



MARCH 2002

LOCAL CLIMATOLOGICAL DATA

NOAA, National Climatic Data Center

GREEN BAY, WI

AUSTIN STRAUBEL FIELD (GRB)

Lat: 44°30' N Long: 88°07' W Elev (Ground): 682 Feet

Time Zone: CENTRAL WBAN: 14898 ISSN #:0198-5698

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	23	13	18	-7	9	16	47	0	SN BR	T		0.6	0.03	29.54	30.34	2.8	36	6.8	16	32	14	33	01					
02	22	15	19	-7	17	19	46	0	SN FG+ FZFG BR	3		7.5	0.41	29.19	29.98	18.1	02	19.3	33	01	28	36	02					
03	15	-6	5	-21	-2	7	60	0	SN BR UP BLSN	8		0.6	0.02	29.19	29.98	14.6	31	15.2	29	33	24	32	03					
04	11	-13*	-1*	-27	-7	0	66	0	SN BR	9		T	T	29.30	30.11	7.7	23	8.4	20	22	15	22	04					
05	24	-5	10	-17	9	13	55	0	SN BR HZ	8		1.3	0.08	29.35	30.15	5.1	21	5.4	18	24	15	24	05					
06	28	19	24	-3	17	22	41	0	SN BR	9		1.1	0.05	29.40	30.19	5.8	04	6.1	15	04	14	04	06					
07	30	18	24	-4	18	23	41	0	RA FZRA SN BR	8		T	0.12	29.47	30.27	12.2	06	13.3	25	09	22	04	07					
08	34	30	32	4	31	32	33	0	TS TSRA RA FZRA FZDZ SN	5		0.2	0.62	29.10	29.88	9.4	04	10.2	17	01	17	01	08					
09	48	14	31	3	25	29	34	0	TSRA RA FZRA SN FG+ FZFG	3		0.3	0.20	28.82	29.58	15.5	27	23.0	54*	29	44*	29	09					
10	23	10	17	-12	4	14	48	0		2		0.0	0.00	29.53	30.33	19.9	28	20.2	45	28	38	28	10					
11	38	20	29	0	20	26	36	0	BR	2		0.0	0.00	29.33	30.11	5.0	19	7.8	25	20	21	20	11					
12	44	24	34	4	29	32	31	0	BR HZ	1		0.0	0.00	29.19	29.96	4.4	14	9.9	18	21	16	19	12					
13	49	31	40	10	32	37	25	0	BR HZ	T		0.0	0.00	29.04	29.81	3.0	24	11.3	24	07	18	07	13					
14	34	30	32	2	26	29	33	0	RA FZRA SN BR	T		T	0.05	29.16	29.94	18.5	05	18.6	37	05	31	05	14					
15	37	26	32	1	26	30	33	0	RA FZRA BR	T		T	T	29.11	29.89	10.6	36	12.2	25	06	20	04	15					
16	40	21	31	0	21	27	34	0		T		0.0	0.00	29.60	30.39	5.0	04	6.0	14	07	12	06	16					
17	40	23	32	0	26	29	33	0	SN BR	T		0.5	0.02	29.44	30.23	10.6	06	11.3	23	10	18	06	17					
18	44	30	37	5	30	33	28	0	SN BR	1		T	T	29.47	30.25	1.6	30	4.8	14	22	12	21	18					
