | |
| 01 | | | | | | | 9.00 | 10.00 | |
| 02 | | | | | | | 3.00 | 10.00 | |
| 03 | | | | | | | .25 | 10.00 | |
| 04 | | | | | | | 9.00 | 10.00 | |
| 05 | | | | | | | 10.00 | 10.00 | |
| 06 | | | | | | | 10.00 | 10.00 | |
| 07 | | | | | | | 8.00 | 10.00 | |
| 08 | | | | | | | 5.00 | 10.00 | |
| 09 | | | | | | | 8.00 | 10.00 | |
| 10 | | | | | | | 5.00 | 10.00 | |
| 11 | | | | | | | 8.00 | 10.00 | |
| 12 | | | | | | | .25 | 10.00 | |
| 13 | | | | | | | 6.00 | 10.00 | |
| 14 | | | | | | | 5.00 | 10.00 | |
| 15 | | | | | | | .25 | 10.00 | |
| 16 | | | | | | | 10.00 | 10.00 | |
| 17 | | | | | | | 10.00 | 10.00 | |
| 18 | | | | | | | 2.00 | 10.00 | |
| 19 | | | | | | | 10.00 | 10.00 | |
| 20 | | | | | | | 5.00 | 10.00 | |
| 21 | | | | | | | 1.25 | 10.00 | |
| 22 | | | | | | | .25 | 10.00 | |
| 23 | | | | | | | 5.00 | 10.00 | |
| 24 | | | | | | | 7.00 | 10.00 | |
| 25 | | | | | | | 9.00 | 10.00 | |
| 26 | | | | | | | 10.00 | 10.00 | |
| 27 | | | | | | | 10.00 | 10.00 | |
| 28 | | | | | | | 4.00 | 10.00 | |
| 29 | | | | | | | 1.25 | 7.00 | |
| 30 | | | | | | | 1.75 | 4.00 | |
| 31 | | | | | | | .50 | 10.00 | |
| MONTHLY AVGS | | | | | | | 5.78 | 9.71 | |

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

4 9 15

OBSERVATIONS AT 3-HOURLY INTERVALS

LA CROSSE, WI

MARCH 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 <small>Okta</small> | | VISIBILITY (MILES) | DRY BULB | DEW POINT | WET BULB | | SPEED (MPH) | DIRECTION TENS OF DEG | STATION | SEA LEVEL | | SKY COVER | CEILING | 100'S OF FT | OBSERVATION TIME (LST) | EFF CLD AMT <small>Okta</small> | | VISIBILITY (MILES) | DRY BULB | DEW POINT | WET BULB | | SPEED (MPH) | DIRECTION TENS OF DEG | STATION | SEA LEVEL | |
| | | | | SUNRISE: 0641 | | | MAR 01 | SUNSET: 1754 | | | | | | | | | | SUNRISE: 0631 | | | MAR 07 | SUNSET: 1800 | | | | | | | | | | |
| 03 | CLR | NC | | | 10.00 | | 18 | 12 | 16 | 77 | 8 | 18 | 29.23 | 29.98 | 03 | SCT | NC | | 10.00 | | | 20 | 14 | 18 | 78 | 0 | 00 | 29.47 | 30.22 | | | |
| 06 | CLR | NC | | | 10.00 | | 17 | 11 | 15 | 77 | 8 | 19 | 29.20 | 29.96 | 06 | CLR | NC | | 10.00 | | | 20 | 12 | 18 | 71 | 5 | 22 | 29.45 | 30.20 | | | |
| 09 | CLR | NC | | | 10.00 | | 20 | 12 | 18 | 71 | 7 | 20 | 29.19 | 29.94 | 09 | BKN | 017 | | 10.00 | | | 24 | 16 | 22 | 71 | 6 | 33 | 29.44 | 30.20 | | | |
| 12 | CLR | NC | | | 10.00 | | 30 | 18 | 26 | 61 | 13 | 20 | 29.15 | 29.89 | 12 | OVC | 029 | | 10.00 | | | 29 | 22 | 27 | 75 | 7 | 33 | 29.40 | 30.16 | | | |
| 15 | CLR | NC | | | 10.00 | | 36 | 25 | 32 | 64 | 15 | 23 | 29.08 | 29.83 | 15 | OVC | 029 | | 10.00 | | | 30 | 23 | 28 | 75 | 10 | 29 | 29.36 | 30.11 | | | |
| 18 | BKN | 021 | | | 10.00 | | 32 | 23 | 29 | 69 | 8 | 21 | 29.07 | 29.82 | 18 | OVC | 035 | | 10.00 | | | 31 | 22 | 28 | 69 | 10 | 29 | 29.32 | 30.07 | | | |
