



SEPTEMBER 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	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	82	61	72	14			0	7		0		0.0	0.00										01					
02	84	60	72	14			0	7		0		0.0	0.52											02				
03	72	55	64	6			1	0		0		0.0	0.00											03				
04	65	47	56	-1			9	0		0		0.0	0.00											04				
05	63	47	55	-2			10	0		0		0.0	0.02											05				
06	76	60	68	11			0	3			0		0.0	0.01										06				
07	91	63	77	21			0	12			0		0.0	0.00										07				
08	91	66	79	23			0	14			0		0.0	0.00										08				
09	93*	66	80*	24			0	15			0		0.0	0.10										09				
10	66	53	60	5			5	0			0		0.0	0.66										10				
11	72	49	61	6			4	0			0		0.0	0.00										11				
12	78	51	65	10			0	0			0		0.0	0.00										12				
13	70	57	64	10			1	0			0		0.0	0.00										13				
14	63	49	56	2			9	0			0		0.0	0.25										14				
15	65	39	52	-2			13	0			0		0.0	0.00										15				
16	77	47	62	9			3	0			0		0.0	0.00										16				
17	82	45	64	11			1	0			0		0.0	0.00										17				
18	77	54	66	13			0	1			0		0.0	0.00										18				
19	72	62	67	15			0	2			0		0.0	0.18										19				
20	65	58	62	10			3	0			0		0.0	1.73										20				
21	63	46	55	3			10	0			0		0.0	0.00										21				
22	57	40	49	-2			16	0			0		0.0	0.05										22				
23	53	36	45	-6			20	0			0		0.0	0.52										23				
24	56	39	48	-3			17	0			0		0.0	0.15										24				
25	53	45	49	-1			16	0			0		0.0	0.18										25				
26	46	40	43*	-7			22	0			0		0.0	0.85										26				
27	60	34	47	-3			18	0			0		0.0	0.00										27				
28	59	33*	46	-3			19	0			0		0.0	0.08										28				
29	59	46	53	4			12	0			0		0.0	T										29				
30	76	58	67	18			0	2			0		0.0	0.41										30				
69.5											< MONTHLY AVERAGES		TOTALS-->		0.0		5.71					<-- MONTHLY AVERAGES						
6.3											6.4		6.4		1.97		SUNSHINE, CLOUD, & VISIBILITY TABLES ON PAGE 3											
DEGREE DAYS									GREATEST 24-HR PRECIPITATION: 1.73 DATE: 20					SEA LEVEL PRESSURE DATE TIME														
MONTHLY									GREATEST 24-HR SNOWFALL: 0.0 DATE: :					MAXIMUM														
TOTAL DEPARTURE									GREATEST SNOW DEPTH: 0 DATE: :					MINIMUM														
HEATING: 209 -139									NUMBER OF DAYS WITH →					MAXIMUM TEMP ≥ 90: 3					PRECIPITATION ≥ 0.01 INCH : 15									
COOLING: 63 60														MAXIMUM TEMP ≤ 32 : 0					MINIMUM TEMP ≤ 0 : 0					PRECIPITATION ≥ 0.10 INCH : 11				
														THUNDERSTORMS :					HEAVY FOG :					SNOWFALL ≥ 1.0 INCH : 0				
SEASON TO DATE									TOTAL DEPARTURE																			
									305 -269																			
									407 240																			

SEPTEMBER 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

NORMALS ARE FOR THE YEARS 1971–2000

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	
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		

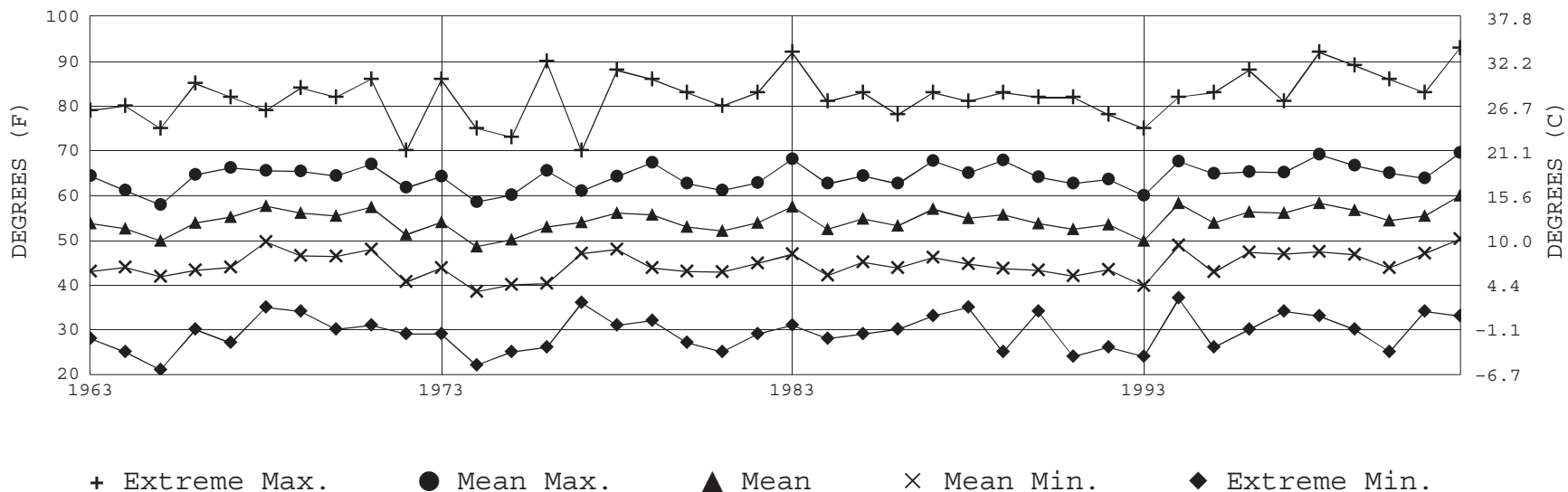
Intensity (as indicated on pages 4 to 6):

