



FEBRUARY 2002

LOCAL CLIMATOLOGICAL DATA

NOAA, National Climatic Data Center

MILWAUKEE, WI

GENERAL MITCHELL FIELD (MKE)

Lat: 42° 56' N Long: 87° 53' W Elev (Ground): 677 Feet

Time Zone: CENTRAL WBAN: 14839 ISSN #:0198-5752

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	22	27	5	21	26	38	0	RA SN PL BR	3		0.8	0.08	29.32	30.09	10.7	30	12.0	28	31	22	31	01		
02	32	13	23	1	17	23	42	0	BR	2		0.0	0.00	29.50	30.29	10.7	23	11.7	31	24	23	24	02		
03	37	17	27	5	19	26	38	0	SN BR	2		T	T	29.29	30.06	11.1	28	12.9	32	34	25	33	03		
04	23	12*	18*	-5	4	14	47	0		2		0.0	0.00	29.65	30.44	9.3	31	11.5	30	34	23	32	04		
05	32	13	23	0	12	19	42	0	HZ	2		0.0	0.00	29.53	30.32	10.6	26	11.3	26	25	21	25	05		
06	41	20	31	8	22	27	34	0	BR HZ	2		0.0	0.00	29.31	30.08	12.0	24	12.3	26	22	22	23	06		
07	47	28	38	15	25	32	27	0	BR HZ	2		0.0	0.00	29.20	29.97	10.1	27	11.5	26	29	22	30	07		
08	50	29	40	16	28	33	25	0	BR HZ	0		0.0	0.00	29.27	30.03	4.5	24	7.4	22	22	17	22	08		
09	44	30	37	13	35	37	28	0	BR	0		0.0	0.00	29.29	30.05	8.9	13	9.6	22	13	20	13	09		
10	40	23	32	8	26	30	33	0	RA SN BR	0		0.5	0.41	29.35	30.11	14.6	01	15.0	38	01	31*	01	10		
11	38	18	28	4	17	25	37	0		0		0.0	0.00	29.33	30.11	11.8	22	14.7	38	24	30	23	11		
12	41	20	31	6	19	29	34	0	SN	0		T	T	29.15	29.91	15.6	29	17.9	40*	28	30	28	12		
13	35	17	26	1	12	22	39	0		0		0.0	0.00	29.51	30.29	10.9	23	12.3	24	23	21	22	13		
14	45	30	38	13	22	32	27	0		0		0.0	0.00	29.24	30.00	19.7	22	19.8	38	20	30	22	14		
15	41	34	38	13	27	33	27	0		0		0.0	0.00	29.06	29.82	10.7	26	12.8	30	19	22	31	15		
16	41	31	36	10	25	32	29	0	RA DZ SN	0		T	T	29.10	29.86	11.4	31	13.2	31	34	24	31	16		
17	33	25	29	3	20	26	36	0		0		0.0	0.00	29.46	30.23	1.4	02	8.3	22	32	17	34	17		
18	51	27	39	13	24	33	26	0	RA	0		0.0	T	29.32	30.08	12.8	19	13.0	31	23	25	20	18		
19	45	37	41	14	38	40	24	0	RA DZ FG BR	0		0.0	0.52	29.05	29.80	7.4	16	7.9	22	17	16	20	19		
20	53	32	43	16	40	41	22	0	RA DZ SN FG+ BR	0		0.4	0.26	28.70	29.44	5.2	27	8.5	24	28	20	21	20		
21	32	25	29	2	22	27	36	0	SN	0		0.6	0.06	29.20	29.96	13.2	34	13.6	30	01	23	01	21		
22	35	20	28	1	17	24	37	0		0		0.0	0.00	29.46	30.23	2.9	35	6.5	21	35	17	36	22		
23	43	25	34	6	26	32	31	0		0		0.0	0.00	29.26	30.02	10.3	19	10.4	25	20	20	20	23		
24	55*	38	47*	19	33	40	18	0		0		0.0	0.00	29.09	29.85	10.8	20	11.9	26	20	21	20	24		
25	49	29	39	11	28	33	26	0	SN BR	0		0.4	0.04	29.18	29.93	10.0	34	12.7	25	02	21	02	25		
26	29	20	25	-4	18	22	40	0	SN BR	T		1.4	0.09	29.10	29.87	13.4	32	13.8	26	33	20	33	26		
27	28	18	23	-6	11	19	42	0	SN	1		0.1	T	29.22	29.99	11.4	30	12.7	26	32	22	32	27		
28	30	16	23	-6	13	21	42	0	SN	T		T	T	29.24	30.01	10.5	25	11.5	29	21	22	23	28		
< MONTHLY AVERAGES										TOTALS-->			4.2	1.46	29.26	30.03	6.1	26	12.0	<-- MONTHLY AVERAGES					
6.9										<-----DEPARTURE FROM NORMAL----->		-1.9		SUNSHINE, CLOUD, & VISIBILITY TABLES ON PAGE 3											
DEGREE DAYS								GREATEST 24-HR PRECIPITATION: 0.52 DATE :19					SEA LEVEL PRESSURE					DATE TIME							
MONTHLY								GREATEST 24-HR SNOWFALL: 1.4 DATE :26					MAXIMUM					: 30.52 04 1752							
TOTAL DEPARTURE								GREATEST SNOW DEPTH: 3 DATE : 01					MINIMUM					: 29.28 20 1352							
HEATING: 927 -249								NUMBER OF DAYS WITH →					MAXIMUM TEMP ≥ 90: 0					PRECIPITATION ≥ 0.01 INCH : 7							
COOLING: 0 0								MAXIMUM TEMP ≤ 32 : 8					MINIMUM TEMP ≤ 32 : 25					PRECIPITATION ≥ 0.10 INCH : 3							
								THUNDERSTORMS : 0					MINIMUM TEMP ≤ 0 : 0					SNOWFALL ≥ 1.0 INCH : 1							

