



FEBRUARY 2003

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																																						
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	34	30	32	10	28	31	33	0	BR HZ	0		0.0	0.00	29.16	29.92	3.2	24	6.8	16	32	13	20	01																																				
02	36	32	34	12	33	34	31	0	RA DZ FG+ BR	0		0.0	0.03	29.10	29.86	8.8	10	9.0	23	11	18	12	02																																				
03	36	29	33	11	33	34	32	0	RA DZ SN PL FG+ BR	0		T	T	28.69	29.44	4.8	05	12.6	36	32	25	32	03																																				
04	30	8	19	-4	8	15	46	0	SN	T		0.1	T	29.05	29.83	19.5	31	19.8	41	30	31	30	04																																				
05	23	5	14	-9	2	12	51	0		T		0.0	0.00	29.42	30.21	8.2	26	9.7	18	23	15	23	05																																				
06	27	13	20	-3	11	19	45	0	SN HZ	T		T	T	29.42	30.20	9.5	30	11.7	21	32	17	32	06																																				
07	17	6	12	-11	0	9	53	0		T		0.0	0.00	29.39	30.19	10.6	28	12.7	26	23	20	24	07																																				
08	26	10	18	-6	11	17	47	0	SN BR HZ	T		0.1	T	29.16	29.94	12.8	26	14.3	29	22	24	23	08																																				
09	21	2	12	-12	-2	10	53	0		0		0.0	0.00	29.25	30.03	10.3	26	12.2	29	33	22	30	09																																				
10	24	5	15	-9	5	13	50	0	SN BR	T		T	T	29.11	29.89	8.5	31	11.0	25	33	21	32	10																																				
11	27	3	15	-9	2	10	50	0	SN FZFG BLSN	T		5.0	0.33	29.01	29.80	12.4	27	14.6	43	31	35*	31	11																																				
12	16	2	9	-16	-4	7	56	0	TS BLSN	5		0.0	0.00	29.32	30.11	11.5	29	11.9	32	31	28	31	12																																				
13	26	9	18	-7	5	15	47	0		3		0.0	0.00	29.38	30.17	7.4	29	7.6	22	25	16	30	13																																				
14	30	10	20	-5	15	20	45	0		3		0.0	0.00	29.37	30.15	8.0	07	9.4	29	05	23	06	14																																				
15	25	17	21	-4	11	18	44	0		2		0.0	0.00	29.65	30.44	20.9	06	21.2	36	07	30	06	15																																				
16	25	15	20	-6	11	18	45	0		1		0.0	0.00	29.66	30.45	15.4	07	15.9	28	09	23	08	16																																				
17	27	22	25	-1	21	24	40	0	SN BR	1		T	T	29.36	30.13	5.6	08	8.1	16	08	14	07	17																																				
18	40	25	33	7	27	30	32	0	BR HZ	0		0.0	0.00	29.19	29.96	14.3	23	14.7	28	23	22	23	18																																				
19	41	21	31	4	18	27	34	0		0		0.0	0.00	29.40	30.17	9.6	28	10.3	25	28	18	28	19																																				
20	52*	27	40	13	22	33	25	0		0		0.0	0.00	29.37	30.14	16.9	23	17.0	35	24	29	24	20																																				
21	51	28	40*	13	24	32	25	0	HZ	0		0.0	0.00	29.13	29.88	6.2	21	8.4	20	24	16	23	21																																				
22	33	16	25	-2	20	24	40	0	SN BR HZ BLSN	0		T	T	28.98	29.74	21.3	01	21.6	44*	02	32	02	22																																				
23	22	9	16	-12	5	14	49	0		0		0.0	0.00	29.24	30.03	10.0	01	11.6	29	34	22	35	23																																				
24	19	5	12	-16	4	12	53	0	SN BR HZ	1		0.9	0.04	29.49	30.28	11.5	31	11.8	26	29	21	30	24																																				
25	16	0*	8*	-20	-6	5	57	0		1		0.0	0.00	29.69	30.50	3.1	27	6.4	18	32	15	32	25																																				
26	26	6	16	-13	8	15	49	0	SN HZ	0		T	T	29.44	30.23	4.9	19	6.5	20	14	18	14	26																																				
27	32	15	24	-5	14	21	41	0	BR HZ	T		0.0	0.00	29.34	30.12	2.6	15	4.1	13	13	10	14	27																																				
28	38	13	26	-3	16	23	39	0	BR HZ	0		0.0	0.00	29.34	30.12	3.6	17	4.5	14	16	13	15	28																																				
										29.3		13.7	21.5	■ ■		12.2	19.4	43.3	0.0	< MONTHLY AVERAGES		TOTALS->		6.1	0.43	29.29	30.07	3.6	30	11.6	<- MONTHLY AVERAGES																												
										-3.2		-4.6	-3.9	■ ■		<-----DEPARTURE FROM NORMAL----->										-1.22		SUNSHINE, CLOUD, & VISIBILITY TABLES ON PAGE 3																															
DEGREE DAYS										GREATEST 24-HR PRECIPITATION: 0.33 DATE :11										SEA LEVEL PRESSURE DATE TIME																																							
MONTHLY TOTAL DEPARTURE										SEASON TO DATE TOTAL DEPARTURE										GREATEST 24-HR SNOWFALL: 5.0 DATE :11										MAXIMUM : 30.59 25 0852																													
HEATING: 1212 88										5060 -64										GREATEST SNOW DEPTH: 5 DATE :12										MINIMUM : 29.28 03 2052																													
COOLING: 0 0										0 0										NUMBER OF DAYS WITH →										MAXIMUM TEMP ≥ 90: 0										MINIMUM TEMP ≤ 32: 28										PRECIPITATION ≥ 0.01 INCH : 4									
																														MAXIMUM TEMP ≤ 32 :19										MINIMUM TEMP ≤ 0 : 1										PRECIPITATION ≥ 0.10 INCH : 1									
																														THUNDERSTORMS : 1										HEAVY FOG : 2										SNOWFALL ≥ 1.0 INCH : 1									