19	40	28	34	2	31	33	31	0	RA SN BR UP HZ	0		0.7	0.23	29.43	30.21	2.9	08	5.3	15	13	13	13	19					
20	39	23	31	-2	29	32	34	0	SN FG+ FZFG BR	1		2.2	0.12	29.35	30.13	3.9	03	8.9	35	04	31	04	20					
21	23	11	17	-16	4	13	48	0	SN FZFG BR	4		1.4	0.04	29.54	30.34	15.8	31	17.9	33	02	28	02	21					
22	26	11	19	-15	8	16	46	0	UP	3		T	T	29.35	30.14	15.1	26	15.3	29	26	24	27	22					
23	37	21	29	-5	17	24	36	0		2		0.0	0.00	29.16	29.95	10.9	28	12.3	26	27	22	29	23					
24	28	13	21	-14	15	20	44	0	SN	T		T	T	29.46	30.25	13.2	05	14.3	30	06	25	05	24					
25	25	11	18	-17	13	18	47	0	SN BR	T		0.2	T	29.67	30.47	14.4	04	14.7	26	04	23	05	25					
26	37	18	28	-7	20	25	37	0		0		0.0	0.00	29.49	30.28	8.0	03	9.1	23	04	18	03	26					
27	44	21	33	-3	24	30	32	0	BR	0		0.0	0.00	29.40	30.18	5.3	17	6.9	20	17	15	15	27					
28	45	29	37	1	30	34	28	0	RA SN BR HZ	0		0.5	0.09	29.07	29.84	10.0	18	10.5	26	17	23	17	28					
29	54*	33	44*	7	32	38	21	0	RA BR HZ	0		0.0	T	28.96	29.72	6.2	23	7.3	20	30	17	30	29					
30	47	32	40	3	28	35	25	0		0		0.0	0.00	29.11	29.87	10.6	26	11.4	31	28	28	27	30					
31	46	29	38	0	25	32	27	0		0		0.0	0.00	29.19	29.96	10.6	27	11.8	29	29	25	30	31					
34.7											< MONTHLY AVERAGES		TOTALS->		17.1	2.08	29.30	30.09	2.9	34	11.5	<- MONTHLY AVERAGES						
-5.3											<-----DEPARTURE FROM NORMAL----->		0.02		SUNSHINE, CLOUD, & VISIBILITY TABLES ON PAGE 3													
DEGREE DAYS										GREATEST 24-HR PRECIPITATION: 0.62 DATE :08					SEA LEVEL PRESSURE DATE TIME													
MONTHLY										GREATEST 24-HR SNOWFALL: 7.5 DATE :02					MAXIMUM													
TOTAL DEPARTURE										GREATEST SNOW DEPTH: 9 DATE :06+					MINIMUM													
HEATING: 1180 95 5943 -1105										NUMBER OF DAYS WITH →					MAXIMUM TEMP ≥ 90: 0					PRECIPITATION ≥ 0.01 INCH : 14								
COOLING: 0 0 0 0										MAXIMUM TEMP ≤ 32 :12					MINIMUM TEMP ≤ 0 : 3					PRECIPITATION ≥ 0.10 INCH : 6								
										THUNDERSTORMS : 2					HEAVY FOG : 4					SNOWFALL ≥ 1.0 INCH : 5								