FEBRUARY 2002
MILWAUKEE, WI

HOURLY PRECIPITATION

(WATER EQUIVALENT IN INCHES)

MILWAUKEE, WI

FEBRUARY 2002

MKE

WBAN # 14839

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	0.02	0.01	T	0.01	T	T	T	T					01												01	0.04	0.08	
02													02												02		0.00	
03													03					T							03		T	
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	T	0.09	0.14	0.07	0.01	T	0.03	0.02	T	0.01	T	T	10	T											10	0.37	0.41	
11													11												11		0.00	
12													12		T	T	T								12		T	
13													13												13		0.00	
14													14												14		0.00	
15													15												15		0.00	
16		T					T		T	T	T		16											T	16		T	
17													17												17		0.00	
18													18				T								18		T	
19	T	0.01	0.12	0.05	0.04	0.05	0.03	T	0.01		T	T	19	T	T	T	0.02	0.07	0.01	T	0.01	0.01	0.01	T	19	0.44	0.52	
20	T	T	0.01	0.01	T	0.01	0.01	0.01	0.04	0.01	0.04	T	20	0.03	T									T	20	0.21	0.26	
21	T		T	T	T	T	0.01	T	T	T	T	T	21	T		T	T	T							21	0.01	0.06	
22													22												22		0.00	
23													23												23		0.00	
24													24												24		0.00	
25									T	T	T		25										T	T	25	T	0.04	
26	T	T	T	T	T	T	T				T	T	26	T	T	T	T	T	T	T	T	T	T	T	26	T	0.09	
27													27												27		T	
28													28	T	T	T	T	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	.10	.14	.18	.21	.23	.25	.28	.30
Ending Date	20	10	19	10	10	10	10	10	10	10	10	10
Ending Time (Hour/Min)	1228	0227	0241	0235	0235	0235	0235	0242	0310	0327	0359	0359

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

**MILWAUKEE, WI
FEBRUARY 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).

A Heating (Cooling) Degree Day is the difference between the average daily temperature and 65 degrees F. The HDD season begins July 1, the CDD season begins January 1.

Dew Point is the temperature to which the air must be cooled to achieve 100% relative humidity. Wet Bulb is the temperature the air would have if cooled to saturation at constant pressure by evaporation of water into it.

Snow Depth, Snowfall, and Sunshine data may come from nearby sites that the National Weather Service deems Climatologically representative of this site.

DATE	SUNSHINE		CLOUDINESS (OKTAS)				VISIBILITY (MILES)		RESERVED
	TOTAL MINUTES	PERCENT POSSIBLE	SR-SS		MN-MN		MINIMUM	MAXIMUM	
			CEILOMETER	SATELLITE	CEILOMETER	SATELLITE			
01							1.50	10.00	
02							5.00	10.00	
03							6.00	10.00	
04							10.00	10.00	
05							5.00	10.00	
06							4.00	10.00	
07							4.00	10.00	
08							1.50	10.00	
09							1.00	10.00	
10							1.25	10.00	
11							10.00	10.00	
12							6.00	10.00	
13							10.00	10.00	
14							10.00	10.00	
15							8.00	10.00	
16							4.00	10.00	
17							10.00	10.00	
18							10.00	10.00	
19							.50	10.00	
20							.13	10.00	
21							2.00	10.00	
22							10.00	10.00	
23							10.00	10.00	
24							10.00	10.00	
25							.75	10.00	
26							1.00	10.00	
27							5.00	10.00	
28							9.00	10.00	
MONTHLY AVGS							5.88	10.00	
<p align="center">SUNSHINE (MINUTES)</p> <p>Total: Possible:</p> <p align="center">Percent Possible:</p>									
<p align="center">NUMBER OF DAYS WITH:</p> <p align="center">SKY CONDITION</p> <p align="center">CLR PTLY CLDY CLOUDY MISSING</p> <p align="center">28</p> <p align="center">MINIMUM VISIBILITY (MILES)</p> <p align="center"><=0.25 <=3.0 >=7.0</p> <p align="center">1 8 12</p>									

