



FEBRUARY 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	32	10	21	4	16	21	44	0	SN FZFG BR	8		3.0	0.20	29.30	30.09	12.0	31	13.9	28	01	23	36	01					
02	31	-5*	13	-4	13	17	52	0	SN BR	7		T	T	29.41	30.21	9.7	21	10.8	29	27	24	26	02					
03	31	13	22	5	15	20	43	0	HZ	7		0.0	0.00	29.26	30.04	13.9	30	15.2	35	29	28	29	03					
04	19	5	12*	-6	3	10	53	0		6		0.0	0.00	29.62	30.43	5.9	29	9.5	20	33	16	33	04					
05	26	11	19	1	9	15	46	0	BR	6		0.0	0.00	29.47	30.27	7.4	24	8.1	22	24	16	24	05					
06	36	8	22	4	20	23	43	0	BR HZ	6		0.0	0.00	29.20	29.99	9.7	21	9.9	22	24	16	23	06					
07	42	24	33	15	25	30	32	0	BR HZ	5		0.0	0.00	29.13	29.90	7.2	24	8.2	18	28	16	28	07					
08	42	27	35	17	27	31	30	0	BR HZ	4		0.0	0.00	29.24	30.01	0.5	14	6.9	15	09	13	08	08					
09	39	28	34	15	31	33	31	0	BR HZ	3		0.0	0.00	29.34	30.12	11.3	07	13.0	32	04	26	04	09					
10	34	16	25	6	21	26	40	0	SN FG+ BR UP	1		1.0	0.09	29.41	30.19	17.2	01	17.8	36	01	28	01	10					
11	35	8	22	3	15	21	43	0		2		0.0	0.00	29.23	30.01	12.1	21	13.4	35	21	26	21	11					
12	39	13	26	6	16	24	39	0	SN	2		0.1	T	29.09	29.87	16.8	30	18.6	41	28	33	29	12					
13	32	6	19	-1	13	20	46	0		2		0.0	0.00	29.42	30.21	10.3	22	11.1	25	20	21	21	13					
14	44	27	36	16	25	32	29	0		1		0.0	0.00	29.10	29.87	15.7	20	15.7	37	20	28	20	14					
15	39	34	37	17	28	33	28	0	SN BR	T		T	T	28.99	29.76	7.5	27	9.4	21	26	18	28	15					
16	36	30	33	12	27	31	32	0	SN FG BR	1		1.3	0.11	29.08	29.85	9.3	31	10.0	24	30	21	31	16					
17	31	20	26	5	17	24	39	0	SN	T		T	T	29.44	30.23	1.0	11	7.5	21	02	17	01	17					
18	45*	26	36	15	27	32	29	0	RA	T		0.0	0.08	29.24	30.02	10.4	19	10.8	29	21	23	20	18					
19	40	36	38*	16	33	36	27	0	RA FG+ BR UP HZ	T		0.0	0.34	29.04	29.80	4.3	11	5.9	12	18	9	09	19					
20	37	28	33	11	33	34	32	0	RA SN FG+ FZFG BR	T		2.1	0.61	28.74	29.51	18.2	03	18.6	44*	04	36*	03	20					
21	34	21	28	6	20	25	37	0	SN BR UP	3		0.4	0.02	29.23	30.01	16.0	36	16.1	32	01	25	01	21					
22	32	14	23	0	15	21	42	0		2		0.0	0.00	29.45	30.24	2.3	30	5.7	16	01	14	01	22					
23	40	20	30	7	26	31	35	0	RA	2		0.0	T	29.18	29.96	9.3	18	9.4	21	19	17	16	23					
24	41	33	37	14	32	35	28	0	RA BR HZ	1		0.0	0.01	29.08	29.85	5.9	05	7.3	20	01	17	01	24					
25	35	23	29	5	23	28	36	0	SN BR	T		T	T	29.21	29.99	13.8	36	14.2	29	02	23	36	25					
26	27	19	23	-1	16	21	42	0	SN BR HZ	T		0.6	0.04	29.10	29.89	14.5	34	14.9	28	34	22	33	26					
27	31	17	24	0	10	19	41	0	SN	T		T	T	29.18	29.96	10.9	31	12.5	25	33	22	32	27					
28	29	17	23	-2	13	20	42	0	SN BR	T		T	T	29.16	29.95	10.0	25	11.8	26	28	23	28	28					
35.0 18.9 27.0 ■■										< MONTHLY AVERAGES TOTALS->				8.5	1.50	29.23	30.01	3.5	29	11.7	<- MONTHLY AVERAGES							
6.1 6.8 6.5 ■■										<-----DEPARTURE FROM NORMAL----->										0.49	SUNSHINE, CLOUD, & VISIBILITY TABLES ON PAGE 3							
DEGREE DAYS									GREATEST 24-HR PRECIPITATION: 0.61 DATE :20					SEA LEVEL PRESSURE DATE TIME														
MONTHLY									GREATEST 24-HR SNOWFALL: 3.0 DATE :01					MAXIMUM					: 30.52 04 1056									
TOTAL DEPARTURE									GREATEST SNOW DEPTH: 8 DATE : 01					MINIMUM					: 29.39 20 1456									
SEASON TO DATE									NUMBER OF DAYS WITH ➔					MAXIMUM TEMP ≥ 90: 0					MINIMUM TEMP ≤ 32: 25									
HEATING: 1061 -247 4763 -1200									MAXIMUM TEMP ≤ 32 :11					MINIMUM TEMP ≤ 0 : 1					PRECIPITATION ≥ 0.01 INCH : 9									
COOLING: 0 0 0 0									THUNDERSTORMS : 0					HEAVY FOG : 3					PRECIPITATION ≥ 0.10 INCH : 4									
																			SNOWFALL ≥ 1.0 INCH : 4									

