



MARCH 2002

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	22	7	15	-13	3	13	50	0	SN BR	T		0.9	0.09	29.60	30.37	5.5	02	7.1	20	33	17	33	01	
02	20	11	16	-13	8	15	49	0	SN FZFG BR	3		4.5	0.31	29.34	30.10	15.8	36	15.8	31	35	25	36	02	
03	11	-2	5	-24	-9	3	60	0	SN	5		T	T	29.41	30.19	13.6	33	14.2	25	34	23	33	03	
04	16	-6*	5*	-25	-1	5	60	0	SN	4		0.4	0.02	29.33	30.12	8.6	18	8.8	23	17	20	19	04	
05	27	4	16	-15	14	17	49	0	SN BR	4		0.3	0.01	29.39	30.15	1.6	17	5.0	13	16	12	16	05	
06	31	20	26	-5	18	23	39	0		4		0.0	0.00	29.44	30.20	7.2	01	7.4	16	02	14	03	06	
07	33	22	28	-3	20	25	37	0	RA FZRA UP	3		0.0	0.01	29.42	30.17	6.6	11	9.0	22	11	17	13	07	
08	36	32	34	2	32	33	31	0	TS TSRA RA BR HZ VCTS	2		0.0	0.52	29.07	29.80	4.5	35	7.5	30	33	26	33	08	
09	41	11	26	-6	19	23	39	0	TSRA RA FZRA SN BR UP	T		0.7	0.15	29.05	29.79	19.7	30	21.8	45*	30	36*	30	09	
10	23	7	15	-17	3	13	50	0		1		0.0	0.00	29.72	30.49	9.0	31	10.8	37	29	31	30	10	
11	45	23	34	2	21	28	31	0		T		0.0	0.00	29.33	30.07	2.4	20	8.5	18	19	16	23	11	
12	49	20	35	2	26	32	30	0	BR	0		0.0	0.00	29.20	29.93	8.5	18	8.8	24	20	21	20	12	
13	47	33	40	7	28	35	25	0		0		0.0	0.00	29.12	29.84	4.3	33	8.5	21	33	17	33	13	
14	37	31	34	0	25	30	31	0	RA FZRA SN BR UP	0		0.0	0.03	29.06	29.79	12.2	08	12.9	35	09	26	09	14	
15	37	23	30	-4	25	29	35	0	RA FZRA BR UP	0		0.0	0.02	29.24	29.97	10.3	34	10.6	22	34	20	34	15	
16	48	15	32	-2	20	28	33	0		0		0.0	0.00	29.61	30.36	1.5	09	4.5	17	09	14	10	16	
17	40	31	36	2	25	31	29	0	SN FG BR	0		0.7	0.12	29.42	30.16	4.4	10	5.1	17	14	14	13	17	
18	41	29	35	0	29	33	30	0	RA BR	T		0.0	T	29.53	30.27	0.7	05	2.6	13	22	9	18	18	
19	36	28	32	-3	32	33	33	0	SN FG BR UP	0		0.7	0.14	29.46	30.20	2.0	03	3.6	10	35	9	35	19	
20	48	25	37	1	26	33	28	0	RA SN BR UP	T		0.2	0.04	29.44	30.18	7.1	33	8.9	30	35	25	35	20	
