



# FEBRUARY 2003

## 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

FEBRUARY 2003  
GREEN BAY, WI

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																											
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	32	23	28	11	26	28	37	0	BR HZ	6		0.0	0.00	29.13	29.91	3.4	18	4.6	13	18	12	19	01																										
02	35	30	33	16	31	32	32	0	SN FG+ FZFG BR	5		2.0	0.20	29.13	29.90	6.4	08	7.1	16	09	13	08	02																										
03	33	26	30	13	30	30	35	0	RA FZRA SN BR UP	7		2.3	0.22	28.76	29.53	8.9	04	11.3	21	34	17	35	03																										
04	28	0	14	-4	7	12	51	0	SN BR HZ	8		0.3	0.02	29.01	29.80	14.8	30	28	25	29	04																												
05	13	-9	2	-16	-1	4	63	0	SN BR	8		0.3	0.01	29.38	30.19	4.3	24	5.6	16	24	13	24	05																										
06	18	4	11	-7	8	12	54	0	SN BR HZ	9		2.8	0.06	29.41	30.22	4.2	34	6.5	21	02	16	03	06																										
07	9	-13*	-2*	-20	-7	0	67	0	SN BR	9		T	T	29.33	30.14	9.1	25	10.5	23	21	20	25	07																										
08	25	4	15	-3	6	13	50	0	SN	9		0.2	T	29.08	29.87	11.0	26	12.6	25	27	21	27	08																										
09	15	-10	3	-16	-6	2	62	0	SN BR	9		0.1	T	29.17	29.97	9.7	22	10.4	23	22	18	22	09																										
10	17	-12	3	-16	-5	4	62	0	SN BR UP HZ	9		T	T	29.10	29.90	6.9	32	10.0	33	01	25	01	10																										
11	18	-9	5	-14	-3	4	60	0	SN FG+ FZFG BR UP HZ BLSN	9		0.6	0.03	28.94	29.74	9.8	25	12.7	31	31	25	30	11																										
12	7	-6	1	-19	-11	-1	64	0		9		0.0	0.00	29.27	30.07	12.0	27	12.6	28	30	23	29	12																										
13	20	-3	9	-11	0	9	56	0		9		0.0	0.00	29.34	30.14	8.9	26	9.5	23	27	20	28	13																										
14	20	-5	8	-12	3	10	57	0		9		0.0	0.00	29.41	30.22	7.3	04	7.5	31	04	24	03	14																										
15	9	5	7	-13	0	6	58	0	UP BLSN	8		T	T	29.76	30.57	18.3	03	18.4	31	05	26	04	15																										
16	18	-1	9	-12	3	7	56	0		8		0.0	0.00	29.73	30.54	11.2	05	11.3	23	04	20	04	16																										
17	29	-1	14	-7	9	12	51	0	FZFG BR	8		0.0	0.00	29.36	30.16	4.0	06	5.0	13	17	12	17	17																										
18	37	22	30	9	24	27	35	0	RA FZRA SN BR UP HZ	8		T	T	29.10	29.88	11.5	22	13.4	32	27	26	26	18																										
19	32	14	23	1	14	20	42	0		7		0.0	0.00	29.33	30.11	10.2	24	10.7	26	26	22	26	19																										
20	43	20	32	10	25	30	33	0		7		0.0	0.00	29.24	30.02	10.4	21	10.4	21	21	15	22	20																										
21	45*	23	34*	12	27	31	31	0	BR HZ	3		0.0	0.00	29.09	29.86	1.9	10	11.2	33	04	29	04	21																										
22	23	10	17	-6	12	17	48	0		3		0.0	0.00	29.08	29.87	17.7	02	18.3	33*	01	29*	01	22																										
23	18	5	12	-11	2	10	53	0	SN BR HZ	2		0.3	0.01	29.27	30.07	9.1	36	10.6	21	34	17	04	23																										
24	14	0	7	-16	-2	6	58	0	SN BR HZ	3		0.3	0.01	29.49	30.29	8.6	31	11.6	26	28	22	27	24																										
25	11	-9	1	-23	-7	1	64	0		3		0.0	0.00	29.65	30.47	5.6	23	7.3	16	28	13	20	25																										
26	22	-3	10	-14	2	9	55	0	BR	3		0.0	0.00	29.41	30.22	6.3	20	6.5	18	20	16	21	26																										
27	31	3	17	-7	11	16	48	0	BR HZ	2		0.0	0.00	29.32	30.12	2.5	19	3.2	10	22	8	18	27																										
28	38	15	27	2	20	25	38	0	BR HZ	2		0.0	0.00	29.31	30.09	5.6	20	5.8	14	20	10	18	28																										
										23.6		4.4	14.0	■ ■		7.8	13.4	50.7	0.0	< MONTHLY AVERAGES		TOTALS->		9.2	0.56	29.27	30.07	10.0		<- MONTHLY AVERAGES																			
										-5.3		-7.7	-6.5	■ ■		<-----DEPARTURE FROM NORMAL----->										- .45		SUNSHINE, CLOUD, & VISIBILITY TABLES ON PAGE 3																					
DEGREE DAYS										GREATEST 24-HR PRECIPITATION: 0.22 DATE :03										SEA LEVEL PRESSURE DATE TIME																													
MONTHLY TOTAL DEPARTURE										GREATEST 24-HR SNOWFALL: 2.8 DATE :06										MAXIMUM : 30.67 15 2153																													
SEASON TO DATE TOTAL DEPARTURE										GREATEST SNOW DEPTH: 9 DATE :14+										MINIMUM : 29.35 03 2153																													
HEATING: 1420 158 5840 -39										NUMBER OF DAYS WITH →										MAXIMUM TEMP ≥ 90: 0										MINIMUM TEMP ≤ 32: 28										PRECIPITATION ≥ 0.01 INCH : 8									
COOLING: 0 0 0 0																				MAXIMUM TEMP ≤ 32 :22										MINIMUM TEMP ≤ 0 : 14										PRECIPITATION ≥ 0.10 INCH : 2									
																				THUNDERSTORMS : 0										HEAVY FOG : 2										SNOWFALL ≥ 1.0 INCH : 3									