| 21 | OVC | 017 | | | 10.00 | | 29 | 23 | 27 | 78 | 10 | 22 | 29.05 | 29.80 | 21 | OVC | 028 | | 10.00 | | | 30 | 23 | 28 | 75 | 10 | 28 | 29.31 | 30.05 | | | |
| 24 | OVC | 013 | | | 10.00 | | 28 | 24 | 27 | 85 | 8 | 26 | 29.03 | 29.77 | 24 | OVC | 024 | | 10.00 | | | 29 | 22 | 27 | 75 | 9 | 31 | 29.26 | 30.01 | | | |
| | | | | SUNRISE: 0640 | | | MAR 02 | SUNSET: 1755 | | | | | | | | | | SUNRISE: 0629 | | | MAR 08 | SUNSET: 1801 | | | | | | | | | | |
| 03 | OVC | 013 | | | 6.00 | BR | 27 | 23 | 26 | 85 | 3 | 27 | 29.02 | 29.75 | 03 | OVC | 060 | | 5.00 | -SN | | 28 | 23 | 26 | 81 | 13 | 32 | 29.23 | 29.97 | | | |
| 06 | SCT | NC | | | 5.00 | BR | 26 | 22 | 25 | 84 | 7 | 18 | 29.01 | 29.74 | 06 | FEW | NC | | 10.00 | | | 25 | 18 | 23 | 75 | 13 | 33 | 29.25 | 29.99 | | | |
| 09 | CLR | NC | | | 5.00 | HZ | 28 | 22 | 26 | 78 | 9 | 33 | 29.03 | 29.77 | 09 | CLR | NC | | 10.00 | | | 27 | 20 | 25 | 75 | 16 | 33 | 29.26 | 30.00 | | | |
| 12 | CLR | NC | | | 8.00 | | 32 | 24 | 29 | 73 | 9 | 31 | 29.04 | 29.77 | 12 | OVC | 038 | | 10.00 | | | 30 | 20 | 27 | 66 | 18 | 34 | 29.27 | 30.00 | | | |
| 15 | CLR | NC | | | 10.00 | | 38 | 26 | 33 | 62 | 8 | 30 | 29.03 | 29.76 | 15 | OVC | 048 | | 10.00 | | | 31 | 19 | 27 | 61 | 15 | 34 | 29.28 | 30.01 | | | |
| 18 | CLR | NC | | | 10.00 | | 35 | 27 | 32 | 72 | 5 | 32 | 29.05 | 29.79 | 18 | OVC | 046 | | 10.00 | | | 30 | 19 | 26 | 64 | 10 | 35 | 29.32 | 30.07 | | | |
| 21 | CLR | NC | | | 8.00 | | 28 | 25 | 27 | 88 | 0 | 00 | 29.06 | 29.80 | 21 | OVC | 048 | | 10.00 | | | 29 | 19 | 26 | 66 | 9 | 33 | 29.37 | 30.12 | | | |
| 24 | CLR | NC | | | 5.00 | BR | 26 | 24 | 25 | 92 | 0 | 00 | 29.07 | 29.81 | 24 | OVC | 046 | | 10.00 | | | 29 | 20 | 26 | 69 | 10 | 33 | 29.38 | 30.13 | | | |
| | | | | SUNRISE: 0638 | | | MAR 03 | SUNSET: 1756 | | | | | | | | | | SUNRISE: 0628 | | | MAR 09 | SUNSET: 1803 | | | | | | | | | | |
| 03 | CLR | NC | | | 0.25 | FZFG | 20 | 18 | 19 | 92 | 0 | 00 | 29.09 | 29.83 | 03 | OVC | 040 | | 10.00 | | | 28 | 21 | 26 | 75 | 8 | 30 | 29.39 | 30.14 | | | |
| 06 | CLR | NC | | | 2.00 | BR | 21 | 19 | 20 | 92 | 3 | 19 | 29.12 | 29.86 | 06 | CLR | NC | | 10.00 | | | 22 | 17 | 20 | 82 | 3 | 01 | 29.42 | 30.17 | | | |
| 09 | FEW | NC | | | 2.00 | BR | 23 | 21 | 22 | 92 | 0 | 00 | 29.15 | 29.89 | 09 | CLR | NC | | 10.00 | | | 25 | 17 | 23 | 72 | 3 | 34 | 29.44 | 30.19 | | | |
| 12 | CLR | NC | | | 7.00 | | 34 | 24 | 30 | 67 | 0 | 00 | 29.17 | 29.91 | 12 | CLR | NC | | 10.00 | | | 32 | 18 | 27 | 56 | 5 | 35 | 29.42 | 30.17 | | | |
| 15 | CLR | NC | | | 10.00 | | 39 | 27 | 34 | 62 | 7 | 33 | 29.14 | 29.88 | 15 | CLR | NC | | 10.00 | | | 34 | 19 | 29 | 54 | 9 | 29 | 29.38 | 30.12 | | | |
| 18 | CLR | NC | | | 10.00 | | 34 | 24 | 30 | 67 | 6 | 31 | 29.17 | 29.91 | 18 | CLR | NC | | 10.00 | | | 30 | 21 | 27 | 69 | 7 | 33 | 29.34 | 30.10 | | | |
