

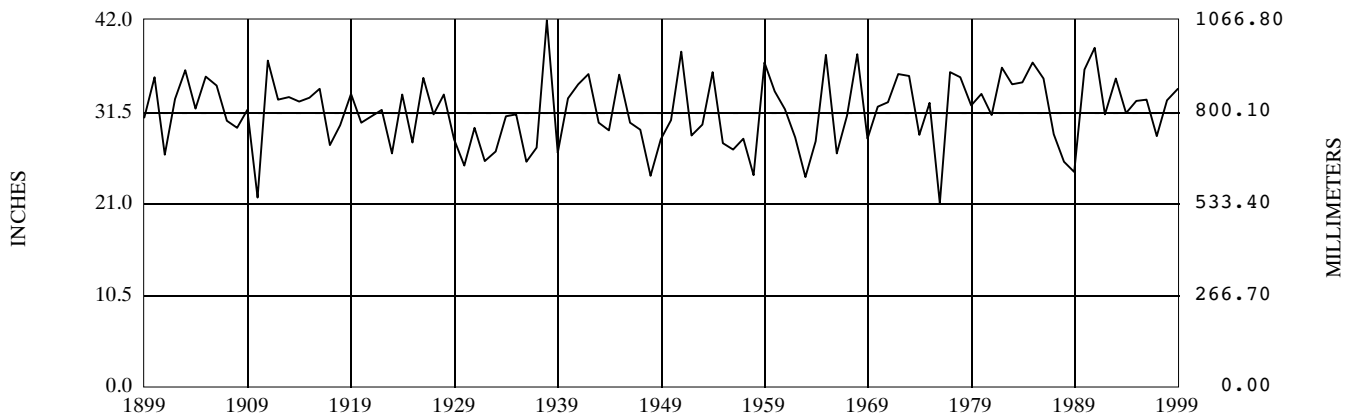
CLIMATOLOGICAL DATA ANNUAL SUMMARY

WISCONSIN

1999

VOLUME 104 NUMBER 13

ISSN 0364-5304



----- Long-Term Average 31.27 inches

WISCONSIN PRECIPITATION, 1899-1999

“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 supervised by NOAA/National Weather Service and received at the National Climatic Data Center (NCDC), Asheville, North Carolina 28801.”

Thomas R. Karl

DIRECTOR
NATIONAL CLIMATIC DATA CENTER

noaa

National
Oceanic and
Atmospheric Administration

National
Environmental Satellite, Data
and Information Service

National
Climatic Data Center
Asheville, North Carolina

WISCONSIN
1999

TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL (INCHES)

