



FEBRUARY 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): 654 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	22	-4	9	-7	-2	6	56	0	SN	8		T	T	29.43	30.20	10.9	29	12.1	30	31	25	31	01	
02	7	-8*	0*	-16	-8	-1	65	0	SN	8		0.3	0.02	29.56	30.36	4.7	23	6.6	18	20	15	20	02	
03	26	6	16	0	12	16	49	0	SN BR HZ	8		0.6	0.05	29.28	30.05	8.2	18	8.4	17	16	15	17	03	
04	27	21	24	8	21	24	41	0	SN FG+ FZFG BR HZ	9		T	T	29.28	30.03	4.9	35	6.9	20	34	17	34	04	
05	28	19	24	7	20	23	41	0	SHSN BR	9		T	T	29.22	29.96	5.4	21	6.5	16	18	14	18	05	
06	29	15	22	5	20	23	43	0	BR	9		0.0	0.00	29.36	30.11	5.4	32	7.4	18	33	16	33	06	
07	28	10	19	2	17	20	46	0	RA FZRA SN BR UP	9		1.2	0.10	29.50	30.26	3.9	07	5.9	24	10	17	08	07	
08	33	26	30	12	29	30	35	0	RA FZRA BR UP	9		0.1	0.17	29.25	29.99	4.4	03	6.3	17	06	14	06	08	
09	32	7	20	2	17	20	45	0	RA FZRA SN BR UP	11		2.6	0.44	29.19	29.94	9.7	33	10.0	30	34	24	33	09	
10	9	-1	4	-14	-5	2	61	0		11		0.0	0.00	29.78	30.58	6.4	33	7.0	20	32	17	32	10	
11	22	-6	8	-10	1	8	57	0		11		0.0	0.00	29.79	30.59	4.2	14	5.6	17	16	15	16	11	
12	31	22	27	8	21	25	38	0	BR HZ	10		0.0	0.00	29.51	30.26	5.6	23	8.6	17	20	14	20	12	
13	32	24	28	9	26	28	37	0	SN BR HZ	10		0.1	0.01	29.48	30.22	5.6	19	5.9	14	20	12	21	13	
14	32	10	21	2	11	17	44	0	BR HZ	10		0.0	0.00	29.38	30.13	12.0	35	12.2	21	34	20	35	14	
15	22	1	12	-8	7	12	53	0	SHSN BR HZ	10		T	T	29.39	30.16	1.5	25	3.9	9	25	8	27	15	
16	21	1	11	-9	4	11	54	0	SN	10		T	T	29.61	30.38	15.0	32	15.3	29	31	24	32	16	
17	12	-4	4	-17	-7	2	61	0		10		0.0	0.00	29.87	30.66	5.9	31	6.7	16	34	15	33	17	
18	25	-4	11	-10	4	10	54	0	SN	10		0.1	T	29.57	30.35	9.7	19	10.1	24	22	21	22	18	
19	33	19	26	5	21	26	39	0	HZ	10		0.0	0.00	29.22	29.96	7.9	27	9.9	22	24	18	23	19	
20	20	6	13	-9	2	11	52	0		10		0.0	0.00	29.57	30.34	9.8	30	10.1	24	29	21	32	20	
21	12	-6	3	-19	-11	2	62	0		10		0.0	0.00	29.81	30.60	3.6	34	4.6	15	33	14	33	21	
22	27	10	19	-3	10	16	46	0	SN BR	10		0.7	0.04	29.36	30.13	7.9	26	12.3	28	29	25	29	22	
23	24	0	12	-11	5	13	53	0	SN BR	10		T	T	29.57	30.34	1.5	12	5.8	17	12	14	13	23	
24	37	24	31*	8	27	31	34	0	RA FZRA SN BR UP HZ	10		T	0.08	29.02	29.76	9.2	14	9.4	23	16	20	15	24	
25	41*	18	30	6	22	27	35	0	RA SN HZ	9		T	0.05	28.97	29.70	15.2	28	18.0	44*	28	35*	29	25	
26	24	11	18	-6	10	15	47	0	SN BR	9		0.5	0.03	29.67	30.44	5.0	31	6.3	17	34	15	34	26	
27	15	2	9	-16	-4	6	56	0		9		0.0	0.00	29.82	30.60	8.4	33	9.2	16	29	14	30	27	
28	24	-3	11	-14	0	9	54	0		9		0.0	0.00	29.50	30.27	7.7	21	8.6	18	22	15	21	28	
24.8 7.7 16.3 ■■ 9.7 15.4 48.5 0.0 < MONTHLY AVERAGES TOTALS->												6.2	0.99	29.46	30.23	3.3	29	8.6	<- MONTHLY AVERAGES					
-4.8 -2.4 -3.6 ■■ <-----DEPARTURE FROM NORMAL----->												0.09	SUNSHINE, CLOUD, & VISIBILITY TABLES ON PAGE 3											
DEGREE DAYS									GREATEST 24-HR PRECIPITATION: 0.44 DATE :09					SEA LEVEL PRESSURE DATE TIME										
MONTHLY TOTAL DEPARTURE 1358 95									GREATEST 24-HR SNOWFALL: 2.6 DATE :09					MAXIMUM : 30.74 17 0953										
SEASON TO DATE TOTAL DEPARTURE 5902 184									GREATEST SNOW DEPTH: 11 DATE : 11+					MINIMUM : 29.08 25 0353										
HEATING: 1358 95									NUMBER OF DAYS WITH → MAXIMUM TEMP ≥ 90: 0					MINIMUM TEMP ≤ 32 : 28					PRECIPITATION ≥ 0.01 INCH : 10					
COOLING: 0 0									MAXIMUM TEMP ≤ 32 : 24					MINIMUM TEMP ≤ 0 : 9					PRECIPITATION ≥ 0.10 INCH : 3					
									THUNDERSTORMS : 0					HEAVY FOG : 1					SNOWFALL ≥ 1.0 INCH : 2					