| 21 | CLR | NC | | | 10.00 | | 28 | 22 | 26 | 78 | 5 | 01 | 29.21 | 29.96 | 21 | CLR | NC | | 10.00 | | | 27 | 19 | 24 | 72 | 7 | 20 | 29.33 | 30.09 | | | |
| 24 | SCT | NC | | | 10.00 | | 27 | 21 | 25 | 78 | 7 | 35 | 29.29 | 30.03 | 24 | CLR | NC | | 9.00 | | | 23 | 20 | 22 | 88 | 3 | 16 | 29.32 | 30.06 | | | |
| | | | | SUNRISE: 0636 | | | MAR 04 | SUNSET: 1758 | | | | | | | | | | SUNRISE: 0626 | | | MAR 10 | SUNSET: 1804 | | | | | | | | | | |
| 03 | CLR | NC | | | 10.00 | | 22 | 13 | 19 | 68 | 12 | 01 | 29.33 | 30.07 | 03 | CLR | NC | | 8.00 | | | 23 | 19 | 22 | 85 | 7 | 18 | 29.28 | 30.02 | | | |
| 06 | CLR | NC | | | 10.00 | | 17 | 9 | 15 | 70 | 7 | 01 | 29.38 | 30.13 | 06 | OVC | 050 | | 8.00 | | | 25 | 20 | 23 | 81 | 14 | 17 | 29.21 | 29.95 | | | |
| 09 | CLR | NC | | | 10.00 | | 19 | 10 | 17 | 68 | 10 | 03 | 29.43 | 30.19 | 09 | OVC | 046 | | 6.00 | HZ | | 30 | 24 | 28 | 79 | 13 | 18 | 29.16 | 29.90 | | | |
| 12 | CLR | NC | | | 10.00 | | 23 | 14 | 20 | 68 | 12 | 32 | 29.42 | 30.17 | 12 | OVC | 038 | | 7.00 | | | 33 | 27 | 31 | 78 | 14 | 20 | 29.09 | 29.83 | | | |
| 15 | CLR | NC | | | 10.00 | | 28 | 15 | 24 | 58 | 12 | 35 | 29.39 | 30.15 | 15 | OVC | 026 | | 9.00 | | | 35 | 28 | 32 | 76 | 8 | 29 | 29.06 | 29.80 | | | |
| 18 | CLR | NC | | | 10.00 | | 26 | 17 | 23 | 69 | 13 | 32 | 29.40 | 30.16 | 18 | OVC | 024 | | 5.00 | HZ | | 33 | 28 | 31 | 82 | 15 | 33 | 29.12 | 29.86 | | | |
| 21 | OVC | 044 | | | 10.00 | | 25 | 17 | 23 | 72 | 9 | 34 | 29.42 | 30.18 | 21 | OVC | 024 | | 10.00 | | | 32 | 25 | 29 | 75 | 14 | 36 | 29.19 | 29.93 | | | |
| 24 | OVC | 030 | | | 9.00 | | 24 | 14 | 21 | 65 | 16 | 04 | 29.44 | 30.20 | 24 | BKN | 036 | | 10.00 | | | 31 | 21 | 28 | 67 | 5 | 01 | 29.25 | 29.98 | | | |
| | | | | SUNRISE: 0635 | | | MAR 05 | SUNSET: 1759 | | | | | | | | | | SUNRISE: 0624 | | | MAR 11 | SUNSET: 1805 | | | | | | | | | | |
| 03 | CLR | NC | | | 10.00 | | 18 | 9 | 16 | 68 | 7 | 35 | 29.47 | 30.23 | 03 | CLR | NC | | 8.00 | | | 25 | 20 | 23 | 81 | 7 | 34 | 29.29 | 30.03 | | | |
| 06 | OVC | 036 | | | 10.00 | | 18 | 10 | 16 | 71 | 8 | 35 | 29.53 | 30.29 | 06 | CLR | NC | | 10.00 | | | 21 | 15 | 19 | 78 | 6 | 34 | 29.34 | 30.09 | | | |
| 09 | BKN | 032 | | | 10.00 | | 18 | 8 | 15 | 65 | 16 | 36 | 29.56 | 30.32 | 09 | CLR | NC | | 10.00 | | | 24 | 15 | 21 | 68 | 7 | 33 | 29.42 | 30.17 | | | |
| 12 | CLR | NC | | | 10.00 | | 22 | 11 | 19 | 63 | 16 | 32 | 29.55 | 30.31 | 12 | CLR | NC | | 10.00 | | | 30 | 18 | 26 | 61 | 3 | 21 | 29.44 | 30.18 | | | |
| 15 | CLR | NC | | | 10.00 | | 26 | 15 | 23 | 63 | 16 | 33 | 29.55 | 30.32 | 15 | CLR | NC | | 10.00 | | | 35 | 18 | 29 | 50 | 9 | 10 | 29.38 | 30.13 | | | |
| 18 | CLR | NC | | | 10.00 | | 23 | 11 | 20 | 60 | 15 | 35 | 29.57 | 30.34 | 18 | BKN | 110 | | 10.00 | | | 35 | 20 | 30 | 54 | 7 | 12 | 29.34 | 30.09 | | | |