# HOURLY PRECIPITATION

(WATER EQUIVALENT IN INCHES)

# GREEN BAY, WI

FEBRUARY 2003

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												01		0.00		
02													02												02	0.11	0.20		
03													03	T											03	0.10	0.22		
04	T	T	T	T	T	0.03	0.01	0.02	T				04			T	0.01	0.01	T	0.01	0.03	0.03	0.04	T	04	T	0.02		
05						T							05							T	T	T	T	T	05	T	0.01		
06	T	0.01	0.01	T	T	T	T	T					06					T		T	T	T	T	T	06	0.02	0.06		
07	T												07												07		T		
08						T	T	T	T				08												08		T		
09													09												09		T		
10	T	T	T										10												10		T		
11													11												11	T	0.03		
12													12	T	T	T	T	T	T					12		0.00			
13													13												13		0.00		
14													14												14		0.00		
15													15	T	T	T	T	T							15		0.00		
16													16												16		0.00		
17													17												17		0.00		
18													18												18		T		
19													19												19		0.00		
20													20												20		0.00		
21													21												21		0.00		
22													22												22		0.00		
23													23												23	T	0.01		
24	T	T	T	T	T								24												24	T	0.01		
25													25												25		0.00		
26													26												26		0.00		
27													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.

## 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		
	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 FEBRUARY 2003

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:

**Note:** 2002 LCD Annual, the element "Normal Dry Bulb" was not updated using the 1971–2000 Normals. Correction will be made in the 2003 LCD Annual.

DATE	SUNSHINE		CLOUDINESS (OKTAS)				VISIBILITY (MILES)		RESERVED
	TOTAL MINUTES	PERCENT POSSIBLE	SR–SS		MN–MN		MINIMUM	MAXIMUM	
			CEILOMETER	SATELLITE	CEILOMETER	SATELLITE			
01	11	2					1.50	7.00	
02	0	0					.25	7.00	
03	0	0					1.00	6.00	
04	451	75					1.50	10.00	
05	514	86					1.25	10.00	
06	416	69					.75	10.00	
07	563	93					10.00	10.00	
08	271	44					3.00	10.00	
09	580	95					1.75	10.00	
10	471	77					1.25	10.00	
11	244	40					.25	10.00	
12	554	89					10.00	10.00	
13	577	93					10.00	10.00	
14	136	22					9.00	10.00	
15	373	59					3.00	10.00	
16	591	100					10.00	10.00	
17	593	94					.50	10.00	
18	209	33					1.75	10.00	
19	595	93					10.00	10.00	
20	584	91					7.00	10.00	
21	0	0					6.00	10.00	
22	0	0					10.00	10.00	
23	523	80					1.50	10.00	
24	388	59					1.50	10.00	
25	610	93					10.00	10.00	
26	595	90					6.00	10.00	
27	560	84					2.50	9.00	
28	467	62					3.00	9.00	
MONTHLY AVGS							4.74	9.57	
<b>SUNSHINE (MINUTES)</b>									
Total: 10876    Possible: 17599 Percent Possible: 62									
<b>NUMBER OF DAYS WITH:</b>									
<b>SKY CONDITION</b>									
CLR   PTLY CLDY   CLOUDY   MISSING									
28									
<b>MINIMUM VISIBILITY (MILES)</b>									
<=0.25    <=3.0    >=7.0									
1            16            9									