'+' = Heavy ' ' = Moderate '-' = Light

ADDITIONAL NOTES:

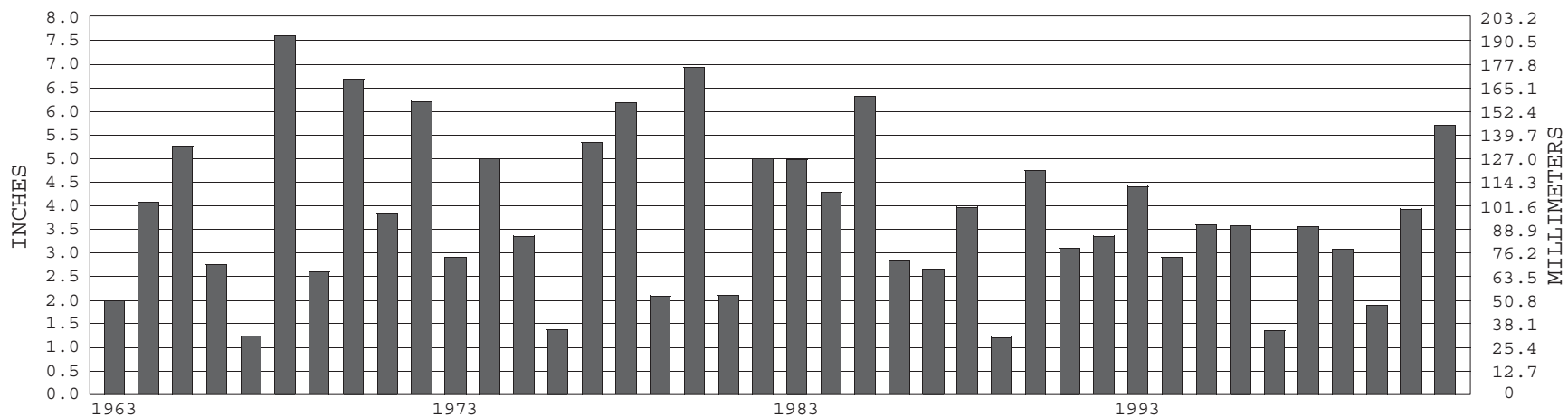
DATE	SUNSHINE		CLOUDINESS (OKTAS)				VISIBILITY (MILES)		RESERVED
	TOTAL MINUTES	PERCENT POSSIBLE	SR-SS		MN-MN		MINIMUM	MAXIMUM	
			SKY COVER	SATELLITE	SKY COVER	SATELLITE			
01	750	94							
02	661	83							
03	794	100							
04	791	100							
05	325	41							
06	708	90							
07	734	94							
08	777	100							
09	728	94							
10	318	41							
11	749	98							
12	764	100							
13	684	90							
14	701	92							
15	732	97							
16	724	96							
17	717	96							
18	673	90							
19	592	80							
20	276	37							
21	694	94							
22	688	94							
23	598	82							
24	500	76							
25	570	79							
26	20	3							
27	710	99							
28	617	87							
29	546	77							
30	597	79							
MONTHLY AVGS									
SUNSHINE (MINUTES) Total: 18738 Possible: 22582 Percent Possible: 83									
NUMBER OF DAYS WITH: SKY CONDITION CLR PTLY CLDY CLOUDY MISSING 30 MINIMUM VISIBILITY (MILES) <=0.25 <=3.0 >=7.0									

MARQUETTE, MI SEPTEMBER TEMPERATURES



Long-Term (1963-2002) Mean: 54.4 1961-1990 Normal: 53.5

MARQUETTE, MI SEPTEMBER PRECIPITATION



Long-Term (1963-2002) Mean Monthly Total: 3.85

1961-1990 Normal: 3.74



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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

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