| 21 | CLR | NC | | | 10.00 | | 19 | 8 | 16 | 62 | 6 | 36 | 29.60 | 30.36 | 21 | OVC | 065 | | 10.00 | | | 34 | 22 | 30 | 61 | 13 | 12 | 29.31 | 30.05 | | | |
| 24 | CLR | NC | | | 10.00 | | 17 | 6 | 14 | 62 | 5 | 01 | 29.61 | 30.38 | 24 | OVC | 043 | | 10.00 | | | 32 | 23 | 29 | 69 | 8 | 11 | 29.27 | 30.01 | | | |
| | | | | SUNRISE: 0633 | | | MAR 06 | SUNSET: 1800 | | | | | | | | | | SUNRISE: 0622 | | | MAR 12 | SUNSET: 1806 | | | | | | | | | | |
| 03 | CLR | NC | | | 10.00 | | 16 | 8 | 14 | 71 | 9 | 34 | 29.60 | 30.37 | 03 | OVC | 036 | | 4.00 | -SN BR | | 28 | 25 | 27 | 88 | 8 | 10 | 29.15 | 29.89 | | | |
| 06 | CLR | NC | | | 10.00 | | 15 | 7 | 13 | 70 | 5 | 04 | 29.62 | 30.38 | 06 | OVC | 002 | | 0.75 | -SN BR | | 26 | 24 | 25 | 92 | 8 | 12 | 29.01 | 29.75 | | | |
| 09 | CLR | NC | | | 10.00 | | 21 | 10 | 18 | 62 | 6 | 35 | 29.63 | 30.39 | 09 | VV | 003 | | 0.25 | +SN FZFG | | 28 | 27 | 28 | 96 | 9 | 13 | 28.86 | 29.59 | | | |
| 12 | CLR | NC | | | 10.00 | | 28 | 15 | 24 | 58 | 10 | 32 | 2 | | | | | | | | | | | | | | | | | | | |

OBSERVATIONS AT 3-HOURLY INTERVALS

LA CROSSE, WI

MARCH 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 Oktas | | VISIBILITY (MILES) | DRY BULB | DEW POINT | | WET BULB | SPEED (MPH) | DIRECTION TENS OF DEG | STATION | | SEA LEVEL | SKY COVER | CEILING 100'S OF FT | OBSERVATION TIME (LST) | | EFF CLD AMT Oktas | VISIBILITY (MILES) | DRY BULB | | DEW POINT | WET BULB | SPEED (MPH) | DIRECTION TENS OF DEG | STATION | SEA LEVEL |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SUNRISE: 0621 | | | | | MAR 13 | SUNSET: 1808 | | | | | SUNRISE: 0610 | | | | | MAR 19 | SUNSET: 1815 | | | | | | | | | | | | |
| 03 | OVC | 018 | | | 10.00 | 29 | 24 | 27 | 82 | 5 | 31 | 28.72 | 29.44 | 03 | CLR | NC | | | 10.00 | 24 | 19 | 22 | 81 | 6 | 14 | 29.65 | 30.40 | | |
| 06 | OVC | 016 | | | 9.00 | 29 | 24 | 27 | 82 | 6 | 27 | 28.72 | 29.44 | 06 | CLR | NC | | | 10.00 | 24 | 18 | 22 | 77 | 5 | 13 | 29.65 | 30.40 | | |
| 09 | OVC | 017 | | | 8.00 | 29 | 22 | 27 | 75 | 7 | 34 | 28.77 | 29.49 | 09 | CLR | NC | | | 10.00 | 33 | 25 | 30 | 72 | 13 | 19 | 29.66 | 30.40 | | |
| 12 | CLR | NC | | | 10.00 | 32 | 23 | 29 | 69 | 18 | 34 | 28.82 | 29.56 | 12 | CLR | NC | | | 10.00 | 41 | 27 | 35 | 57 | 12 | 19 | 29.65 | 30.39 | | |
| 15 | CLR | NC | | | 10.00 | 36 | 24 | 32 | 62 | 15 | 32 | 28.90 | 29.63 | 15 | CLR | NC | | | 10.00 | 44 | 25 | 37 | 47 | 6 | 21 | 29.60 | 30.34 | | |
| 18 | OVC | 031 | | | 10.00 | 35 | 26 | 32 | 70 | 17 | 29 | 28.97 | 29.71 | 18 | CLR | NC | | | 10.00 | 40 | 25 | 34 | 55 | 6 | 22 | 29.58 | 30.33 | | |
| 21 | SCT | NC | | | 10.00 | 34 | 27 | 31 | 76 | 9 | 29 | 29.02 | 29.75 | 21 | CLR | NC | | | 10.00 | 32 | 25 | 29 | 75 | 5 | 13 | 29.59 | 30.33 | | |
| 24 | CLR | NC | | | 10.00 | 30 | 25 | 28 | 82 | 5 | 31 | 29.05 | 29.78 | 24 | CLR | NC | | | 10.00 | 29 | 24 | 27 | 82 | 6 | 14 | 29.60 | 30.34 | | |