# OBSERVATIONS AT 3-HOURLY INTERVALS

# GREEN BAY, WI

FEBRUARY 2003

GRB

WBAN # 14898

HOUR (LST)	SATELLITE		VISIBILITY (MILES)	WEATHER	TEMPERATURE °F				WIND		PRESSURE (INCHES, HG)		HOUR (LST)	SATELLITE		VISIBILITY (MILES)	WEATHER	TEMPERATURE °F				WIND		PRESSURE (INCHES, HG)					
	SKY COVER	CEILING 100'S OF FT			OBSERVATION TIME (LST)	EFF CLD AMT Otktas	DRY BULB	DEW POINT	WET BULB	RELATIVE HUMIDITY (PCT)	SPEED (MPH)	DIRECTION TENS OF DEG		STATION	SEA LEVEL			SKY COVER	CEILING 100'S OF FT	OBSERVATION TIME (LST)	EFF CLD AMT Otktas	DRY BULB	DEW POINT	WET BULB	RELATIVE HUMIDITY (PCT)	SPEED (MPH)	DIRECTION TENS OF DEG	STATION	SEA LEVEL
SUNRISE: 0656 FEB 13					SUNSET: 1718					SUNRISE: 0647 FEB 19					SUNSET: 1726														
03	OVC	070	10.00		4	-6	2	63	6	23	29.33	30.14	03	CLR	NC	10.00		19	11	17	71	17	26	29.23	30.01				
06	OVC	055	10.00		7	-1	5	70	9	25	29.32	30.12	06	CLR	NC	10.00		16	9	14	74	12	25	29.30	30.08				
09	CLR	NC	10.00		9	0	7	67	10	27	29.34	30.15	09	CLR	NC	10.00		17	10	15	74	10	25	29.34	30.14				
12	CLR	NC	10.00		16	0	12	49	16	27	29.32	30.14	12	CLR	NC	10.00		26	15	23	63	15	24	29.36	30.15				
15	CLR	NC	10.00		20	4	16	50	14	27	29.31	30.11	15	CLR	NC	10.00		31	19	27	61	12	24	29.34	30.13				
18	CLR	NC	10.00		16	3	13	56	8	24	29.34	30.14	18	CLR	NC	10.00		28	18	25	66	6	22	29.35	30.14				
21	CLR	NC	10.00		12	0	10	58	7	26	29.36	30.16	21	CLR	NC	10.00		22	16	20	78	8	20	29.37	30.16				
24	CLR	NC	10.00		5	-3	4	69	5	04	29.36	30.17	24	CLR	NC	10.00		22	17	20	82	7	21	29.35	30.15				
SUNRISE: 0654 FEB 14					SUNSET: 1719					SUNRISE: 0645 FEB 20					SUNSET: 1728														
03	CLR	NC	10.00		-2	-5	-2	87	3	01	29.35	30.16	03	CLR	NC	10.00		23	18	21	81	9	22	29.35	30.14				
06	OVC	065	10.00		8	3	7	80	0	00	29.36	30.17	06	CLR	NC	8.00		22	18	21	85	7	21	29.32	30.11				
09	OVC	070	10.00		12	2	10	64	0	00	29.40	30.21	09	CLR	NC	10.00		29	21	26	72	10	21	29.30	30.08				
12	SCT	NC	10.00		18	3	14	52	9	05	29.40	30.21	12	CLR	NC	10.00		39	27	34	62	13	21	29.25	30.03				
15	CLR	NC	10.00		19	5	16	54	10	05	29.37	30.18	15	CLR	NC	10.00		43	30	38	60	12	21	29.16	29.93				
18	OVC	050	10.00		18	5	15	57	13	05	29.42	30.22	18	CLR	NC	10.00		41	32	37	70	13	21	29.14	29.92				
21	CLR	NC	10.00		16	7	14	67	10	04	29.49	30.29	21	FEW	NC	10.00		40	31	36	70	13	21	29.16	29.93				
24	CLR	NC	9.00		9	3	8	77	23	04	29.56	30.37	24	OVC	055	10.00		37	30	34	76	12	20	29.18	29.95				
SUNRISE: 0653 FEB 15					SUNSET: 1721					SUNRISE: 0644 FEB 21					SUNSET: 1729														
03	CLR	NC	10.00		6	-1	5	73	15	02	29.60	30.41	03	CLR	NC	10.00		32	27	30	82	6	20	29.15	29.92				
06	OVC	026	10.00		6	-1	5	73	16	02	29.67	30.47	06	FEW	NC	9.00		32	27	30	82	12	20	29.12	29.89				
09	OVC	026	3.00	UP	7	1	6	76	20	04	29.76	30.57	09	FEW	NC	6.00	HZ	34	27	31	76	9	21	29.11	29.88				
12	BKN	024	6.00	BLSN	9	2	8	73	22	03	29.79	30.60	12	CLR	NC	8.00		40	30	36	68	12	22	29.06	29.83				
15	OVC	024	5.00	BLSN	8	2	7	76	20	03	29.80	30.61	15	SCT	NC	9.00		42	32	38	68	5	15	28.99	29.76				