FEBRUARY 2002
GREEN BAY, WI

HOURLY PRECIPITATION

(WATER EQUIVALENT IN INCHES)

GREEN BAY, WI

FEBRUARY 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	T	0.02	0.01	T	T	T	T	T					01					T	T						01	0.03	0.20	
02													02												02		T	
03													03												03		0.00	
04													04												04		0.00	
05													05												05		0.00	
06													06												06		0.00	
07													07												07		0.00	
08													08												08		0.00	
09													09												09		0.00	
10						0.01	0.01	T	T	T	T	T	10												10	0.02	0.09	
11													11												11		0.00	
12												T	12	T	T										12		T	
13													13												13		0.00	
14													14												14		0.00	
15													15										T		15		T	
16	T	T	0.01	0.06	0.04		0.01	0.01	T	T			16											T	16	0.13	0.11	
17	T	T	T										17												17		T	
18													18							0.01	T			0.03	0.04	18		0.08
19	0.04	0.09	0.06	0.01	0.02	T		T	T			T	19	T	0.02	0.03	0.04	T	0.01	0.01	0.01	0.01			19		0.34	
20	0.01						T	T			T	T	20	0.07	0.07	0.08	0.11	0.02	0.07	0.04	0.01	0.01	0.01	T	20	0.51	0.61	
21	T	T	T	T	0.01		T						21												21	0.01	0.02	
22													22												22		0.00	
23											T	T	23	T	T										23		T	
24													24									0.01			24		0.01	
25													25										T	T	25		T	
26	T	T	T	T	T	T	T	T	T			T	26	T	T	T	T	T	T	T	T	T	T	T	26	T	0.04	
27	T												27												27		T	
28													28	T		T	T								28		T	

MAXIMUM SHORT DURATION PRECIPITATION (See Note)

Time Period (Minutes)	5	10	15	20	30	45	60	80	100	120	150	180
Precipitation (Inches)	.02	.04	.05	.07	.09	.12	.15	.18	.19	.20	.26	.32
Ending Date	20	20	20	20	20	20	20	20	20	20	20	20
Ending Time (Hour/Min)	1712	1708	1712	1712	1522	1522	1529	1529	1539	1539	1518	1529

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	SQ Squalls
PR Partial	RA Rain	PY Spray	SS Sandstorm
SH Shower(s)	SG Snow Grains	SA Sand	GL Glaze
TS Thunderstorm	SN Snow	VA Volcanic Ash	
VC In the Vicinity	UP Unknown Precipitation		

Intensity (as indicated on pages 4 to 6):
'+' = Heavy ' ' = Moderate '–' = Light

GREEN BAY, WI FEBRUARY 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:

DATE	SUNSHINE		CLOUDINESS (OKTAS)				VISIBILITY (MILES)		RESERVED
	TOTAL MINUTES	PERCENT POSSIBLE	SR-SS		MN-MN		MINIMUM	MAXIMUM	
			CEILOMETER	SATELLITE	CEILOMETER	SATELLITE			
01	455	77					.50	10.00	
02	159	27					1.75	10.00	
03	165	28					6.00	10.00	
04	569	95					10.00	10.00	
05	409	68					4.00	10.00	
06	501	83					1.75	7.00	
07	549	91					6.00	10.00	
08	527	87					4.00	9.00	
09	0	0					1.75	7.00	
10	275	45					.50	10.00	
11	66	11					10.00	10.00	
12	2	0					7.00	10.00	
13	331	53					10.00	10.00	
14	438	70					10.00	10.00	
15	126	20					5.00	10.00	
16	117	19					.50	10.00	
17	436	69					8.00	10.00	
18	87	14					3.00	10.00	
19	0	0					.25	4.00	
20	0	0					.25	6.00	
21	100	15					1.50	10.00	
22	141	22					8.00	10.00	
23	0	0					8.00	10.00	
24	0	0					3.00	6.00	
25	62	9					6.00	10.00	
26	0	0					1.00	10.00	
27	200	30					6.00	10.00	
28	393	59					1.50	10.00	
MONTHLY AVGS							4.70	9.21	
SUNSHINE (MINUTES)									
Total: 6108 Possible: 17599									
Percent Possible: 35									
NUMBER OF DAYS WITH:									
SKY CONDITION									
CLR PTLY CLDY CLOUDY MISSING									
28									
MINIMUM VISIBILITY (MILES)									
<=0.25 <=3.0 >=7.0									
2 13 9									