| SUNRISE: 0619 | | | | | MAR 14 | SUNSET: 1809 | | | | | SUNRISE: 0608 | | | | | MAR 20 | SUNSET: 1816 | | | | | | | | | | | | |
| 03 | BKN | 090 | | | 10.00 | 30 | 25 | 28 | 82 | 0 | 00 | 29.07 | 29.80 | 03 | CLR | NC | | | 9.00 | 26 | 22 | 25 | 84 | 3 | 15 | 29.59 | 30.33 | | |
| 06 | BKN | 065 | | | 8.00 | 28 | 26 | 27 | 92 | 9 | 16 | 29.05 | 29.78 | 06 | CLR | NC | | | 7.00 | 23 | 20 | 22 | 88 | 3 | 17 | 29.59 | 30.34 | | |
| 09 | OVC | 055 | | | 5.00 | 32 | 27 | 30 | 82 | 10 | 18 | 29.06 | 29.79 | 09 | CLR | NC | | | 7.00 | 33 | 26 | 30 | 75 | 5 | 15 | 29.59 | 30.33 | | |
| 12 | OVC | 039 | | | 6.00 | 34 | 30 | 32 | 85 | 8 | 14 | 29.07 | 29.80 | 12 | CLR | NC | | | 10.00 | 44 | 27 | 37 | 51 | 12 | 18 | 29.55 | 30.29 | | |
| 15 | BKN | 100 | | | 10.00 | 42 | 32 | 38 | 68 | 6 | 17 | 29.01 | 29.74 | 15 | CLR | NC | | | 10.00 | 48 | 25 | 39 | 41 | 10 | 24 | 29.49 | 30.23 | | |
| 18 | CLR | NC | | | 10.00 | 42 | 30 | 37 | 62 | 7 | 20 | 29.06 | 29.78 | 18 | FEW | NC | | | 10.00 | 44 | 26 | 37 | 49 | 6 | 23 | 29.49 | 30.23 | | |
| 21 | CLR | NC | | | 10.00 | 33 | 28 | 31 | 82 | 3 | 34 | 29.11 | 29.84 | 21 | OVC | 110 | | | 10.00 | 38 | 27 | 34 | 65 | 0 | 00 | 29.48 | 30.22 | | |
| 24 | CLR | NC | | | 5.00 | 26 | 24 | 25 | 92 | 6 | 36 | 29.14 | 29.88 | 24 | OVC | 090 | | | 10.00 | 35 | 29 | 33 | 78 | 0 | 00 | 29.47 | 30.21 | | |
| SUNRISE: 0617 | | | | | MAR 15 | SUNSET: 1810 | | | | | SUNRISE: 0606 | | | | | MAR 21 | SUNSET: 1818 | | | | | | | | | | | | |
| 03 | VV | 002 | | | 0.25 | 29 | 28 | 29 | 96 | 0 | 00 | 29.15 | 29.88 | 03 | OVC | 060 | | | 10.00 | 34 | 28 | 32 | 79 | 3 | 36 | 29.47 | 30.20 | | |
| 06 | CLR | NC | | | 5.00 | 26 | 26 | 26 | 100 | 0 | 00 | 29.19 | 29.93 | 06 | OVC | 037 | | | 7.00 | 34 | 31 | 33 | 89 | 0 | 00 | 29.47 | 30.21 | | |
| 09 | CLR | NC | | | 10.00 | 32 | 25 | 29 | 75 | 8 | 03 | 29.25 | 29.98 | 09 | OVC | 020 | | | 6.00 | 37 | 32 | 35 | 82 | 6 | 34 | 29.49 | 30.23 | | |
| 12 | BKN | 033 | | | 10.00 | 39 | 25 | 34 | 57 | 12 | 06 | 29.25 | 29.98 | 12 | OVC | 022 | | | 6.00 | 41 | 33 | 38 | 74 | 9 | 31 | 29.49 | 30.23 | | |
| 15 | FEW | NC | | | 10.00 | 40 | 22 | 33 | 49 | 15 | 05 | 29.23 | 29.96 | 15 | CLR | NC | | | 6.00 | 44 | 34 | 40 | 68 | 9 | 31 | 29.44 | 30.18 | | |
| 18 | CLR | NC | | | 10.00 | 39 | 21 | 32 | 48 | 13 | 05 | 29.24 | 29.98 | 18 | CLR | NC | | | 5.00 | 37 | 32 | 35 | 82 | 8 | 32 | 29.44 | 30.18 | | |
| 21 | CLR | NC | | | 10.00 | 36 | 22 | 31 | 57 | 6 | 04 | 29.28 | 30.01 | 21 | CLR | NC | | | 3.00 | 33 | 31 | 32 | 92 | 0 | 00 | 29.45 | 30.19 | | |
| 24 | CLR | NC | | | 10.00 | 33 | 22 | 29 | 64 | 5 | 01 | 29.28 | 30.01 | 24 | CLR | NC | | | 1.75 | 29 | 27 | 28 | 92 | 0 | 00 | 29.43 | 30.16 | | |
| SUNRISE: 0615 | | | | | MAR 16 | SUNSET: 1811 | | | | | SUNRISE: 0604 | | | | | MAR 22 | SUNSET: 1819 | | | | | | | | | | | | |