18	CLR	NC	10.00		5	-1	4	76	16	04	29.83	30.65	18	OVC	085	6.00	BR	32	30	31	92	20	04	29.04	29.82				
21	CLR	NC	10.00		7	-2	5	66	17	04	29.85	30.67	21	OVC	013	10.00		27	23	26	85	21	04	29.10	29.88				
24	CLR	NC	10.00		5	-2	4	72	18	04	29.82	30.65	24	OVC	020	10.00		23	20	22	88	16	04	29.12	29.90				
SUNRISE: 0651 FEB 16					SUNSET: 1722					SUNRISE: 0642 FEB 22					SUNSET: 1730														
03	CLR	NC	10.00		2	-3	1	80	12	04	29.83	30.65	03	OVC	016	10.00		22	19	21	89	16	03	29.11	29.89				
06	OVC	014	10.00		0	-4	-1	83	14	05	29.83	30.66	06	OVC	029	10.00		20	15	19	81	17	02	29.11	29.89				
09	CLR	NC	10.00		5	1	4	83	8	05	29.81	30.63	09	OVC	030	10.00		20	14	18	78	21	04	29.12	29.90				
12	CLR	NC	10.00		16	10	14	77	14	04	29.76	30.57	12	OVC	055	10.00		22	14	20	71	18	01	29.08	29.86				
15	CLR	NC	10.00		17	10	15	74	14	06	29.70	30.52	15	OVC	050	10.00		21	12	18	68	22	01	29.01	29.79				
18	CLR	NC	10.00		11	6	10	81	12	05	29.63	30.45	18	OVC	046	10.00		19	8	16	62	18	03	29.07	29.85				
21	CLR	NC	10.00		10	6	9	84	10	03	29.62	30.43	21	CLR	NC	10.00		14	4	12	64	18	01	29.09	29.88				
24	CLR	NC	10.00		5	2	4	87	6	04	29.54	30.35	24	CLR	NC	10.00		10	2	8	69	13	34	29.10	29.89				
SUNRISE: 0650 FEB 17					SUNSET: 1724					SUNRISE: 0640 FEB 23					SUNSET: 1732														
03	CLR	NC	10.00		-1	-4	-1	87	8	01	29.51	30.32	03	CLR	NC	10.00		8	0	6	69	13	34	29.12	29.91				
06	CLR	NC	10.00		1	-3	0	83	0	00	29.46	30.28	06	CLR	NC	10.00		6	-2	5	69	12	34	29.19	29.99				
09	SCT	NC	8.00		7	5	7	91	0	00	29.43	30.24	09	CLR	NC	10.00		9	-1	7	64	12	35	29.27	30.06				
12	CLR	NC	10.00		21	15	19	78	7	05	29.40	30.21	12	CLR	NC	10.00		15	2	12	56	9	36	29.28	30.07				
15	CLR	NC	10.00		29	21	26	72	7	08	29.30	30.09	15	CLR	NC	10.00		18	2	14	49	10	33	29.31	30.11				
18	CLR	NC	10.00		22	17	20	82	6	07	29.26	30.06	18	OVC	075	10.00		17	3	14	54	7	09	29.34	30.14				
21	CLR	NC	6.00	BR	16	14	15	92	3	14	29.22	30.02	21	OVC	028	2.50	-SN	12	7	11	80	12	04	29.37	30.18				
24	OVC	020	7.00		21	20	21	96	10	17	29.18	29.97	24	OVC	012	2.00	-SN BR	10	6	9	84	13	04	29.37	30.18				
SUNRISE: 0648 FEB 18					SUNSET: 1725					SUNRISE: 0639 FEB 24					SUNSET: 1733														
03	OVC	007	3.00	BR	25	23	24	92	8	19	29.15	29.93	03	OVC	011	3.00	-SN BR	8	4	7	83	9	03	29.39	30.19				
06	OVC	007	3.00	BR	26	24	25	92	13	20	29.11	29.89	06	OVC	075	10.00		7	3	6	84	7	36	29.39	30.20				
09	OVC	007	2.00	BR	25	23	24	92	9	21	29.12	29.91	09	BKN	025	10.00		7	1	6	76	10	33	29.44	30.24				
12	OVC	011	3.00	BR	30	26	29	85	14	22	29.11	29.89	12	BKN	027	10.00		11	1	9	64	10	31	29.46	30.27				
15	CLR	NC	4.00	HZ	34	28	32	79	14	19	29.06	29.83	15	BKN	025	10.00		13	2	11	61	13	29	29.47	30.27				
18	BKN	050	7.00		35	30	33	82	15	20	29.02	29.80	18	CLR	NC	10.00		8	-8	5	47	15	27	29.54	30.35				
21	OVC	034	10.00		35	25	31	67	17	27	29.06	29.84	21	CLR	NC	10.00		3	-10	1	54	14	28	29.62	30.43				
24	BKN	035	10.00		23	12	20	63	22	26	29.18	29.96	24	CLR	NC	10.00		0	-12	-1	57	10	29	29.68	30.49				