OBSERVATIONS AT 3-HOURLY INTERVALS

GREEN BAY, WI

FEBRUARY 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 <i>Okta</i>		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 <i>Okta</i>		VISIBILITY (MILES)	DRY BULB	DEW POINT	WET BULB		SPEED (MPH)	DIRECTION TENS OF DEG	STATION	SEA LEVEL
SUNRISE: 0711 FEB 01						SUNSET: 1702						SUNRISE: 0704 FEB 07						SUNSET: 1710											
03	OVC	009			1.25	-SN BR	21	19	20	92	18	36	28.99	29.77	03	CLR	NC			6.00	HZ	28	23	26	81	3	20	29.03	29.80
06	OVC	023			2.00	-SN BR	22	19	21	89	13	34	29.05	29.83	06	CLR	NC			6.00	BR	26	23	25	88	7	24	29.07	29.84
09	SCT	NC			10.00		25	20	23	81	16	32	29.20	29.98	09	CLR	NC			10.00		32	26	30	79	12	26	29.16	29.93
12	CLR	NC			10.00		30	19	26	64	17	31	29.32	30.11	12	CLR	NC			10.00		37	25	32	62	13	27	29.19	29.96
15	CLR	NC			10.00		30	17	26	59	14	29	29.39	30.18	15	CLR	NC			10.00		41	24	34	51	8	24	29.17	29.94
18	FEW	NC			10.00		26	15	23	63	13	26	29.49	30.28	18	CLR	NC			10.00		37	25	32	62	5	23	29.19	29.97
21	CLR	NC			10.00		19	9	16	65	10	28	29.55	30.34	21	CLR	NC			9.00		33	27	31	78	6	18	29.15	29.92
24	CLR	NC			10.00		11	6	10	81	8	29	29.60	30.40	24	CLR	NC			8.00		32	26	30	79	12	22	29.10	29.87
SUNRISE: 0710 FEB 02						SUNSET: 1703						SUNRISE: 0702 FEB 08						SUNSET: 1711											
03	CLR	NC			6.00	BR	2	-1	1	88	6	19	29.60	30.40	03	CLR	NC			9.00		32	25	29	75	9	24	29.08	29.85
06	CLR	NC			4.00	BR	1	-2	1	87	0	00	29.59	30.40	06	CLR	NC			6.00	HZ	29	23	27	78	9	25	29.12	29.90
09	OVC	080			5.00	BR	12	10	12	92	5	18	29.57	30.37	09	CLR	NC			5.00	HZ	31	25	29	79	7	27	29.20	29.97
12	CLR	NC			9.00		24	17	22	75	10	20	29.46	30.26	12	CLR	NC			7.00		39	28	35	65	0	00	29.24	30.02
15	SCT	NC			8.00		29	20	26	69	15	20	29.34	30.14	15	CLR	NC			6.00	HZ	40	30	36	68	8	06	29.27	30.04
18	BKN	060			8.00		29	22	27	75	16	19	29.24	30.03	18	CLR	NC			8.00		32	28	31	85	6	09	29.33	30.11
21	BKN	055			7.00		29	24	27	82	17	22	29.17	29.96	21	CLR	NC			7.00		33	31	32	92	8	08	29.36	30.14
24	OVC	023			7.00		31	25	29	79	23	26	29.17	29.95	24	BKN	010			4.00	BR	30	28	29	92	0	00	29.37	30.15
SUNRISE: 0709 FEB 03						SUNSET: 1704						SUNRISE: 0701 FEB 09						SUNSET: 1713											
03	OVC	027			8.00		29	23	27	78	15	28	29.20	29.98	03	SCT	NC			4.00	BR	29	28	29	96	8	06	29.34	30.13
06	CLR	NC			8.00		23	18	21	81	10	28	29.23	30.01	06	OVC	022			2.00	BR	32	31	32	96	8	08	29.34	30.12
09	CLR	NC			7.00		22	18	21	85	10	25	29.22	30.01	09	OVC	011			2.00	BR	36	32	34	86	15	11	29.35	30.13
12	OVC	014			7.00		26	21	24	81	16	29	29.20	29.98	12	OVC	013			2.50	HZ	38	31	35	76	10	11	29.33	30.12
15	CLR	NC			10.00		26	15	23	63	15	29	29.20	29.97	15	OVC	013			3.00	HZ	39	31	36	73	10	08	29.31	30.09