| 03 | BKN | 100 | | | 10.00 | 31 | 20 | 27 | 64 | 13 | 07 | 29.30 | 30.02 | 03 | CLR | NC | | | 1.50 | 24 | 23 | 24 | 96 | 0 | 00 | 29.41 | 30.16 | | |
| 06 | OVC | 110 | | | 10.00 | 28 | 19 | 25 | 69 | 14 | 09 | 29.32 | 30.06 | 06 | VV | 001 | | | 0.25 | 27 | 27 | 27 | 100 | 3 | 12 | 29.40 | 30.15 | | |
| 09 | OVC | 022 | | | 10.00 | 29 | 21 | 26 | 72 | 9 | 04 | 29.34 | 30.08 | 09 | BKN | 044 | | | 2.00 | 31 | 30 | 31 | 96 | 3 | 14 | 29.40 | 30.14 | | |
| 12 | CLR | NC | | | 10.00 | 33 | 21 | 29 | 61 | 9 | 01 | 29.35 | 30.09 | 12 | SCT | NC | | | 6.00 | 45 | 33 | 40 | 63 | 7 | 33 | 29.36 | 30.10 | | |
| 15 | CLR | NC | | | 10.00 | 35 | 22 | 30 | 59 | 7 | 03 | 29.34 | 30.08 | 15 | OVC | 026 | | | 5.00 | 44 | 33 | 39 | 65 | 13 | 33 | 29.36 | 30.10 | | |
| 18 | FEW | NC | | | 10.00 | 34 | 22 | 30 | 61 | 8 | 03 | 29.38 | 30.13 | 18 | OVC | 019 | | | 4.00 | 37 | 32 | 35 | 82 | 10 | 34 | 29.39 | 30.13 | | |
| 21 | OVC | 110 | | | 10.00 | 31 | 24 | 28 | 76 | 3 | 36 | 29.43 | 30.18 | 21 | BKN | 024 | | | 9.00 | 33 | 28 | 31 | 82 | 5 | 34 | 29.44 | 30.19 | | |
| 24 | OVC | 120 | | | 10.00 | 29 | 23 | 27 | 78 | 0 | 00 | 29.45 | 30.20 | 24 | CLR | NC | | | 8.00 | 29 | 25 | 28 | 85 | 5 | 03 | 29.44 | 30.17 | | |
| SUNRISE: 0613 | | | | | MAR 17 | SUNSET: 1813 | | | | | SUNRISE: 0602 | | | | | MAR 23 | SUNSET: 1820 | | | | | | | | | | | | |
| 03 | SCT | NC | | | 10.00 | 27 | 22 | 25 | 81 | 0 | 00 | 29.49 | 30.23 | 03 | CLR | NC | | | 10.00 | 27 | 24 | 26 | 89 | 5 | 35 | 29.43 | 30.16 | | |
| 06 | CLR | NC | | | 10.00 | 23 | 20 | 22 | 88 | 5 | 36 | 29.54 | 30.29 | 06 | CLR | NC | | | 5.00 | 24 | 22 | 23 | 91 | 0 | 00 | 29.44 | 30.18 | | |
| 09 | CLR | NC | | | 10.00 | 28 | 22 | 26 | 78 | 7 | 32 | 29.59 | 30.34 | 09 | CLR | NC | | | 10.00 | 33 | 27 | 31 | 78 | 6 | 32 | 29.44 | 30.18 | | |
| 12 | CLR | NC | | | 10.00 | 35 | 23 | 31 | 61 | 7 | 32 | 29.61 | 30.35 | 12 | BKN | 090 | | | 10.00 | 42 | 26 | 36 | 53 | 13 | 30 | 29.40 | 30.14 | | |
| 15 | CLR | NC | | | 10.00 | 39 | 19 | 32 | 45 | 7 | 30 | 29.60 | 30.35 | 15 | SCT | NC | | | 10.00 | 42 | 26 | 36 | 53 | 16 | 29 | 29.36 | 30.10 | | |
| 18 | CLR | NC | | | 10.00 | 35 | 20 | 30 | 54 | 7 | 31 | 29.62 | 30.38 | 18 | CLR | NC | | | 10.00 | 34 | 16 | 28 | 48 | 14 | 31 | 29.38 | 30.13 | | |
| 21 | CLR | NC | | | 10.00 | 28 | 18 | 25 | 66 | 0 | 00 | 29.65 | 30.41 | 21 | OVC | 045 | | | 10.00 | 29 | 14 | 24 | 54 | 22 | 31 | 29.41 | 30.16 | | |
| 24 | CLR | NC | | | 10.00 | 22 | 18 | 21 | 85 | 0 | 00 | 29.69 | 30.44 | 24 | CLR | NC | | | 10.00 | 22 | 7 | 18 | 52 | 18 | 33 | 29.46 | 30.20 | | |
| SUNRISE: 0612 | | | | | MAR 18 | SUNSET: 1814 | | | | | SUNRISE: 0601 | | | | | MAR 24 | SUNSET: 1821 | | | | | | | | | | | | |
| 03 | CLR | NC | | | 8.00 | 17 | 16 | 17 | 96 | 0 | 00 | 29.71 | 30.46 | 03 | CLR | NC | | | 10.00 | 17 | 5 | 14 | 59 | 18 | 33 | 29.51 | 30.26 | | |
