



## 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			
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	20	8	14	-2	7	12	51	0	SN BR UP	1		0.1	T	29.66	30.44	6.3	35	6.6	15	34	13	34	01	
02	22	2	12	-4	5	10	53	0		1		0.0	0.00	29.71	30.50	2.4	32	3.8	15	34	14	34	02	
03	25	2	14	-2	8	12	51	0		1		0.0	0.00	29.48	30.26	7.7	19	8.0	20	21	17	21	03	
04	34	20	27	11	18	24	38	0		1		0.0	0.00	29.19	29.93	8.5	21	9.0	29	21	24	21	04	
05	39	25	32	16	26	30	33	0	UP	1		T	T	29.19	29.93	3.5	31	4.6	21	32	17	33	05	
06	31	12	22	6	16	22	43	0	SN UP	T		T	T	29.34	30.09	10.5	35	11.0	26	35	21	36	06	
07	29	6	18	3	8	16	47	0		T		0.0	0.00	29.35	30.11	5.5	20	7.6	18	21	15	20	07	
08	48	24	36	21	25	32	29	0		T		0.0	0.00	28.94	29.67	8.1	19	8.8	17	20	15	20	08	
09	53	34	44	29	33	39	21	0		0		0.0	0.00	28.95	29.66	6.2	27	8.5	23	28	18	28	09	
10	38	30	34	19	29	33	31	0		0		0.0	0.00	29.23	29.96	10.4	31	11.1	23	32	20	32	10	
11	49	25	37	22	27	32	28	0		0		0.0	0.00	29.25	29.98	4.8	23	6.9	20	31	16	32	11	
12	40	24	32	17	24	30	33	0	RA	0		0.0	T	29.07	29.80	10.1	31	10.8	29*	31	24*	32	12	
13	41	22	32	17	23	29	33	0	SN	0		0.1	0.03	28.92	29.65	8.1	13	9.2	23	12	18	11	13	
14	35	27	31	15	30	31	34	0	RA FZRA SN BR UP	T		1.1	0.08	28.94	29.67	3.9	01	8.5	20	08	15	33	14	
15	29	22	26	10	20	25	39	0	SN BR	1		0.1	T	29.37	30.12	8.7	30	8.9	20	30	17	29	15	
16	25	15	20	4	17	20	45	0	SN BR	1		1.3	0.05	29.36	30.11	4.5	30	5.4	18	32	16	32	16	
17	24	9	17	1	11	15	48	0	SN BR	2		0.1	T	29.40	30.16	5.8	28	6.4	17	31	15	31	17	
18	13	1*	7*	-9	-2	6	58	0		2		0.0	0.00	29.51	30.29	4.3	31	7.2	23	33	20	33	18	
19	29	5	17	1	13	18	48	0	SN BR	2		0.3	0.02	29.16	29.93	9.1	22	11.1	24	22	20	22	19	
20	37	16	27	11	19	24	38	0		2		0.0	0.00	29.03	29.77	9.1	18	9.7	25	19	23	20	20	
21	36	23	30	14	22	27	35	0	SN	1		T	T	29.06	29.79	3.0	22	8.2	23	32	18	31	21	
22	50	30	40	24	23	34	25	0		1		0.0	0.00	29.02	29.75	11.8	18	12.2	24	20	22	19	22	
23	37	26	32	16	25	29	33	0		0		0.0	0.00	29.16	29.89	6.8	35	8.1	17	34	15	35	23	
24	39	20	30	14	19	26	35	0		0		0.0	0.00	29.27	30.02	6.1	27	9.0	21	23	18	23	24	
25	56*	27	42	26	20	34	23	0		0		0.0	0.00	29.15	29.88	11.2	21	12.5	28	26	22	25	25	
26	54	27	41	25	20	34	24	0		0		0.0	0.00	29.13	29.84	7.4	17	7.9	16	19	14	19	26	
27	54	33	44*	27	28	37	21	0	BR	0		0.0	0.00	29.09	29.81	4.5	23	9.8	23	34	18	33	27	
28	36	29	33	16	29	32	32	0	BR	0		0.0	0.00	29.23	29.96	7.0	05	8.5	18	03	14	02	28	
29	29	25	27	10	18	24	38	0		0		0.0	0.00	29.35	30.10	6.2	07	6.9	16	07	13	09	29	
30	30	25	28	11	19	25	37	0		0		0.0	0.00	29.55	30.31	3.7	02	4.6	13	07	10	09	30	
31	28	24	26	9	22	25	39	0	SN BR UP HZ	T		3.3	0.26	29.37	30.12	7.7	01	8.4	17	03	15	34	31	
35.8		19.9	27.9	■ ■	19.4	25.4	36.9	0.0	< MONTHLY AVERAGES		TOTALS->			6.4	0.44	29.24	29.98	2.1	26	8.4	<- MONTHLY AVERAGES			
10.3		13.6	12.0	■ ■	<-----DEPARTURE FROM NORMAL----->								-.75		SUNSHINE, CLOUD, & VISIBILITY TABLES ON PAGE 3									
DEGREE DAYS									GREATEST 24-HR PRECIPITATION: 0.26    DATE :31					SEA LEVEL PRESSURE					DATE    TIME					
MONTHLY									GREATEST 24-HR SNOWFALL: 3.3    DATE :31					MAXIMUM					: 30.58    02 0753					
SEASON TO DATE									GREATEST SNOW DEPTH: 2    DATE :20+					MINIMUM					: 29.52    09 0353					
TOTAL DEPARTURE																								
HEATING: 1143    -426									3419    -1036															
COOLING: 0    0									0    0															
									NUMBER OF DAYS WITH ➔		MAXIMUM TEMP ≥ 90: 0			MINIMUM TEMP ≤ 32 :29			PRECIPITATION ≥ 0.01 INCH : 5							
											MAXIMUM TEMP ≤ 32 :13			MINIMUM TEMP ≤ 0 : 0			PRECIPITATION ≥ 0.10 INCH : 1							
											THUNDERSTORMS : 0			HEAVY FOG : 0			SNOWFALL ≥ 1.0 INCH : 3							

