



MARCH 2002

LOCAL CLIMATOLOGICAL DATA

NOAA, National Climatic Data Center

MARQUETTE, MI

MARQUETTE MICHIGAN COUNTY ARPT (MQT)

Lat: 46°32' N Long: 87°34' W Elev (Ground): 1415 Feet

Time Zone: EASTERN WBAN: 94850 ISSN #:0198-2648

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		0700 LST	1300 LST	2400 LST	2400 LST	AVERAGE STATION	AVERAGE SEA LEVEL	RESULTANT SPEED	RES DIR	AVERAGE SPEED	MAXIMUM					
																			PEAK	DIR	2-MIN	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	16	-3	7	-12			58	0		34		0.1	T										01	
02	19	2	11	-8			54	0		31		9.4	0.46											02
03	13	-12	1	-18			64	0		40		10.4	0.42											03
04	14	-12*	1*	-18			64	0		34		0.0	0.00											04
05	21	-2	10	-10			55	0		32		0.0	T											05
06	21	3	12	-8			53	0		31		0.0	T											06
07	23	-10	7	-13			58	0		29		1.0	0.12											07
08	25	17	21	0			44	0		36		9.1	0.95											08
09	42	8	25	4			40	0		34		6.3	0.96											09
10	15	9	12	-9			53	0		34		4.3	0.16											10
11	26	5	16	-6			49	0		32		0.8	T											11
12	38	4	21	-1			44	0		32		0.0	T											12
13	39	22	31	8			34	0		32		0.0	0.01											13
14	27	18	23	0			42	0		30		5.1	0.42											14
15	25	4	15	-8			50	0		40		12.8	1.30											15
16	37	-6	16	-8			49	0		40		0.0	0.00											16
17	39	1	20	-4			45	0		39		0.0	0.00											17
18	42	16	29	5			36	0		38		0.0	T											18
19	37	16	27	2			38	0		36		0.4	0.02											19
20	31	14	23	-2			42	0		36		2.4	0.15											20
21	14	6	10	-15			55	0		39		6.4	0.29											21
22	24	6	15	-11			50	0		37		0.8	0.02											22
23	23	-2	11	-15			54	0		37		3.2	0.12											23
24	17	0	9	-18			56	0		40		5.1	0.17											24
25	23	6	15	-12			50	0		41		4.1	0.05											25
26	32	4	18	-9			47	0		40		0.0	T											26
27	43	0	22	-6			43	0		38		0.0	0.00											27
28	39	27	33	5			32	0		37		0.5	0.05											28
29	47*	29	38*	9			27	0		35		0.0	T											29
30	40	24	32	3			33	0		33		0.7	0.03											30
31	34	21	28	-1			37	0		32		0.2	0.01											31
28.6		6.9	17.8	■ ■			47.0	0.0	< MONTHLY AVERAGES	TOTALS->		83.1	5.71										<- MONTHLY AVERAGES	
-4.5		-7.4	-5.9	■ ■	<-----DEPARTURE FROM NORMAL----->							2.58	SUNSHINE, CLOUD, & VISIBILITY TABLES ON PAGE 3											
DEGREE DAYS									GREATEST 24-HR PRECIPITATION: 1.72 DATE :14-15				SEA LEVEL PRESSURE DATE TIME											
MONTHLY									GREATEST 24-HR SNOWFALL: 17.9 DATE :14-15				MAXIMUM											
TOTAL DEPARTURE									GREATEST SNOW DEPTH: 41 DATE : 25				MINIMUM											
HEATING: 1456 173 7085 -987									NUMBER OF DAYS WITH ➔				MAXIMUM TEMP ≥ 90: 0				MINIMUM TEMP ≤ 32: 31				PRECIPITATION ≥ 0.01 INCH : 19			
COOLING: 0 0 0 0													MAXIMUM TEMP ≤ 32 :19				MINIMUM TEMP ≤ 0 : 9				PRECIPITATION ≥ 0.10 INCH : 12			
													THUNDERSTORMS :				HEAVY FOG :				SNOWFALL ≥ 1.0 INCH : 13			

MARCH 2002
MARQUETTE, MI

* = Extreme for the month (last occurrence if more than one)
T = Trace precipitation amount
+ = also occurs on earlier date
FG+ = Heavy fog, visibility 0.25 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

PAGE 2

Sky Cover is the mean cloud cover observed from sunrise to sunset (SR–SS), or midnight to midnight (MN–MN).