| 06 | CLR | NC | | | 7.00 | 15 | 12 | 14 | 88 | 0 | 00 | 29.73 | 30.49 | 06 | OVC | 032 | | | 10.00 | 15 | 5 | 13 | 64 | 14 | 34 | 29.55 | 30.31 | | |
| 09 | CLR | NC | | | 10.00 | 25 | 19 | 23 | 78 | 5 | 14 | 29.75 | 30.51 | 09 | CLR | NC | | | 10.00 | 17 | 1 | 13 | 49 | 17 | 34 | 29.59 | 30.35 | | |
| 12 | CLR | NC | | | 10.00 | 39 | 19 | 32 | 45 | 7 | 20 | 29.73 | 30.47 | 12 | SCT | NC | | | 10.00 | 21 | 3 | 17 | 45 | 17 | 32 | 29.60 | 30.36 | | |
| 15 | CLR | NC | | | 10.00 | 42 | 17 | 33 | 36 | 12 | 20 | 29.68 | 30.43 | 15 | CLR | NC | | | 10.00 | 23 | 6 | 19 | 48 | 15 | 33 | 29.57 | 30.34 | | |
| 18 | CLR | NC | | | 10.00 | 39 | 21 | 32 | 48 | 7 | 27 | 29.68 | 30.43 | 18 | OVC | 037 | | | 10.00 | 21 | 8 | 18 | 57 | 20 | 30 | 29.58 | 30.35 | | |
| 21 | CLR | NC | | | 10.00 | 30 | 21 | 27 | 69 | 3 | 16 | 29.69 | 30.44 | 21 | OVC | 037 | | | 10.00 | 19 | 9 | 16 | 65 | 14 | 31 | 29.60 | 30.37 | | |
| 24 | CLR | NC | | | 10.00 | 26 | 20 | 24 | 78 | 3 | 14 | 29.67 | 30.42 | 24 | OVC | 029 | | | 7.00 | 18 | 11 | 16 | 74 | 14 | 32 | 29.58 | 30.35 | | |

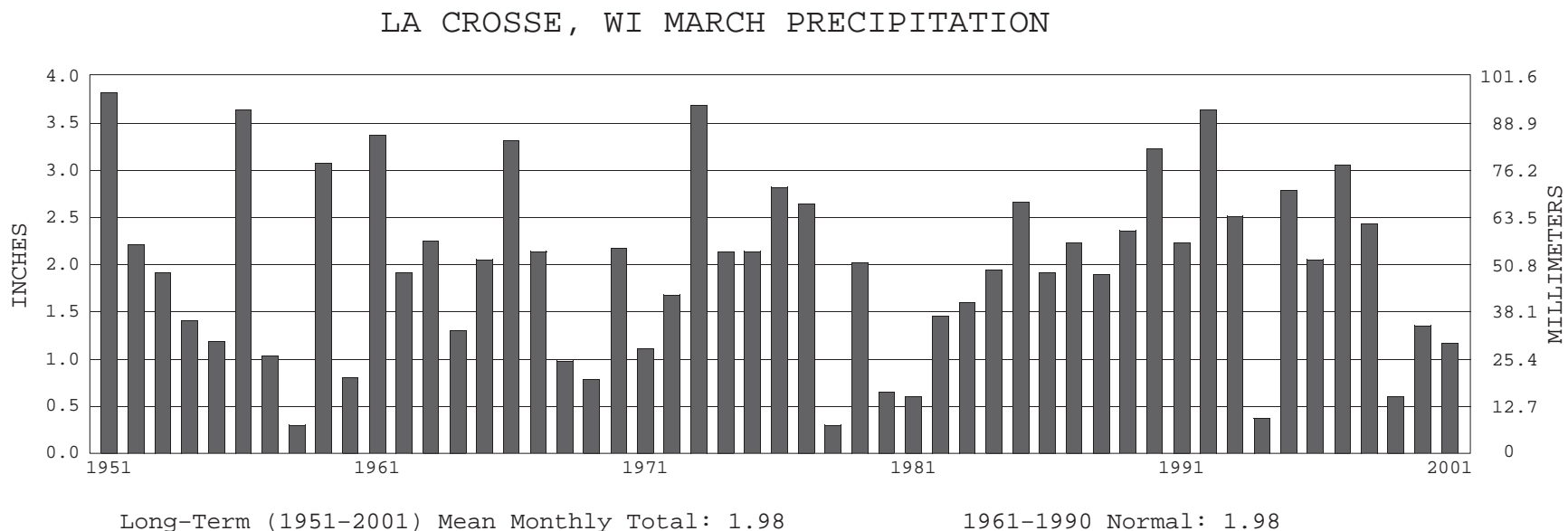
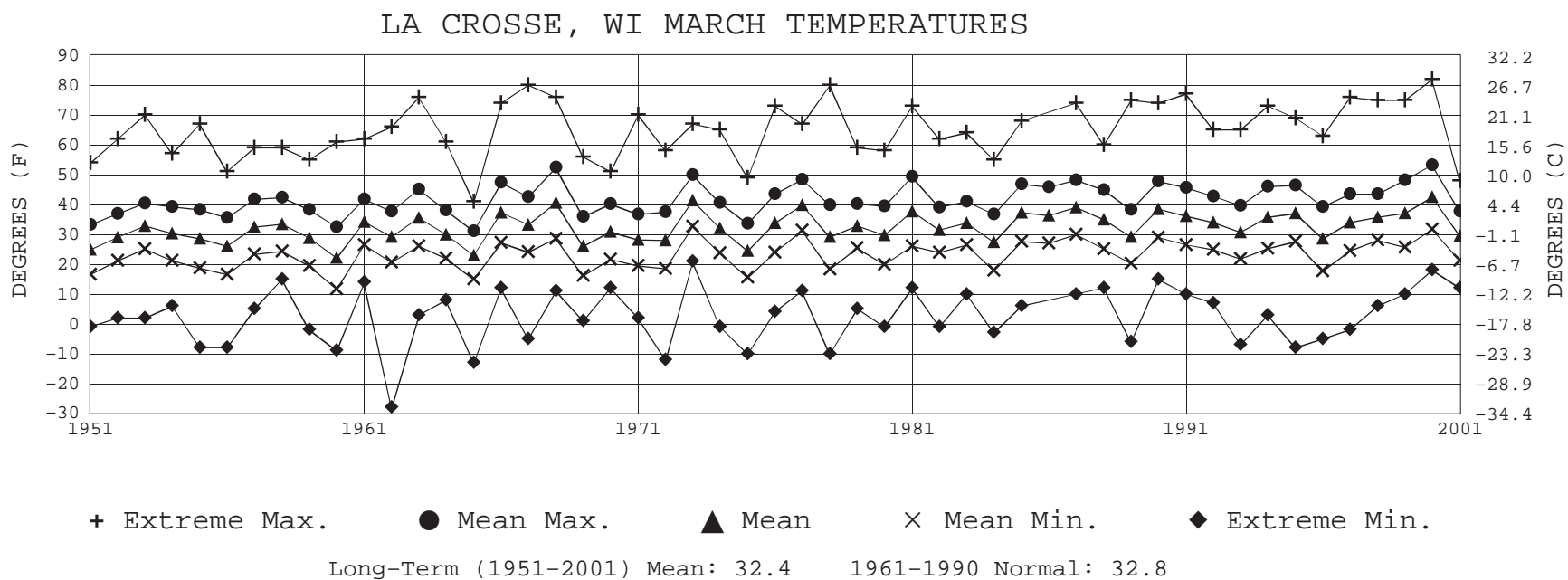
LA CROSSE, WI

MARCH 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 Offt | Observation Time (LST) | Eff Clld Amt Otkas | | Visibility (Miles) | Dry Bulb | Dew Point | | Wet Bulb | Speed (Mph) | Direction Tens of Deg | Station | | Sea Level | Sky Cover | Ceiling 100's Offt | Observation Time (LST) | | Eff Clld Amt Otkas | Visibility (Miles) | Dry Bulb | | Dew Point | Wet Bulb | Speed (Mph) | Direction Tens of Deg | Station | Sea Level |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 03 | OVC | 049 | | | 10.00 | 18 | 6 | 15 | 60 | 14 | 33 | 29.56 | 30.32 | 03 | BKN | 085 | | | 3.00 | BR | 35 | 33 | 34 | 93 | 5 | 13 | 29.12 | 29.84 | |
| 06 | OVC | 045 | | | 10.00 | 14 | 2 | 11 | 58 | 15 | 36 | 29.58 | 30.35 | 06 | BKN | 090 | | | 3.00 | BR | 34 | 30 | 32 | 85 | 6 | 15 | 29.10 | 29.82 | |
| 09 | CLR | NC | | | 10.00 | 15 | -1 | 12 | 49 | 17 | 34 | 29.62 | 30.40 | 09 | BKN | 080 | | | 4.00 | HZ | 43 | 32 | 38 | 65 | 8 | 25 | 29.06 | 29.78 | |
| 12 | BKN | 041 | | | 10.00 | 19 | -1 | 15 | 41 | 18 | 34 | 29.60 | 30.37 | 12 | OVC | 006 | | | 0.50 | SN FG | 33 | 32 | 33 | 96 | 3 | 23 | 29.10 | 29.82 | |
| 15 | FEW | NC | | | 10.00 | 21 | 2 | 16 | 43 | 18 | 32 | 29.57 | 30.33 | 15 | OVC | 023 | | | 10.00 | | 38 | 34 | 36 | 86 | 9 | 32 | 29.09 | 29.81 | |
| 18 | BKN | 040 | | | 10.00 | 19 | 5 | 16 | 54 | 16 | 33 | 29.56 | 30.33 | 18 | FEW | NC | | | 10.00 | | 40 | 22 | 33 | 49 | 16 | 31 | 29.10 | 29.82 | |
| 21 | CLR | NC | | | 10.00 | 18 | 5 | 15 | 57 | 10 | 31 | 29.57 | 30.34 | 21 | FEW | NC | | | 10.00 | | 33 | 24 | 30 | 70 | 12 | 29 | 29.13 | 29.85 | |