# OBSERVATIONS AT 3-HOURLY INTERVALS

# GREEN BAY, WI

FEBRUARY 2003

GRB

WBAN # 14898

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 OF FT		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	OBSERVATION TIME (LST)	EFF CLD AMT Oktas	VISIBILITY (MILES)	DRY BULB	DEW POINT	WET BULB	RELATIVE HUMIDITY (PCT)	SPEED (MPH)	DIRECTION TENS OF DEG
<p style="text-align: center;"><b>SUNRISE: 0637      FEB 25      SUNSET: 1735</b></p>																									
03	CLR	NC				-4	-13	-5	65	8	26	29.72	30.54												
06	CLR	NC				-7	-14	-8	71	6	27	29.74	30.56												
09	CLR	NC				0	-10	-1	62	8	27	29.75	30.57												
12	CLR	NC				6	-7	4	54	8	21	29.71	30.53												
15	CLR	NC				11	-2	8	56	7	VR	29.62	30.44												
18	CLR	NC				9	-3	7	58	7	19	29.56	30.38												
21	CLR	NC				4	-4	3	69	6	18	29.53	30.35												
24	CLR	NC				4	-3	3	73	6	20	29.49	30.30												
<p style="text-align: center;"><b>SUNRISE: 0635      FEB 26      SUNSET: 1736</b></p>																									
03	CLR	NC				1	-5	0	75	7	19	29.49	30.30												
06	BKN	070				0	-4	-1	83	3	23	29.48	30.29												
09	CLR	NC				7	0	6	73	7	21	29.46	30.28												
12	CLR	NC				16	5	13	62	8	22	29.43	30.24												
15	CLR	NC				21	6	17	52	10	22	29.36	30.17												
18	CLR	NC				18	6	15	60	5	19	29.33	30.14												
21	CLR	NC				12	4	10	70	7	17	29.32	30.13												
24	CLR	NC				13	10	12	88	7	20	29.32	30.11												
<p style="text-align: center;"><b>SUNRISE: 0634      FEB 27      SUNSET: 1737</b></p>																									
03	CLR	NC				7	4	6	87	3	21	29.32	30.12												
06	CLR	NC				4	0	3	83	3	19	29.33	30.14												
09	CLR	NC				17	10	15	74	0	00	29.35	30.15												
12	CLR	NC				27	13	23	55	5	18	29.33	30.13												
15	CLR	NC				30	15	25	54	5	VR	29.31	30.09												
18	CLR	NC				26	17	23	69	6	18	29.31	30.10												
21	CLR	NC				21	15	19	78	5	21	29.31	30.09												
24	CLR	NC				17	13	16	84	3	20	29.30	30.09												
<p style="text-align: center;"><b>SUNRISE: 0632      FEB 28      SUNSET: 1739</b></p>																									
03	OVC	085				21	16	20	81	6	21	29.30	30.09												
06	OVC	085				21	17	20	85	6	21	29.32	30.10												
09	SCT	NC				25	18	23	75	5	20	29.33	30.13												
12	CLR	NC				35	23	31	61	8	20	29.33	30.12												
15	SCT	NC				38	22	32	53	9	21	29.30	30.08												
18	CLR	NC				33	23	29	67	5	18	29.30	30.09												
21	CLR	NC				27	22	25	81	3	17	29.30	30.08												
24	CLR	NC				27	21	25	78	6	19	29.29	30.06												
<p style="text-align: center;"><b>SUNRISE:                      FEB 29                      SUNSET:</b></p>																									
<p style="text-align: center;"><b>SUNRISE:                      FEB 30                      SUNSET:</b></p>																									