**JANUARY 2002  
LA CROSSE, WI**

# HOURLY PRECIPITATION

(WATER EQUIVALENT IN INCHES)

LA CROSSE, WI

JANUARY 2002

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				T	T	T	T	T	T	T	T	T	01	T	T	T										01			T
02													02													02			0.00
03													03													03			0.00
04													04													04			0.00
05			T										05													05			T
06													06	T	T	T										06			T
07												T	07													07			0.00
08													08													08			0.00
09													09													09			0.00
10													10													10			0.00
11													11													11			0.00
12							T		T				12													12			T
13													13													13			0.03
14	T	T	T	0.02	0.01	0.01				T	T	T	14	T				T	T		0.01	T	T	0.02	0.01	14			0.08
15	T	T	T		T	T							15												T	15			T
16							T	T	0.01	0.02	0.02	T	16	T	T	T	T									16			0.05
17													17													17			T
18													18													18			0.00
19					T	T	T	T	T				19													19	T		0.02
20													20													20			0.00
21			T	T									21													21			T
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													28			0.00
29													29													29			0.00
30													30													30			0.00
31		T	T	0.01	0.01	T	T	0.01	T	0.01	T		31		T	0.01	0.01	T	0.02	0.04	T	0.01	0.01	T	0.01	31	0.15		0.26

## 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  
JANUARY 2002**

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.

<div style="writing-mode: vertical-rl; transform: rotate(180deg);">DATE</div>	SUNSHINE		CLOUDINESS (OKTAS)				VISIBILITY (MILES)		RESERVED
	TOTAL MINUTES	PERCENT POSSIBLE	SR—SS		MN—MN		MINIMUM	MAXIMUM	
			CEILOMETER	SATELLITE	CEILOMETER	SATELLITE			
01							2.50	10.00	
02							10.00	10.00	
03							10.00	10.00	
04							8.00	10.00	
05							7.00	10.00	
06							8.00	10.00	
07							10.00	10.00	
08							10.00	10.00	
09							10.00	10.00	
10							10.00	10.00	
11							10.00	10.00	
12							10.00	10.00	
13							4.00	10.00	
14							1.25	10.00	
15							4.00	10.00	
16							.75	10.00	
17							2.00	10.00	
18							10.00	10.00	
19							2.00	10.00	
20							9.00	10.00	
21							6.00	10.00	
22							10.00	10.00	
23							7.00	10.00	
24							9.00	10.00	
25							10.00	10.00	
26							10.00	10.00	
27							5.00	10.00	
28							5.00	10.00	
29							10.00	10.00	
30							7.00	10.00	
31							.75	10.00	
MONTHLY AVGS							7.23	10.00	

**SUNSHINE (MINUTES)**

Total:                  Possible:

                             Percent Possible:

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**NUMBER OF DAYS WITH:**

**SKY CONDITION**

CLR   PTLY CLDY   CLOUDY   MISSING

                                    31

**MINIMUM VISIBILITY (MILES)**

<=0.25                  <=3.0                  >=7.0

                                    0                     5                     20

## OBSERVATIONS AT 3-HOURLY INTERVALS

LA CROSSE, WI

JANUARY 2002

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: 0739	JAN 01			SUNSET: 1638										SUNRISE: 0739	JAN 07									
03	OVC	070			10.00		11	2	9	67	8	32	29.55	30.33	03	CLR	NC			10.00	9	3	8	77	3	03	29.49	30.26	
06	OVC	070			9.00		10	6	9	84	6	33	29.57	30.35	06	CLR	NC			10.00	9	4	8	80	0	00	29.47	30.24	
09	OVC	043			4.00	-SN BR	12	8	11	84	6	34	29.65	30.42	09	CLR	NC			10.00	11	6	10	81	9	21	29.47	30.24	
12	OVC	020			10.00	UP	17	10	15	74	10	34	29.66	30.43	12	CLR	NC			10.00	21	8	18	57	9	20	29.38	30.14	
15	CLR	NC			10.00		20	11	18	68	9	32	29.68	30.45	15	CLR	NC			10.00	28	8	22	43	14	21	29.28	30.03	
18	CLR	NC			10.00		13	8	12	81	5	36	29.72	30.50	18	CLR	NC			10.00	25	11	21	55	9	21	29.23	29.99	
21	BKN	038			10.00		10	6	9	84	6	01	29.75	30.53	21	CLR	NC			10.00	25	13	21	60	10	20	29.18	29.93	
24	CLR	NC			10.00		10	6	9	84	6	01	29.75	30.53	24	CLR	NC			10.00	25	14	22	63	10	18	29.10	29.85	
					SUNRISE: 0739	JAN 02			SUNSET: 1639										SUNRISE: 0739	JAN 08									
03	CLR	NC			10.00		6	3	5	87	5	01	29.79	30.57	03	CLR	NC			10.00	25	16	22	69	9	20	29.06	29.80	
06	CLR	NC			10.00		6	2	5	83	0	00	29.78	30.56	06	CLR	NC			10.00	25	17	22	72	8	17	29.01	29.75	
09	CLR	NC			10.00		7	4	6	87	0	00	29.79	30.57	09	CLR	NC			10.00	27	18	24	69	7	19	29.00	29.75	
12	CLR	NC			10.00		17	8	15	68	7	34	29.74	30.52	12	CLR	NC			10.00	37	23	32	57	12	18	28.94	29.67	
15	CLR	NC			10.00		22	8	18	55	8	35	29.68	30.45	15	CLR	NC			10.00	46	29	39	51	10	17	28.87	29.59	
18	CLR	NC			10.00		14	6	12	71	6	25	29.65	30.44	18	CLR	NC			10.00	43	34	39	71	8	20	28.86	29.59	
21	CLR	NC			10.00		8	4	7	83	0	00	29.64	30.42	21	CLR	NC			10.00	43	36	40	76	8	16	28.83	29.56	
24	CLR	NC			10.00		7	3	6	84	5	21	29.59	30.37	24	CLR	NC			10.00	42	34	39	73	8	25	28.82	29.54	
					SUNRISE: 0739	JAN 03			SUNSET: 1640										SUNRISE: 0738	JAN 09									
03	CLR	NC			10.00		4	1	3	88	3	16	29.58	30.36	03	CLR	NC			10.00	43	33	39	68	13	20	28.82	29.53	
06	CLR	NC			10.00		3	-1	2	83	6	19	29.58	30.36	06	CLR	NC			10.00	46	33	40	61	14	30	28.85	29.56	
09	CLR	NC			10.00		7	3	6	84	7	19	29.58	30.36	09	CLR	NC			10.00	43	34	39	71	8	27	28.91	29.62	
12	CLR	NC			10.00		19	10	17	68	10	18	29.50	30.27	12	CLR	NC			10.00	48	35	42	61	9	27	28.93	29.65	