STATION	JAN		FEB		MAR		APR		MAY		JUN	
	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE
NORTHWEST 01												
AMERY	1.58	.64	M .63		1.45	-.23	2.79	.19	5.17	1.92	5.21	.72
ASHLAND 3 S	3.04		2.59		.40		M 2.94		3.55		8.90	
ASHLAND EXP FARM	M 1.87		1.38	.62	.46	-1.34	M 2.94		M 2.55		M 5.23	
BAYFIELD 6 N	2.50	.94	1.82	.96	.42	-1.78	2.39	.25	3.53	.22	5.62	2.13
BIG FALLS HYDRO	1.32	.19	1.13	.25	.32	-1.68	1.95	-.68	6.95	3.51	2.44	-1.89
BLOOMER	1.16	.22	.98	.28	.50	-1.29	4.07	1.40	6.51	2.89	2.52	-1.95
BRULE R S	2.01	.81	1.41	.53	.57	-1.35	3.93	1.67	3.07	-.18	9.14	5.56
CLAM LAKE 10 SW	M 2.35		M 1.84	.99	M .79	-.93	M 2.18	-.30	M 7.39		M 4.34	
COUDERAY 7 W	.84	-.19	.99	.10	.57	-.34	3.00	.19	6.02	2.77	6.77	2.57
CUMBERLAND	1.86	.74	.99	.10	1.57	-.34	3.00	.19	4.58	1.17	M 4.72	
DANBURY	.70	-.32	.50	-.31	.90	-.87	2.90	.63	4.46	1.01	6.52	2.62
DRUMMOND	1.93		1.51		.71		1.96		4.14		5.67	
FOXBORO	.57	-.33	.34	-.33	M .68		1.49	-.84	2.63	-.78	6.30	2.40
GORDON	1.17	.11	1.03	.22	M .73		3.07	.95	3.13	-.37	5.85	2.12
GRANTSBURG	1.12	.01	.56	-.28	1.61	-.08	2.79	.62	4.07	.55	6.28	1.79
HAYWARD RANGER STN	1.26	.10	1.41	.52	.41	-1.26	2.07	-.10	6.59	3.35	5.50	1.49
HOLCOMBE	1.32	.32	.99	.21	.57	-1.14	3.33	.62	6.48	2.83	2.04	-2.42
LUCK	1.27	.32	.79	-.01	1.05	-.65	2.46	.00	3.69	.20	4.83	.56
MINONG 5 WSW	2.35	1.22	1.08	.27	M 1.00		2.31	.17	4.75	1.27	5.88	1.99
PATTISON STATE PARK	M 1.61		M .74		M .97		M 3.80		M 2.43		M 5.84	
PORT WING	1.58	.48	1.36	.65	M .31		M 1.56		2.60	-.58	M 5.33	
RICE LAKE	1.09	.09	.81	-.01	.84	-.98	3.27	.58	5.59	2.30	3.55	-.63
ST CROIX FALLS	.73	-.18	.54	-.18	.93	-.74	3.08	.40	4.17	.76	4.22	-.24
SOLO SPRINGS	M .88		.98	.20	.81	-.92	3.19	.95	3.04	-.49	7.77	3.95
SPOONER EXPERMNT FARM	.99	.23	.93	.28	.94	-.45	3.02	.86	4.52	1.36	4.37	.52
STANLEY	M 1.91		.87	.10	.56	-1.06	3.83	1.25	4.86	1.13	2.21	-1.91
SUPERIOR	.50	-.42	M .25		M .40		2.49	.26	2.48	-.61	5.09	1.43
WEBSTER 9 SE	1.64		.83		2.81		M 2.49		5.19		3.25	
WEYERHAUSER	1.26	.13	1.04	.18	.75	-1.23	3.63	1.02	6.54	2.99	2.39	-1.71
WINTER	M .82		.60	-.14	.50	-1.22	2.42	.06	6.33	3.01	3.96	.07
--DIVISIONAL DATA----->	1.40	.35	1.10	.31	.78	-.99	2.86	.43	4.51	1.08	5.13	1.08
NORTH CENTRAL 02												
BUCKATABON	M 2.05		M 1.92		.42	-1.11	1.37	-.76	6.42	3.16	2.43	-1.06
BUTTERNUT 3 N	M 2.30		M 2.12		.60		M 1.37		M 6.42		M 2.43	
EAGLE RIVER	2.75	1.57	1.71	.87	.42	-1.21	.97	-1.18	7.31	4.00	3.37	-.10
EAU PLEINE RESERVOIR	2.51	1.53	1.02	.00	.21	-1.87	4.21	1.49	4.96	1.15	3.84	.08
GOODRICH 1 E	2.53	1.38	.83	-.17	.21	-1.82	2.42	-.04	5.31	1.80	2.40	-1.62
GURNEY	M 2.62		M 1.83		.47	-1.50	2.62	.48	3.88	.60	5.07	1.16
HURLEY	3.92		3.62		.52		2.23		4.53		3.73	
JUMP RIVER 3 E	1.52	.62	1.26	.53	.28	-1.35	1.88	-.69	7.40	4.07	2.66	-1.56
LAC VIEUX DESERT	3.27	1.95	2.22	1.12	.87	-.95	1.24	-1.02	6.16	2.50	3.30	-.93
LONG LAKE DAM	1.42	.17	1.76	.80	.41	-1.34	1.56	-.92	4.65	1.37	3.74	-.10
MADELINE ISLAND	2.48	.98	1.87	.76	M .08		2.86	.50	2.55	-1.12	5.18	1.12
MEDFORD	M 1.88		1.16	.26	.19	-1.65	2.61	.13	5.67	2.27	4.02	-.15
MELLEN 4 NE	M 2.49		2.07	1.10	.35	-1.62	2.13	-.16	4.27	.82	4.99	1.37
MERRILL	2.43	1.41	1.34	.43	.28	-1.61	1.74	-.95	6.03	2.57	2.15	-1.61
MINOCQUA DAM	2.27	1.25	1.72	.88	.62	-1.03	1.53	-.78	7.87	4.48	4.01	.26
NEILLSVILLE 3 SW	1.85	1.10	M 1.17		.44		4.82	2.11	4.93	1.67	2.60	-1.29
NORTH PELICAN	2.66	1.58	2.90	2.08	.42	-1.20	1.73	-.62	5.45	2.27	2.67	-.91
OWEN 3 W	M 2.01		M .67		.19		4.19	1.74	5.08	1.40	1.76	-2.64
PARK FALLS DNR HQ	M 1.60		1.53	.69	.21	-1.61	M 1.97		5.93	2.40	3.14	-.82
PHELPS	2.70	1.44	1.58	.63	1.26	-.39	1.06	-1.23	6.87	3.59	3.20	-.83
PRENTICE NO. 2	1.70	.80	1.66	.98	.24	-1.26	1.49	-.90	6.35	2.91	4.34	.33
REST LAKE	M .84		1.37	.47	.35	-1.23	2.19	.00	6.33	2.50	2.32	-1.70
RHINELANDER	2.30	1.23	1.46	.68	.46	-1.00	1.87	-.49	7.25	4.05	2.99	-.81
RIB FALLS	2.02	1.15	.91	.09	.18	-1.59	2.89	.29	4.55	1.00	2.72	-1.12
RICE RESRVR TOMAHAWK 2	2.42		1.19		.24		2.13		6.44		2.32	
ROSHOLT 9 NNE	M 1.52		M .73		.30		2.57	-.33	5.29	1.63	3.51	-.25
ST GERMAIN 2 E	2.74		1.71		.32		1.70		9.68		3.85	
SHELDON	1.42		1.35		.46		2.09		5.68		3.05	
SPIRIT FALLS	2.15	1.02	1.32	.40	.30	-1.70	1.63	-1.00	6.25	2.84	2.41	-1.38