FEBRUARY 2003
MILWAUKEE, WI

HOURLY PRECIPITATION

(WATER EQUIVALENT IN INCHES)

MILWAUKEE, WI

FEBRUARY 2003

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													01												01		0.00		
02													02	0.01	0.01	0.01									02		0.03		
03						T	T	T					03	T	T	T									03		0.03		
04	T	T	T	T	T	T	T						04				T	T	0.01	0.01	T	T	T	T	04		0.03		
05												0.01	05												05		T		
06													06				T	T							06		0.00		
07													07												07		T		
08													08												08		0.00		
09													09			T	T	T	T	T	T				09		T		
10				T	T	T	T	T					10	T	T										10		0.00		
11													11				T	0.04	0.08	T	T				11	0.12	T		
12													12	T											12		0.33		
13													13												13		0.00		
14													14												14		0.00		
15													15												15		0.00		
16													16												16		0.00		
17													17	T											17		T		
18													18												18		0.00		
19													19												19		0.00		
20													20												20		0.00		
21													21												21		0.00		
22		T											22		T	T	T								22		T		
23													23												23		0.00		
24		T	T	T	T	T	T						24	T	T										24	T	0.04		
25													25												25		0.00		
26													26												26		T		
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

MILWAUKEE, 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							2.00	6.00	
02							.13	4.00	
03							.25	7.00	
04							4.00	10.00	
05							10.00	10.00	
06							4.00	10.00	
07							10.00	10.00	
08							1.75	10.00	
09							10.00	10.00	
10							1.75	10.00	
11							.06	10.00	
12							8.00	10.00	
13							10.00	10.00	
14							7.00	10.00	
15							10.00	10.00	
16							10.00	10.00	
17							6.00	10.00	
18							2.50	8.00	
19							9.00	10.00	
20							7.00	10.00	
21							4.00	10.00	
22							2.00	10.00	
23							10.00	10.00	
24							.00	10.00	
25							9.00	10.00	
26							6.00	10.00	
27							4.00	9.00	
28							3.00	10.00	
MONTHLY AVGS							5.48	9.43	
SUNSHINE (MINUTES)									
Total:					Possible:				
Percent Possible:									
NUMBER OF DAYS WITH:									
SKY CONDITION									
CLR PTLY CLDY CLOUDY MISSING									
28									
MINIMUM VISIBILITY (MILES)									
<=0.25 <=3.0 >=7.0									
3 10 12									