FEBRUARY 2001
LA CROSSE, WI

HOURLY PRECIPITATION

(WATER EQUIVALENT IN INCHES)

LA CROSSE, WI

FEBRUARY 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						T	T	T					01												01			T
02													02								T	T	T	T	02	T		0.02
03	T			T	T	T	T	T	T				03				T	0.01	T	T	T	T	T	03	0.01		0.05	
04										T	T		04				T	T						04			T	
05													05											05	0.00		T	
06													06											06			0.00	
07											T	T	07			T	0.01	T	T	0.01	T	0.01	0.02	T	07	0.05	0.10	
08	T				T	T		T	T		T		08		0.01	T	0.01		0.05	0.01	T	T	0.02	0.06	08	0.16	0.17	
09	0.04	0.02	0.06	0.02	0.02	T	T	T	T	T	T		09												09	0.16	0.44	
10													10												10		0.00	
11													11												11		0.00	
12													12												12		0.00	
13													13						T	T	T	T			13	T	0.01	
14													14												14		0.00	
15													15												15	0.00	T	
16													16												16		T	
17								T					17												17		0.00	
18										T	T	T	18												18		T	
19													19												19		0.00	
20													20												20		0.00	
21													21												21		0.00	
22													22									T	T		22	0.01	0.04	
23		T	T	T	0.01	T	T	T	T	T	T		23	T											23		T	
24													24		0.01	T	0.01	0.03	T	T	0.01	0.02			24		0.08	
25	T	0.01		T	0.04	T			T	T			25										T		25		0.05	
26													26												26		0.03	
27								T	0.02	0.01	T	T	27												27		0.00	
28													28												28		0.00	

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
FEBRUARY 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							8.00	10.00	
02							2.50	10.00	
03							1.75	10.00	
04							<.25	10.00	
05							5.00	10.00	
06							5.00	10.00	
07							.50	9.00	
08							1.50	10.00	
09							.75	10.00	
10							10.00	10.00	
11							10.00	10.00	
12							6.00	10.00	
13							1.25	10.00	
14							3.00	10.00	
15							5.00	10.00	
16							8.00	10.00	
17							10.00	10.00	
18							5.00	10.00	
19							6.00	10.00	
20							9.00	10.00	
21							10.00	10.00	
22							1.25	10.00	
23							6.00	10.00	
24							1.75	10.00	
25							.50	10.00	
26							.75	10.00	
27							10.00	10.00	
28							10.00	10.00	
MONTHLY AVGS							5.16	9.96	
<p align="center">SUNSHINE (MINUTES)</p> <p>Total: Possible:</p> <p> Percent Possible:</p>									
<p align="center">NUMBER OF DAYS WITH:</p> <p align="center">SKY CONDITION</p> <p align="center">CLR PTLY CLDY CLOUDY MISSING</p> <p align="center">28</p> <p align="center">MINIMUM VISIBILITY (MILES)</p> <p align="center"><=0.25 <=3.0 >=7.0</p> <p align="center">1 10 9</p>									