MILWAUKEE, WI

FEBRUARY 2002

MKE

WBAN # 14839

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 Off 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 Off 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: 0706				Feb 01		Sunset: 1704								Sunrise: 0660				Feb 07		Sunset: 1712									
03	OVC	006		1.50	-SN	32	31	32	96	8	32	28.90	29.66	03	CLR	NC		5.00	HZ	29	24	27	82	12	24	29.13	29.90		
06	OVC	012		3.00	-SN	24	20	23	84	21	32	29.03	29.80	06	CLR	NC		4.00	BR	29	25	28	85	10	27	29.16	29.92		
09	BKN	018		10.00		25	20	23	81	16	30	29.23	30.00	09	CLR	NC		6.00	HZ	34	27	31	76	17	29	29.19	29.95		
12	SCT	NC		10.00		30	22	27	72	13	30	29.38	30.15	12	FEW	NC		10.00		42	23	35	47	14	31	29.22	29.98		
15	SCT	NC		10.00		32	19	28	59	13	29	29.46	30.24	15	FEW	NC		10.00		47	22	37	37	8	29	29.22	29.98		
18	CLR	NC		10.00		29	20	26	69	8	26	29.56	30.34	18	FEW	NC		10.00		39	26	34	60	5	23	29.26	30.03		
21	CLR	NC		10.00		25	18	23	75	12	25	29.60	30.38	21	CLR	NC		10.00		33	27	31	78	8	22	29.24	30.00		
24	CLR	NC		10.00		22	15	20	75	8	28	29.63	30.42	24	CLR	NC		6.00	HZ	31	25	29	79	15	22	29.21	29.97		
Sunrise: 0705				Feb 02		Sunset: 1706								Sunrise: 0658				Feb 08		Sunset: 1714									
03	CLR	NC		10.00		20	14	18	78	5	28	29.64	30.42	03	CLR	NC		6.00	HZ	32	25	29	75	12	26	29.18	29.93		
06	CLR	NC		8.00		15	11	14	84	5	22	29.64	30.43	06	CLR	NC		6.00	HZ	30	25	28	82	10	25	29.20	29.96		
09	FEW	NC		7.00		18	13	17	81	7	21	29.63	30.42	09	CLR	NC		6.00	HZ	33	25	30	72	10	26	29.25	30.01		
12	BKN	240		10.00		27	18	24	69	14	23	29.56	30.35	12	CLR	NC		10.00		45	28	38	52	9	25	29.27	30.03		
15	BKN	230		10.00		30	17	26	59	14	21	29.46	30.24	15	CLR	NC		8.00		44	31	39	60	8	12	29.27	30.03		
18	SCT	NC		10.00		30	21	27	69	18	21	29.39	30.17	18	FEW	NC		6.00	HZ	37	31	35	79	8	15	29.31	30.08		
21	FEW	NC		10.00		32	24	29	73	21	22	29.31	30.08	21	FEW	NC		4.00	BR	33	31	32	92	5	06	29.35	30.12		
24	BKN	030		10.00		32	25	29	75	13	25	29.28	30.05	24	BKN	250		1.50	BR	32	31	32	96	3	13	29.35	30.12		
Sunrise: 0704				Feb 03		Sunset: 1707								Sunrise: 0657				Feb 09		Sunset: 1715									
03	OVC	027		9.00		32	24	29	73	9	26	29.28	30.04	03	FEW	NC		1.25	BR	33	32	33	96	7	14	29.33	30.10		
06	CLR	NC		8.00		27	22	25	81	12	27	29.30	30.07	06	BKN	180		3.00	BR	35	34	35	96	9	14	29.30	30.07		
09	FEW	NC		7.00		27	21	25	78	9	28	29.29	30.06	09	OVC	120		5.00	BR	37	34	36	89	8	16	29.33	30.10		
12	BKN	220		10.00		35	21	30	57	13	27	29.25	30.02	12	BKN	160		8.00		43	36	40	76	10	13	29.31	30.08		
15	OVC	180		10.00		34	23	30	64	16	24	29.20	29.96	15	BKN	200		9.00		43	37	40	80	13	14	29.27	30.03		
18	BKN	030		10.00		28	16	24	61	22	32	29.29	30.06	18	BKN	180		8.00		41	35	38	79	15	12	29.26	30.02		
21	CLR	NC		10.00		23	9	19	55	12	32	29.35	30.14	21	SCT	NC		6.00	BR	39	35	37	86	8	07	29.26	30.01		