15	CLR	NC			10.00		25	11	21	55	14	22	29.44	30.21	15	CLR	NC			10.00	49	32	41	52	8	28	28.96	29.67	
18	CLR	NC			10.00		20	12	18	71	8	19	29.41	30.18	18	CLR	NC			10.00	42	33	38	71	6	31	29.02	29.73	
21	CLR	NC			10.00		19	13	17	77	7	16	29.36	30.14	21	CLR	NC			10.00	40	32	37	73	5	30	29.07	29.78	
24	CLR	NC			10.00		20	12	18	71	12	19	29.31	30.06	24	CLR	NC			10.00	36	31	34	82	8	27	29.11	29.83	
					SUNRISE: 0739	JAN 04			SUNSET: 1641										SUNRISE: 0738	JAN 10									
03	CLR	NC			10.00		22	11	19	63	17	21	29.23	29.98	03	CLR	NC			10.00	33	30	32	89	8	28	29.14	29.86	
06	CLR	NC			10.00		21	12	18	68	12	21	29.20	29.95	06	CLR	NC			10.00	32	30	31	92	9	30	29.17	29.89	
09	CLR	NC			10.00		23	14	20	68	9	20	29.20	29.96	09	BKN	020			10.00	34	30	32	85	7	29	29.21	29.94	
12	CLR	NC			10.00		30	18	26	61	8	24	29.18	29.92	12	OVC	024			10.00	38	31	35	76	10	31	29.23	29.95	
15	CLR	NC			10.00		33	21	29	61	10	20	29.15	29.89	15	OVC	024			10.00	37	30	34	76	10	30	29.23	29.96	
18	CLR	NC			10.00		30	22	27	72	5	19	29.16	29.90	18	OVC	028			10.00	36	28	33	73	13	32	29.26	30.00	
21	BKN	110			10.00		30	24	28	79	3	19	29.18	29.92	21	OVC	029			10.00	35	24	31	64	18	34	29.30	30.03	
24	FEW	NC			8.00		29	24	27	82	6	22	29.17	29.91	24	OVC	029			10.00	34	24	30	67	17	33	29.33	30.07	
					SUNRISE: 0739	JAN 05			SUNSET: 1642										SUNRISE: 0738	JAN 11									
03	OVC	034			8.00		30	27	29	88	0	00	29.18	29.91	03	OVC	023			10.00	32	25	29	75	8	29	29.35	30.09	
06	OVC	095			10.00		28	24	27	85	3	27	29.19	29.93	06	CLR	NC			10.00	25	22	24	88	6	20	29.32	30.07	
09	SCT	NC			8.00		28	24	27	85	6	20	29.21	29.95	09	CLR	NC			10.00	30	27	29	88	5	19	29.31	30.05	
12	OVC	013			8.00		34	28	32	79	0	00	29.18	29.92	12	CLR	NC			10.00	41	28	36	60	9	20	29.26	29.98	
15	CLR	NC			10.00		38	29	34	70	5	34	29.14	29.87	15	CLR	NC			10.00	48	28	40	46	13	24	29.19	29.91	
18	CLR	NC			10.00		34	28	32	79	9	29	29.20	29.94	18	CLR	NC			10.00	39	28	35	65	0	00	29.19	29.92	
21	OVC	024			10.00		33	27	31	78	8	33	29.20	29.93	21	CLR	NC			10.00	34	28	32	79	6	19	29.15	29.88	
24	OVC	075			10.00		28	24	27	85	3	26	29.21	29.95	24	CLR	NC			10.00	32	29	31	88	6	19	29.12	29.84	
					SUNRISE: 0739	JAN 06			SUNSET: 1643										SUNRISE: 0737	JAN 12									
03	OVC	060			10.00		30	25	28	82	3	04	29.21	29.95	03	CLR	NC			10.00	30	27	29	88	3	29	29.10	29.82	
06	OVC	032			10.00		30	25	28	82	8	33	29.22	29.95	06	OVC	023			10.00	34	30	32	85	15	32	29.09	29.82	
09	OVC	034			10.00		28	15	24	58	10	02	29.28	30.01	09	CLR	NC			10.00	35	26	32	70	14	33	29.11	29.84	
12	OVC	022			9.00	-SN	25	17	23	72	15	34	29.32	30.07	12	CLR	NC			10.00	39	24	33	55	16	32	29.07	29.79	
15	OVC	031			10.00		24	13	21	62	13	36	29.37	30.12	15	CLR	NC			10.00	40	20	33	45	17				