OBSERVATIONS AT 3-HOURLY INTERVALS

MILWAUKEE, WI

FEBRUARY 2003

MKE

WBAN # 14839

HOUR (LST)	SATELLITE		VISIBILITY (MILES)	WEATHER	TEMPERATURE °F			RELATIVE HUMIDITY (PCT)	WIND		PRESSURE (INCHES, HG)		HOUR (LST)	SATELLITE		VISIBILITY (MILES)	WEATHER	TEMPERATURE °F			RELATIVE HUMIDITY (PCT)	WIND		PRESSURE (INCHES, HG)					
	SKY COVER	CEILING 100'S OF FT			OBSERVATION TIME (LST)	EFF CLD AMT Oktas	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	DRY BULB	DEW POINT	WET BULB	SPEED (MPH)	DIRECTION TENS OF DEG	STATION	SEA LEVEL
SUNRISE: 0707					FEB 01					SUNSET: 1704					SUNRISE: 0660					FEB 07					SUNSET: 1712				
03	OVC	014	5.00	BR	31	28	30	89	9	34	29.20	29.96	03	FEW	NC	10.00		9	4	8	80	12	32	29.46	30.25				
06	OVC	014	6.00	HZ	31	26	29	82	8	34	29.21	29.97	06	BKN	047	10.00		7	2	6	80	9	33	29.46	30.25				
09	OVC	016	5.00	HZ	31	25	29	79	0	00	29.20	29.97	09	FEW	NC	10.00		7	0	6	73	9	31	29.46	30.26				
12	OVC	016	3.00	HZ	32	27	30	82	8	18	29.17	29.93	12	FEW	NC	10.00		14	-1	11	51	14	31	29.42	30.22				
15	OVC	016	2.50	HZ	33	27	31	78	9	21	29.13	29.89	15	SCT	NC	10.00		17	-1	13	45	12	27	29.35	30.15				
18	OVC	012	3.00	BR	33	29	31	85	8	21	29.11	29.88	18	CLR	NC	10.00		13	-4	10	46	14	25	29.33	30.12				
21	OVC	010	3.00	BR	33	30	32	89	6	21	29.12	29.89	21	CLR	NC	10.00		10	-3	8	55	16	25	29.31	30.11				
24	OVC	006	3.00	BR	33	31	32	92	3	18	29.09	29.85	24	CLR	NC	10.00		10	-2	8	58	17	23	29.25	30.03				
SUNRISE: 0706					FEB 02					SUNSET: 1705					SUNRISE: 0659					FEB 08					SUNSET: 1713				
03	VV	001	0.25	FG	32	32	32	100	0	00	29.08	29.84	03	CLR	NC	10.00		12	0	10	58	15	23	29.17	29.96				
06	OVC	002	1.00	-DZ BR	33	32	33	96	3	11	29.10	29.86	06	CLR	NC	10.00		13	6	11	74	17	23	29.12	29.90				
09	VV	001	0.25	FG	35	34	35	96	6	10	29.14	29.90	09	OVC	042	1.75	-SN	17	11	15	77	12	24	29.13	29.91				
12	OVC	005	1.50	BR	35	34	35	96	10	10	29.14	29.90	12	OVC	025	4.00	HZ	21	15	19	78	15	25	29.12	29.90				
15	OVC	003	1.00	BR	34	34	34	100	12	09	29.11	29.88	15	OVC	023	3.00	-SN	26	19	24	75	13	25	29.11	29.88				
18	OVC	011	4.00	BR	34	32	33	92	13	08	29.13	29.89	18	OVC	044	2.50	-SN	25	21	24	85	10	26	29.16	29.93				
21	OVC	011	3.00	BR	34	32	33	92	13	10	29.06	29.82	21	BKN	032	10.00		21	10	18	62	18	30	29.22	30.00				
24	OVC	011	3.00	BR	34	32	33	92	15	12	29.01	29.78	24	FEW	NC	10.00		14	1	11	56	20	32	29.29	30.06				
SUNRISE: 0704					FEB 03					SUNSET: 1707					SUNRISE: 0657					FEB 09					SUNSET: 1715				
03	OVC	009	3.00	BR	34	32	33	92	17	12	28.87	29.63	03	CLR	NC	10.00		6	-5	4	60	9	31	29.35	30.14				
06	OVC	003	1.25	-DZ BR	34	34	34	100	13	12	28.81	29.56	06	CLR	NC	10.00		4	-8	2	57	7	30	29.34	30.14				
09	OVC	001	0.50	-DZ FG	35	35	35	100	9	11	28.75	29.49	09	CLR	NC	10.00		5	-8	3	55	10	24	29.35	30.15				
12	OVC	001	0.25	-DZ FG	36	36	36	100	3	06	28.68	29.43	12	FEW	NC	10.00		15	-6	11	38	15	23	29.31	30.09				
15	VV	001	0.25	-RA FG	35	35	35	100	9	03	28.59	29.34	15	FEW	NC	10.00		20	-4	15	34	14	25	29.21	30.00				