OBSERVATIONS AT 3-HOURLY INTERVALS

LA CROSSE, WI

FEBRUARY 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: 0722 FEB 01 SUNSET: 1716						SUNRISE: 0715 FEB 07 SUNSET: 1724																								
03	CLR	NC			10.00	-SN	20	14	18	78	7	18	29.28	30.02	03	CLR	NC			2.00	BR		13	11	12	92	0	00	29.53	30.29
06	OVC	055			8.00		20	14	18	78	8	28	29.30	30.05	06	BKN	120			5.00	BR		13	11	12	92	0	00	29.54	30.31
09	SCT	NC			10.00		7	-4	5	60	15	29	29.42	30.18	09	OVC	065			4.00	BR		17	15	17	92	3	12	29.58	30.35
12	CLR	NC			10.00		5	-7	3	57	16	29	29.44	30.22	12	OVC	036			5.00	BR		21	17	20	85	6	32	29.55	30.32
15	CLR	NC			10.00		3	-7	1	62	17	29	29.46	30.24	15	OVC	050			8.00			26	19	24	75	0	00	29.51	30.27
18	CLR	NC			10.00	0	-10	-1	62	16	29	29.52	30.30	18	OVC	050			3.00	-SN BR		26	23	25	88	13	08	29.43	30.20	
21	CLR	NC			10.00	-2	-12	-3	62	12	30	29.57	30.36	21	OVC	018			5.00	BR		26	23	25	88	10	08	29.43	30.18	
24	CLR	NC			10.00	-4	-12	-5	68	9	29	29.58	30.37	24	OVC	010			6.00	UP BR		26	24	25	92	10	07	29.37	30.12	
SUNRISE: 0721 FEB 02 SUNSET: 1717						SUNRISE: 0713 FEB 08 SUNSET: 1726																								
03	CLR	NC			10.00	-6	-13	-7	71	6	27	29.60	30.40	03	OVC	008			8.00			28	25	27	88	7	08	29.32	30.07	
06	CLR	NC			10.00	-6	-13	-7	71	3	28	29.60	30.41	06	OVC	008			10.00			29	26	28	89	3	02	29.33	30.07	
09	CLR	NC			10.00	-7	-14	-8	71	0	00	29.64	30.45	09	OVC	006			9.00			30	28	29	92	5	10	29.33	30.07	
12					10.00	2	-10	0	57	0	00	29.61	30.42	12	OVC	006			6.00	BR		32	30	31	92	0	00	29.32	30.06	
15	CLR	NC			10.00	6	-6	4	57	7	18	29.54	30.33	15	OVC	006			4.00	-RA BR		33	31	32	92	7	06	29.20	29.94	
18	OVC	090			10.00	7	-5	5	57	5	22	29.50	30.30	18	OVC	010			2.00	BR		32	31	32	96	9	33	29.22	29.95	
21	OVC	045			8.00	5	-1	4	76	13	19	29.47	30.27	21	OVC	008			9.00			32	31	32	96	7	34	29.16	29.89	
24	OVC	055			7.00	6	1	5	80	15	19	29.43	30.23	24	OVC	010			5.00	FZRA BR		32	30	31	92	8	35	29.12	29.85	
SUNRISE: 0719 FEB 03 SUNSET: 1719						SUNRISE: 0712 FEB 09 SUNSET: 1727																								
03	OVC	029			10.00	8	2	7	76	8	16	29.39	30.17	03	OVC	004			0.75	-SN BR		29	27	28	92	0	00	29.08	29.81	
06	OVC	024			7.00	-SN	10	4	9	76	8	16	29.35	30.13	06	OVC	055			6.00	-SN BR		26	24	25	92	0	00	29.06	29.80
09	OVC	016			5.00	HZ	11	6	10	81	3	14	29.33	30.10	09	OVC	022			1.00	-SN BR		26	24	25	92	0	00	29.02	29.76
12	CLR	NC			10.00	18	10	16	71	9	19	29.30	30.07	12	OVC	016			10.00			24	19	22	81	16	35	29.12	29.86	
15	OVC	039			10.00	24	14	21	65	8	17	29.21	29.97	15	OVC	022			10.00			21	14	19	74	20	33	29.14	29.88	
18	OVC	023			3.00	-SN BR	24	21	23	88	7	17	29.22	29.98	18	OVC	032			10.00			18	9	16	68	20	32	29.30	30.05
21	OVC	021			4.00	BR	25	22	24	88	8	18	29.19	29.95	21	CLR	NC			10.00			14	5	12	67	20	33	29.43	30.18