21	25	10	18	-18	4	13	47	0	SN BR	T		0.1	T	29.77	30.54	18.1	33	19.2	39	35	33	35	21	
22	34	14	24	-13	7	19	41	0		T		0.0	0.00	29.51	30.27	15.3	29	15.5	30	29	24	30	22	
23	40	22	31	-6	12	25	34	0		0		0.0	0.00	29.28	30.02	7.4	32	9.1	20	34	16	34	23	
24	39	19	29	-9	10	23	36	0		0		0.0	0.00	29.47	30.22	9.6	03	10.1	24	02	20	04	24	
25	37	11	24	-14	7	20	41	0	RA UP	0		0.0	T	29.68	30.44	7.8	07	9.2	22	06	17	10	25	
26	43	17	30	-9	15	25	35	0		0		0.0	0.00	29.56	30.31	5.3	35	6.0	18	32	13	30	26	
27	54	22	38	-1	20	33	27	0		0		0.0	0.00	29.37	30.10	9.4	18	10.1	24	18	20	18	27	
28	57	37	47	7	29	39	18	0	RA HZ	0		0.0	0.06	29.05	29.76	8.6	22	12.5	28	18	23	19	28	
29	60*	36	48*	8	25	38	17	0		0		0.0	0.00	29.05	29.76	6.7	28	9.7	31	30	26	30	29	
30	51	33	42	1	23	35	23	0		0		0.0	0.00	29.22	29.94	13.1	28	14.1	31	26	26	27	30	
31	43	30	37	-4	22	31	28	0	RA	0		0.0	T	29.31	30.04	12.4	30	13.9	28	30	24	29	31	
37.8 19.8 28.8 ■■ 17.4 25.3 36.0 0.0 < MONTHLY AVERAGES TOTALS->												8.5	1.52	29.37	30.11	3.8	33	10.0	<- MONTHLY AVERAGES					
-6.8 -4.7 -5.8 ■■ <-----DEPARTURE FROM NORMAL----->												- .48	SUNSHINE, CLOUD, & VISIBILITY TABLES ON PAGE 3											
DEGREE DAYS									GREATEST 24-HR PRECIPITATION: 0.52 DATE :08				SEA LEVEL PRESSURE DATE TIME											
MONTHLY TOTAL DEPARTURE 1116 118									GREATEST 24-HR SNOWFALL: 4.5 DATE :02				MAXIMUM : 30.62 21 0953											
SEASON TO DATE TOTAL DEPARTURE 5507 -1209									GREATEST SNOW DEPTH: 5 DATE :03				MINIMUM : 29.30 09 0453											
HEATING: 1116 118									NUMBER OF DAYS WITH → MAXIMUM TEMP ≥ 90: 0				MINIMUM TEMP ≤ 32 : 27				PRECIPITATION ≥ 0.01 INCH : 13							
COOLING: 0 0									MAXIMUM TEMP ≤ 32 : 8				MINIMUM TEMP ≤ 0 : 2				PRECIPITATION ≥ 0.10 INCH : 5							
									THUNDERSTORMS : 2				HEAVY FOG : 0				SNOWFALL ≥ 1.0 INCH : 1							