18	OVC	003	1.50	-DZ BR	33	33	33	100	12	36	28.56	29.30	18	BKN	050	10.00		20	4	16	50	13	23	29.18	29.96				
21	OVC	008	4.00	-SN BR	33	31	32	92	14	33	28.53	29.28	21	FEW	NC	10.00		19	10	17	68	15	23	29.10	29.88				
24	BKN	017	4.00	-SN BR	29	25	28	85	15	31	28.61	29.36	24	CLR	NC	10.00		17	8	15	68	13	24	29.03	29.80				
SUNRISE: 0703					FEB 04					SUNSET: 1708					SUNRISE: 0656					FEB 10					SUNSET: 1716				
03	BKN	023	4.00	-SN	29	26	28	89	22	30	28.71	29.47	03	SCT	NC	10.00		21	14	19	74	14	24	28.95	29.72				
06	OVC	085	10.00		23	16	21	74	21	30	28.83	29.59	06	OVC	021	2.00	-SN	23	21	22	92	8	27	28.92	29.69				
09	BKN	019	6.00	-SN	18	11	16	74	28	30	28.95	29.72	09	BKN	025	2.00	-SN	20	15	19	81	14	34	29.00	29.78				
12	SCT	NC	8.00		16	7	14	67	17	30	29.04	29.81	12	BKN	032	10.00		19	5	16	54	12	35	29.13	29.90				
15	SCT	NC	10.00		16	3	13	56	20	31	29.13	29.91	15	BKN	035	10.00		13	-1	10	54	14	33	29.21	29.98				
18	FEW	NC	10.00		12	0	10	58	22	32	29.26	30.04	18	FEW	NC	10.00		10	-5	7	50	9	31	29.25	30.03				
21	CLR	NC	10.00		9	-3	7	58	15	31	29.35	30.14	21	FEW	NC	10.00		7	-6	5	55	6	30	29.28	30.06				
24	SCT	NC	10.00		8	-2	6	63	12	31	29.38	30.18	24	OVC	240	10.00		5	-6	3	60	6	26	29.24	30.02				
SUNRISE: 0702					FEB 05					SUNSET: 1709					SUNRISE: 0655					FEB 11					SUNSET: 1717				
03	FEW	NC	10.00		7	0	6	73	10	31	29.41	30.21	03	BKN	250	10.00		4	-9	2	54	6	28	29.17	29.96				
06	FEW	NC	10.00		6	-2	5	69	9	29	29.44	30.24	06	BKN	200	10.00		3	-6	2	66	9	24	29.10	29.88				
09	BKN	250	10.00		8	-2	6	63	7	28	29.47	30.27	09	BKN	075	10.00		7	-6	5	55	15	23	29.01	29.80				
12	BKN	110	10.00		17	1	13	49	14	24	29.47	30.26	12	BKN	032	5.00	-SN	17	7	15	64	17	27	28.94	29.72				
15	BKN	250	10.00		20	3	16	48	12	23	29.41	30.21	15	BKN	140	10.00		26	10	21	51	16	25	28.82	29.58				
18	BKN	060	10.00		19	6	16	57	7	21	29.39	30.19	18	OVC	002	0.25	SN FZFG	22	21	22	96	15	32	28.83	29.62				
21	BKN	060	10.00		22	8	18	55	9	23	29.37	30.16	21	CLR	NC	4.00	BLSN	14	3	12	61	16	31	29.05	29.83				
24	OVC	033	10.00		23	10	19	57	12	23	29.37	30.15	24	FEW	NC	7.00	BLSN	12	-2	9	53	18	30	29.17	29.95				
SUNRISE: 0701					FEB 06					SUNSET: 1711					SUNRISE: 0653					FEB 12					SUNSET: 1719				
03	OVC	037	10.00		26	14	22	60	10	23	29.33	30.12	03	SCT	NC	10.00		8	1	7	73	8	31	29.26	30.04				
06	OVC	036	10.00		26	15	23	63	9	25	29.33	30.12	06	FEW	NC	10.00		4	-5	2	66	12	29	29.31	30.10				
09	BKN	025	4.00	-SN	26	19	24	75	14	32	29.38	30.16	09	CLR	NC	10.00		3	-10	1	54	14	28	29.34	30.14				
12	FEW	NC	8.00		24	10	20	55	15	33	29.44	30.22	12	CLR	NC	10.00		9	-6	6	50	15	26	29.33	30.12				
15	SCT	NC	10.00		24	9	20	52	12	30	29.43	30.21	15	CLR	NC	10.00		14	-3	11	47	20	29	29.29	30.08				
18	SCT	NC	10.00		18	7	15	62	13	33	29.47	30.26	18	FEW	NC	10.00		14	-2	11	49	8	28	29.32	30.12				
21	BKN	031	10.00		17	5	14	59	10	34	29.49	30.27	21	CLR	NC	10.00		12	-2	9	53	3	28	29.36	30.16				
24	SCT	NC	10.00		13	5	11	70	14	31	29.47	30.26	24	BKN	120	10.00		10	-3	8	55	7	31	29.38	30.17				