24	OVC	013			7.00		26	22	25	84	8	18	29.16	29.91	24	CLR	NC			10.00			7	-1	5	70	12	31	29.52	30.30
SUNRISE: 0718 FEB 04 SUNSET: 1720						SUNRISE: 0711 FEB 10 SUNSET: 1728																								
03	OVC	007			5.00	BR	26	23	25	88	6	16	29.16	29.91	03	CLR	NC			10.00			2	-6	1	69	9	32	29.63	30.40
06	OVC	005			3.00	BR	26	24	25	92	0	00	29.20	29.94	06	CLR	NC			10.00			1	-7	0	68	10	31	29.73	30.51
09	OVC	002			1.00	-SN BR	26	25	26	96	9	34	29.25	30.00	09	CLR	NC			10.00			0	-7	-1	72	12	35	29.82	30.61
12	OVC	013			6.00	HZ	27	22	25	81	10	36	29.30	30.04	12	CLR	NC			10.00			3	-7	2	62	8	30	29.83	30.62
15	OVC	017			6.00	HZ	25	20	23	81	15	34	29.31	30.06	15	CLR	NC			10.00			9	-5	6	52	7	35	29.80	30.59
18	OVC	045			7.00		25	19	23	78	7	36	29.36	30.10	18	OVC	085			10.00			7	-4	5	60	0	00	29.84	30.64
21	OVC	038			10.00		24	18	22	77	10	32	29.38	30.13	21	BKN	110			10.00			4	-2	3	76	0	00	29.86	30.66
24	OVC	022			9.00		23	19	22	85	0	00	29.36	30.10	24	CLR	NC			10.00			2	-3	1	80	3	13	29.90	30.70
SUNRISE: 0717 FEB 05 SUNSET: 1721						SUNRISE: 0709 FEB 11 SUNSET: 1730																								
03	OVC	020			8.00		23	19	22	85	0	00	29.33	30.07	03	CLR	NC			10.00			0	-5	-1	79	3	15	29.92	30.71
06	OVC	014			10.00		23	18	21	81	9	22	29.28	30.03	06	CLR	NC			10.00			-3	-7	-3	82	6	15	29.92	30.72
09	OVC	010			9.00		19	16	18	88	9	21	29.26	30.01	09	CLR	NC			10.00			-2	-7	-3	79	6	13	29.91	30.71
12	SCT	NC			10.00		22	17	20	82	12	18	29.20	29.95	12	CLR	NC			10.00			8	-1	6	66	5	30	29.84	30.63
15	SCT	NC			10.00		26	19	24	75	6	18	29.13	29.88	15	CLR	NC			10.00			17	5	14	59	0	00	29.74	30.53
18	OVC	016			10.00		27	22	25	81	5	20	29.14	29.88	18	OVC	100			10.00			21	4	17	47	8	10	29.71	30.50
21	OVC	012			7.00		27	23	26	85	3	20	29.15	29.90	21	OVC	027			10.00			21	11	18	65	9	13	29.64	30.42
24	OVC	010			5.00	BR	28	25	27	88	6	30	29.19	29.93	24	OVC	080			10.00			22	15	20	75	13	16	29.59	30.36
SUNRISE: 0716 FEB 06 SUNSET: 1723						SUNRISE: 0708 FEB 12 SUNSET: 1731																								
03	OVC	014			6.00	BR	27	23	26	85	15	33	29.20	29.95	03	OVC	075			10.00			23	16	21	74	10	16	29.51	30.27
06	OVC	012			8.00		24	20	23	84	7	36	29.26	30.01	06	OVC	044			10.00			24	18	22	77	6	19	29.48	30.24
09	OVC	010			6.00	BR	24	20	23	84	8	34	29.33	30.08	09	OVC	040			7.00			25	20	23	81	13	20	29.47	30.23
12	OVC	012			8.00		27	21	25	78	6	34	29.38	30.12	12	OVC	018			6.00	HZ		28	23	26	81	9	23	29.47	30.22
15	OVC	018			8.00		29	22	27	75	9	29	29.39	30.14	15	OVC	023			8.00			31	25	29	79	8	28	29.47	30.23
18	CLR	NC			10.00		23	18	21	81	5	30	29.43	30.19	18	OVC	026			10.00			30	22	27	72	10	29	29.52	30.27
21	CLR	NC			5.00	BR	18	15	17	88	5	22	29.47	30.23	21	OVC	020			8.00			28	22	26	78	8	27	29.55	30.31
24	CLR	NC			5.00	BR	15	13	15	91	3	18	29.50	30.27	24	OVC	020			10.00			26	19	24	75	8	27	29.57	30.32