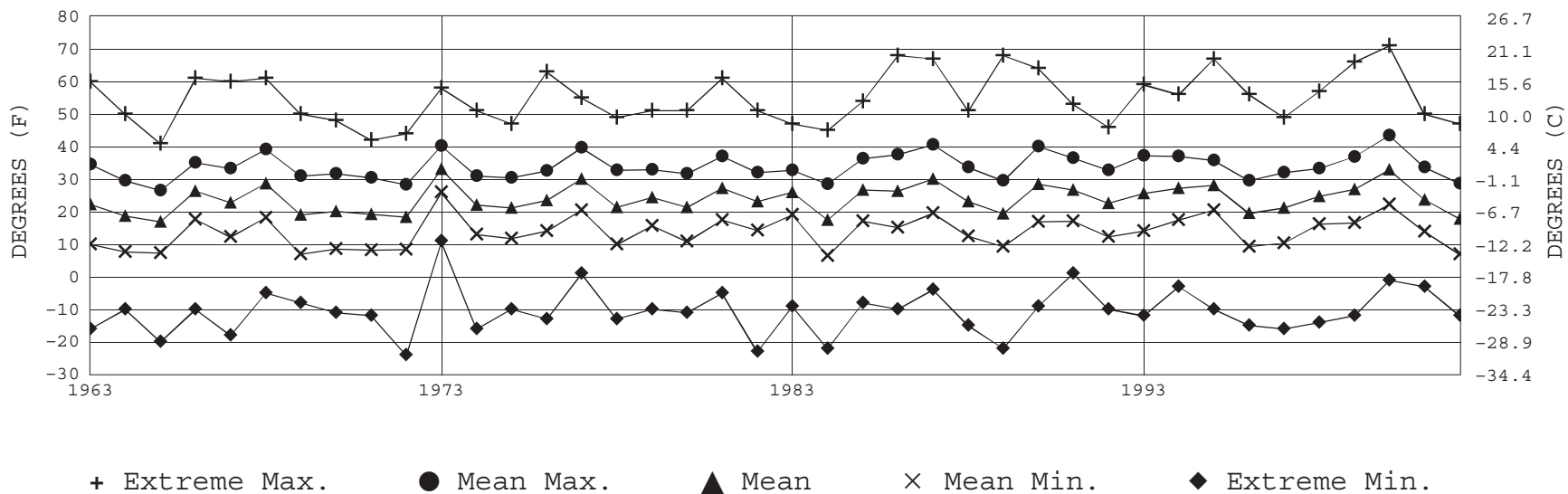
Sky Condition is based on the SR–SS sky cover.
Clear = 0–2 oktas, Partly Cloudy = 3–6 oktas,
Cloudy = 7–8 oktas.

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 at constant pressure by evaporation of moisture into it, to 100% relative humidity.

ADDITIONAL NOTES:

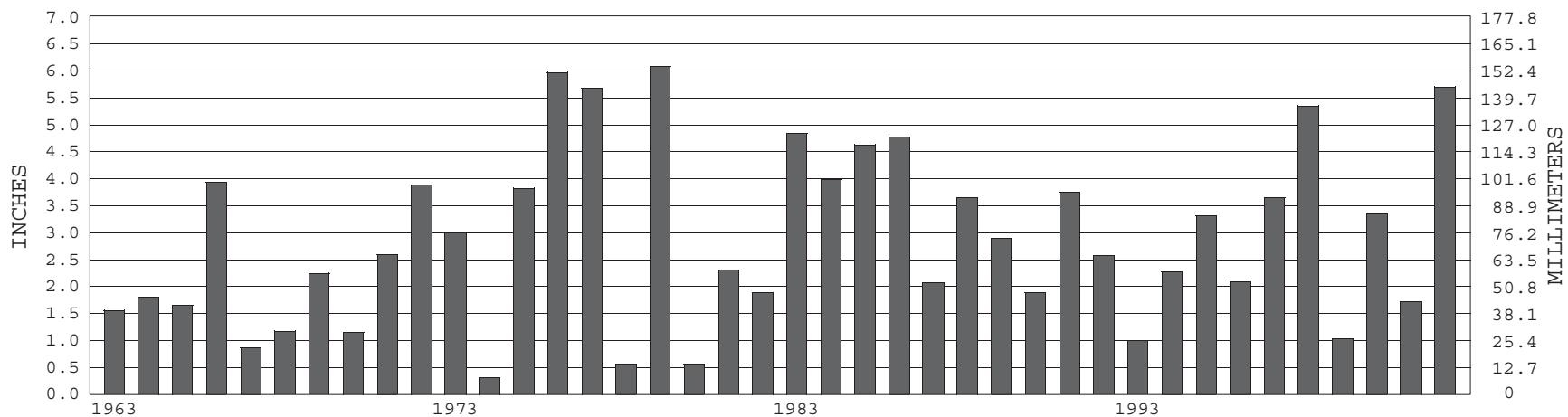
DATE	SUNSHINE		CLOUDINESS (OKTAS)				VISIBILITY (MILES)		RESERVED
	TOTAL MINUTES	PERCENT POSSIBLE	SR-SS		MN-MN		MINIMUM	MAXIMUM	
			SKY COVER	SATELLITE	SKY COVER	SATELLITE			
01	640	96							
02	320	48							
03	61	9							
04	643	95							
05	650	96							
06	433	63							
07	496	72							
08	0	0							
09	30	4							
10	100	14							
11	340	49							
12	666	95							
13	664	94							
14	618	87							
15	0	0							
16	715	100							
17	690	96							
18	658	91							
19	516	71							
20	54	7							
21	398	54							
22	699	95							
23	354	48							
24	306	41							
25	360	48							
26	514	69							
27	736	98							
28	0	0							
29	717	95							
30	616	81							
31	226	30							
MONTHLY AVGS									
<p align="center">SUNSHINE (MINUTES)</p> <p>Total: 13220 Possible: 22199</p> <p align="center">Percent Possible: 60</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">31</p> <p align="center">MINIMUM VISIBILITY (MILES)</p> <p align="center"><=0.25 <=3.0 >=7.0</p>									

MARQUETTE, MI MARCH TEMPERATURES



Long-Term (1963-2002) Mean: 23.9 1961-1990 Normal: 23.7

MARQUETTE, MI MARCH PRECIPITATION



Long-Term (1963-2002) Mean Monthly Total: 2.89

1961-1990 Normal: 3.13



MARCH 2002

MARQUETTE, MI

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.

DIRECTOR

NCDC now offers an annual online subscription for the **Edited Local Climatological Data Publication**. When you purchase this subscription service, you will have **immediate online access** to all previous publications back to July 1996 and all publications thereafter until the expiration of the subscription. Your subscription is valid for one year after purchase. **The total cost is \$29 for online delivery (including back issues) compared to \$34 for offline delivery.** To order this and other subscriptions online with your credit card, go to:
www.ncdc.noaa.gov and choose subscriptions.

We welcome your questions or comments, please contact us at
Toll Free Number (866) 742–3322 (voice)
Fax Number : (304) 726–4409
TDD : 828–271–4010
or Email : ncdc.info@noaa.gov
Local Climatological Data is available at www.ncdc.noaa.gov

For address correction, please return a photocopy of this page to Subscription Services indicating changes

NCDC Subscription Services Center
310 State Route 956 Building 300
Rocket Center, WV 26726

OFFICIAL BUSINESS. PENALTY FOR PRIVATE USE \$300

FIRST CLASS
POSTAGE AND FEES PAID
NOAA
PERMIT G–19