24	CLR	NC		10.00		17	5	14	59	22	32	29.42	30.20	24	OVC	060		6.00	BR	40	36	38	86	6	06	29.21	29.96		
Sunrise: 0703				Feb 04		Sunset: 1708								Sunrise: 0656				Feb 10		Sunset: 1716									
03	CLR	NC		10.00		15	5	13	64	20	34	29.49	30.28	03	OVC	027		2.50	-RA BR	38	37	38	97	15	02	29.13	29.88		
06	CLR	NC		10.00		13	3	11	64	13	33	29.59	30.38	06	OVC	004		2.00	-RA BR	36	36	36	100	13	01	29.15	29.91		
09	FEW	NC		10.00		14	2	11	58	16	33	29.68	30.47	09	OVC	010		3.00	-SN BR	33	31	32	92	18	35	29.25	30.01		
12	CLR	NC		10.00		19	5	16	54	10	31	29.72	30.51	12	OVC	014		1.75	-SN	33	30	32	89	20	01	29.31	30.07		
15	CLR	NC		10.00		22	2	17	42	8	30	29.71	30.50	15	BKN	029		10.00		33	22	29	64	22	36	29.38	30.16		
18	CLR	NC		10.00		20	3	16	48	7	28	29.72	30.51	18	BKN	044		10.00		31	19	27	61	15	01	29.49	30.27		
21	CLR	NC		10.00		16	4	13	59	7	24	29.70	30.49	21	CLR	NC		10.00		27	15	23	61	13	36	29.58	30.36		
24	FEW	NC		10.00		13	5	11	70	12	22	29.66	30.45	24	CLR	NC		10.00		23	12	20	63	13	35	29.62	30.40		
Sunrise: 0702				Feb 05		Sunset: 1710								Sunrise: 0654				Feb 11		Sunset: 1718									
03	SCT	NC		10.00		14	4	12	64	16	25	29.61	30.40	03	CLR	NC		10.00		19	12	17	74	7	33	29.60	30.38		
06	CLR	NC		10.00		17	5	14	59	17	25	29.57	30.36	06	CLR	NC		10.00		18	10	16	71	6	30	29.60	30.38		
09	FEW	NC		10.00		21	9	18	59	12	27	29.56	30.35	09	BKN	250		10.00		23	15	21	72	10	20	29.53	30.32		
12	FEW	NC		10.00		26	13	22	57	12	31	29.54	30.33	12	OVC	180		10.00		30	17	26	59	15	21	29.44	30.22		
15	CLR	NC		9.00		30	16	26	56	9	27	29.48	30.26	15	OVC	150		10.00		33	18	28	54	21	21	29.27	30.04		
18	CLR	NC		9.00		28	18	25	66	6	23	29.50	30.28	18	OVC	150		10.00		33	22	29	64	20	19	29.07	29.84		
21	CLR	NC		8.00		23	16	21	74	9	23	29.47	30.26	21	OVC	130		10.00		35	25	31	67	24	22	28.99	29.76		
24	CLR	NC		5.00	HZ	22	17	20	82	8	27	29.44	30.22	24	SCT	NC		10.00		38	24	33	57	24	25	28.91	29.67		
Sunrise: 0701				Feb 06		Sunset: 1711								Sunrise: 0653				Feb 12		Sunset: 1719									
03	CLR	NC		4.00	HZ	22	17	20	82	9	27	29.40	30.19	03	BKN	040		10.00		37	28	34	70	15	25	28.92	29.68		
06	CLR	NC		4.00	BR	21	17	20	85	9	25	29.38	30.16	06	BKN	045		10.00		38	25	33	60	20	28	28.97	29.73		
09	CLR	NC		6.00	HZ	24	18	22	77	10	22	29.37	30.15	09	SCT	NC		10.00		37	22	32	54	24	30	29.07	29.83		
12	CLR	NC		7.00		34	24	30	67	15	25	29.32	30.10	12	BKN	070		10.00		40	20	33	45	21	28	29.11	29.87		
15	CLR	NC		9.00		41	30	37	65	15	23	29.26	30.03	15	BKN	040		9.00	-SN	37	25	32	62	21	30	29.14	29.90		
18	FEW	NC		9.00		34	25	31	70	15	22	29.25	30.01	18	SCT	NC		10.00		33	16	27	49	18	32	29.28	30.04		
21	CLR	NC		9.00		31	22	28	69	15	23	29.20	29.96	21	CLR	NC		10.00		27	9	22	47	10	34	29.41	30.18		
24	FEW	NC		8.00		31	25	29	79	15	25	29.16	29.92	24	CLR	NC		10.00		20	6	16	55	8	34	29.50	30.28		