18	CLR	NC			10.00		19	4	15	52	15	32	29.31	30.09	18	CLR	NC			4.00	BR	34	30	32	85	13	05	29.33	30.11
21	CLR	NC			10.00		15	5	13	64	17	31	29.36	30.16	21	OVC	007			7.00		33	31	32	92	21	04	29.34	30.12
24	CLR	NC			10.00		13	6	11	74	16	32	29.44	30.24	24	OVC	005			4.00	BR	32	31	32	96	23	04	29.32	30.09
SUNRISE: 0707 FEB 04						SUNSET: 1706						SUNRISE: 0660 FEB 10						SUNSET: 1714											
03	CLR	NC			10.00		11	1	9	64	12	34	29.53	30.33	03	OVC	005			3.00	BR	32	31	32	96	20	04	29.23	30.01
06	CLR	NC			10.00		6	-1	5	73	12	32	29.61	30.42	06	OVC	007			1.00	-SN BR	31	30	31	96	17	02	29.26	30.04
09	CLR	NC			10.00		10	1	8	67	10	32	29.70	30.50	09	OVC	010			0.75	-SN BR	32	31	32	96	14	36	29.33	30.11
12	CLR	NC			10.00		15	4	13	61	10	30	29.71	30.51	12	CLR	NC			10.00		32	22	28	66	18	36	29.38	30.16
15	CLR	NC			10.00		19	4	15	52	7	23	29.67	30.48	15	CLR	NC			10.00		32	17	27	54	24	36	29.43	30.21
18	CLR	NC			10.00		14	4	12	64	9	20	29.65	30.46	18	CLR	NC			10.00		27	14	23	58	12	01	29.52	30.31
21	CLR	NC			10.00		13	4	11	67	8	22	29.61	30.42	21	CLR	NC			10.00		22	11	19	63	15	01	29.60	30.40
24	OVC	120			10.00		15	6	13	67	10	23	29.55	30.36	24	CLR	NC			10.00		16	9	14	74	6	33	29.62	30.42
SUNRISE: 0706 FEB 05						SUNSET: 1707						SUNRISE: 0658 FEB 11						SUNSET: 1716											
03	CLR	NC			10.00		14	4	12	64	15	24	29.50	30.30	03	CLR	NC			10.00		13	8	12	81	6	29	29.60	30.39
06	CLR	NC			10.00		12	3	10	67	12	24	29.48	30.29	06	CLR	NC			10.00		9	7	9	92	5	18	29.55	30.35
09	CLR	NC			10.00		14	5	12	67	7	27	29.52	30.32	09	BKN	100			10.00		17	10	15	74	13	19	29.45	30.25
12	CLR	NC			9.00		21	12	19	68	9	27	29.48	30.28	12	CLR	NC			10.00		25	15	22	66	13	19	29.33	30.13
15	CLR	NC			9.00		25	15	22	66	6	28	29.46	30.26	15	CLR	NC			10.00		30	18	26	61	20	20	29.09	29.88
18	CLR	NC			8.00		22	14	20	71	5	21	29.45	30.25	18	CLR	NC			10.00		31	21	27	67	22	20	28.94	29.72
21	CLR	NC			6.00	BR	15	11	14	84	5	23	29.40	30.20	21	CLR	NC			10.00		32	23	29	69	22	21	28.82	29.58
24	CLR	NC			4.00	BR	11	9	10	92	3	22	29.38	30.18	24	OVC	050			10.00		35	25	31	67	17	24	28.74	29.51
SUNRISE: 0705 FEB 06						SUNSET: 1709						SUNRISE: 0657 FEB 12						SUNSET: 1717											
03	CLR	NC			4.00	BR	10	8	10	92	7	20	29.34	30.14	03	BKN	038			10.00		37	25	32	62	30	28	28.79	29.55
06	CLR	NC			3.00	BR	11	9	10	92	8	21	29.32	30.11	06	FEW	NC			10.00		31	20	27	64	17	28	28.89	29.66
09	CLR	NC			1.75	BR	17	14	16	88	10	22	29.28	30.07	09	CLR	NC			10.00		30	18	26	61	16	28	28.98	29.75
12	CLR	NC			3.00	HZ	28	21	26	75	13	21	29.24	30.03	12	OVC	030			7.00	-SN	33	22	29	64	23	28	29.01	29.78
15	CLR	NC			3.00	HZ	34	28	32	79	10	19	29.16	29.94	15	FEW	NC			10.00		33	20	29	59	21	32	29.10	29.87
18	CLR	NC			5.00	HZ	35	28</																					