WISCONSIN
1999

TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL (INCHES)

STATION	JUL		AUG		SEP		OCT		NOV		DEC		ANNUAL	
	PRECIP.	DEPART.	PRECIP.	DEPART.	PRECIP.	DEPART.	PRECIP.	DEPART.	PRECIP.	DEPART.	PRECIP.	DEPART.	PRECIP.	DEPART.
NORTHWEST 01														
AMERY	5.78	2.07	3.91	-.65	2.09	-1.82	M .99		.84	-.77	.33	-.91	M 30.77	
ASHLAND 3 S	11.22		M 3.25		7.45		M 1.20		.55		1.20			
ASHLAND EXP FARM	8.76	5.25	5.27	1.10	3.46	-.38	.65	-1.83	M 2.07		.14	-1.24	M	
BAYFIELD 6 N	5.90	2.42	3.45	-.75	3.50	-.58	1.56	-1.32	1.31	-.99	.79	-1.03	M 32.79	.47
BIG FALLS HYDRO	9.44	5.26	4.53	.08	2.19	-2.13	1.31	-1.36	1.66	-.33	.18	-1.17	33.42	.05
BLOOMER	5.40	1.70	3.19	-1.78	1.02	-3.07	.82	-1.62	.96	-.74	.29	-.88	27.42	-4.84
BRULE R S	10.58	6.70	6.84	2.43	M 4.10		M 1.78	-1.01			M			
CLAM LAKE 10 SW	8.61		M 5.71		M 4.35		M 1.37				M .59			
COUDERAY 7 W	8.71	4.49	6.57	1.95	4.77	.12	1.42	-1.83	.76	-.89	.13	-1.11	40.80	7.64
CUMBERLAND	7.65	3.59	4.24	-.20	3.23	-1.02	.89	-1.80	.94	-.83	.28	-1.12	M 33.95	
DANBURY	4.74	.73	5.34	1.15	3.24	-.17	1.04	-1.35	.48	-1.25	.17	-1.09	M 30.99	.78
DRUMMOND	11.35		5.46		3.89		1.53		1.25		.37		39.77	
FOXBORO	10.97	7.10	5.52	1.15	3.38	-.51	2.59	.10	.86	-.93	.03	-1.15	M 35.36	
GORDON	10.94	6.59	4.45	-.21	2.90	-.80	1.09	-1.52	.76	-1.06	M .24		M 35.36	
GRANTSBURG	3.88	-.04	3.67	-.68	3.16	-.58	1.08	-1.36	.67	-1.03	.38	-.94	29.27	-2.02
HAYWARD RANGER STN	6.01	1.84	6.78	2.31	3.29	-.93	1.35	-1.44	.67	-1.06	.29	-1.02	M 35.63	3.80
HOLCOMBE	5.77	2.05	4.59	.11	1.80	-2.64	1.29	-1.23	1.27	-.53	.19	-1.03	29.64	-2.85
LUCK	5.98	2.07	4.15	-.13	2.30	-1.65	1.31	-1.24	.96	-.64	.29	-.87	29.08	-2.04
MINONG 5 WSW	3.79	-.43	3.69	-.60	.94	-2.61	.04	-2.40	.45	-1.26	.51	-.77	M 26.79	
PATTISON STATE PARK	M 10.54		5.88		4.97		M 2.15		1.60		M .10		M	
PORT WING	M 9.01		4.01	.23	M 5.00		M 1.44				.29	-1.01		
RICE LAKE	8.34	4.38	4.89	.45	4.08	-.21	1.08	-1.54	1.33	-.35	.40	-.89	35.27	3.19
ST CROIX FALLS	5.11	1.54	4.08	-.47	2.08	-1.57	.99	-1.55	.61	-.83	M .15		M 26.69	
SOLOM SPRINGS	14.95	10.66	5.35	1.03	3.86	.31	1.62	-1.02	.83	-1.03	.26	-.90	M 43.54	
SPOONER EXPERMNT FARM	7.13	3.37	5.44	1.17	3.72	-.10	1.22	-1.31	.69	-.80	.23	-.73	33.20	4.40
STANLEY	8.76	4.84	6.26	2.13	1.19	-2.72	1.07	-1.25	1.43	-.39	.31	-1.00	M 33.26	
SUPERIOR	8.53	5.04	4.67	.68	4.89	.97	3.09	.80	.72	-.91	M .03		M 33.14	
WEBSTER 9 SE	6.75		4.51		3.50		1.23		.56		.27			
WEYERHAUSER	8.73	4.56	5.57	1.37	1.93	-2.57	1.48	-1.29	1.29	-.47	.30	-1.00	34.91	1.98