MARCH 2002
LA CROSSE, WI

HOURLY PRECIPITATION

(WATER EQUIVALENT IN INCHES)

LA CROSSE, WI

MARCH 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													01												01	0.03 0.05 T 0.02 0.01	0.09 0.31 T 0.02 0.01	
02	0.02	T	T	0.02	T	0.01	T	T	T	T	T	T	02	T	T	T	T			T	T	0.02	0.01	T				
03									T				03															
04								T	T	T	0.01	T	04		T	T	T	T	T	T								
05													05															
06													06												06	0.11	0.00 0.01 0.52 0.15 0.00	
07													07		0.01						T	T	T	T	07			
08	0.05	0.08 0.05	0.06 0.01	0.01 0.04	0.01 T	0.01 0.01							08				T	0.08 T	0.20 T	T	0.02		T	T	08			
09								T	T	T	T	T	09	T	T	T	T	T	T	T					09			
10													10												10			
11													11												11	0.00 0.00 0.00 0.03 0.02	0.00 0.00 0.00 0.03 0.02	
12													12												12			
13													13												13			
14													14				T	0.02	0.01	T					14			
15		0.01	0.01	T	T								15												15			
16													16												16	0.00 0.12 T 0.14 0.04	0.00 0.12 T 0.14 0.04	
17													17			T	0.06	0.02	0.02	0.01	0.01	T			17			
18													18	T											18			
19						T	0.03	0.03	0.03	0.01	T	T	19	0.01	0.03	T									19			
20													20								0.01	0.02	T	0.01	T			20
21	T	T	T	T									21												21	T 0.00 0.00 0.00 T	T 0.00 0.00 0.00 T	
22													22												22			
23													23												23			
24													24												24			
25											T	T	25	T	T	T									25			
26													26												26	0.00 0.00 0.06 0.00 0.00	0.00 0.00 0.06 0.00 0.00	
27													27												27			
28						T	0.04	0.02					28												28			
29													29												29			
30													30												30			
31	T	T											31												31			