OBSERVATIONS AT 3-HOURLY INTERVALS

MILWAUKEE, WI

FEBRUARY 2002

MKE

WBAN # 14839

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)			
			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	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													SKY COVER	CEILING 100'S OF FT													
			SUNRISE: 0652			FEB 13	SUNSET: 1720									SUNRISE: 0643			FEB 19	SUNSET: 1728									
03	CLR	NC			10.00		19	4	15	52	6	33	29.54	30.32	03	OVC	034		7.00	-RA		37	35	36	93	6	13	29.19	29.95
06	FEW	NC			10.00		17	7	15	64	3	28	29.56	30.35	06	OVC	027		5.00	-RA BR		38	37	38	97	9	17	29.16	29.92
09	FEW	NC			10.00		22	8	18	55	10	23	29.58	30.37	09	BKN	007		5.00	BR		41	39	40	93	12	17	29.10	29.85
12	FEW	NC			10.00		30	7	23	38	17	23	29.56	30.34	12	OVC	029		8.00	-DZ		44	40	42	85	8	19	29.08	29.83
15	FEW	NC			10.00		34	13	27	42	17	21	29.49	30.27	15	OVC	009		3.00	-RA BR		41	40	41	96	7	12	29.00	29.75
18	CLR	NC			10.00		32	18	27	56	13	21	29.46	30.24	18	OVC	002		0.50	-DZ BR		39	39	39	100	7	15	28.96	29.72
21	CLR	NC			10.00		29	22	27	75	18	22	29.43	30.21	21	OVC	002		0.50	-RA BR		41	40	41	96	8	15	28.93	29.68
24	CLR	NC			10.00		30	22	27	72	18	23	29.38	30.16	24	OVC	002		0.50	-RA BR		40	40	40	100	5	15	28.86	29.61
			SUNRISE: 0650			FEB 14	SUNSET: 1722									SUNRISE: 0642			FEB 20	SUNSET: 1729									
03	CLR	NC			10.00		31	21	28	67	16	23	29.36	30.14	03	OVC	001		0.50	FG		41	41	41	100	5	12	28.79	29.53
06	CLR	NC			10.00		30	20	27	66	17	22	29.33	30.11	06	OVC	001		0.13	-RA FG		41	41	41	100	0	00	28.70	29.44
09	CLR	NC			10.00		36	21	31	55	18	22	29.31	30.09	09	OVC	003		0.50	-RA BR		42	42	42	100	0	00	28.64	29.38
12	BKN	150			10.00		43	23	35	45	18	22	29.27	30.03	12	OVC	012		3.00	BR		52	51	52	97	8	19	28.57	29.31
15	OVC	140			10.00		44	22	36	41	24	22	29.17	29.93	15	OVC	007		10.00			44	41	43	89	16	26	28.58	29.32
18	OVC	220			10.00		41	24	34	51	20	21	29.13	29.89	18	OVC	011		10.00			37	34	36	89	16	27	28.69	29.43
21	OVC	220			10.00		40	24	34	53	20	21	29.12	29.88	21	OVC	010		4.00	-RASN BR		34	33	34	97	9	28	28.77	29.52
24	OVC	065			10.00		40	25	34	55	18	21	29.07	29.83	24	OVC	033		4.00	-SN BR		32	31	32	96	14	30	28.85	29.60
			SUNRISE: 0649			FEB 15	SUNSET: 1723									SUNRISE: 0640			FEB 21	SUNSET: 1731									
03	BKN	110			10.00		39	26	34	60	16	22	28.97	29.73	03	OVC	050		4.00	-SN		31	27	29	85	10	33	28.93	29.69
06	SCT	NC			10.00		38	27	34	65	12	25	28.96	29.71	06	OVC	019		2.00	-SN		29	26	28	89	12	32	29.03	29.79
09	BKN	200			10.00		36	29	33	76	12	27	29.02	29.78	09	OVC	021		2.50	-SN		30	27	29	88	12	34	29.12	29.88
12	OVC	024			9.00		39	29	35	67	17	29	29.08	29.84	12	OVC	016		4.00	-SN		29	24	27	82	16	34	29.21	29.98
15	OVC	024			10.00		37	27	33	67	14	30	29.12	29.88	15	OVC	023		9.00	-SN		30	23	28	75	15	33	29.28	30.04
18	FEW	NC			10.00		36	25	32	64	7	23	29.15	29.91	18	OVC	042		10.00			32	19	28	59	13	34	29.35	30.12