## OBSERVATIONS AT 3-HOURLY INTERVALS

LA CROSSE, WI

JANUARY 2002

LSE

WBAN # 14920

HOUR (LST)			SATELLITE		WEATHER	TEMPERATURE °F				WIND		PRESSURE (INCHES, HG)		HOUR (LST)			SATELLITE		WEATHER	TEMPERATURE °F				WIND		PRESSURE (INCHES, HG)	
			OBSERVATION TIME (LST)	EFF CLD AMT <small>Okta</small>		VISIBILITY (MILES)	DRY BULB	DEW POINT	WET BULB			RELATIVE HUMIDITY (PCT)	SPEED (MPH)				DIRECTION TENS OF DEG	STATION		SEA LEVEL	OBSERVATION TIME (LST)	EFF CLD AMT <small>Okta</small>	VISIBILITY (MILES)			DRY BULB	DEW POINT
			SUNRISE: 0737		JAN 13	SUNSET: 1651										SUNRISE: 0734		JAN 19	SUNSET: 1658								
03	CLR	NC		10.00		23	20	22	88	7	20	29.03	29.76	03	OVC	070		10.00		9	2	8	73	9	19	29.31	30.08
06	CLR	NC		10.00		25	21	24	85	5	13	28.99	29.72	06	OVC	045		3.00	-SN BR	12	9	11	87	9	16	29.25	30.02
09	BKN	100		10.00		27	22	25	81	7	13	28.99	29.72	09	OVC	019		10.00		17	13	16	84	10	18	29.19	29.96
12	BKN	042		10.00		35	24	31	64	9	11	28.90	29.63	12	OVC	015		7.00		25	20	23	81	17	22	29.14	29.90
15	FEW	NC		10.00		40	20	33	45	15	14	28.84	29.57	15	CLR	NC		10.00		29	18	25	64	15	24	29.07	29.83
18	OVC	050		10.00		38	22	32	53	16	11	28.85	29.58	18	CLR	NC		10.00		26	17	23	69	15	22	29.05	29.80
21	OVC	045		10.00		38	25	33	60	8	14	28.86	29.59	21	CLR	NC		10.00		27	17	24	66	9	27	29.09	29.84
24	OVC	044		4.00	-SN	35	30	33	82	7	13	28.85	29.58	24	CLR	NC		10.00		22	15	20	75	6	25	29.14	29.88
			SUNRISE: 0736		JAN 14	SUNSET: 1652										SUNRISE: 0733		JAN 20	SUNSET: 1660								
03	OVC	030		5.00	-SN BR	34	30	32	85	7	VR	28.83	29.55	03	CLR	NC		10.00		21	16	20	81	6	17	29.15	29.90
06	OVC	018		6.00	BR	33	32	33	96	7	10	28.82	29.55	06	CLR	NC		10.00		16	12	15	84	6	16	29.14	29.89
09	OVC	026		10.00		34	32	33	92	10	09	28.85	29.58	09	OVC	090		10.00		20	17	19	89	3	13	29.13	29.88
12	OVC	009		9.00	-SN	32	30	31	92	10	01	28.89	29.62	12	OVC	100		10.00		28	21	26	75	12	17	29.06	29.81
15	OVC	013		10.00		32	30	31	92	10	34	28.95	29.68	15	BKN	095		10.00		36	23	31	59	17	18	28.96	29.69
18	OVC	011		9.00		30	29	30	96	13	33	29.04	29.77	18	CLR	NC		10.00		35	21	30	57	12	19	28.92	29.66
21	OVC	020		2.50	-SN BR	29	27	28	92	7	31	29.09	29.82	21	CLR	NC		10.00		32	22	28	66	13	19	28.91	29.65
24	OVC	047		5.00	-SN BR	27	25	26	92	7	30	29.13	29.87	24	CLR	NC		10.00		31	23	28	72	13	17	28.88	29.62
			SUNRISE: 0736		JAN 15	SUNSET: 1653										SUNRISE: 0732		JAN 21	SUNSET: 1701								
03	OVC	018		10.00		28	24	27	85	9	30	29.20	29.93	03	OVC	060		6.00	-SN	30	25	28	82	6	24	28.88	29.61
06	OVC	016		10.00		29	24	27	82	10	31	29.26	30.00	06	OVC	019		9.00		26	19	24	75	15	31	28.95	29.68
09	OVC	016		9.00		29	24	27	82	13	31	29.35	30.10	09	SCT	NC		10.00		25	17	22	72	6	32	29.06	29.80
12	OVC	029		10.00		29	20	26	69	12	29	29.41	30.16	12	BKN	100		10.00		29	19	26	66	0	00	29.12	29.86
15	OVC	031		10.00		27	18	24	69	10	29	29.44	30.19	15	CLR	NC		10.00		35	24	31	64	10	19	29.10	29.83