MARCH 2002
GREEN BAY, WI

HOURLY PRECIPITATION

(WATER EQUIVALENT IN INCHES)

GREEN BAY, WI

MARCH 2002

GRB

WBAN # 14898

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									T	T	0.01	0.02	01			0.03
02	T	T	0.01	T	T		T	T	T	T	T	T	02	T	T	T	T	T	T	T	T	T	T	T	T	02	0.01		0.41
03	T												03													03	T		0.02
04													04													04	0.00		T
05													05						T	T	T	0.01	T	0.03	0.02	05	0.06		0.08
06	0.01	0.01	T	T									06													06	0.02		0.05
07		T	T	T	T								07													07	0.18		0.12
08	0.17	0.02	0.04	0.01	0.07	0.09	0.15	0.09	T				08							T	0.01	0.02	0.05	0.01		08	0.66		0.62
09													09	T		T	T	T	T	T	T	T				09	0.19		0.20
10												0.01	10													10			0.00
11													11													11			0.00
12													12													12			0.00
13													13													13			0.00
14													14								T	T	T			14	T		0.05
15							T	T					15												T	15			T
16													16													16			0.00
17													17						T	T	T	T			T	17	T		0.02
18	T												18													18			T
19													19			T	0.01	0.04	0.09	0.03	0.02	T	0.01	0.05	T	19	0.20		0.23
20													20									0.01	0.05	0.03	T	20	0.09		0.12
21	0.01	T	T	T	T						T	T	21													21	0.01		0.04
22											T	T	22													22			T
23													23													23			0.00
24													24	T	T											24			T
25					T	T	T	T	T	T	T	T	25	T												25			T
26													26													26			0.00
27													27													27			0.00
28										0.01	0.08		28													28			0.09
29													29					T								29			T
30													30													30			0.00
31													31													31			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.