WINTER	7.36	2.94	4.84	.40	3.41	-1.03	1.35	-1.50	.55	-1.23	.18	-1.09	M 32.32	
--DIVISIONAL DATA----->	7.94	4.02	4.91	.58	3.18	-.83	1.31	-1.28	.94	-.84	.33	-.95	34.39	2.96
NORTH CENTRAL 02														
BUCKATABON	10.63	7.15	3.56	-.52	2.34	-1.45	1.92	-.66	1.54	-.43	.78	-.70	M 35.38	
BUTTERNUT 3 N	M		M		M		M		M		.91			
EAGLE RIVER	7.38	3.80	2.56	-1.66	1.97	-1.99	2.23	-.24	1.92	-.08	.84	-.56	33.43	3.22
EAU PLEINE RESERVOIR	8.99	5.05	2.34	-1.69	1.18	-3.21	1.21	-1.28	1.57	-.54	.50	-1.01	32.54	-.30
GOODRICH 1 E	9.74	6.02	2.98	-1.12	1.42	-3.03	1.14	-1.36	1.21	-.78	.55	-.99	30.74	-1.73
GURNEY	9.84	5.94	5.36	1.07	3.02	-1.27	1.34	-2.03	2.00	-.52	1.07	-.88	M 39.12	
HURLEY	8.79		2.69		3.57		1.47		M 1.79		M 1.63		M 38.49	
JUMP RIVER 3 E	10.84	6.66	3.60	-.59	1.98	-2.38	1.33	-1.20	1.07	-.76	.19	-1.07	34.01	2.28
LAC VIEUX DESERT	8.76	5.11	3.23	-1.15	1.99	-2.09	2.34	-.54	M 1.60		1.28	-.42	M 36.26	
LONG LAKE DAM	5.64	2.16	2.22	-2.23	1.93	-2.19	2.15	-.55	2.05	-.17	.91	-.70	28.44	-3.70
MADELINE ISLAND	8.67	5.29	3.50	-.78	3.21	-.44	1.29	-1.45	1.76	-.30	1.28	-.44	M 34.73	
MEDFORD	7.84	4.13	2.65	-1.63	1.92	-2.56	1.43	-.94	1.01	-.80	.48	-.93	M 30.86	
MELLEN 4 NE	9.48	5.70	4.15	.11	3.20	-.76	1.51	-1.53	1.44	-1.07	M .70		M 36.78	
MERRILL	8.39	4.59	3.79	-.22	1.71	-2.77	1.46	-1.15	1.48	-.58	1.26	-.26	32.06	-.15
MINOCQUA DAM	6.90	3.26	3.29	-1.19	1.69	-2.29	1.86	-.70	1.18	-.86	.80	-.57	33.74	2.71
NEILLSVILLE 3 SW	M 11.85		3.99	-.20	1.45	-2.73	1.09	-1.17	1.59	-.10	M .38		M	
NORTH PELICAN	7.39	3.66	2.76	-1.38	1.40	-2.59	1.53	-.93	1.25	-.71	.79	-.66	M 30.95	.59
OWEN 3 W	9.57	5.34	2.89	-1.54	1.66	-2.71	1.20	-1.31	1.27	-.60	M .29		M	
PARK FALLS DNR HQ	9.46	5.73	3.60	-.81	3.56	-.45	1.59	-1.26	1.33	-.68	.25	-1.25	M 34.17	
PHELPS	8.67	5.19	3.34	-1.25	2.06	-2.01	2.26	-.53	1.20	-1.09	M .84		M 35.04	
PRENTICE NO. 2	8.89	5.16	3.84	-.38	1.83	-2.46	M 1.44		.96	-.76	.49	-.71	M 33.23	
REST LAKE	8.07	4.12	3.20	-1.42	2.45	-1.66	1.64	-1.23	1.01	-1.03	.53	-1.01	M 30.30	
RHINELANDER	7.88	4.44	2.79	-1.55	1.78	-2.47	1.94	-.62	1.55	-.33	.76	-.66	33.03	2.47
RIB FALLS	10.15	6.60	3.07	-1.34	1.63	-2.81	1.43	-1.09	1.61	-.35	.58	-.72	31.74	.11
RICE RESRVR TOMAHAWK 2	7.11		3.00		2.12		1.48		1.27		1.12		30.84	
ROSHOLT 9 NNE	6.15	2.28	2.26	-1.94	1.05	-3.16	1.00	-1.63	1.24	-.95	.49	-1.00	M 26.11	
ST GERMAIN 2 E	7.17		3.36		2.47		1.88		1.20		M .98		M 37.06	
SHELDON	7.45		5.57		M .90				1.22		.21			
SPIRIT FALLS	7.27	3.68	3.14	-.71	1.36	-3.08	.95	-1.62	1.10	-1.10	.79	-.72	28.67	-3.37