OBSERVATIONS AT 3-HOURLY INTERVALS

LA CROSSE, WI

FEBRUARY 2001

LSE

WBAN # 14920

HOUR (LST)			SATELLITE		VISIBILITY (MILES)	WEATHER	TEMPERATURE °F			RELATIVE HUMIDITY (PCT)	WIND		PRESSURE (INCHES, HG)		HOUR (LST)			SATELLITE		VISIBILITY (MILES)	WEATHER	TEMPERATURE °F			RELATIVE HUMIDITY (PCT)	WIND		PRESSURE (INCHES, HG)	
			OBSERVATION TIME (LST)	EFF CLD AMT Oktas			DRY BULB	DEW POINT	WET BULB		SPEED (MPH)	DIRECTION TENS OF DEG	STATION	SEA LEVEL		OBSERVATION TIME (LST)	EFF CLD AMT Oktas	DRY BULB	DEW POINT			WET BULB	SPEED (MPH)	DIRECTION TENS OF DEG		STATION	SEA LEVEL		
			SUNRISE: 0706				FEB 13		SUNSET: 1732							SUNRISE: 0658				FEB 19		SUNSET: 1741							
03	OVC	016			9.00		25	20	23	81	12	19	29.58	30.33	03	OVC	032			10.00		28	19	25	69	10	19	29.14	29.88
06	OVC	016			8.00		25	20	23	81	10	21	29.58	30.33	06	OVC	024			10.00		33	25	30	72	10	23	29.11	29.85
09	OVC	014			5.00	BR	27	23	26	85	5	16	29.54	30.29	09	OVC	018			6.00	HZ	32	26	30	79	9	27	29.13	29.87
12	OVC	014			4.00	BR	30	26	29	85	9	16	29.50	30.25	12	OVC	018			7.00		32	24	29	73	12	29	29.18	29.92
15	OVC	012			1.25	BR	31	30	31	96	6	19	29.43	30.17	15	BKN	018			6.00	HZ	31	22	28	69	10	29	29.23	29.97
18	OVC	036			2.50	BR	32	31	32	96	7	18	29.38	30.12	18	CLR	NC			6.00	HZ	27	19	24	72	10	27	29.30	30.03
21	OVC	008			2.00	-SN BR	32	31	32	96	7	21	29.39	30.13	21	FEW	NC			8.00		23	17	21	78	6	27	29.35	30.09
24	OVC	008			2.50	BR	32	31	32	96	0	00	29.34	30.07	24	OVC	120			8.00		19	14	18	81	10	30	29.40	30.14
			SUNRISE: 0705				FEB 14		SUNSET: 1734							SUNRISE: 0656				FEB 20		SUNSET: 1742							
03	OVC	014			7.00		28	23	26	81	14	36	29.36	30.09	03	SCT	NC			10.00		13	6	11	74	6	31	29.44	30.20
06	OVC	014			6.00	HZ	24	18	22	77	14	36	29.37	30.11	06	CLR	NC			10.00		11	3	9	70	0	00	29.48	30.25
09	CLR	NC			10.00		17	10	15	74	17	35	29.38	30.12	09	CLR	NC			10.00		12	5	10	73	13	28	29.53	30.30
12	OVC	070			10.00		17	6	14	62	9	34	29.43	30.17	12	CLR	NC			10.00		19	5	16	54	12	30	29.55	30.32
15	FEW	NC			10.00		17	6	14	62	12	35	29.37	30.12	15	CLR	NC			10.00		20	2	16	45	17	28	29.55	30.32
18	OVC	100			10.00		16	6	14	65	12	35	29.39	30.14	18	CLR	NC			10.00		15	-1	12	49	14	30	29.62	30.40
21	OVC	085			10.00		15	6	13	67	8	35	29.41	30.17	21	CLR	NC			10.00		10	-2	8	58	14	31	29.71	30.50
24	OVC	100			10.00		11	4	9	73	6	34	29.42	30.19	24	CLR	NC			10.00		6	-4	4	63	12	32	29.78	30.55
			SUNRISE: 0704				FEB 15		SUNSET: 1735							SUNRISE: 0654				FEB 21		SUNSET: 1743							
03	OVC	100			10.00		8	2	7	76	5	36	29.40	30.16	03	CLR	NC			10.00		2	-7	1	66	12	33	29.83	30.62
06	BKN	060			8.00		4	1	3	88	0	00	29.39	30.16	06	CLR	NC			10.00		-3	-12	-4	65	9	34	29.88	30.67
09	FEW	NC			6.00	BR	4	1	3	88	0	00	29.41	30.18	09	CLR	NC			10.00		-1	-16	-2	48	9	36	29.91	30.71