18	OVC	031		10.00		23	16	21	74	7	31	29.46	30.21	18	CLR	NC		10.00		30	23	28	75	5	14	29.13	29.87
21	OVC	027		10.00		24	17	22	75	6	26	29.47	30.23	21	CLR	NC		10.00		32	24	29	73	9	17	29.14	29.88
24	OVC	033		10.00		23	17	21	78	5	27	29.51	30.26	24	CLR	NC		10.00		33	21	29	61	9	16	29.17	29.91
			SUNRISE: 0735		JAN 16	SUNSET: 1654										SUNRISE: 0731		JAN 22	SUNSET: 1702								
03	OVC	021		10.00		23	16	21	74	6	28	29.47	30.23	03	CLR	NC		10.00		33	20	29	59	10	16	29.16	29.89
06	OVC	060		5.00	-SN	22	17	20	82	0	00	29.41	30.17	06	OVC	110		10.00		35	19	29	52	15	19	29.14	29.87
09	OVC	018		1.25	-SN BR	22	20	21	92	0	00	29.37	30.13	09	CLR	NC		10.00		37	20	31	50	17	19	29.12	29.85
12	OVC	019		5.00	-SN	24	19	22	81	3	34	29.32	30.08	12	CLR	NC		10.00		45	24	37	44	17	19	29.04	29.76
15	OVC	024		4.00	-SN BR	24	20	23	84	0	00	29.27	30.01	15	CLR	NC		10.00		50	26	40	39	14	19	28.92	29.64
18	OVC	090		10.00		21	14	19	74	12	28	29.29	30.04	18	CLR	NC		10.00		45	25	37	46	10	19	28.89	29.61
21	OVC	027		10.00		20	12	18	71	8	30	29.32	30.08	21	CLR	NC		10.00		40	25	34	55	7	15	28.90	29.62
24	BKN	028		10.00		18	13	17	81	7	28	29.32	30.09	24	CLR	NC		10.00		36	24	32	62	9	21	28.93	29.65
			SUNRISE: 0735		JAN 17	SUNSET: 1656										SUNRISE: 0731		JAN 23	SUNSET: 1703								
03	BKN	015		10.00		11	9	10	92	0	00	29.35	30.12	03	CLR	NC		10.00		30	24	28	79	0	00	28.96	29.68
06	BKN	010		8.00		10	8	10	92	0	00	29.36	30.14	06	CLR	NC		10.00		29	25	28	85	3	05	29.04	29.77
09	OVC	014		2.50	-SN BR	16	12	15	84	7	23	29.41	30.18	09	OVC	019		7.00		31	28	30	89	8	35	29.14	29.87
12	CLR	NC		10.00		23	13	20	65	12	29	29.41	30.17	12	OVC	023		10.00		35	28	32	76	12	36	29.19	29.92
15	CLR	NC		10.00		24	11	20	57	8	30	29.39	30.16	15	OVC	023		10.00		35	26	32	70	10	35	29.22	29.96
18	CLR	NC		10.00		17	9	15	70	10	29	29.41	30.19	18	OVC	023		10.00		32	25	29	75	8	36	29.27	30.00
21	OVC	060		10.00		15	9	14	77	6	30	29.43	30.20	21	OVC	021		10.00		31	24	28	76	9	33	29.29	30.02
24	CLR	NC		10.00		12	6	11	77	8	28	29.45	30.22	24	OVC	023		10.00		29	21	26	72	6	35	29.31	30.04
			SUNRISE: 0734		JAN 18	SUNSET: 1657										SUNRISE: 0730		JAN 24	SUNSET: 1705								
03	CLR	NC		10.00		11	0	9	61	8	31	29.49	30.27	03	OVC	021		10.00		26	18	23	71	10	33	29.31	30.04
06	CLR	NC		10.00		3	-5	2	69	10	33	29.54	30.32	06	OVC	019		9.00		23	16	21	74	12	28	29.32	30.06
09	CLR	NC		10.00		6	-6	4	57	3	35	29.59	30.37	09	BKN	013		10.00		21	14	19	74	6	27	29.34	30.09
12	CLR	NC		10.00		10	-4	7	53	0	00	29.59	30.37	12	CLR	NC		10.00		28	18	25	66	9	19	29.29	30.03
15	CLR	NC		10.00		12	-1	9	56	9	33	29.52	30.29	15	CLR	NC		10.00		37	20	31	50	8	21	29.21	29.95
18	CLR	NC		10.00		7	-3	5	63	5	VR	29.49	30.28	18	SCT	NC		10.00		35	21	30	57	10	23	29.22	29.96
21	CLR	NC		10.00		6	-2	5	69	6	18	29.45	30.24	21	CLR	NC		10.00		32	21	28	64	5	23		