OBSERVATIONS AT 3-HOURLY INTERVALS

MILWAUKEE, WI

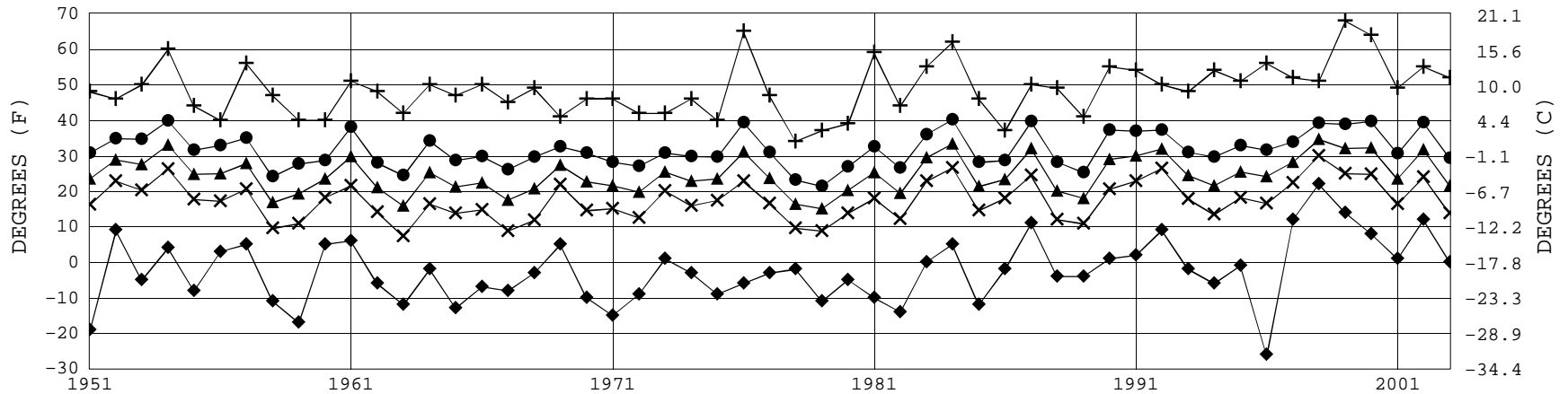
FEBRUARY 2003

MKE

WBAN # 14839

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	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
SUNRISE: 0652				FEB 13				SUNSET: 1720				SUNRISE: 0644				FEB 19				SUNSET: 1728									
03	OVC	100			10.00	10	-1	8	61	7	29	29.38	30.18	03	FEW	NC			10.00	28	18	25	66	8	29	29.29	30.06		
06	OVC	065			10.00	12	0	10	58	7	30	29.34	30.14	06	FEW	NC			10.00	22	12	19	66	5	28	29.37	30.15		
09	OVC	050			10.00	15	3	12	59	9	30	29.38	30.18	09	SCT	NC			9.00	24	12	21	60	8	30	29.42	30.19		
12	CLR	NC			10.00	21	6	17	52	12	29	29.38	30.17	12	FEW	NC			10.00	32	14	26	47	7	30	29.43	30.20		
15	CLR	NC			10.00	26	8	21	46	12	28	29.37	30.16	15	CLR	NC			10.00	40	20	33	45	9	28	29.40	30.18		
18	CLR	NC			10.00	24	8	20	50	5	27	29.39	30.17	18	CLR	NC			10.00	38	21	32	51	7	26	29.43	30.21		
21	CLR	NC			10.00	21	10	18	62	5	26	29.39	30.17	21	CLR	NC			10.00	33	22	29	64	14	24	29.46	30.24		
24	CLR	NC			10.00	17	10	15	74	0	00	29.37	30.16	24	CLR	NC			10.00	32	23	29	69	15	25	29.46	30.24		
SUNRISE: 0651				FEB 14				SUNSET: 1721				SUNRISE: 0642				FEB 20				SUNSET: 1729									
03	CLR	NC			8.00	12	8	11	84	5	32	29.36	30.15	03	CLR	NC			10.00	31	23	28	72	12	24	29.46	30.23		
06	BKN	042			8.00	15	7	13	70	0	00	29.38	30.16	06	CLR	NC			9.00	28	20	25	72	14	23	29.44	30.22		
09	BKN	250			8.00	23	15	21	72	0	00	29.36	30.15	09	CLR	NC			9.00	37	23	32	57	17	23	29.43	30.21		
12	BKN	150			10.00	29	20	26	69	10	12	29.34	30.13	12	CLR	NC			10.00	49	22	38	35	25	24	29.38	30.15		
15	OVC	018			10.00	28	21	26	75	16	08	29.32	30.11	15	CLR	NC			10.00	52	23	40	32	24	24	29.31	30.06		
18	OVC	090			10.00	26	18	23	71	15	06	29.36	30.15	18	CLR	NC			10.00	46	22	37	38	14	22	29.30	30.06		
21	BKN	075			10.00	26	18	23	71	15	04	29.39	30.18	21	CLR	NC			10.00	39	25	34	57	17	23	29.30	30.06		