12	OVC	015			7.00		14	5	12	67	0	00	29.40	30.17	12	CLR	NC			10.00		4	-17	1	37	0	00	29.91	30.71
15	OVC	025			7.00		21	12	18	68	5	16	29.35	30.11	15	CLR	NC			10.00		9	-14	6	34	5	31	29.82	30.61
18	OVC	021			7.00		21	13	19	71	5	20	29.35	30.11	18	CLR	NC			10.00		8	-13	5	37	0	00	29.75	30.54
21	OVC	025			7.00		21	15	19	78	5	21	29.38	30.14	21	OVC	110			10.00		7	-7	5	52	0	00	29.69	30.48
24	OVC	022			8.00		21	14	19	74	7	25	29.42	30.17	24	OVC	065			10.00		9	-3	7	58	5	12	29.58	30.36
			SUNRISE: 0702				FEB 16		SUNSET: 1736							SUNRISE: 0653				FEB 22		SUNSET: 1745							
03	OVC	032			9.00		20	12	18	71	8	32	29.43	30.18	03	OVC	050			4.00	-SN	11	5	10	77	8	18	29.48	30.27
06	OVC	024			9.00		18	11	16	74	13	33	29.47	30.24	06	OVC	031			6.00	-SN BR	12	8	11	84	10	19	29.38	30.15
09	CLR	NC			10.00		13	5	11	70	20	33	29.58	30.35	09	OVC	023			1.75	-SN	16	11	15	80	10	20	29.35	30.11
12	FEW	NC			10.00		15	5	13	64	14	33	29.62	30.39	12	OVC	020			9.00		22	15	20	75	16	23	29.29	30.05
15	CLR	NC			10.00		14	3	12	61	20	33	29.62	30.39	15	FEW	NC			10.00		26	15	23	63	15	29	29.25	30.01
18	CLR	NC			10.00		10	-2	8	58	12	30	29.69	30.46	18	OVC	026			10.00		20	12	18	71	16	28	29.31	30.08
21	CLR	NC			10.00		4	-4	3	69	22	32	29.76	30.54	21	OVC	026			10.00		17	10	15	74	12	30	29.38	30.14
24	CLR	NC			10.00		1	-7	0	68	13	33	29.81	30.60	24	BKN	030			10.00		15	8	13	74	12	33	29.43	30.20
			SUNRISE: 0701				FEB 17		SUNSET: 1738							SUNRISE: 0651				FEB 23		SUNSET: 1746							
03	CLR	NC			10.00		-1	-8	-2	72	9	33	29.84	30.63	03	CLR	NC			10.00		9	3	8	77	6	35	29.51	30.28
06	CLR	NC			10.00		-3	-10	-4	71	8	29	29.88	30.68	06	CLR	NC			9.00		5	1	4	83	0	00	29.59	30.37
09	CLR	NC			10.00		-2	-8	-3	75	5	31	29.93	30.73	09	CLR	NC			9.00		8	2	7	76	0	00	29.67	30.45
12	CLR	NC			10.00		5	-8	3	55	0	00	29.93	30.72	12	CLR	NC			10.00		18	2	14	49	0	00	29.63	30.40
15	CLR	NC			10.00		11	-4	8	51	12	29	29.87	30.66	15	CLR	NC			10.00		22	5	18	48	10	22	29.61	30.38
18	CLR	NC			10.00		8	-7	6	50	9	30	29.83	30.63	18	OVC	120			10.00		23	8	19	53	5	16	29.59	30.37
21	CLR	NC			10.00		5	-7	3	57	8	27	29.83	30.63	21	OVC	070			10.00		23	8	19	53	9	12	29.52	30.29
24	CLR	NC			10.00		2	-6	1	69	6	23	29.82	30.61	24	OVC	100			10.00		24	11	20	57	10	13	29.45	30.21
			SUNRISE: 0659				FEB 18		SUNSET: 1739							SUNRISE: 0650				FEB 24		SUNSET: 1747							
03	CLR	NC			10.00		-1	-7	-2	75	7	21	29.78	30.57	03	OVC	026			10.00		27	15	23	61	9	13	29.36	30.11
06	CLR	NC			10.00		-2	-5	-2	87	3	19	29.74	30.54	06	OVC	014			6.00	BR	28	24	27	85	10	13	29.26	30.00
09	OVC	040			5.00	-SN	3	-2	2	79	6	19	29.72	30.51	09	OVC	014			8.00		35	28	32	76	14	14	29.17	29.91
12	OVC	030			10.00		15	8	13	74	12	19	29.63	30.41	12	OVC	014			7.00		37	31	35	79	8	15	29.07	29.81
15	CLR																												