OBSERVATIONS AT 3-HOURLY INTERVALS

GREEN BAY, WI

FEBRUARY 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: 0655				FEB 13				SUNSET: 1718				SUNRISE: 0646				FEB 19				SUNSET: 1727											
03	CLR	NC			10.00	11	5	10	77	6	27	29.49	30.29	03	OVC	028			3.00	-RA	37	32	35	82	7	16	29.14	29.91			
06	CLR	NC			10.00	10	4	9	76	6	25	29.51	30.32	06	OVC	012			2.00	HZ	37	32	35	82	5	15	29.10	29.87			
09	CLR	NC			10.00	18	7	15	62	8	22	29.52	30.32	09	OVC	008			1.75	HZ	38	32	35	79	6	12	29.07	29.84			
12	OVC	100			10.00	27	12	23	53	14	22	29.47	30.26	12	OVC	008			1.25	HZ	39	32	36	76	7	13	29.06	29.83			
15	CLR	NC			10.00	32	19	28	59	14	21	29.37	30.16	15	OVC	002			0.75	-RA	39	31	36	73	6	07	29.00	29.77			
18	CLR	NC			10.00	31	21	28	67	16	20	29.32	30.11	18	OVC	002			2.50	HZ	38	31	35	76	7	08	28.97	29.74			
21	CLR	NC			10.00	30	22	27	72	14	21	29.30	30.09	21	OVC	004			1.00	-RA BR	38	38	38	99	7	04	28.94	29.70			
24	CLR	NC			10.00	29	23	27	78	12	21	29.27	30.05	24	OVC	001			0.25	FG	37	37	37	99	7	04	28.86	29.62			
SUNRISE: 0654				FEB 14				SUNSET: 1720				SUNRISE: 0645				FEB 20				SUNSET: 1728											
03	CLR	NC			10.00	27	22	25	81	10	20	29.25	30.03	03	VV	001			0.25	FG	37	37	37	100	7	05	28.81	29.56			
06	CLR	NC			10.00	28	21	26	75	12	20	29.20	29.97	06	OVC	001			0.75	BR	37	37	37	100	13	04	28.75	29.51			
09	CLR	NC			10.00	33	23	29	67	16	21	29.18	29.96	09	OVC	001			1.00	BR	36	36	36	100	16	04	28.71	29.47			
12	CLR	NC			10.00	38	25	33	60	15	21	29.11	29.88	12	OVC	003			2.00	-RA BR	34	34	34	100	23	04	28.67	29.43			
15	CLR	NC			10.00	43	27	37	53	23	20	28.99	29.76	15	OVC	005			2.50	RA BR	34	34	34	97	29	04	28.63	29.39			
18	CLR	NC			10.00	40	28	35	63	17	20	28.99	29.76	18	OVC	011			5.00	-SN BR	33	31	32	92	22	02	28.71	29.47			
21	CLR	NC			10.00	38	28	34	68	16	20	29.00	29.77	21	OVC	006			0.75	-SN BR	31	29	30	92	17	01	28.81	29.57			
24	SCT	NC			10.00	38	28	34	68	14	21	28.95	29.72	24	OVC	015			5.00	-SN BR	28	25	27	88	20	01	28.88	29.65			
SUNRISE: 0652				FEB 15				SUNSET: 1721				SUNRISE: 0643				FEB 21				SUNSET: 1729											
03	SCT	NC			10.00	36	29	33	76	6	21	28.90	29.67	03	OVC	017			7.00		28	25	27	88	14	36	28.96	29.73			
06	FEW	NC			10.00	34	29	32	82	6	26	28.89	29.66	06	OVC	016			10.00		28	24	27	85	18	36	29.05	29.82			
09	SCT	NC			10.00	36	29	33	76	10	32	28.96	29.73	09	OVC	020			8.00		27	22	25	81	20	36	29.16	29.93			
12	OVC	030			10.00	38	30	35	73	13	32	29.03	29.80	12	OVC	031			10.00		30	22	27	72	20	01	29.24	30.01			
15	OVC	034			10.00	39	27	34	62	16	28	29.04	29.81	15	OVC	037			10.00		33	18	28	54	21	01	29.29	30.07			
18	CLR	NC			10.00	36	25	32	64	6	23	29.05	29.82	18	CLR	NC			10.00		29	14	24	54	13	01	29.39	30.18			
21	OVC	060			10.00	35	27	32	72	6	22	29.03	29.80	21	CLR	NC			10.00		25	14	22	63	15	36	29.45	30.24			
24	OVC	036			7.00	34	31	33	89	6	24	28.99	29.76	24	CLR	NC			10.00		21	13	19	71	8	34	29.47	30.26			
SUNRISE: 0651				FEB 16				SUNSET: 1723				SUNRISE: 0642				FEB 22				SUNSET: 1731											
03	OVC	002			1.00	-SN BR	32	32	32	100	0	00	28.93	29.70	03	CLR	NC			10.00	16	11	15	80	9	31	29.46	30.25			
06	OVC	010			1.00	-SN BR	32	32	32	100	3	27	28.93	29.70	06	CLR	NC			10.00	17	11	15	77	10	31	29.49	30.28			
09	BKN	070			7.00		33	31	32	92	10	32	28.99	29.77	09	CLR	NC			10.00	24	15	21	68	9	01	29.49	30.29			
12	SCT	NC			10.00	35	28	32	76	13	31	29.06	29.83	12	CLR	NC			10.00	28	17	25	63	3	28	29.48	30.27				
15	FEW	NC			10.00	36	22	31	57	14	31	29.10	29.87	15	CLR	NC			10.00	32	18	27	56	3	VR	29.43	30.22				
18	BKN	060			10.00	33	21	29	61	13	31	29.18	29.95	18	CLR	NC			10.00	26	18	23	71	5	17	29.42	30.22				
21	OVC	090			10.00	31	23	28	72	13	31	29.23	30.01	21	CLR	NC			10.00	21	17	20	85	5	18	29.38	30.18				
24	OVC	042			9.00	-SN	30	20	27	66	12	33	29.29	30.07	24	FEW	NC			8.00	20	18	19	92	3	15	29.36	30.16			
SUNRISE: 0649				FEB 17				SUNSET: 1724				SUNRISE: 0640				FEB 23				SUNSET: 1732											
03	OVC	035			10.00	27	18	24	69	12	01	29.35	30.14	03	OVC	095			10.00	25	20	23	81	7	19	29.32	30.11				
06	OVC	028			10.00	23	16	21	74	7	03	29.43	30.22	06	OVC	120			10.00	29	21	26	72	9	18	29.27	30.04				
09	CLR	NC			10.00	24	14	21	65	6	03	29.50	30.29	09	OVC	036			10.00	32	25	29	75	13	17	29.22	30.01				
12	CLR	NC			10.00	27	13	23	55	0	00	29.52	30.31	12	FEW	NC			10.00	37	27	33	67	13	18	29.15	29.93				
15	CLR	NC			10.00	30	16	26	56	3	19	29.48	30.27	15	CLR	NC			10.00	39	27	34	62	13	19	29.09	29.86				
18	CLR	NC			10.00	28	18	25	66	6	19	29.46	30.25	18	BKN	120			10.00	37	29	34	73	9	18	29.09	29.86				
21	CLR	NC			10.00	26	21	24	81	12	17	29.41	30.20	21	FEW	NC			10.00	35	31	33	85	7	18	29.10	29.87				
24	CLR	NC			10.00	27	22	25	81	12	19	29.38	30.17	24	CLR	NC			8.00	36	32	34	86	0	00	29.11	29.88				
SUNRISE: 0648				FEB 18				SUNSET: 1725				SUNRISE: 0638				FEB 24				SUNSET: 1734											
03	CLR	NC			10.00	27	22	25	81	10	18	29.34	30.13	03	FEW	NC			6.00	BR	34	32	33	92	3	21	29.14	29.91			
06	CLR	NC			10.00	27	22	25	81	9	18	29.30	30.08	06	CLR	NC			5.00	BR	34	32	33	92	0	00	29.17	29.94			
09	FEW	NC			10.00	34	25	31	70	13	18	29.27	30.04	09	FEW	NC			5.00	BR	38	34	36	86	6	07	29.16	29.93			
12	CLR	NC			10.00	41	29	36	62	15	20	29.20	29.98	12	CLR	NC			4.00	HZ	39	33	37	79	12	05	29.13	29.90			
15	CLR	NC			10.00	45	30	39	56	15	20	29.18	29.95	15	CLR	NC			5.00	HZ	39	32	36	76	12	05	29.04	29.80			
18	BKN	085			10.00	41	31	37	67																						