| 24 | CLR | NC | | | 10.00 | 15 | 6 | 13 | 67 | 8 | 30 | 29.57 | 30.34 | 24 | CLR | NC | | | 10.00 | | 30 | 22 | 27 | 72 | 9 | 28 | 29.11 | 29.85 | |
| 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 Clld 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 | | | 26 | 20 | 24 | 79 | 29.36 | 30.10 | 8.10 | 6 | 2 | 34 | | | | | | | | | | | | | | | | | |
| 02 | | | 25 | 20 | 24 | 80 | 29.35 | 30.10 | 8.09 | 6 | 1 | 35 | | | | | | | | | | | | | | | | | |
| 03 | | | 25 | 20 | 23 | 81 | 29.35 | 30.09 | 7.81 | 6 | 2 | 35 | | | | | | | | | | | | | | | | | |
| 04 | | | 24 | 19 | 23 | 83 | 29.35 | 30.09 | 7.72 | 6 | 1 | 36 | | | | | | | | | | | | | | | | | |
| 05 | | | 24 | 19 | 22 | 82 | 29.35 | 30.09 | 7.85 | 6 | 1 | 2 | | | | | | | | | | | | | | | | | |
| 06 | | | 23 | 18 | 22 | 82 | 29.35 | 30.10 | 7.58 | 6 | 1 | 8 | | | | | | | | | | | | | | | | | |
| 07 | | | 24 | 19 | 22 | 81 | 29.36 | 30.10 | 7.36 | 7 | 1 | 35 | | | | | | | | | | | | | | | | | |
| 08 | | | 26 | 20 | 24 | 79 | 29.36 | 30.11 | 7.53 | 8 | 1 | 33 | | | | | | | | | | | | | | | | | |
| 09 | | | 28 | 20 | 25 | 73 | 29.36 | 30.11 | 7.74 | 8 | 2 | 34 | | | | | | | | | | | | | | | | | |
| 10 | | | 30 | 21 | 27 | 71 | 29.36 | 30.10 | 8.04 | 8 | 2 | 31 | | | | | | | | | | | | | | | | | |
| 11 | | | 32 | 21 | 28 | 66 | 29.36 | 30.10 | 8.31 | 8 | 3 | 32 | | | | | | | | | | | | | | | | | |
| 12 | | | 34 | 22 | 30 | 63 | 29.35 | 30.09 | 8.40 | 10 | 4 | 31 | | | | | | | | | | | | | | | | | |
| 13 | | | 35 | 22 | 30 | 61 | 29.34 | 30.08 | 8.55 | 9 | 3 | 31 | | | | | | | | | | | | | | | | | |
| 14 | | | 36 | 22 | 31 | 59 | 29.32 | 30.07 | 8.94 | 10 | 5 | 32 | | | | | | | | | | | | | | | | | |
| 15 | | | 37 | 23 | 32 | 58 | 29.32 | 30.06 | 9.05 | 11 | 6 | 31 | | | | | | | | | | | | | | | | | |
| 16 | | | 37 | 23 | 32 | 59 | 29.32 | 30.06 | 9.08 | 11 | 6 | 31 | | | | | | | | | | | | | | | | | |
| 17 | | | 36 | 23 | 31 | 61 | 29.32 | 30.06 | 8.98 | 11 | 6 | 30 | | | | | | | | | | | | | | | | | |
| 18 | | | 34 | 23 | 30 | 64 | 29.33 | 30.07 | 8.74 | 10 | 6 | 31 | | | | | | | | | | | | | | | | | |
| 19 | | | 32 | 22 | 29 | 68 | 29.33 | 30.08 | 8.77 | 8 | 4 | 30 | | | | | | | | | | | | | | | | | |
| 20 | | | 31 | 22 | 28 | 71 | 29.34 | 30.09 | 8.87 | 7 | 4 | 32 | | | | | | | | | | | | | | | | | |
| 21 | | | 30 | 22 | 27 | 73 | 29.35 | 30.09 | 9.02 | 7 | 3 | 31 | | | | | | | | | | | | | | | | | |
| 22 | | | 29 | 22 | 27 | 75 | 29.35 | 30.09 | 8.95 | 7 | 3 | 31 | | | | | | | | | | | | | | | | | |
| 23 | | | 28 | 21 | 26 | 76 | 29.35 | 30.09 | 8.79 | 6 | 2 | 31 | | | | | | | | | | | | | | | | | |
| 24 | | | 27 | 21 | 25 | 78 | 29.35 | 30.09 | 8.60 | 6 | 2 | 34 | | | | | | | | | | | | | | | | | |





**MARCH 2001
LA CROSSE, WI**

LOCAL CLIMATOLOGICAL DATA

NOAA, National Climatic Data Center

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