WISCONSIN
1999

TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL (INCHES)

STATION	JAN		FEB		MAR		APR		MAY		JUN	
	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE
STRATFORD 1 NW	1.25	.22	.68	-.20	.09	-1.79	3.62	.79	3.45	-.33	3.34	-.79
SUGAR CAMP	2.19	1.16	1.47	.69	.45	-1.09	M 1.36		9.23	5.85	3.72	.00
UPSON	5.47		2.97		1.31		2.10		4.79		4.86	
WAUSAU FAA AIRPORT	2.21	1.27	1.07	.20	.24	-1.72	2.87	.12	5.81	2.19	3.36	-.65
WILLOW RESERVOIR	M 2.11		1.58	.76	.60	-.99	1.76	-.51	6.51	3.29	4.32	.50
--DIVISIONAL DATA----->	2.33	1.22	1.72	.84	.37	-1.37	2.26	-1.14	5.87	2.46	3.46	-.45
NORTHEAST 03												
ANTIGO	1.59	.71	.80	-.02	.11	-1.67	1.49	-1.08	4.91	1.64	3.97	.14
BOWLER	1.75	.83	1.12	.15	.20	-1.72	2.39	-.38	4.91	1.41	4.62	1.04
CRIVITZ HIGH FALLS	2.49	1.48	1.57	.68	.33	-1.52	2.13	-.36	4.60	1.11	4.30	.60
FLORENCE	1.73		1.33		.18		1.74		5.80		4.13	
GOODMAN	M		1.90	.96	.30	-1.58	M .60		5.73	2.44	6.64	3.02
HILES	M 2.20		M 1.92		M		M		4.96		5.37	
LAKEWOOD 3 NE	2.85		1.39		.29		2.00		4.76		2.66	
LAONA 6 SW	3.01	1.96	1.44	.56	.43	-1.48	1.60	-.93	5.54	2.20	6.20	2.41
MARINETTE	M 3.52		M 1.50		1.67	-.61	1.83	-.99	3.55	.06	4.41	.77
OCONTO 4 W	M 4.11		2.33	1.17	.27	-1.81	1.74	-.68	3.26	-.02	3.25	-.33
PESHTIGO	M 1.91		M 1.52		.26		1.91		5.48		3.08	
SHAWANO 2 SSW	2.44	1.20	1.24	.16	.14	-1.79	1.85	-.89	3.88	.31	2.76	-.82
SUMMIT LAKE	2.73	1.45	1.51	.51	.38	-1.58	M 1.23		6.22	2.79	4.04	.15
SURING	2.50	1.28	.95	-.09	.20	-1.90	1.64	-1.20	3.95	.37	2.83	-1.04
WAUSAUKEE	M 2.46		1.39	.41	.20	-1.74	1.92	-.73	4.91	1.41	4.78	1.22
WHITE LAKE 3 NE	2.86		1.23		.25		1.71		5.35		2.46	
--DIVISIONAL DATA----->	2.30	1.12	1.41	.40	.37	-1.59	1.84	-.76	4.63	1.22	4.16	.45
WEST CENTRAL 04												
ALMA DAM 4	1.50	.61	.34	-.30	1.03	-.78	8.16	5.26	6.59	2.89	6.43	2.14
BALDWIN	1.82	.86	.69	-.17	1.29	-.57	3.18	.47	5.06	1.56	3.62	-.80
BLACK RIVER FALLS SEWA	1.91		.81		.64		6.34		5.14		3.29	
BLAIR	1.42	.52	4.08	3.23	.37	-1.63	6.36	3.42	6.58	2.78	1.87	-2.16
CASHTON	2.01	1.05	1.68	.69	.31	-1.69	5.96	2.83	4.64	1.01	2.15	-1.83
CEDAR FALLS HYDRO PLT	2.24	1.09	1.31	.46	1.06	-1.00	4.22	1.29	5.27	1.70	2.95	-1.44
DURAND	1.92		M		1.25		6.52		4.24		4.68	
EAU CLAIRE FAA AIRPORT	1.68	.70	1.03	.31	.65	-1.05	5.20	2.37	5.96	2.15	3.87	-.32
ELLSWORTH 1 E	1.97	.98	.88	.05	1.17	-.76	4.16	1.11	5.93	2.02	4.96	.58
FAIRCHILD RANGER STA	M 1.80		.94	.09	M .43		5.31	2.44	4.76	1.18	1.58	-2.50
GALESVILLE	M 1.97		.77	.00	.52	-1.27	7.52	4.64	5.06	1.21	2.59	-1.56
LA CROSSE 4 NNW	2.23		.83		.49		6.56		4.75		2.30	
LA CROSSE FAA AIRPORT	2.84	1.91	.78	-.12	.60	-1.38	6.02	3.14	4.37	1.11	2.43	-1.47
MATHER 3 NW	1.37	.28	1.20	.28	.31	-1.98	4.97	2.07	2.98	-.57	4.05	.13
MENOMONIE	1.60	.78	1.14	.54	1.17	-.39	4.41	1.79	4.99	1.69	2.87	-1.33
MONDOVI	M 1.58		.88	.05	M .90		7.44	4.46	5.53	1.62	4.37	.58
RIDGELAND 1 NNE	M 1.79		.90	.05	1.28	-.62	4.00	1.36	5.25	1.74	4.17	-.25
RIVER FALLS	M 1.33		M .70		2.07	.49	3.00	.38	4.69	.96	2.44	-1.92
SPARTA	M		M .34		M .00		4.84	1.84	6.44	2.66	2.21	-1.77
SPRING VALLEY	1.76	.84	.92	.14	1.56	-.26	4.00	1.16	5.11	1.77	3.65	-.83
TREMPEALEAU DAM 6	M 1.50		.55	-.32	M .75		5.87	2.93	3.97	.19	2.42	-1.54
--DIVISIONAL DATA----->	1.80	.84	1.20	.35	.90	-1.07	5.41	2.52	5.19	1.51	3.27	-.83
CENTRAL 05												
BABCOCK 1 WNW	M 2.48		.96		M .20		4.44		2.79		4.67	
CLINTONVILLE	2.24	1.04	1.29	.26	.19	-2.03	2.40	-.19	3.45	-.09	4.36	.93
DALTON	3.05	1.97	1.16	.12	.54	-1.60	5.28	2.49	4.33	1.02	4.60	.84
HANCOCK EXP FARM	M 2.07		1.65	.75	.32	-1.71	5.94	3.36	3.33	.06	3.67	.03
MARSHFIELD EXP FARM	1.86	.94	.96	.06	.24	-1.76	5.73	2.84	3.47	-.64	1.84	-2.19
MAUSTON 1 SE	2.26	1.28	1.18	.17	.37	-1.82	5.89	2.74	3.39	-.14	M 2.27	
MONTELLO	M 2.60		1.27	.16	.36	-1.96	5.40	2.32	3.84	.57	5.58	1.90
NECEDAH	1.25	.40	1.22	.28	M .23		3.48	.72	2.80	-.79	2.14	-1.39
NEW LONDON	M 2.51		M 1.31		M .30		2.81	.18	3.24	-.14	5.22	1.63
STEVENS POINT	1.90	.92	.97	.00	.19	-1.93	3.93	1.21	3.86	.13	4.36	.96
WAUPACA	2.35	1.17	M 1.25		M .26		2.76	-.03	3.82	.04	3.89	.16
WISCONSIN RAPIDS	M 1.82		1.18	.16	.13	-2.02	4.82	2.04	4.56	.90	3.47	-.33
WISCONSIN RAPIDS GRND AV	2.15	1.16	1.05	.10	.29	-1.82	4.76	1.97	4.43	.71	2.83	-1.14
--DIVISIONAL DATA----->	2.13	1.11	1.21	.20	.29	-1.86	4.40	1.61	3.64	.04	3.91	.22