21	SCT	NC			10.00		35	25	31	67	8	24	29.14	29.90	21	FEW	NC		10.00			29	16	25	58	13	35	29.40	30.17
24	OVC	060			10.00		38	27	34	65	13	24	29.07	29.83	24	CLR	NC		10.00			25	14	22	63	15	36	29.44	30.22
			SUNRISE: 0648			FEB 16	SUNSET: 1724									SUNRISE: 0639			FEB 22	SUNSET: 1732									
03	OVC	090			10.00		38	27	34	65	12	24	28.99	29.75	03	CLR	NC		10.00			23	14	20	68	10	33	29.45	30.23
06	OVC	080			10.00		37	26	33	65	8	26	28.94	29.70	06	CLR	NC		10.00			21	14	19	74	9	33	29.47	30.25
09	OVC	014			10.00		35	32	34	89	15	31	28.99	29.75	09	FEW	NC		10.00			25	15	22	66	7	32	29.50	30.28
12	OVC	027			10.00		37	28	34	70	18	33	29.07	29.83	12	FEW	NC		10.00			32	15	27	50	5	VR	29.48	30.25
15	SCT	NC			10.00		39	19	32	45	18	33	29.13	29.89	15	FEW	NC		10.00			34	17	28	50	7	05	29.43	30.21
18	SCT	NC			10.00		37	19	31	48	9	32	29.20	29.96	18	SCT	NC		10.00			29	20	26	69	3	11	29.44	30.22
21	FEW	NC			10.00		35	20	30	54	15	31	29.25	30.01	21	SCT	NC		10.00			29	20	26	69	5	19	29.43	30.21
24	OVC	085			10.00		31	24	28	76	8	32	29.28	30.04	24	BKN	230		10.00			27	22	25	81	3	20	29.41	30.18
			SUNRISE: 0646			FEB 17	SUNSET: 1725									SUNRISE: 0637			FEB 23	SUNSET: 1733									
03	FEW	NC			10.00		29	21	26	72	9	33	29.33	30.11	03	BKN	120		10.00			28	23	26	81	6	19	29.37	30.14
06	FEW	NC			10.00		26	18	23	71	8	33	29.41	30.19	06	SCT	NC		10.00			27	22	25	81	7	19	29.34	30.12
09	FEW	NC			10.00		30	21	27	69	10	36	29.50	30.27	09	OVC	090		10.00			33	24	30	70	13	20	29.31	30.09
12	FEW	NC			10.00		31	17	26	56	6	VR	29.53	30.30	12	OVC	075		10.00			38	25	33	60	14	19	29.26	30.02
15	FEW	NC			10.00		32	18	27	56	7	09	29.50	30.27	15	OVC	085		10.00			42	25	35	51	13	19	29.18	29.94
18	FEW	NC			10.00		28	20	25	72	8	14	29.50	30.28	18	OVC	100		10.00			42	28	36	58	6	18	29.15	29.91
21	CLR	NC			10.00		27	21	25	78	9	16	29.46	30.24	21	BKN	110		10.00			42	31	37	65	8	19	29.19	29.94
24	CLR	NC			10.00		27	23	26	85	8	19	29.45	30.23	24	CLR	NC		10.00			40	31	36	70	13	20	29.18	29.94
			SUNRISE: 0645			FEB 18	SUNSET: 1727									SUNRISE: 0636			FEB 24	SUNSET: 1734									
03	FEW	NC			10.00		28	21	26	75	12	19	29.42	30.20	03	BKN	220		10.00			40	29	36	65	14	21	29.17	29.93
06	FEW	NC			10.00		28	21	26	75	10	19	29.39	30.17	06	OVC	200		10.00			39	29	35	67	9	21	29.20	29.96
09	BKN	230			10.00		33	23	29	67	14	19	29.37	30.15	09	OVC	220		10.00			42	32	38	68	12	22	29.19	29.95
12	BKN	210			10.00		45	24	37	44	17	20	29.31	30.08	12	BKN	180		10.00			51	35	44	54	12	18	29.13	29.88
15	BKN	200			10.00		51	26	41	38	20	19	29.26	30.01	15	BKN	180		10.00			50	37	44	61	13	14	29.02	29.77
18	BKN	120			10.00		44	29	38	55	8	18	29.25	30.01	18	BKN	180		10.00			51	35	44	54	9	20	28.96	29.71
21	BKN	120			10.00		45	25	37	46	13	18	29.22	29.98	21	OVC	150		10.00			51	34	43	52	14	20	29.00	29.75
24	BKN	080			10.00		44	25	37	47	8	20	29.22	29.98	24	FEW	NC		10.00			49	32	41	52	13	22	28.98	29.72