MAXIMUM SHORT DURATION PRECIPITATION (See Note)

Time Period (Minutes)	5	10	15	20	30	45	60	80	100	120	150	180
Precipitation (Inches)	.11	.12	.13	.14	.14	.23	.26	.27	.28	.28	.28	.28
Ending Date	08	08	08	08	08	08	08	08	08	08	08	08
Ending Time (Hour/Min)	1834	1834	1841	1848	1848	1834	1848	1848	1848	1848	1848	1848

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 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.

ERRATA for Jan & Feb 2002 LCD's: To stay consistent with the Heating Degree Day Season (July 2001 – June 2002), NCDC reinstalled the 1961 – 1990 Heating Degree Day Normals and corrected the Jan & Feb 2002 LCD's. The corrected LCD's are available on NCDC's Website. The 1971 – 2000 Heating Degree Day Normals will go into effect with the July 2002 LCD. The new Cooling Degree Day Normals went into effect with the Jan 2002 LCD.

PAGE 3

OBSERVATIONS AT 3-HOURLY INTERVALS

LA CROSSE, WI

MARCH 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: 0642	MAR 01			SUNSET: 1753									SUNRISE: 0632	MAR 07			SUNSET: 1801																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														

OBSERVATIONS AT 3-HOURLY INTERVALS

LA CROSSE, WI

MARCH 2002

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)		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 <small>Okta</small>			DRY BULB	DEW POINT	WET BULB	SPEED (MPH)		DIRECTION TENS OF DEG	STATION	SEA LEVEL	OBSERVATION TIME (LST)					EFF CLD AMT <small>Okta</small>	DRY BULB			DEW POINT	WET BULB	SPEED (MPH)	DIRECTION TENS OF DEG		STATION	SEA LEVEL				
				SUNRISE: 0621			MAR 13	SUNSET: 1807																SUNRISE: 0610			MAR 19	SUNSET: 1815							
03	CLR	NC			10.00			39	30	35	70	3	16	28.99	29.71	03	OVC	120					9.00		32	28	31	85	0	00	29.51	30.25			
06	BKN	110			10.00			37	30	34	76	0	00	29.03	29.75	06	OVC	031				2.50	-SN BR	33	30	32	89	0	00	29.49	30.23				
09	FEW	NC			10.00			42	32	38	68	7	34	29.06	29.78	09	OVC	014				0.75	-SN BR	33	32	33	96	0	00	29.46	30.21				
12	CLR	NC			10.00			46	33	40	61	15	32	29.13	29.84	12	OVC	008				1.75	BR	34	33	34	97	6	32	29.44	30.18				
15	CLR	NC			10.00			42	28	36	58	12	32	29.14	29.86	15	OVC	003				1.75	BR	34	33	34	97	6	34	29.41	30.16				
18	FEW	NC			10.00			38	26	33	62	8	36	29.20	29.93	18	OVC	007				2.50	BR	35	34	35	96	5	04	29.42	30.16				
21	OVC	110			10.00			36	21	31	55	8	01	29.27	29.99	21	OVC	007				2.50	BR	35	34	35	96	8	34	29.43	30.17				
24	OVC	090			10.00			33	24	30	70	8	34	29.29	30.01	24	OVC	003				1.50	BR	35	34	35	96	5	35	29.43	30.17				
				SUNRISE: 0619			MAR 14	SUNSET: 1809																SUNRISE: 0608			MAR 20	SUNSET: 1816							
03	OVC	060			10.00			37	21	31	52	9	10	29.25	29.97	03	OVC	019				10.00		35	31	33	85	9	34	29.43	30.17				
06	OVC	095			10.00			36	24	32	62	13	08	29.25	29.97	06	CLR	NC				10.00		28	23	26	81	7	35	29.46	30.20				
09	OVC	080			10.00			33	21	29	61	16	09	29.20	29.93	09	CLR	NC				10.00		34	24	30	67	6	35	29.48	30.22				
12	OVC	043			10.00			33	23	29	67	24	09	29.07	29.80	12	CLR	NC				10.00		41	22	34	47	7	36	29.47	30.21				
15	OVC	027			10.00			33	22	29	64	16	09	28.94	29.66	15	CLR	NC				10.00		46	23	37	40	5	VR	29.39	30.12				
18	OVC	012			3.00	-SN BR		32	29	31	88	9	07	28.94	29.67	18	BKN	120				10.00		44	26	37	49	10	27	29.36	30.10				