## OBSERVATIONS AT 3-HOURLY INTERVALS

LA CROSSE, WI

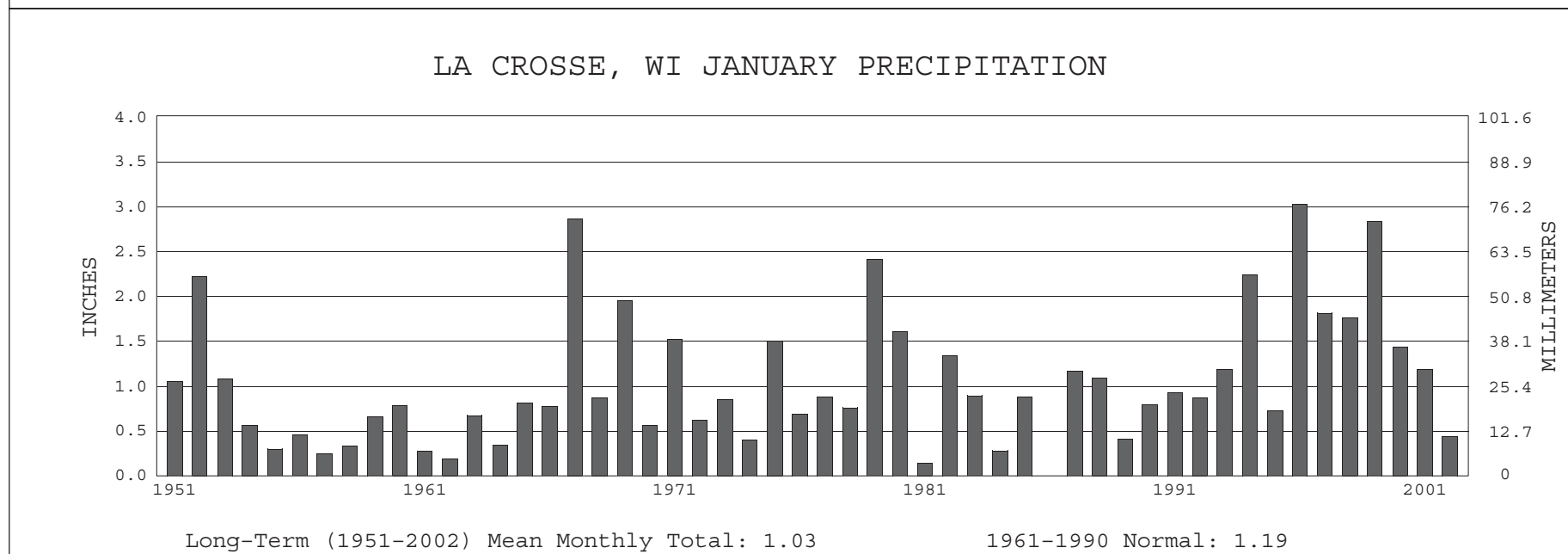
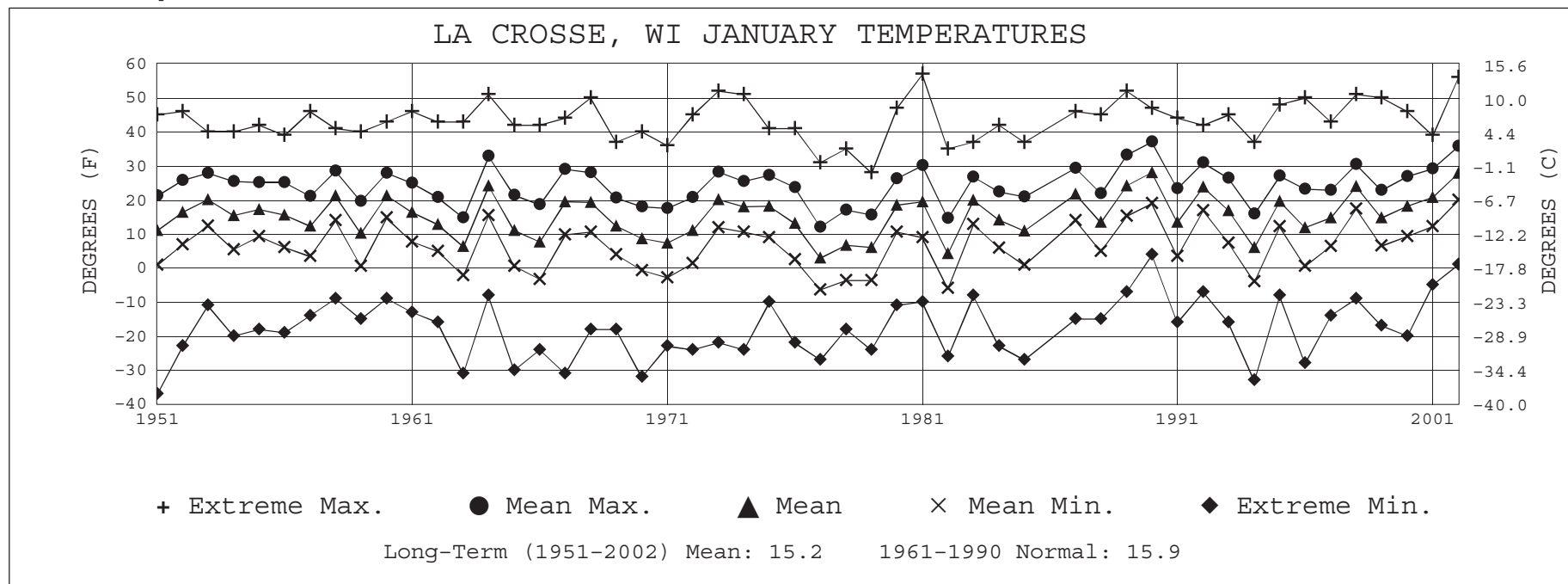
JANUARY 2002