24	OVC	055			10.00	25	18	23	75	20	06	29.43	30.21	24	CLR	NC			10.00	36	26	32	67	15	24	29.27	30.02		
SUNRISE: 0649				FEB 15				SUNSET: 1723				SUNRISE: 0641				FEB 21				SUNSET: 1730									
03	OVC	150			10.00	22	12	19	66	23	06	29.47	30.26	03	CLR	NC			8.00	33	21	29	61	15	23	29.26	30.01		
06	OVC	020			10.00	19	13	17	77	26	06	29.56	30.35	06	SCT	NC			6.00 HZ	31	25	29	79	7	22	29.21	29.97		
09	OVC	021			10.00	19	11	17	71	21	07	29.66	30.44	09	BKN	220			7.00	34	24	30	67	6	23	29.19	29.94		
12	OVC	017			10.00	19	12	17	74	22	06	29.68	30.47	12	BKN	220			10.00	47	19	36	33	12	23	29.13	29.89		
15	OVC	020			10.00	20	11	18	68	22	06	29.69	30.47	15	SCT	NC			7.00	46	28	39	50	12	13	29.02	29.78		
18	SCT	NC			10.00	20	8	17	60	21	07	29.73	30.52	18	SCT	NC			6.00 HZ	37	25	32	62	8	17	29.05	29.81		
21	BKN	140			10.00	20	9	17	62	20	08	29.76	30.55	21	CLR	NC			5.00 HZ	28	23	26	81	0	00	29.04	29.80		
24	BKN	150			10.00	17	8	15	68	18	08	29.75	30.54	24	BKN	150			4.00 HZ	29	24	27	82	12	02	29.03	29.79		
SUNRISE: 0648				FEB 16				SUNSET: 1724				SUNRISE: 0639				FEB 22				SUNSET: 1732									
03	SCT	NC			10.00	15	9	14	77	14	07	29.75	30.55	03	OVC	006			6.00 BR	32	28	30	85	17	03	29.01	29.77		
06	FEW	NC			10.00	16	9	14	74	16	07	29.75	30.54	06	OVC	006			9.00	29	27	28	92	23	02	29.00	29.76		
09	FEW	NC			10.00	19	8	16	62	20	09	29.74	30.53	09	OVC	008			3.00 BR	27	24	26	89	16	01	29.00	29.77		
12	FEW	NC			10.00	22	12	19	66	17	05	29.69	30.48	12	OVC	010			5.00 HZ	27	22	25	81	21	01	28.94	29.71		
15	SCT	NC			10.00	23	11	20	60	16	04	29.64	30.42	15	OVC	011			4.00 -SN	24	19	22	81	21	01	28.90	29.67		
18	FEW	NC			10.00	22	12	19	66	12	06	29.59	30.38	18	OVC	018			10.00	22	15	20	75	18	01	28.96	29.73		
21	CLR	NC			10.00	24	10	20	55	12	07	29.53	30.32	21	OVC	025			10.00	19	8	16	62	24	36	28.99	29.76		