21	OVC	012			10.00			32	28	30	85	10	10	28.84	29.57	21	OVC	014				3.00	-SN BR	32	30	31	92	14	35	29.43	30.17				
24	OVC	010			8.00			33	30	32	89	7	05	28.84	29.57	24	OVC	019				10.00	UP	26	20	24	78	23	33	29.52	30.26				
				SUNRISE: 0617			MAR 15	SUNSET: 1810																SUNRISE: 0607			MAR 21	SUNSET: 1817							
03	OVC	004			2.50	-FZRA BR		32	31	32	96	9	32	28.89	29.62	03	OVC	030				10.00		18	11	16	74	23	35	29.65	30.40				
06	OVC	012			10.00			29	27	28	92	14	32	29.02	29.75	06	CLR	NC				10.00		11	-1	9	58	24	35	29.79	30.54				
09	OVC	032			10.00			30	25	28	82	14	35	29.17	29.90	09	CLR	NC				10.00		13	-1	10	54	21	33	29.84	30.61				
12	OVC	024			10.00			33	25	30	72	14	34	29.28	30.01	12	FEW	NC				10.00		18	4	15	54	20	33	29.84	30.60				
15	OVC	027			10.00			35	24	31	64	15	34	29.34	30.08	15	BKN	045				10.00		20	4	16	50	16	31	29.79	30.55				
18	OVC	032			10.00			34	23	30	64	12	36	29.40	30.14	18	OVC	034				10.00		16	5	13	62	17	30	29.79	30.57				
21	CLR	NC			10.00			27	21	25	78	5	36	29.47	30.22	21	OVC	033				10.00		15	3	12	59	15	30	29.79	30.57				
24	CLR	NC			10.00			24	21	23	88	5	01	29.54	30.29	24	SCT	NC				10.00		14	5	12	67	15	31	29.73	30.50				
				SUNRISE: 0616			MAR 16	SUNSET: 1811																SUNRISE: 0605			MAR 22	SUNSET: 1819							
03	CLR	NC			10.00			23	21	22	92	0	00	29.58	30.33	03	BKN	027				10.00		15	5	13	64	14	30	29.67	30.44				
06	CLR	NC			10.00			21	19	20	92	3	03	29.61	30.36	06	CLR	NC				10.00		14	4	12	64	15	28	29.63	30.40				
09	CLR	NC			10.00			28	20	25	72	6	VR	29.66	30.42	09	CLR	NC				10.00		19	4	15	52	17	29	29.60	30.37				
12	CLR	NC			10.00			38	22	32	53	7	VR	29.68	30.42	12	CLR	NC				10.00		28	5	22	37	21	29	29.53	30.29				
15	CLR	NC			10.00			45	21	36	39	8	32	29.60	30.34	15	CLR	NC				10.00		33	9	26	36	21	29	29.45	30.20				
18	CLR	NC			10.00			44	17	34	34	8	11	29.58	30.32	18	CLR	NC				10.00		31	9	24	40	18	28	29.39	30.15				
21	CLR	NC			10.00			36	19	30	50	6	11	29.58	30.33	21	CLR	NC				10.00		28	11	23	49	14	28	29.37	30.12				
24	CLR	NC			10.00			33	23	29	67	0	00	29.57	30.31	24	CLR	NC				10.00		25	11	21	55	7	26	29.32	30.07				
				SUNRISE: 0614			MAR 17	SUNSET: 1812																SUNRISE: 0603			MAR 23	SUNSET: 1820							
03	CLR	NC			10.00			31	20	27	64	3	VR	29.53	30.27	03	CLR	NC				10.00		23	8	19	53	10	24	29.28	30.02				
06	OVC	110			10.00			31	20	27	64	7	11	29.48	30.21	06	CLR	NC				10.00		23	8	19	53	12	29	29.26	30.00				
09	OVC	090			10.00			34	24	30	67	8	06	29.45	30.19	09	CLR	NC				10.00		28	11	23	49	12	34	29.27	30.01				
12	CLR	NC			10.00			39	20	32	46	12	08	29.39	30.13	12	CLR	NC				10.00		35	12	28	38	12	32	29.28	30.01				
15	OVC	013			1.75	-SN BR		34	31	33	89	5	14	29.35	30.09	15	CLR	NC				10.00		39	13	30	34	10	34	29.26	29.99				
18	OVC	009			1.00	-SN BR		33	31	32	92	0	00	29.34	30.09	18	CLR	NC				10.00		35	14	28	42	8	35	29.27	30.01				
21	OVC	021			6.00	BR		33	30	32	89	0	00	29.38	30.12	21	CLR	NC				10.00		28	17	25	63	6	36	29.32	30.07				
24	OVC	014			7.00			32	31	32	96	3	30	29.40	30.14	24	CLR	NC				10.00		27	16	24	63	5	35	29.35	30.09				
				SUNRISE: 0612			MAR 18	SUNSET: 1814																SUNRISE: 0601			MAR 24	SUNSET: 1821							
03	OVC	035			5.00	BR		31	31	31	100	5	33	29.43	30.17	03	CLR	NC				10.00		24	19	22	81	5	36	29.35	30.09				
06	OVC	013			4.00	BR</																													