WISCONSIN
1999

TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL (INCHES)

STATION	JUL		AUG		SEP		OCT		NOV		DEC		ANNUAL	
	PRECIP.	DEPART.	PRECIP.	DEPART.	PRECIP.	DEPART.	PRECIP.	DEPART.	PRECIP.	DEPART.	PRECIP.	DEPART.	PRECIP.	DEPART.
STRATFORD 1 NW	8.78	4.81	2.64	-1.46	1.53	-2.85	1.56	-.88	2.17	.13	.42	-.94	29.53	-3.29
SUGAR CAMP	7.04	3.45	2.69	-1.58	2.05	-2.03	1.87	-.75	1.42	-.46	.81	-.55	M 34.30	
UPSON	8.31		3.44		4.01		1.97		1.75		M 1.96		M 42.94	
WAUSAU FAA AIRPORT	8.70	4.81	2.41	-1.97	1.28	-3.05	1.65	-.99	1.31	-.69	.71	-.72	M 31.62	-1.20
WILLOW RESERVOIR	7.35	3.83	2.77	-1.51	2.07	-2.04	1.56	-.95	1.22	-.63	M .55		M 32.40	
--DIVISIONAL DATA----->	8.17	4.40	3.21	-1.11	2.15	-2.02	1.55	-1.13	1.39	-.62	.76	-.70	33.24	1.38
NORTHEAST 03														
ANTIGO	10.11	6.43	3.37	-.79	1.38	-3.02	1.13	-1.41	.97	-1.11	.45	-.91	30.28	-1.09
BOWLER	7.25	3.63	1.08	-2.76	.99	-3.13	.77	-1.81	1.30	-.80	M .99		M 27.37	
CRIVITZ HIGH FALLS	7.65	4.54	2.18	-1.53	1.10	-2.72	M		M 1.45		M 1.06			
FLORENCE	11.35		3.19		2.12		1.92		.96		.76		35.21	
GOODMAN	9.66	6.25	4.59	.99	2.11	-1.75	1.00	-1.61	T .00	-2.06	M .00			
HILES	7.79		2.82		2.38		1.93		M .96		M .91			
LAKEWOOD 3 NE	7.49		1.68		1.45		1.56		1.44		.88		28.45	
LAONA 6 SW	8.92	5.57	2.64	-1.06	1.61	-2.38	1.65	-.94	1.21	-.83	.98	-.49	35.23	4.59
MARINETTE	6.06	2.79	3.57	.33	1.74	-1.88	.80	-1.56	1.19	-1.39	M .84		M 30.68	
OCONTO 4 W	6.89	3.47	1.31	-2.07	1.28	-2.23	.60	-1.72	1.46	-.89	1.06	-.70	M 27.56	
PESHTIGO	4.84		2.12		1.51		.68		1.07		M .34		M 24.72	
SHAWANO 2 SSW	7.19	3.69	1.50	-2.14	1.09	-2.88	1.52	-1.04	1.45	-.78	.65	-.88	25.71	-5.86
SUMMIT LAKE	10.00	6.38	4.21	.06	2.12	-2.66	1.50	-1.22	M 1.28		.88	-.84	M 36.10	
SURING	7.16	3.82	2.16	-1.66	1.41	-2.55	.79	-1.74	1.22	-1.17	.61	-1.08	25.42	-6.96
WAUSAUKEE	6.25	3.01	3.11	-.43	1.21	-2.44	1.42	-1.11	1.20	-1.05	.66	-.97	M 29.51	
WHITE LAKE 3 NE	7.17		3.15		1.11		1.27		1.29		.60		28.45	
--DIVISIONAL DATA----->	8.16	4.78	2.48	-1.26	1.48	-2.47	1.17	-1.36	1.12	-1.07	.77	-.84	29.89	-1.38
WEST CENTRAL 04														
ALMA DAM 4	10.37	5.70	4.90	.98	2.33	-1.69	2.55	-.05	1.80	.06	.36	-.72	46.36	14.10
BALDWIN	4.21	.24	4.43	.27	1.93	-2.03	1.19	-1.17	1.00	-.55	.31	-.80	28.73	-2.69
BLACK RIVER FALLS SEWA	8.71		2.18		.85		1.05		1.73		.41		33.06	
BLAIR	9.93	5.54	2.40	-2.08	1.12	-3.08	.96	-1.70	1.41	-.42	.31	-.96	36.81	3.46
CASHTON	8.44	4.13	2.02	-2.52	1.31	-3.12	1.67	-.97	1.75	-.34	.60	-.74	32.54	-1.50
CEDAR FALLS HYDRO PLT	5.17	1.16	M .92		1.64	-2.34	1.17	-1.37	1.06	-.70	.48	-.84	M 27.49	