REFERENCE NOTES & SUPPLEMENTAL SUMMARIES

* = 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

Resultant wind is the vector sum of the wind speeds and directions divided by the number of observations.

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

Precipitation is for the 24-hour period ending at the time indicated in the column heading.

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

NORMALS ARE FOR THE YEARS 1971–2000

WEATHER NOTATIONS

QUALIFIER	WEATHER PHENOMENA		
DESCRIPTOR	PRECIPITATION	OBSCURATION	OTHER
BC Patches	DZ Drizzle	BR Mist	DS Duststorm
BL Blowing	GR Hail	DU Widespread Dust	FC Funnel Cloud
DR Low Drifting	GS Small Hail and/or Snow Pellets	FG Fog	+FC Tornado Waterspout
FZ Freezing	IC Ice Crystals	FU Smoke	PO Well-Developed Dust/Sand Whirls
MI Shallow	PL Ice Pellets	HZ Haze	
PR Partial	RA Rain	PY Spray	SQ Squalls
SH Shower(s)	SG Snow Grains	SA Sand	SS Sandstorm
TS Thunderstorm	SN Snow	VA Volcanic Ash	GL Glaze
VC In the Vicinity	UP Unknown Precipitation		
Intensity (as indicated on pages 4 to 6): '+' = Heavy ' ' = Moderate '–' = Light			

GREEN BAY, WI MARCH 2002

Ceilometer (30-second) data are used to derive cloudiness at or below 12,000 feet. This cloudiness is the mean cloud cover detected during sunrise to sunset (SR–SS), or midnight to midnight (MN–MN).

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.

ADDITIONAL NOTES:

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.

DATE	SUNSHINE		CLOUDINESS (OKTAS)				VISIBILITY (MILES)		RESERVED
	TOTAL MINUTES	PERCENT POSSIBLE	SR-SS		MN-MN		MINIMUM	MAXIMUM	
			CEILOMETER	SATELLITE	CEILOMETER	SATELLITE			
01	563	84					.75	10.00	
02	0	0					.25	3.00	
03	451	67					1.75	10.00	
04	258	38					2.00	10.00	
05	57	8					.75	10.00	
06	0	0					1.00	10.00	
07	0	0					1.75	10.00	
08	0	0					.25	10.00	
09	14	2					.25	10.00	
10	695	100					10.00	10.00	
11	536	76					6.00	10.00	
12	498	71					4.00	9.00	
13	476	67					4.00	10.00	
14	57	8					3.00	10.00	
15	200	28					1.50	10.00	
16	689	97					10.00	10.00	
17	317	44					.75	10.00	
18	420	58					4.00	10.00	
19	42	6					.75	7.00	
20	338	46					.25	10.00	
21	654	89					.50	10.00	
22	673	92					8.00	10.00	
23	712	96					10.00	10.00	
24	638	86					3.00	10.00	
25	457	61					1.25	10.00	
26	565	76					9.00	10.00	
27	750	100					4.00	10.00	
28	203	27					.75	8.00	
29	342	45					1.25	10.00	
30	672	88					10.00	10.00	
31	599	79					10.00	10.00	
MONTHLY AVGS							3.65	9.58	
SUNSHINE (MINUTES)									
Total: 11876 Possible: 22214									
Percent Possible: 53									
NUMBER OF DAYS WITH:									
SKY CONDITION									
CLR PTLY CLDY CLOUDY MISSING									
31									
MINIMUM VISIBILITY (MILES)									
<=0.25 <=3.0 >=7.0									
3 19 7									

OBSERVATIONS AT 3-HOURLY INTERVALS

GREEN BAY, WI

MARCH 2002

GRB

WBAN # 14898

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
MAR 01																													
MAR 02																													
MAR 03																													
MAR 04																													
MAR 05																													
MAR 06																													
MAR 07																													
MAR 08																													
MAR 09																													
MAR 10																													
MAR 11																													
MAR 12																													