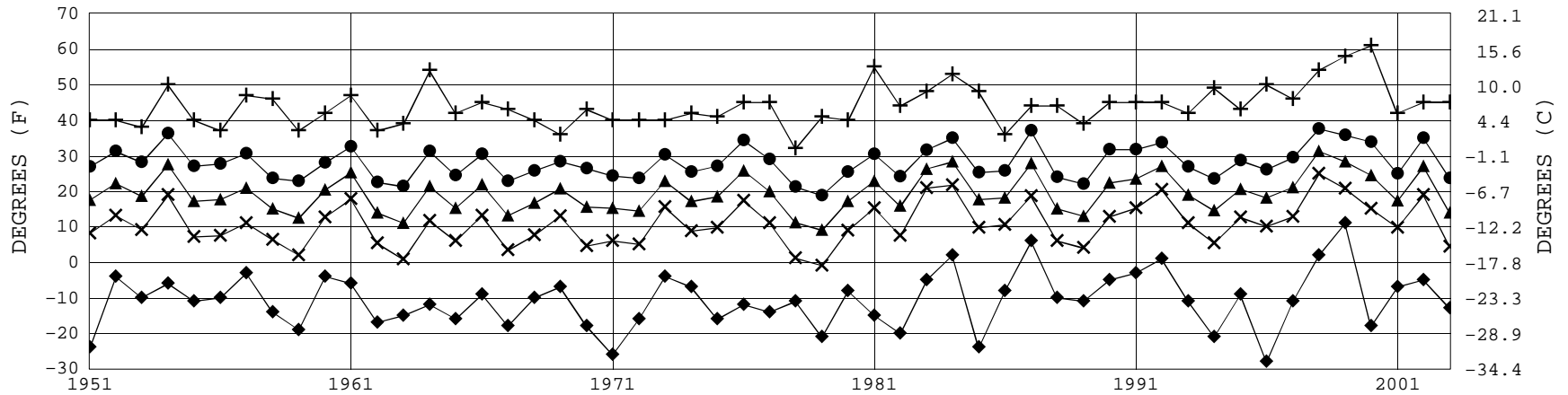
## 3-HOURLY OBSERVATION NOTES

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 WIND (MPH)	
	CEILOMETER	EFF CLD AMT	DRY BULB	DEW POINT	WET BULB	RELATIVE HUMIDITY	PRESSURE (INCHES, HG)		VISIBILITY (MILES)	WIND SPEED (MPH)	DIRECTION	SPEED	DIRECTION
							STATION	SEA LEVEL					
01			12	6	11	77	29.27	30.07	7.88	9	2	31	
02			12	6	11	79	29.27	30.07	7.51	8	2	28	
03			11	6	10	80	29.27	30.06	7.95	8	2	30	
04			11	6	10	79	29.27	30.06	8.04	8	2	29	
05			11	5	10	79	29.27	30.07	7.80	8	2	30	
06			10	5	9	79	29.27	30.07	7.78	8	2	28	
07			10	5	9	80	29.28	30.08	7.39	8	2	29	
08			10	5	9	80	29.29	30.09	7.20	8	2	29	
09			12	6	11	77	29.29	30.09	6.79	9	3	29	
10			15	8	13	73	29.29	30.09	7.16	10	3	28	
11			17	8	15	69	29.29	30.09	7.93	11	3	29	
12			19	9	16	67	29.28	30.08	8.46	12	4	27	
13			20	10	18	65	29.27	30.06	8.39	12	4	26	
14			21	10	19	64	29.25	30.05	8.27	12	5	27	