OBSERVATIONS AT 3-HOURLY INTERVALS

GREEN BAY, WI

FEBRUARY 2002

GRB

WBAN # 14898

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 Okta		DRY BULB	DEW POINT	WET BULB		SPEED (MPH)	DIRECTION TENS OF DEG	STATION	SEA LEVEL
					SUNRISE: 0637	FEB 25			SUNSET: 1735				
03	OVC	015				33	30	32	89	17	01	29.07	29.84
06	OVC	020				32	26	30	79	18	01	29.14	29.91
09	OVC	023				31	24	28	76	18	36	29.22	29.99
12	OVC	026				31	23	28	72	12	34	29.27	30.04
15	BKN	037				33	22	29	64	10	36	29.26	30.03
18	OVC	043				31	21	28	67	9	02	29.28	30.06
21	OVC	041				26	17	23	69	17	01	29.29	30.07
24	OVC	040			9.00 -SN	23	17	21	78	12	34	29.25	30.03
					SUNRISE: 0635	FEB 26			SUNSET: 1736				
03	OVC	040			7.00 -SN	22	17	20	82	15	34	29.17	29.95
06	OVC	041			5.00 -SN	22	17	20	82	12	33	29.15	29.93
09	OVC	037			9.00	24	16	22	71	15	34	29.10	29.88
12	OVC	032			8.00 -SN	26	15	23	63	14	35	29.06	29.84
15	OVC	028			2.50 -SN	25	18	23	75	15	32	29.05	29.83
18	OVC	015			2.00 -SN	22	18	21	85	14	36	29.08	29.87
21	OVC	046			4.00 -SN	19	14	18	81	15	33	29.08	29.87
24	OVC	046			9.00 -SN	19	11	17	71	17	33	29.07	29.85
					SUNRISE: 0633	FEB 27			SUNSET: 1738				
03	OVC	060			6.00 -SN	18	13	17	81	14	31	29.08	29.87
06	SCT	NC			10.00	17	8	15	68	15	32	29.12	29.91
09	FEW	NC			10.00	20	9	17	62	13	34	29.19	29.97
12	CLR	NC			10.00	25	11	21	55	14	34	29.22	30.00
15	CLR	NC			10.00	30	7	23	38	12	32	29.20	29.98
18	CLR	NC			10.00	29	10	23	45	8	25	29.22	30.00
21	CLR	NC			10.00	23	12	20	63	14	27	29.23	30.01
24	CLR	NC			10.00	20	9	17	62	9	25	29.23	30.01
					SUNRISE: 0632	FEB 28			SUNSET: 1739				
03	CLR	NC			10.00	17	9	15	70	7	21	29.18	29.96
06	CLR	NC			10.00	19	12	17	74	10	21	29.13	29.92
09	BKN	060			10.00	23	12	20	63	12	22	29.11	29.89
12	OVC	020			2.00 -SN BR	26	22	25	84	13	22	29.08	29.87
15	OVC	037			10.00 -SN	28	18	25	66	18	27	29.10	29.88
18	OVC	044			10.00	27	14	23	58	15	29	29.18	29.96
21	CLR	NC			10.00	24	11	20	57	13	28	29.26	30.04
24	CLR	NC			10.00	20	11	17	68	10	29	29.32	30.11
					SUNRISE:	FEB 29			SUNSET:				
					SUNRISE:	FEB 30			SUNSET:				