OBSERVATIONS AT 3-HOURLY INTERVALS

GREEN BAY, WI

MARCH 2002

GRB

WBAN # 14898

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: 0609 MAR 13						SUNSET: 1756						SUNRISE: 0558 MAR 19						SUNSET: 1802											
03	CLR	NC			6.00 HZ	38	32	35	79	14	20	28.95	29.71	03	CLR	NC			4.00 BR	31	29	30	92	0	00	29.54	30.32		
06	CLR	NC			5.00 BR	36	32	34	86	7	21	28.94	29.71	06	OVC	009			4.00 BR	31	30	31	96	3	07	29.50	30.28		
09	SCT	NC			6.00 HZ	41	34	38	76	9	21	28.90	29.67	09	BKN	025			7.00	36	33	35	89	8	16	29.46	30.25		
12	CLR	NC			7.00	47	36	42	66	13	25	28.97	29.73	12	OVC	017			5.00 HZ	39	33	37	79	6	17	29.43	30.21		
15	CLR	NC			10.00	48	34	42	58	13	29	29.01	29.78	15	OVC	019			4.00 -RA BR	37	33	35	86	7	07	29.39	30.17		
18	CLR	NC			10.00	41	29	36	62	7	32	29.09	29.86	18	OVC	002			0.75 -SN BR	32	32	32	100	6	02	29.38	30.16		
21	CLR	NC			10.00	36	28	33	73	10	07	29.22	29.99	21	OVC	002			0.75 -SN BR	32	32	32	100	6	01	29.36	30.14		
24	CLR	NC			10.00	31	25	29	79	18	06	29.29	30.06	24	OVC	002			1.50 BR	32	32	32	100	5	35	29.33	30.11		
SUNRISE: 0607 MAR 14						SUNSET: 1757						SUNRISE: 0556 MAR 20						SUNSET: 1804											
03	BKN	110			10.00	30	23	28	75	13	06	29.30	30.07	03	OVC	002			3.00 BR	32	32	32	100	6	36	29.32	30.09		
06	OVC	100			10.00	30	24	28	79	13	05	29.32	30.09	06	OVC	008			6.00 BR	33	32	33	96	6	34	29.34	30.12		
09	BKN	055			10.00	30	25	28	82	14	05	29.32	30.10	09	SCT	NC			10.00	34	29	32	82	9	01	29.39	30.17		
12	OVC	085			10.00	32	27	30	82	17	04	29.26	30.04	12	OVC	022			10.00	33	28	31	82	6	33	29.44	30.23		
15	OVC	060			10.00	30	25	28	82	29	05	29.10	29.88	15	OVC	029			10.00	38	28	34	68	7	VR	29.38	30.17		
18	OVC	040			9.00	31	27	29	85	23	05	29.04	29.81	18	BKN	100			7.00	35	30	33	82	9	16	29.32	30.10		
21	OVC	011			7.00 -FZRA	31	30	31	96	20	05	28.98	29.75	21	VV	007			0.75 -SN BR	32	31	32	96	5	17	29.32	30.11		
24	OVC	013			10.00	31	28	30	89	18	07	28.84	29.62	24	VV	005			0.50 SN FZFG	23	21	22	92	24	02	29.33	30.11		
SUNRISE: 0605 MAR 15						SUNSET: 1758						SUNRISE: 0554 MAR 21						SUNSET: 1805											
03	OVC	013			10.00	30	28	29	92	20	04	28.79	29.55	03	OVC	019			1.75 -SN BR	19	16	18	88	17	35	29.42	30.21		
06	OVC	007			9.00	31	29	30	92	7	35	28.84	29.60	06	CLR	NC			10.00	14	4	12	64	16	34	29.52	30.31		
09	OVC	011			10.00	30	27	29	88	12	34	28.98	29.75	09	FEW	NC			9.00	15	3	12	59	20	32	29.59	30.39		
12	OVC	029			10.00	32	26	30	79	14	33	29.12	29.89	12	CLR	NC			10.00	17	0	13	47	20	31	29.60	30.40		
15	OVC	044			10.00	37	25	32	62	13	33	29.20	29.97	15	FEW	NC			10.00	18	0	14	45	21	28	29.57	30.37		
18	FEW	NC			10.00	33	25	30	72	8	36	29.31	30.09	18	CLR	NC			10.00	15	0	12	51	18	28	29.56	30.36		
21	SCT	NC			10.00	30	21	27	69	13	02	29.38	30.17	21	CLR	NC			10.00	12	-1	9	56	17	28	29.59	30.39		