DURAND	6.93		3.44		1.24		1.12		1.26		M .43			
EAU CLAIRE FAA AIRPORT	4.26	.32	3.59	-.90	1.00	-2.90	.93	-1.50	1.05	-.47	.37	-.73	29.59	-2.02
ELLSWORTH 1 E	5.67	1.33	4.56	.54	1.21	-2.74	1.40	-1.16	1.16	-.71	.30	-.96	33.37	.28
FAIRCHILD RANGER STA	10.71	6.49	2.69	-1.41	1.44	-2.92	M 1.01		1.23	-.69	.45	-.96	M 32.35	
GALESVILLE	9.17	4.94	2.38	-2.09	1.79	-2.51	1.34	-1.02	1.52	-.23	M .29		M 34.92	
LA CROSSE 4 NNW	9.17		2.17		2.69		1.54		1.50		.31		34.54	
LA CROSSE FAA AIRPORT	8.42	4.63	2.19	-1.73	2.39	-1.40	1.43	-.77	1.50	-.23	.67	-.60	33.64	3.09
MATHER 3 NW	15.84	11.77	4.14	-.07	1.56	-2.76	1.31	-1.09	1.98	-.16	.74	-.83	40.45	7.07
MENOMONIE	5.44	1.75	2.98	-.89	2.35	-1.40	1.33	-1.02	1.28	-.20	.41	-.62	29.97	.70
MONDOVI	9.55	5.30	3.25	-.56	1.32	-2.82	.96	-1.57	1.09	-.71	.36	-.91	M 37.23	
RIDGELAND 1 NNE	5.01	1.14	4.79	.21	3.05	-1.01	.83	-1.72	1.55	-.06	M			
RIVER FALLS	5.23	1.30	4.39	.27	1.79	-1.76	1.49	-.87	.94	-.48	.51	-.51	M 28.58	
SPARTA	9.40	5.32	1.67	-2.48	2.12	-2.13	1.97	-.40	1.68	-.28	M .33			
SPRING VALLEY	4.97	1.09	1.77	-2.21	2.89	-.92	1.19	-1.28	1.18	-.38	.40	-.68	29.40	-1.56
TREMPEALEAU DAM 6	9.20	5.06	3.48	-.65	2.02	-2.24	1.64	-.78	1.65	-.16	.36	-.86	M 33.41	
--DIVISIONAL DATA----->	8.39	4.24	3.36	-.81	1.79	-2.28	1.42	-1.06	1.43	-.36	.45	-.82	34.61	2.23
CENTRAL 05														
BABCOCK 1 WNW	12.88		3.08		1.37		1.05		1.55		.63		M 36.10	
CLINTONVILLE	6.88	3.34	1.21	-2.52	1.07	-2.70	1.49	-.93	1.30	-.86	.47	-1.14	26.35	-4.89
DALTON	13.77	10.48	2.09	-1.52	1.50	-2.61	1.08	-1.30	.99	-1.15	.84	-.70	39.23	8.04
HANCOCK EXP FARM	10.66	7.06	4.47	.55	1.26	-2.93	2.43	.15	1.38	-.54	.62	-.54	M 37.80	
MARSHFIELD EXP FARM	8.27	4.26	3.70	-.36	1.44	-3.06	1.19	-1.53	1.81	-.24	.36	-1.09	30.87	-2.77
MAUSTON 1 SE	8.42	4.73	3.12	-1.00	1.02	-3.36	2.00	-.43	1.33	-.88	.55	-.93	M 31.80	
MONTELLO	10.75	7.39	2.88	-.89	1.73	-2.45	1.41	-.96	1.25	-.97	M .91		M 37.98	
NECEDAH	13.45	9.63	4.14	-.07	.99	-3.26	1.87	-.47	1.75	-.17	1.38	.11	M 34.70	
NEW LONDON	5.70	2.19	2.25	-1.42	1.66	-1.96	1.78	-.54	1.04	-1.02	M .40		M	
STEVENS POINT	8.66	4.66	3.02	-.93	.99	-3.17	1.12	-1.28	1.40	-.67	M .55		M 30.95	
WAUPACA	6.73	2.72	2.16	-1.60	1.09	-2.98	1.70	-.76	1.53	-.67	M .88		M 28.42	
WISCONSIN RAPIDS	9.57	5.48	4.20	.32	.98	-3.03	1.22	-1.34	1.41	-.49	.52	-.95	M 33.88	
WISCONSIN RPDS GRND AV	9.59	5.61	4.06	.43	.88	-3.36	1.21	-1.31	1.48	-.53	.48	-.92	33.21	.90
--DIVISIONAL DATA----->	9.35	5.62	3.02	-.87	1.25	-2.87	1.57	-.85	1.38	-.70	.68	-.77	32.83	.88