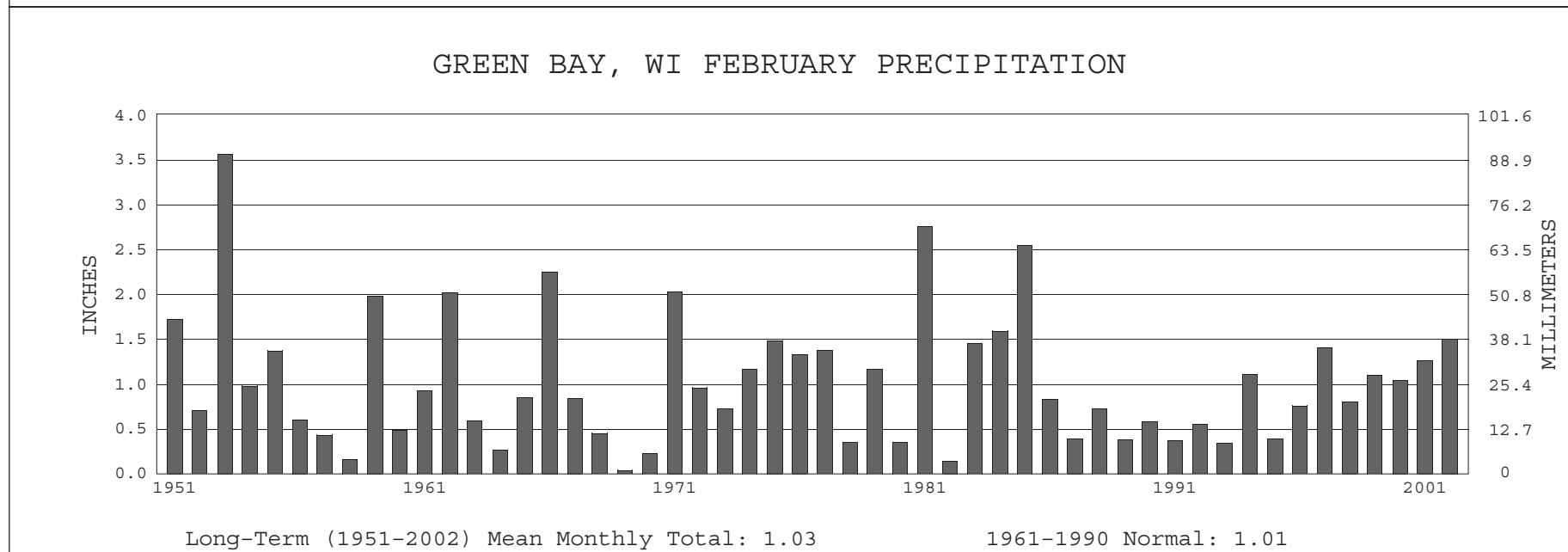
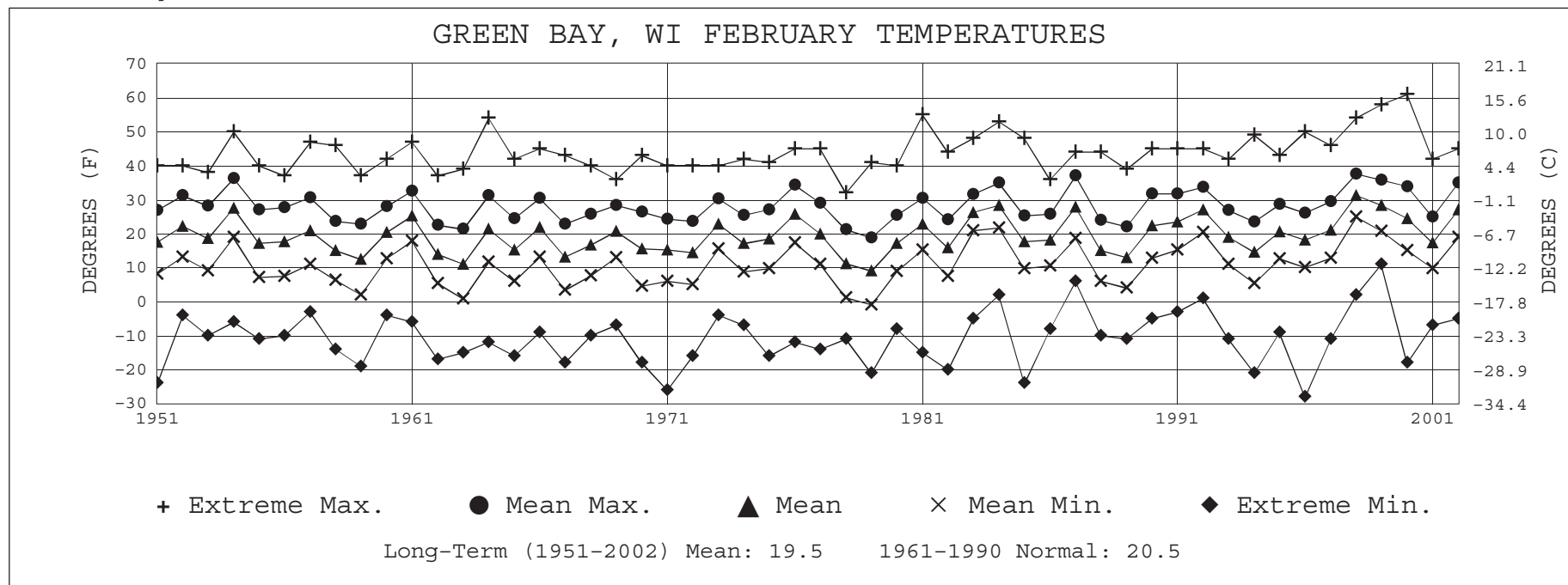
HOUR (LST)			SATELLITE		WEATHER	TEMPERATURE °F			RELATIVE HUMIDITY (PCT)	WIND		PRESSURE (INCHES, HG)	
	SKY COVER	CEILING 100'S OF FT	OBSERVATION TIME (LST)	EFF CLD AMT Okta		DRY BULB	DEW POINT	WET BULB		SPEED (MPH)	DIRECTION TENS OF DEG	STATION	SEA LEVEL
					SUNRISE:	FEB 31			SUNSET:				