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 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 OFFT	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: 0729					JAN 25	SUNSET: 1706					SUNRISE: 0723					JAN 31	SUNSET: 1714															
03	CLR	NC			10.00	30	20	27	66	10	20	29.25	29.98	03	OVC	023			3.00	-SN	BR	25	22	24	88	5	03	29.51	30.27			
06	FEW	NC			10.00	29	19	26	66	13	17	29.21	29.94	06	OVC	065			7.00	-SN		24	21	23	88	6	35	29.47	30.22			
09	CLR	NC			10.00	37	17	30	44	15	20	29.15	29.88	09	OVC	018			2.00	-SN	BR	25	22	24	88	5	36	29.47	30.22			
12	CLR	NC			10.00	47	19	36	33	14	22	29.13	29.85	12	OVC	018			10.00			28	22	26	78	10	02	29.41	30.16			
15	CLR	NC			10.00	56	19	41	24	14	23	29.08	29.80	15	OVC	014			1.25	-SN	BR	27	23	26	85	9	04	29.32	30.07			
18	CLR	NC			10.00	51	22	39	32	15	23	29.09	29.82	18	OVC	010			1.00	-SN	BR	26	24	25	92	8	01	29.29	30.03			
21	CLR	NC			10.00	47	23	37	39	9	18	29.13	29.85	21	OVC	050			4.00	-SN	BR	26	22	25	84	8	01	29.21	29.95			
24	CLR	NC			10.00	43	17	34	35	10	20	29.14	29.85	24	OVC	006			1.25	-SN	BR	24	22	23	91	14	34	29.17	29.92			
SUNRISE: 0728					JAN 26	SUNSET: 1707					3-HOURLY OBSERVATION NOTES																					
03	CLR	NC			10.00	37	17	30	44	6	15	29.17	29.88	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 Visiblity = 8/8.																		
06	CLR	NC			10.00	29	19	26	66	6	18	29.16	29.88	Ceiling is reported in hundreds of feet above ground level for clouds at or below 12,000 feet.																		
09	CLR	NC			10.00	36	19	30	50	7	14	29.15	29.87	NC= No ceiling detected.																		
12	CLR	NC			10.00	46	19	36	34	8	17	29.13	29.85	& = Original observation contained additional weather elements.																		
15	CLR	NC			10.00	52	21	40	30	10	19	29.10	29.81	See page 3 for additional notes.																		
18	CLR	NC			10.00	47	22	37	37	10	19	29.10	29.82																			
21	CLR	NC			10.00	42	23	35	47	9	15	29.10	29.83																			
24	CLR	NC			10.00	42	24	35	49	7	15	29.10	29.82																			
SUNRISE: 0727					JAN 27	SUNSET: 1709																										
03	CLR	NC			10.00	43	25	36	49	9	15	29.06	29.77																			
06	CLR	NC			10.00	40	26	35	58	13	21	29.05	29.77																			
09	CLR	NC			10.00	41	27	35	57	6	VR	29.09	29.80																			
12	CLR	NC			10.00	51	29	42	43	13	21	29.07	29.78																			
15	CLR	NC			10.00	53	30	43	41	12	22	29.03	29.74																			
18	CLR	NC			10.00	45	29	38	54	3	VR	29.08	29.80																			
21	CLR	NC			10.00	35	29	33	78	18	34	29.16	29.88																			
24	OVC	018			6.00	BR	33	30	32	89	8	33	29.22	29.94																		
SUNRISE: 0726					JAN 28	SUNSET: 1710																										
03	OVC	018			8.00	33	30	32	89	7	36	29.22	29.94																			
06	OVC	016			10.00	33	28	31	82	8	04	29.25	29.97																			
09	OVC	020			10.00	34	28	32	79	6	03	29.25	29.98																			
12	OVC	020			10.00	35	28	32	76	9	10	29.20	29.93																			
15	OVC	018			10.00	35	29	33	78	8	10	29.19	29.93																			
18	OVC	016			9.00	33	30	32	89	8	10	29.25	29.98																			
21	OVC	012			10.00	31	28	30	89	8	06	29.26	30.00																			
24	OVC	013			7.00	29	27	28	92	12	03	29.26	30.00																			
SUNRISE: 0725					JAN 29	SUNSET: 1712																										
03	OVC	019			10.00	28	22	26	78	7	05	29.31	30.05																			
06	OVC	021			10.00	27	20	25	75	6	05	29.32	30.06																			
09	OVC	025			10.00	27	16	24	63	9	08	29.36	30.11																			
12	OVC	050			10.00	27	15	23	61	7	09	29.36	30.11																			
15	OVC	045			10.00	27	14	23	58	8	11	29.33	30.08																			
18	OVC	060			10.00	27	16	24	63	6	07	29.37	30.12																			
21	OVC	060			10.00	26	18	23	71	6	09	29.40	30.16																			
24	OVC	036			10.00	25	18	23	75	3	10	29.43	30.19																			
SUNRISE: 0724					JAN 30	SUNSET: 1713																										
03	OVC	026			10.00	25	20	23	81	3	35	29.48	30.24																			
06	OVC	020			10.00	26	19	24	75	0	00	29.51	30.26																			
09	OVC	016			7.00	26	21	24	81	8	35	29.57	30.32																			
12	OVC	020			10.00	28	19	25	69	6	34	29.59	30.35																			
15	OVC	026			10.00	30	18	26	61	8	02	29.56	30.32																			
18	OVC	030			10.00	28	17	25	63	6	03	29.58	30.34																			
21	OVC	028			10.00	29	19	26	66	3	VR	29.59	30.34																			
24	OVC	070			10.00	28	19	25	69	7	08	29.55	30.30																			







JANUARY 2002

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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