15			22	11	19	64	29.25	30.04	8.12	11	4	28	
16			22	11	19	63	29.25	30.04	8.44	11	3	26	
17			21	10	18	64	29.25	30.04	8.64	11	2	27	
18			18	9	16	68	29.26	30.05	8.69	10	1	28	
19			17	9	15	70	29.27	30.06	8.76	9	2	29	
20			16	8	14	72	29.27	30.07	8.64	10	2	32	
21			15	8	14	73	29.27	30.07	7.93	10	2	30	
22			14	8	13	74	29.27	30.07	7.76	11	2	31	
23			14	7	12	75	29.28	30.07	7.67	11	3	31	
24			13	7	12	77	29.27	30.07	7.66	10	2	30	

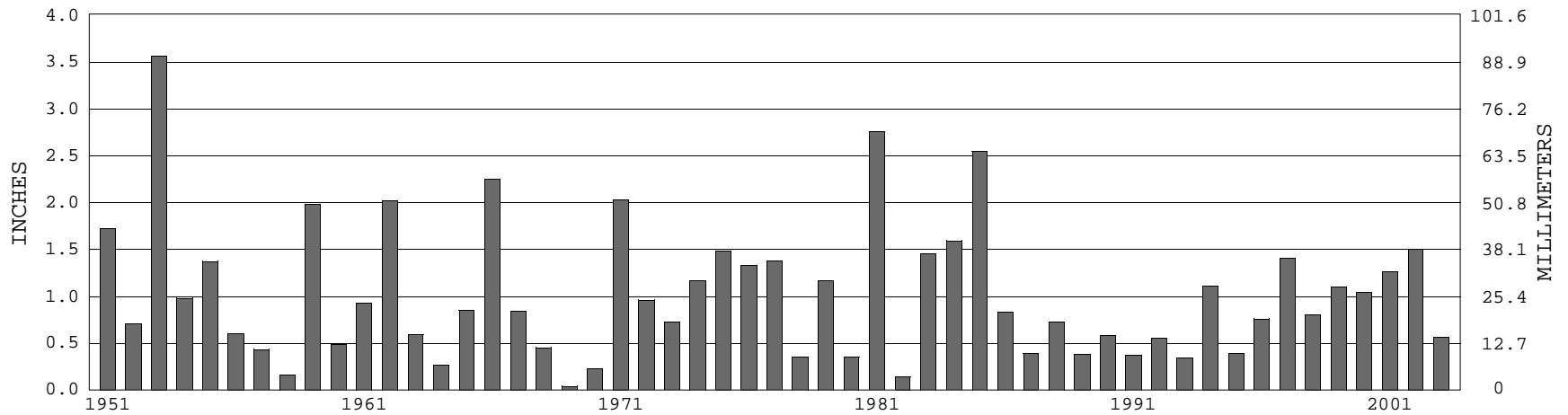
### GREEN BAY, WI FEBRUARY TEMPERATURES



+ Extreme Max.      ● Mean Max.      ▲ Mean      × Mean Min.      ◆ Extreme Min.

Long-Term (1951-2003) Mean: 19.4      1961-1990 Normal: 20.5

### GREEN BAY, WI FEBRUARY PRECIPITATION



Long-Term (1951-2003) Mean Monthly Total: 1.02

1961-1990 Normal: 1.01



FEBRUARY 2003

GREEN BAY, 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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