OBSERVATIONS AT 3-HOURLY INTERVALS

LA CROSSE, WI

FEBRUARY 2001

LSE

WBAN # 14920

HOUR (LST)	SKY COVER		CEILING 100'S OF FT	SATELLITE		VISIBILITY (MILES)	WEATHER	TEMPERATURE °F			RELATIVE HUMIDITY (PCT)	WIND		PRESSURE (INCHES, HG)	
				OBSERVATION TIME (LST)	EFF CLD AMT Okta			DRY BULB	DEW POINT	WET BULB		SPEED (MPH)	DIRECTION TENS OF DEG	STATION	SEA LEVEL
03	OVC	003				5.00	HZ								
06	OVC	018				10.00									
09	OVC	020				10.00									
12	OVC	022				10.00									
15	OVC	024				10.00									
18	OVC	026				10.00									
21	FEW	NC				10.00									
24	CLR	NC				10.00									
SUNRISE: 0648 FEB 25 SUNSET: 1748															
03	CLR	NC				10.00									
06	BKN	120				10.00									
09	OVC	012				1.25	-SN								
12	OVC	023				7.00									
15	CLR	NC				10.00									
18	CLR	NC				10.00									
21	FEW	NC				10.00									
24	CLR	NC				10.00									
SUNRISE: 0646 FEB 26 SUNSET: 1750															
03	CLR	NC				10.00									
06	CLR	NC				10.00									
09	CLR	NC				10.00									
12	CLR	NC				10.00									
15	CLR	NC				10.00									
18	CLR	NC				10.00									
21	CLR	NC				10.00									
24	CLR	NC				10.00									
SUNRISE: 0645 FEB 27 SUNSET: 1751															
03	CLR	NC				10.00									
06	CLR	NC				10.00									
09	CLR	NC				10.00									
12	CLR	NC				10.00									
15	CLR	NC				10.00									
18	CLR	NC				10.00									
21	CLR	NC				10.00									
24	CLR	NC				10.00									
SUNRISE: 0643 FEB 28 SUNSET: 1752															
03	CLR	NC				10.00									
06	CLR	NC				10.00									
09	CLR	NC				10.00									
12	CLR	NC				10.00									
15	FEW	NC				10.00									
18	CLR	NC				10.00									
21	CLR	NC				10.00									
24	CLR	NC				10.00									
SUNRISE: FEB 29 SUNSET:															
SUNRISE: FEB 30 SUNSET:															

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.

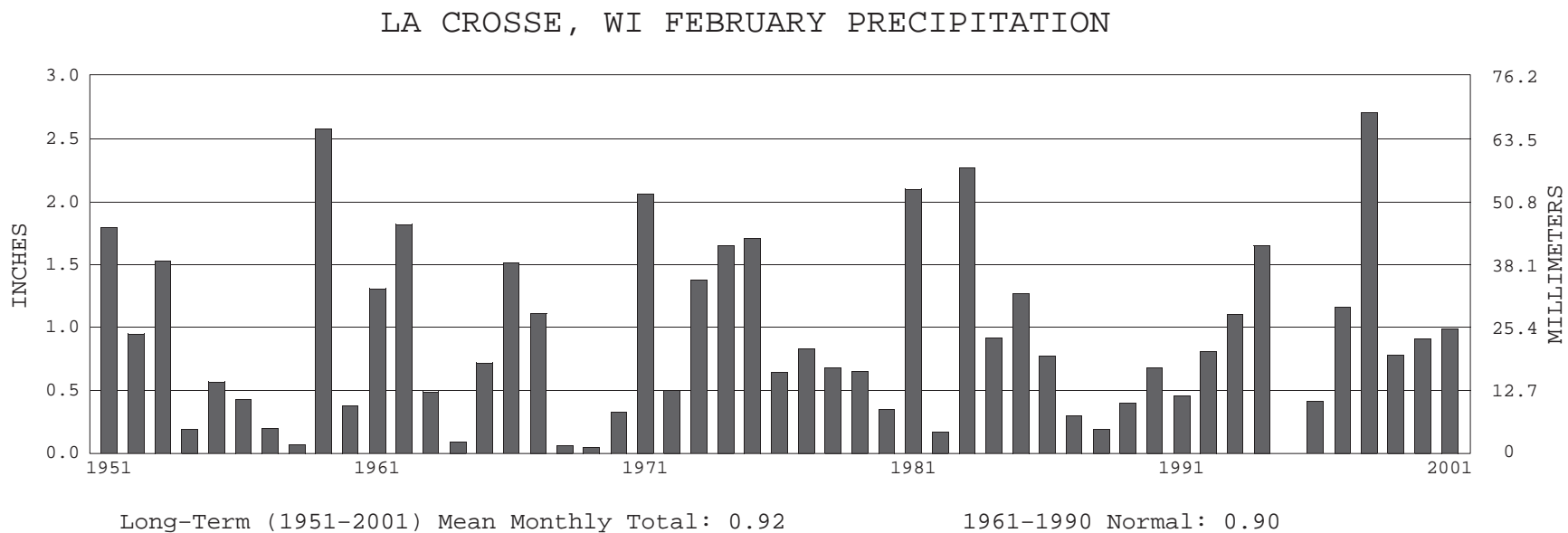
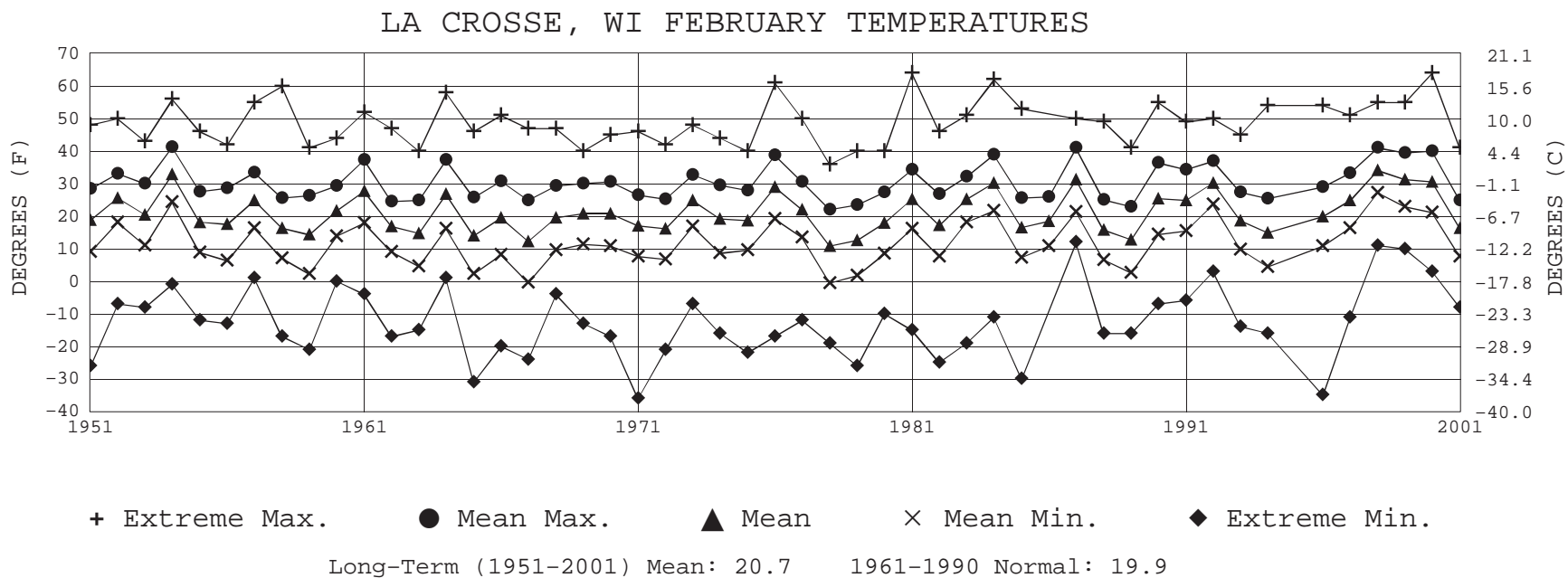
NC= No ceiling detected.