24	CLR	NC			10.00	26	20	24	78	9	03	29.45	30.24	24	CLR	NC			10.00	12	0	10	58	16	28	29.54	30.34		
SUNRISE: 0603 MAR 16						SUNSET: 1760						SUNRISE: 0552 MAR 22						SUNSET: 1806											
03	CLR	NC			10.00	25	18	23	75	8	35	29.50	30.29	03	CLR	NC			10.00	12	3	10	67	18	27	29.47	30.28		
06	CLR	NC			10.00	21	17	20	85	6	01	29.57	30.36	06	BKN	090			10.00	13	6	11	74	12	26	29.46	30.26		
09	CLR	NC			10.00	29	20	26	69	7	06	29.62	30.41	09	OVC	023			10.00	15	6	13	67	17	28	29.43	30.24		
12	CLR	NC			10.00	34	24	30	67	0	00	29.65	30.45	12	FEW	NC			10.00	20	10	17	65	22	27	29.37	30.17		
15	CLR	NC			10.00	39	26	34	60	6	03	29.64	30.42	15	CLR	NC			10.00	25	11	21	55	17	27	29.31	30.09		
18	CLR	NC			10.00	32	25	29	75	7	05	29.61	30.41	18	CLR	NC			10.00	26	10	21	51	16	26	29.25	30.03		
21	CLR	NC			10.00	28	21	26	75	3	07	29.63	30.42	21	CLR	NC			10.00	22	11	19	63	8	23	29.21	29.99		
24	CLR	NC			10.00	25	21	24	85	7	04	29.62	30.40	24	CLR	NC			10.00	24	12	21	60	16	26	29.15	29.93		
SUNRISE: 0601 MAR 17						SUNSET: 1801						SUNRISE: 0550 MAR 23						SUNSET: 1807											
03	CLR	NC			10.00	24	22	23	91	8	05	29.57	30.35	03	CLR	NC			10.00	21	13	19	71	9	25	29.11	29.90		
06	CLR	NC			10.00	28	25	27	88	9	06	29.55	30.34	06	CLR	NC			10.00	21	12	18	68	15	26	29.10	29.88		
09	CLR	NC			10.00	33	20	29	59	14	09	29.50	30.28	09	CLR	NC			10.00	26	16	23	66	16	28	29.13	29.91		
12	SCT	NC			10.00	38	25	33	60	13	10	29.45	30.24	12	CLR	NC			10.00	32	17	27	54	17	30	29.14	29.92		
15	FEW	NC			10.00	36	24	32	62	13	06	29.38	30.17	15	SCT	NC			10.00	35	19	29	52	14	26	29.16	29.94		
18	VV	010			0.75 -SN BR	32	28	31	85	12	04	29.33	30.12	18	CLR	NC			10.00	34	19	29	54	7	25	29.19	29.97		
21	OVC	005			9.00	32	30	31	92	10	04	29.32	30.11	21	CLR	NC			10.00	30	20	27	66	9	28	29.25	30.02		
24	OVC	011			4.00 -SN BR	32	31	32	96	8	05	29.32	30.09	24	CLR	NC			10.00	24	18	22	77	9	02	29.28	30.06		
SUNRISE: 0559 MAR 18						SUNSET: 1801						SUNRISE: 0548 MAR 24						SUNSET: 1809											
03	OVC	004			7.00	32	31	32	96	7	02	29.33	30.12	03	CLR	NC			10.00	22	19	21	89	5	36	29.29	30.07		
06	OVC	005			7.00	31	30	31	96	5	34	29.39	30.17	06	CLR	NC			9.00	21	19	20	92	3	28	29.32	30.10		
09	OVC	007			8.00	32	30	31	92	6	27	29.48	30.26	09	CLR	NC			10.00	27	17	24	66	15	03	29.38	30.16		
12	OVC	019			10.00	38	31	35	76	6	32	29.51	30.29	12	OVC	019			4.00 -SN	25	19	23	78	22	05	29.45	30.25		
15	BKN	035			10.00	43	30	38	60	3	VR	29.49	30.27	15	FEW	NC			10.00	26	15	23	63	16	05	29.48	30.27		
18	CLR	NC			7.00	38	31	35	76	7	22	29.52	30.31	18	CLR	NC			10.00	20	7	17	57	17	05	29.54	30.34		
21	CLR	NC			7.00	33	30	32	89	5	19	29.54	30.32	21	CLR	NC			10.00	15	7	13	70	18	06	29.64	30.44		
24	CLR	NC			4.00 BR	30	29	30	96	0	00	29.54	30.32	24	CLR	NC			10.00	13	4	11	67	14	03	29.69	30.49		