OBSERVATIONS AT 3-HOURLY INTERVALS

MILWAUKEE, WI

FEBRUARY 2002

MKE

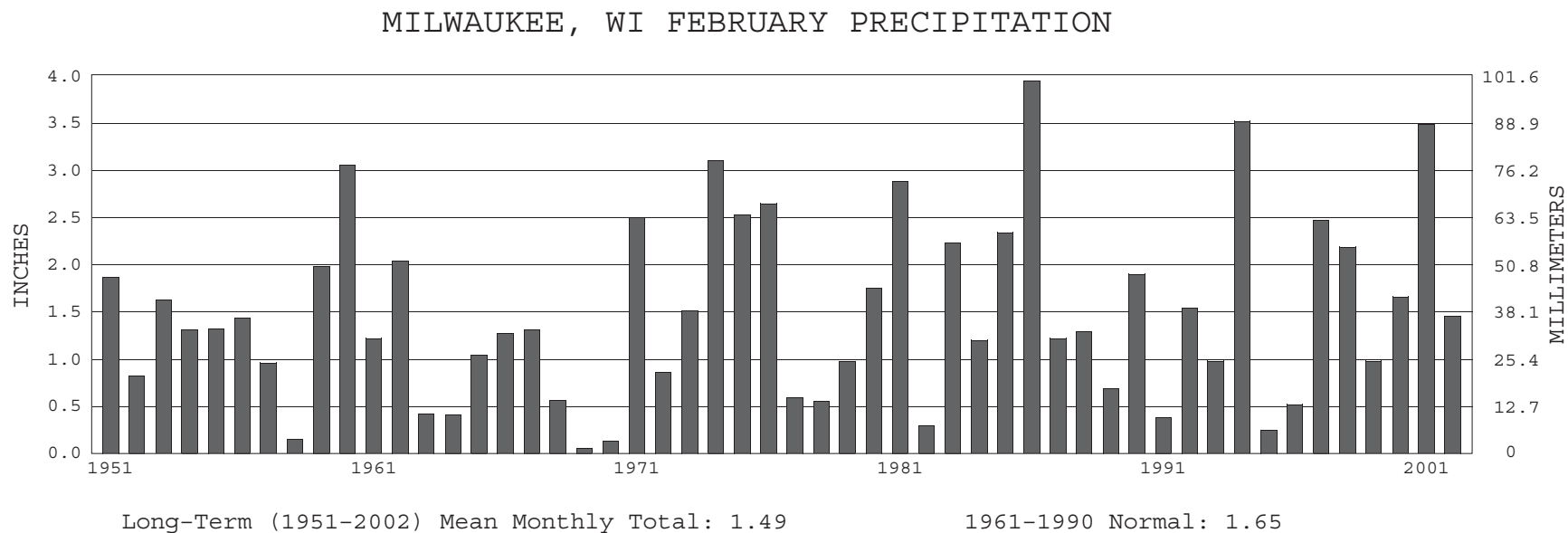
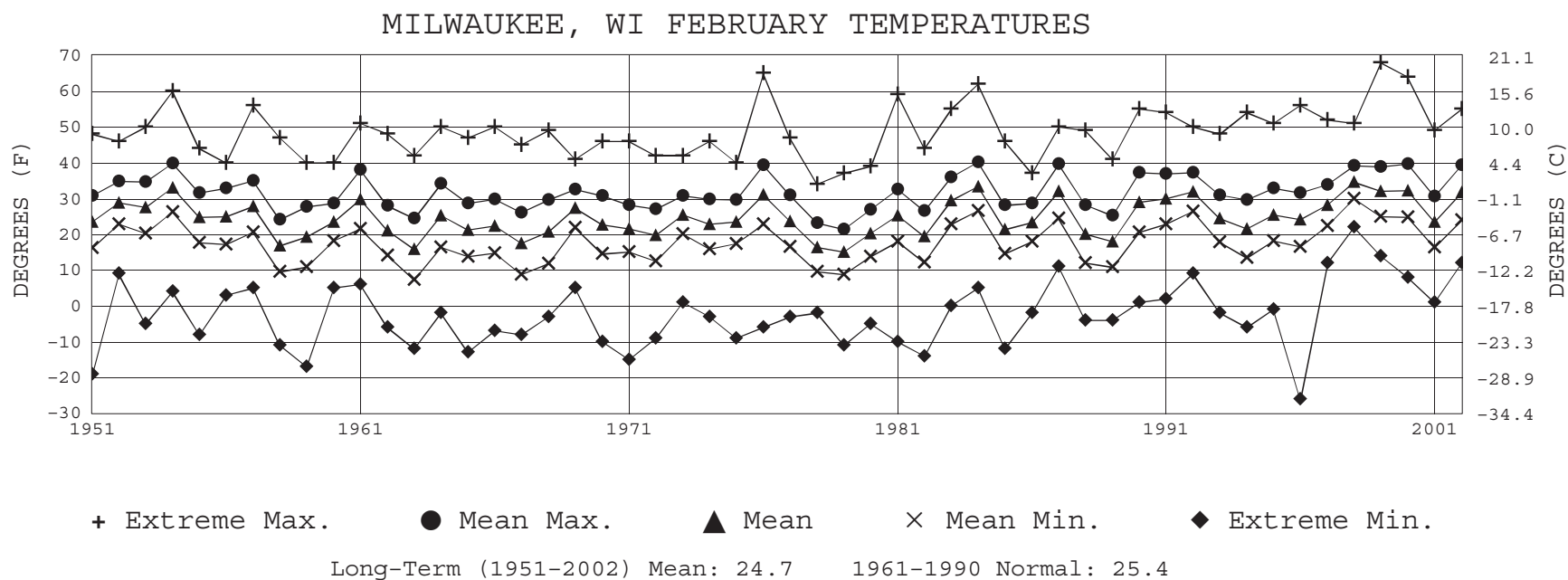
WBAN # 14839