LA CROSSE, WI

MARCH 2002

LSE

WBAN # 14920

Hour (LST)				Satellite		Weather	Temperature °F			Wind		Pressure (Inches,Hg)		Hour (LST)				Satellite		Weather	Temperature °F			Wind		Pressure (Inches,Hg)			
	Sky Cover	Ceiling 100'S OFF	Observation Time (LST)	Eff CLD AMT Oktas	Visibility (Miles)		Dry Bulb	Dew Point	Wet Bulb	Relative Humidity (PCT)	Speed (MPH)	Direction Tens of DEG	Station		Sea Level	Sky Cover	Ceiling 100'S OFF	Observation Time (LST)	Eff CLD AMT Oktas		Visibility (Miles)	Dry Bulb	Dew Point	Wet Bulb	Relative Humidity (PCT)	Speed (MPH)	Direction Tens of DEG	Station	Sea Level
SUNRISE: 0559 MAR 25 SUNSET: 1822																													
03	CLR	NC			10.00		17	-1	13	45	12	06	29.66	30.42	03	OVC	085			10.00		36	31	34	82	0	00	29.28	30.00
06	CLR	NC			10.00		13	1	10	59	8	35	29.72	30.48	06	FEW	NC			10.00		35	29	33	78	10	27	29.32	30.05
09	CLR	NC			10.00		20	5	16	52	6	VR	29.74	30.50	09	FEW	NC			10.00		39	20	32	46	14	31	29.32	30.05
12	CLR	NC			10.00		31	9	24	40	9	11	29.71	30.46	12	OVC	065			10.00		39	17	31	41	16	28	29.31	30.03
15	CLR	NC			10.00		37	9	28	31	15	10	29.62	30.38	15	BKN	060			10.00		39	20	32	46	17	30	29.28	30.01
18	CLR	NC			10.00		34	11	27	38	7	07	29.64	30.40	18	OVC	043			10.00		34	18	29	52	15	32	29.31	30.04
21	CLR	NC			10.00		29	13	24	51	10	09	29.66	30.42	21	OVC	036			10.00		32	18	27	56	18	31	29.32	30.05
24	CLR	NC			10.00		24	14	21	65	5	08	29.66	30.41	24	OVC	036			10.00		30	16	26	56	8	36	29.32	30.06
SUNRISE: 0557 MAR 26 SUNSET: 1823																													
03	CLR	NC			10.00		19	10	17	68	6	01	29.62	30.37	3-HOURLY OBSERVATION NOTES														
06	CLR	NC			10.00		18	11	16	74	7	36	29.64	30.39	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.														
09	CLR	NC			10.00		28	16	24	61	8	36	29.61	30.36	Ceiling is reported in hundreds of feet above ground level for clouds at or below 12,000 feet.														
12	CLR	NC			10.00		37	15	30	41	8	33	29.56	30.30	NC= No ceiling detected.														
15	CLR	NC			10.00		42	16	33	35	8	32	29.51	30.25	& = Original observation contained additional weather elements.														
18	CLR	NC			10.00		39	16	31	39	6	31	29.49	30.24	See page 3 for additional notes.														
21	CLR	NC			10.00		31	17	26	56	6	33	29.51	30.26															
24	BKN	100			10.00		27	19	24	72	0	00	29.52	30.26															
SUNRISE: 0556 MAR 27 SUNSET: 1825																													
03	CLR	NC			10.00		24	18	22	77	6	13	29.49	30.24															
06	CLR	NC			10.00		22	18	21	85	6	13	29.49	30.23															
09	CLR	NC			10.00		35	22	30	59	6	17	29.47	30.22															
12	CLR	NC			10.00		48	14	36	25	12	18	29.41	30.15															
15	BKN	090			10.00		53	18	39	25	10	20	29.31	30.04															
18	SCT	NC			10.00		51	22	39	32	14	19	29.26	29.99															
21	CLR	NC			10.00		47	23	37	39	15	17	29.22	29.94															
24	CLR	NC			10.00		45	27	38	49	17	17	29.18	29.89															
SUNRISE: 0554 MAR 28 SUNSET: 1826																													
03	BKN	090			10.00	-RA	42	27	36	55	15	17	29.10	29.81															
06	OVC	075			10.00		41	31	37	67	18	20	29.03	29.75															
09	OVC	022			8.00		44	31	39	60	13	21	29.04	29.75															
12	CLR	NC			10.00		55	31	44	40	15	27	29.00	29.70															
15	FEW	NC			10.00		57	30	45	36	13	30	29.02	29.73															
18	BKN	100			10.00	51	25	40	36	10	28	29.04	29.75																
21	FEW	NC			10.00	46	25	38	44	6	21	29.06	29.78																
24	BKN	100			10.00	41	25	35	53	3	VR	29.06	29.78																
SUNRISE: 0552 MAR 29 SUNSET: 1827																													
03	OVC	095			10.00		40	27	35	60	7	20	29.06	29.76															
06	CLR	NC			10.00		37	27	33	67	5	21	29.07	29.79															
09	CLR	NC			10.00		44	30	38	58	6	18	29.07	29.79															
12	FEW	NC			10.00		57	19	42	23	13	30	29.01	29.72															
15	CLR	NC			10.00		58	22	43	25	20	30	28.97	29.67															
18	CLR	NC			10.00		51	21	39	31	21	30	29.00	29.72															
21	CLR	NC			10.00		43	27	37	53	8	29	29.09	29.80															
24	CLR	NC			10.00		39	28	35	65	3	22	29.10	29.81															
SUNRISE: 0550 MAR 30 SUNSET: 1828																													
03	CLR	NC			10.00		37	28	34	70	12	27	29.11	29.82															
06	OVC	026			10.00		37	29	34	73	16	30	29.15	29.87															
09	FEW	NC			10.00		42	25	35	51	14	31	29.22	29.93															
12	BKN	060			10.00		46	21	36	37	16	28	29.24	29.96															
15	BKN	075			10.00		48	15	36	27	23	26	29.25	29.96															
18	OVC	075			10.00		45	20	36	37	21	29	29.27	29.99															
21	CLR	NC			10.00		40	22	33	49	9	26	29.32	30.04															
24	BKN	085			10.00		33	24	30	70	6	VR	29.30	30.02															

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.