OBSERVATIONS AT 3-HOURLY INTERVALS

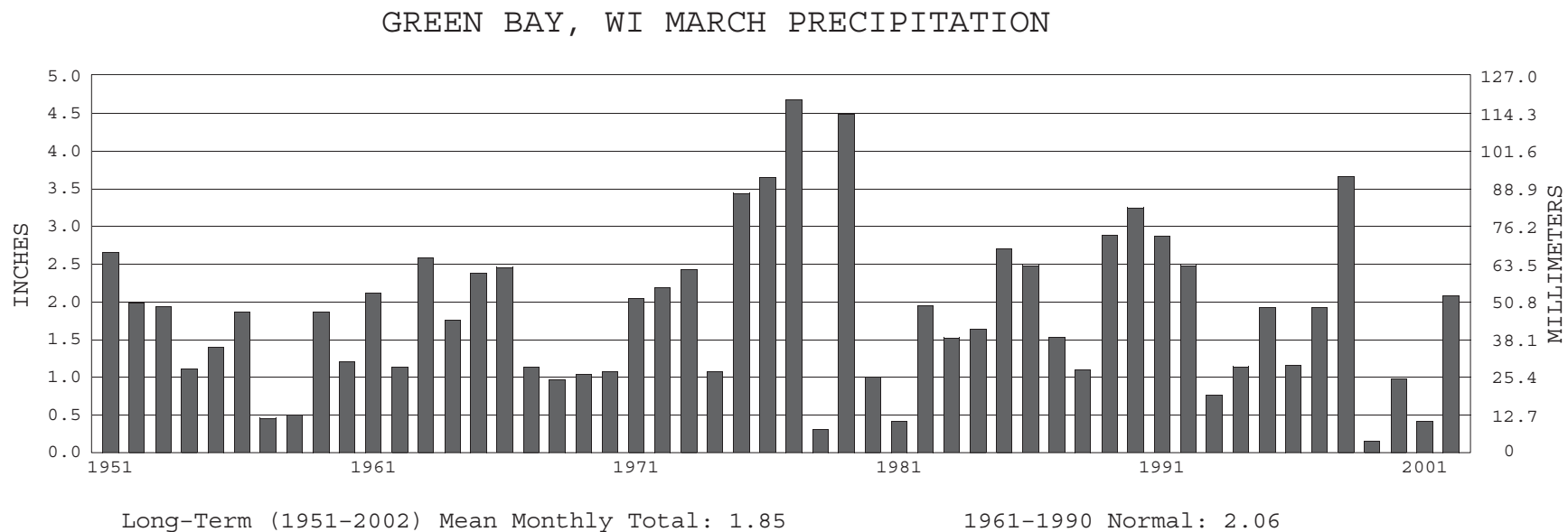
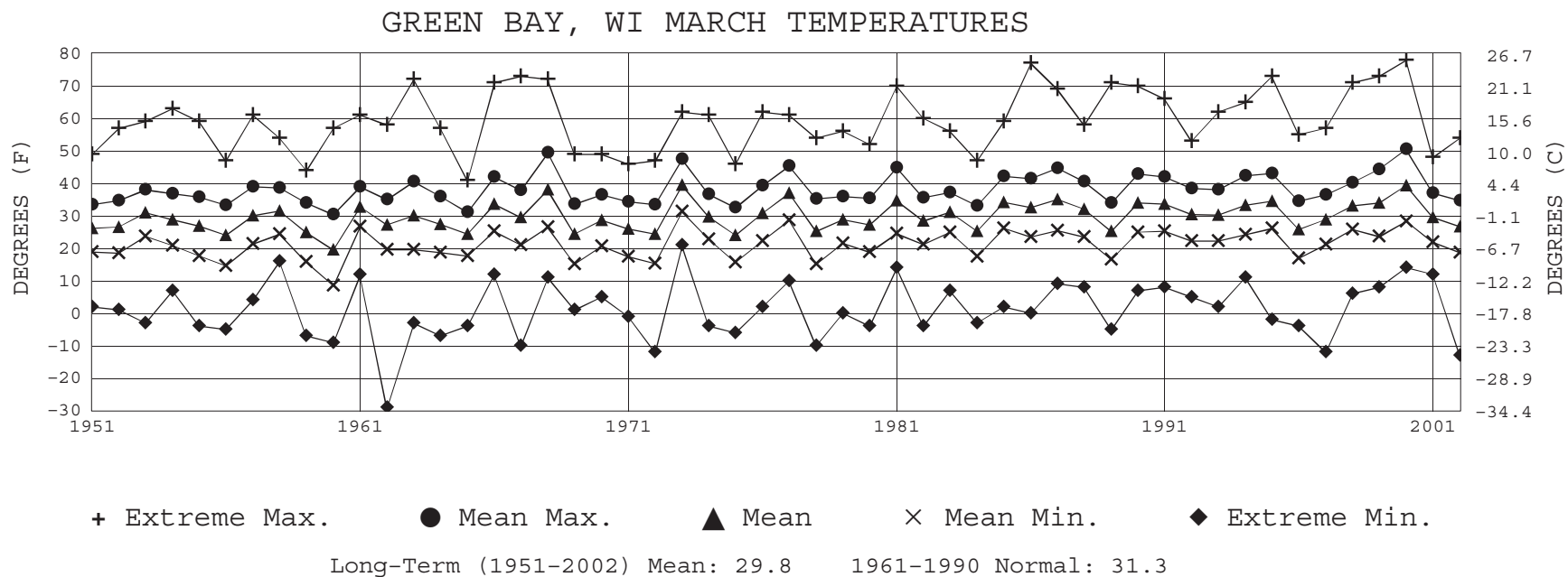
GREEN BAY, WI