24	BKN	021			10.00	22	16	20	78	13	07	29.52	30.31	24	BKN	042			10.00	16	5	13	62	22	35	29.02	29.79		
SUNRISE: 0646				FEB 17				SUNSET: 1725				SUNRISE: 0637				FEB 23				SUNSET: 1733									
03	OVC	010			10.00	23	20	22	88	12	08	29.44	30.22	03	SCT	NC			10.00	12	3	10	67	15	35	29.06	29.84		
06	OVC	012			10.00	23	20	22	88	8	07	29.40	30.19	06	SCT	NC			10.00	10	2	8	69	15	35	29.15	29.93		
09	OVC	010			9.00	24	20	23	84	13	07	29.41	30.19	09	FEW	NC			10.00	13	2	11	61	15	01	29.24	30.02		
12	OVC	010			10.00	25	21	24	85	8	06	29.37	30.15	12	FEW	NC			10.00	19	5	16	54	13	04	29.27	30.05		
15	BKN	010			9.00	26	22	25	84	7	03	29.31	30.08	15	SCT	NC			10.00	22	8	18	55	10	06	29.30	30.08		
18	OVC	008			10.00	25	23	24	92	6	13	29.29	30.06	18	OVC	190			10.00	20	9	17	62	8	05	29.32	30.11		
21	OVC	010			7.00	26	24	25	92	5	23	29.28	30.05	21	BKN	031			10.00	19	6	16	57	7	34	29.37	30.16		
24	OVC	010			6.00 BR	27	24	26	89	8	20	29.24	30.01	24	BKN	070			10.00	19	6	16	57	7	34	29.35	30.14		
SUNRISE: 0645				FEB 18				SUNSET: 1726				SUNRISE: 0636				FEB 24				SUNSET: 1734									
03	OVC	008			3.00 BR	27	25	26	92	12	22	29.21	29.98	03	OVC	020			1.50 -SN	16	11	15	80	9	31	29.34	30.13		
06	OVC	008			6.00 BR	25	23	24	92	15	24	29.19	29.96	06	OVC	038			2.50 -SN	16	11	15	80	10	32	29.37	30.15		
09	OVC	008			3.00 BR	26	24	25	92	16	24	29.21	29.98	09	BKN	220			10.00	16	9	14	74	10	29	29.42	30.21		
12	OVC	008			4.00 BR	30	26	29	85	15	23	29.22	29.99	12	OVC	025			2.50 -SN	15	7	13	70	13	32	29.46	30.26		
15	FEW	NC			8.00	39	29	35	67	17	24	29.18	29.94	15	BKN	048			10.00	16	2	13	54	12	31	29.52	30.31		
18	FEW	NC			7.00	37	29	34	73	18	21	29.15	29.91	18	SCT	NC			10.00	13	1	10	59	13	32	29.59	30.38		
21	FEW	NC			6.00 HZ	35	30	33	82	21	23	29.19	29.95	21	CLR	NC			10.00	9	-4	7	55	12	31	29.66	30.45		
24	FEW	NC			4.00 BR	34	30	32	85	16	26	29.22	29.99	24	CLR	NC			10.00	5	-9	3	52	14	32	29.71	30.52		