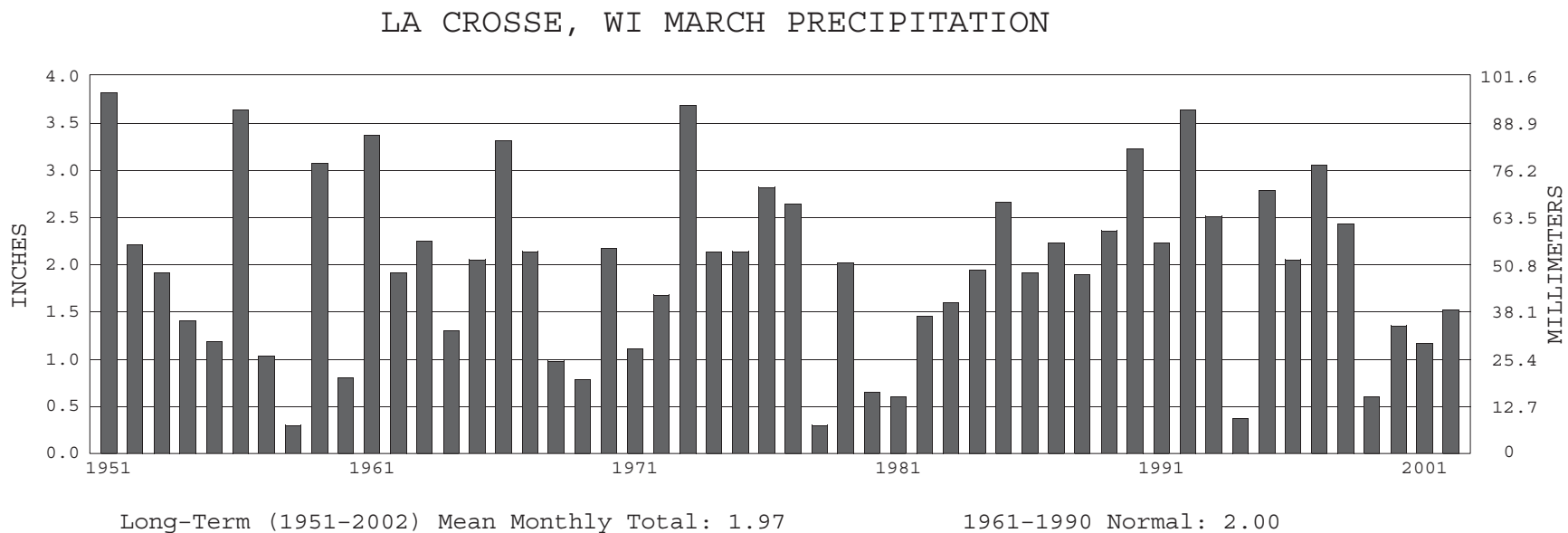
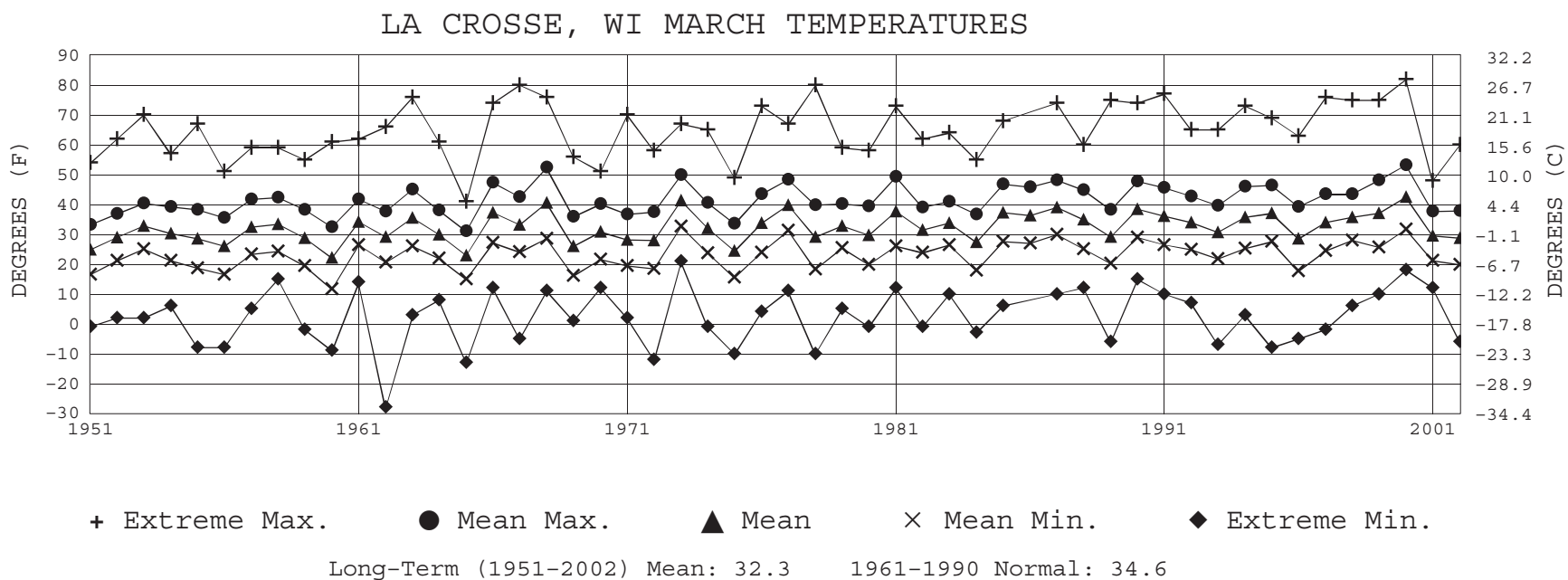
NC= No ceiling detected.