MARCH 2002

GRB

WBAN # 14898

HOUR (LST)	SKY COVER		CEILING 100'S OFFT	SATELLITE		WEATHER	TEMPERATURE °F			RELATIVE HUMIDITY (PCT)	WIND		PRESSURE (INCHES,HG)		HOUR (LST)	SKY COVER		CEILING 100'S OFFT	SATELLITE		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		OBSERVATION TIME (LST)	EFF CLD AMT Okta		DRY BULB	DEW POINT		WET BULB	SPEED (MPH)	DIRECTION TENS OF DEG		STATION	SEA LEVEL		
SUNRISE: 0547 MAR 25 SUNSET: 1810																													
03	CLR	NC			10.00		11	4	9	73	12	02	29.66	30.46	03	CLR	NC			10.00		32	25	29	75	6	22	29.21	29.98
06	OVC	027			3.00	-SN	16	11	15	80	17	02	29.68	30.49	06	SCT	NC			10.00		33	27	31	78	8	22	29.22	29.99
09	OVC	015			1.25	-SN BR	21	18	20	88	18	04	29.70	30.51	09	CLR	NC			10.00		39	27	34	62	14	23	29.21	29.98
12	OVC	028			7.00	-SN	23	16	21	74	17	03	29.72	30.52	12	BKN	060			10.00		43	26	36	51	18	26	29.17	29.94
15	OVC	024			10.00		25	16	22	69	18	04	29.66	30.46	15	FEW	NC			10.00		42	26	36	53	20	31	29.15	29.92
18	CLR	NC			10.00		24	14	21	65	12	05	29.65	30.45	18	OVC	070			10.00		36	21	31	55	12	29	29.17	29.94
21	CLR	NC			10.00		22	14	20	71	9	04	29.65	30.45	21	BKN	055			10.00		32	25	29	75	9	28	29.20	29.97
24	CLR	NC			10.00		22	18	21	85	16	04	29.60	30.40	24	BKN	055			10.00		30	23	28	75	8	28	29.21	29.98
SUNRISE: 0545 MAR 26 SUNSET: 1811																													
03	BKN	011			10.00		19	17	18	92	15	03	29.56	30.35	3-HOURLY OBSERVATION NOTES														
06	OVC	023			9.00		19	17	18	92	13	02	29.56	30.35	Sky Cover is the amount of the sky obscured. CLR or SKC = 0, FEW = 1/8-2/8,														
09	OVC	024			10.00		26	19	24	75	13	02	29.52	30.32	SCT = 3/8-4/8, BKN = 5/8-7/8, OVC = 8/8, VV = Vertical Visibilty = 8/8.														
12	CLR	NC			10.00		32	21	28	64	13	05	29.48	30.27	Ceiling is reported in hundreds of feet above ground level for clouds at or below 12,000 feet.														
15	CLR	NC			10.00		35	19	30	52	10	07	29.43	30.22	NC= No ceiling detected.														
18	CLR	NC			10.00		35	23	31	61	3	19	29.42	30.21	& = Original observation contained additional weather elements.														
21	CLR	NC			10.00		28	21	26	75	5	03	29.43	30.22	See page 3 for additional notes.														
24	CLR	NC			10.00		27	23	26	85	0	00	29.43	30.22															
SUNRISE: 0543 MAR 27 SUNSET: 1812																													
03	CLR	NC			10.00		24	22	23	91	3	01	29.43	30.22	SUMMARY BY HOUR														
06	CLR	NC			4.00	BR	21	20	21	96	0	00	29.45	30.24															
09	CLR	NC			9.00		32	25	29	75	5	17	29.47	30.26															
12	CLR	NC			10.00		40	21	33	47	8	18	29.44	30.22															
15	CLR	NC			10.00		43	24	36	47	10	20	29.37	30.15															
18	CLR	NC			10.00		37	26	33	65	13	16	29.32	30.11															
21	CLR	NC			10.00		33	25	30	72	10	15	29.32	30.10															
24	FEW	NC			9.00		34	27	31	76	9	18	29.28	30.05															
SUNRISE: 0541 MAR 28 SUNSET: 1814																													
03	CLR	NC			6.00	BR	31	27	29	85	8	17	29.22	29.99															
06	BKN	110			8.00		34	24	30	67	15	15	29.13	29.90															
09	OVC	085			6.00	HZ	37	29	34	73	16	17	29.07	29.84															
12	OVC	016			3.00	BR	36	32	34	86	10	18	29.00	29.79															
15	OVC	021			3.00	HZ	42	32	38	68	12	19	29.02	29.77															
18	CLR	NC			4.00	HZ	44	31	39	60	8	19	28.98	29.75															
21	CLR	NC			3.00	HZ	37	32	35	82	7	19	29.01	29.78															
24	FEW	NC			2.00	BR	36	32	34	86	5	23	28.99	29.76															
SUNRISE: 0539 MAR 29 SUNSET: 1815																													
03	CLR	NC			3.00	BR	35	32	34	89	6	20	28.99	29.75															
06	SCT	NC			4.00	BR	35	30	33	82	8	23	29.01	29.78															
09	CLR	NC			10.00		39	30	35	70	5	23	29.01	29.78															
12	CLR	NC			10.00		47	36	42	66	12	19	28.96	29.72															
15	CLR	NC			10.00		53	32	44	45	7	23	28.89	29.65															
18	CLR	NC			10.00		47	33	41	59	7	22	28.88	29.64															
21	FEW	NC			10.00		42	30	37	62	13	29	28.95	29.72															
24	CLR	NC			10.00		36	28	33	73	7	27	28.98	29.75															
SUNRISE: 0537 MAR 30 SUNSET: 1816																													
03	SCT	NC			10.00		34	28	32	79	7	21	28.99	29.75															
06	CLR	NC			10.00		33	29	31	85	7	21	29.02	29.79															
09	SCT	NC			10.00		40	33	37	77	18	27	29.06	29.82															
12	BKN	049			10.00		44	32	39	63	18	26	29.11	29.88															
15	FEW	NC			10.00		46	26	38	46	18	27	29.14	29.91															
18	BKN	075			10.00		44	25	37	47	13	27	29.16	29.92															
21	CLR	NC			10.00		37	24	32	60	7	24	29.21	29.98															
24	CLR	NC			10.00		33	26	30	75	7	25	29.24	30.01															





MARCH 2002

GREEN BAY, WI

LOCAL CLIMATOLOGICAL DATA

NOAA, National Climatic Data Center

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