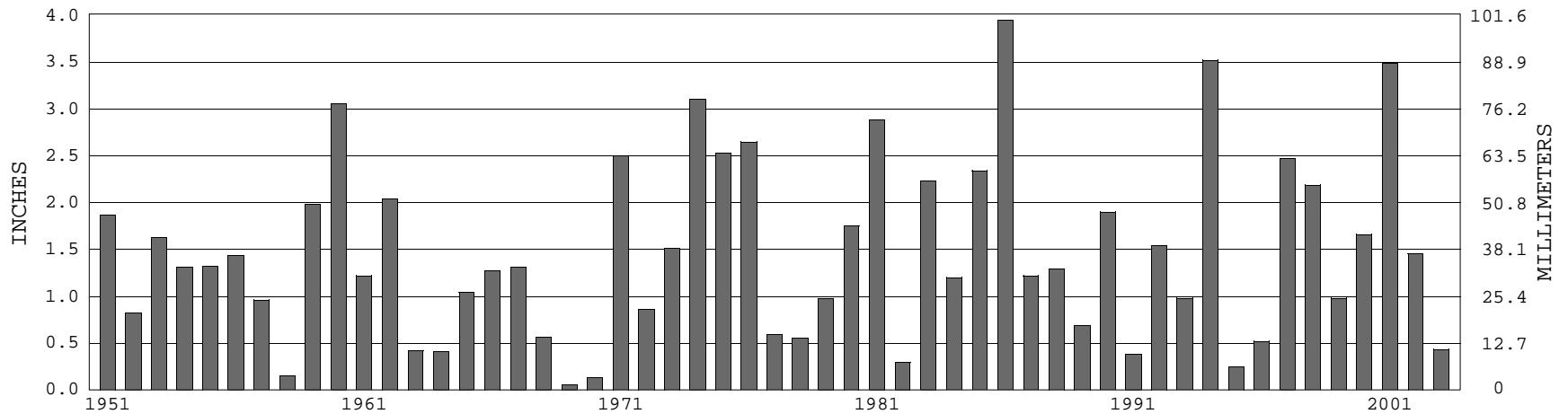
MILWAUKEE, WI FEBRUARY TEMPERATURES



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

Long-Term (1951-2003) Mean: 24.6 1961-1990 Normal: 25.4

MILWAUKEE, WI FEBRUARY PRECIPITATION



Long-Term (1951-2003) Mean Monthly Total: 1.47

1961-1990 Normal: 1.65



FEBRUARY 2003

MILWAUKEE, WI

LOCAL CLIMATOLOGICAL DATA

NOAA, National Climatic Data Center

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