& = 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			26	17	23	71	29.36	30.11	8.53	8	2	34
02			25	17	23	73	29.36	30.10	8.39	8	3	34
03			25	17	22	74	29.36	30.10	8.56	8	3	33
04			24	17	22	75	29.36	30.10	8.75	9	3	34
05			24	17	22	75	29.36	30.11	8.64	9	4	33
06			23	16	21	75	29.37	30.12	8.87	10	4	32
07			24	17	22	75	29.38	30.13	8.35	10	4	32
08			25	17	22	72	29.39	30.14	8.19	10	4	33
09			27	17	24	67	29.39	30.14	8.48	10	4	33
10			29	17	25	62	29.40	30.14	8.77	11	4	33
11			31	17	27	58	29.39	30.14	8.98	11	3	33
12			33	17	27	55	29.38	30.13	9.06	12	5	32
13			34	16	28	51	29.37	30.11	9.09	12	5	32
14			35	17	29	52	29.36	30.10	8.92	12	5	31
15			35	18	29	53	29.35	30.09	8.63	12	6	31
16			35	17	29	53	29.35	30.09	8.79	12	6	32
17			34	17	29	53	29.35	30.09	8.71	11	4	32
18			33	18	28	57	29.35	30.10	8.68	11	5	31
19			31	18	27	60	29.36	30.11	9.15	10	3	33
20			30	18	26	63	29.37	30.11	9.26	10	3	34
21			29	18	26	66	29.37	30.12	8.95	9	3	34
22			28	18	25	68	29.38	30.12	9.12	8	2	34
23			27	18	25	70	29.37	30.12	8.98	8	3	34
24			26	18	24	72	29.36	30.11	8.74	7	2	33





MARCH 2002

LA CROSSE, WI

LOCAL CLIMATOLOGICAL DATA

NOAA, National Climatic Data Center

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