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 WIND (MPH)	
	CEILOMETER	EFF CLD AMT	DRY BULB	DEW POINT	WET BULB	RELATIVE HUMIDITY	PRESSURE (INCHES, HG)		VISIBILITY (MILES)	WIND SPEED (MPH)	SPEED	DIRECTION
							STATION	SEA LEVEL				
01			26	20	24	81	29.21	30.00	7.40	11	4	31
02			25	20	24	81	29.22	30.00	7.29	11	4	31
03			24	20	23	82	29.21	29.99	7.20	10	4	30
04			24	19	23	82	29.21	29.99	7.03	10	3	31
05			24	19	22	82	29.21	29.99	7.22	10	4	32
06			24	19	22	82	29.22	30.00	6.99	10	4	30
07			23	18	22	82	29.23	30.01	7.09	10	4	31
08			24	19	23	81	29.24	30.02	7.01	11	3	30
09			27	20	25	77	29.24	30.02	7.62	12	3	30
10			28	21	26	73	29.25	30.03	7.69	13	5	30
11			30	21	27	70	29.25	30.03	8.04	13	4	30
12			31	22	28	69	29.24	30.02	7.92	13	4	29
13			32	22	29	66	29.22	30.00	8.23	14	5	29
14			33	22	29	65	29.21	29.99	8.04	15	5	29
15			33	22	29	63	29.21	29.99	8.21	13	4	29
16			33	21	29	63	29.21	29.99	8.27	14	3	29
17			32	21	28	65	29.22	30.00	8.17	13	2	29
18			30	20	27	68	29.23	30.01	8.48	11	2	27
19			29	21	26	72	29.23	30.02	8.32	12	3	27
20			28	21	26	74	29.24	30.02	8.31	12	2	28
21			28	20	25	75	29.23	30.02	8.35	12	3	29
22			27	20	25	76	29.23	30.02	8.26	11	3	28
23			26	20	24	78	29.23	30.01	7.72	11	4	28
24			26	20	24	79	29.23	30.01	7.69	11	5	29





FEBRUARY 2002

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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