& = Original observation contained additional weather elements.

See page 3 for additional notes.

SUMMARY BY HOUR

HOUR (LST)	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			16	9	14	75	29.46	30.22	8.93	7	2	28
02			16	9	14	76	29.45	30.22	8.43	7	2	28
03			15	9	14	76	29.45	30.21	8.35	7	1	25
04			15	9	13	78	29.45	30.21	8.41	8	2	26
05			14	9	13	78	29.45	30.22	8.46	7	2	26
06			14	9	13	80	29.46	30.22	8.54	7	3	27
07			13	8	12	80	29.46	30.23	8.38	8	3	29
08			13	8	12	78	29.48	30.24	7.53	8	3	29
09			14	8	13	77	29.48	30.25	7.29	8	3	29
10			16	8	14	74	29.49	30.25	7.77	9	4	30
11			17	9	15	71	29.49	30.25	8.36	9	4	29
12			18	9	16	68	29.48	30.25	8.64	8	4	28
13			20	10	17	67	29.47	30.23	8.82	10	4	29
14			20	10	17	65	29.45	30.21	8.61	10	5	30
15			21	11	19	65	29.45	30.21	8.72	11	6	29
16			21	10	19	64	29.45	30.21	8.52	11	5	29
17			21	10	18	65	29.45	30.21	8.15	10	5	29
18			20	10	18	68	29.46	30.22	8.59	9	5	29
19			19	10	17	70	29.46	30.23	8.70	9	4	29
20			18	10	16	71	29.47	30.23	8.64	9	3	29
21			18	10	16	74	29.47	30.23	8.41	9	3	28
22			17	10	16	74	29.46	30.23	8.43	8	2	28
23			17	10	15	75	29.46	30.23	8.48	8	3	28
24			16	10	15	76	29.46	30.22	8.41	8	2	27





FEBRUARY 2001
LA CROSSE, WI

LOCAL CLIMATOLOGICAL DATA

NOAA, National Climatic Data Center

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