HOUR (LST)			SATELLITE		VISIBILITY (MILES)	WEATHER	TEMPERATURE °F			RELATIVE HUMIDITY (PCT)	WIND		PRESSURE (INCHES,HG)		
			DRY BULB	DEW POINT			WET BULB	SPEED (MPH)	DIRECTION TENS OF DEG		STATION	SEA LEVEL			
	SKY COVER	CEILING 100'S OFFT	OBSERVATION TIME (LST)	EFF CLD AMT Oktas			TIME (LST)	EFF CLD AMT Oktas	TIME (LST)		EFF CLD AMT Oktas				
SUNRISE: 0634 FEB 25 SUNSET: 1736															
03	OVC	100			10.00	-SN	47	34	41	61	7	25	29.00	29.75	
06	OVC	007			8.00		35	32	34	89	16	01	29.09	29.84	
09	OVC	019			9.00		34	30	32	85	13	34	29.18	29.93	
12	OVC	022			10.00		34	27	31	76	15	34	29.23	29.99	
15	OVC	022			10.00		34	24	30	67	10	34	29.24	30.00	
18	OVC	024			10.00	33	23	29	67	10	36	29.27	30.03		
21	OVC	044			10.00	32	24	29	73	13	02	29.25	30.01		
24	OVC	020			9.00	-SN	29	21	26	72	15	36	29.19	29.96	
SUNRISE: 0632 FEB 26 SUNSET: 1737															
03	OVC	024			3.00	-SN	25	18	23	75	13	34	29.16	29.93	
06	OVC	060			9.00		22	18	21	85	13	32	29.13	29.90	
09	OVC	022			10.00		24	17	22	75	16	32	29.09	29.86	
12	OVC	027			3.00	-SN	27	17	24	66	16	31	29.07	29.84	
15	OVC	026			3.00	-SN	26	20	24	78	13	33	29.07	29.84	
18	OVC	025			4.00	-SN	24	20	23	84	13	30	29.09	29.86	
21	OVC	033			10.00		22	18	21	85	14	31	29.09	29.87	
24	OVC	140			8.00		20	14	18	78	13	32	29.10	29.87	
SUNRISE: 0631 FEB 27 SUNSET: 1738															
03	OVC	043			5.00	-SN	19	13	17	77	15	31	29.09	29.87	
06	OVC	038			6.00	-SN	19	12	17	74	15	31	29.13	29.91	
09	BKN	250			10.00		19	8	16	62	16	32	29.19	29.97	
12	BKN	030			10.00		23	11	20	60	13	35	29.24	30.02	
15	SCT	NC			10.00		27	10	22	49	13	33	29.26	30.03	
18	FEW	NC			10.00		26	9	21	48	9	28	29.29	30.07	
21	FEW	NC			10.00		22	10	19	60	8	24	29.30	30.07	
24	FEW	NC			10.00		19	9	16	65	7	25	29.30	30.07	
SUNRISE: 0629 FEB 28 SUNSET: 1740															
03	FEW	NC			10.00		18	9	16	68	10	24	29.27	30.04	
06	BKN	250			10.00		16	9	14	74	10	22	29.24	30.01	
09	BKN	160			10.00		23	10	19	57	15	21	29.19	29.97	
12	OVC	026			9.00		28	17	25	63	16	24	29.15	29.92	
15	OVC	031			10.00		29	16	25	58	16	27	29.17	29.94	
18	OVC	049			9.00	-SN	29	15	25	56	12	27	29.25	30.02	
21	BKN	140			10.00		28	16	24	61	8	26	29.30	30.07	
24	OVC	140			10.00		26	14	22	60	6	28	29.36	30.14	
SUNRISE: FEB 29 SUNSET:															
SUNRISE: FEB 30 SUNSET:															

HOUR (LST)			SATELLITE		VISIBILITY (MILES)	WEATHER	TEMPERATURE °F			RELATIVE HUMIDITY (PCT)	WIND		PRESSURE (INCHES,HG)		
			DRY BULB	DEW POINT			WET BULB	SPEED (MPH)	DIRECTION TENS OF DEG		STATION	SEA LEVEL			
	SKY COVER	CEILING 100'S OFFT	OBSERVATION TIME (LST)	EFF CLD AMT Oktas			TIME (LST)	EFF CLD AMT Oktas	TIME (LST)		EFF CLD AMT Oktas				
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 Visibilty = 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.

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)		
							STATION	SEA LEVEL			SPEED	DIRECTION
01			30	22	27	74	29.25	30.01	8.27	11	6	26
02			29	22	27	75	29.25	30.01	8.38	11	6	27
03			29	22	27	76	29.24	30.01	7.46	11	6	27
04			28	22	26	77	29.24	30.01	7.46	11	6	28
05			28	22	26	78	29.24	30.01	7.67	11	6	28
06			27	21	25	78	29.25	30.02	7.43	11	6	28
07			27	21	25	78	29.26	30.03	7.97	11	6	28
08			28	21	26	76	29.27	30.04	8.08	11	6	28
09			30	22	27	74	29.27	30.04	8.11	13	7	28
10			32	22	28	70	29.28	30.05	8.13	13	7	27
11			34	23	30	65	29.28	30.05	8.61	13	7	28
12			35	23	31	63	29.27	30.04	8.67	13	7	27
13			36	23	32	61	29.26	30.03	9.57	14	7	26
14			37	22	32	58	29.25	30.02	9.21	13	6	26
15			36	23	32	59	29.25	30.02	9.25	14	6	26
16			36	23	31	59	29.26	30.02	9.21	14	6	25
17			35	23	31	63	29.26	30.02	8.88	13	5	25
18			34	22	30	64	29.27	30.04	9.12	11	5	25
19			33	22	29	66	29.28	30.05	8.95	11	6	24
20			32	22	29	67	29.28	30.05	8.89	12	6	24
21			32	22	28	69	29.28	30.04	8.98	12	6	24
22			31	22	28	69	29.27	30.04	8.59	12	6	25
23			31	21	27	70	29.27	30.04	8.55	11	6	26
24			30	21	27	72	29.27	30.04	8.50	12	7	26





FEBRUARY 2002

MILWAUKEE, WI

LOCAL CLIMATOLOGICAL DATA

NOAA, National Climatic Data Center

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