WISCONSIN
1999

TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL (INCHES)

STATION	JAN		FEB		MAR		APR		MAY		JUN	
	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE
EAST CENTRAL 06												
APPLETON	2.50	1.38	M 1.00		.16	-2.01	2.76	-.02	3.90	.71	5.22	1.58
BRILLION	3.00	1.98	1.18	.36	.37	-1.44	2.81	.33	6.54	3.62	4.76	1.03
CHILTON	3.68	2.37	1.33	.14	.56	-1.64	2.59	-.20	4.71	1.49	9.14	5.49
FOND DU LAC	2.11	1.14	.99	.09	.11	-1.66	4.67	2.09	4.98	1.91	2.87	-.62
GREEN BAY AUSTIN STRAU R	2.37	1.22	1.10	.07	.15	-1.90	2.11	-.29	3.77	.95	3.98	.59
GREEN BAY BOTANICAL												
KEWAUNEE 3 NW	M 2.55		1.08	-.18	.20	-1.98	1.96	-.75	4.16	1.24	3.45	.17
MANITOWOC	M 5.04		1.83	.64	.12	-1.87	1.94	-.71	5.04	2.22	5.46	2.33
OSHKOSH	2.44	1.21	.95	-.13	.10	-2.15	3.33	.48	4.18	1.03	6.89	3.60
PLYMOUTH	M 3.19		.77	-.42	.75	-1.69	4.54	1.19	4.67	1.08	6.18	2.55
RIPON 5 NE	1.63	.53	.91	-.15	.26	-1.86	4.20	1.47	3.92	.73	3.78	.23
SEYMOUR	3.39		M .89		.41		3.16		3.00		5.52	
SHEBOYGAN	M		M .70		.73	-1.57	3.98	1.17	M 4.77		5.44	2.25
STURGEON BAY EXP FARM	4.26	2.73	1.36	.23	M .45		1.64	-1.01	3.68	.56	4.67	1.36
TWO RIVERS	M		M .35		.48	-1.89	2.88	.18	5.41	2.64	5.31	2.36
WASHINGTON ISLAND	M 4.06		M 1.02		.06	-1.53	1.86	-.28	3.57	.75	3.45	.05
--DIVISIONAL DATA----->	2.97	1.70	1.18	.08	.32	-1.78	2.87	.17	4.43	1.40	5.17	1.79
SOUTHWEST 07												
BARABOO	M 2.24		1.17	.25	.52	-1.49	7.90	4.91	3.77	.65	4.96	1.23
BLANCHARDVILLE NO 2	1.86	.72	.80	-.41	M .70		7.06	4.02	4.41	.95	3.93	-.12
CUBA CITY 2 NW	M 1.97		M 1.00		M .15		7.30		8.29		5.83	
DARLINGTON	M		M .00		M .00		9.40	6.30	6.40	2.96	5.69	1.34
GAYS MILLS	2.05		M 1.13		.64		7.81		4.73		M	
GENOA DAM 8	M 2.13		1.95	1.16	.54	-1.24	6.93	3.76	5.89	2.61	3.02	-.82
HILLSBORO	2.37	1.54	1.24	.27	.55	-1.42	6.86	3.89	3.56	.07	2.69	-1.21
LA FARGE	2.38		1.05		.48		6.86		4.32		2.35	
LANCASTER 4 WSW	1.21	.37	.87	-.06	.76	-1.40	8.27	5.26	M 6.08		4.23	.16
LYNXVILLE DAM 9	2.10	1.25	1.17	.23	.65	-1.27	6.76	3.50	5.59	1.91	4.76	1.14
MUSCODA	1.78	.77	1.57	.41	.51	-1.63	6.21	3.20	4.54	1.06	3.88	.10
ONTARIO 1 SSE	2.47		1.77		.44		6.86		4.08		2.67	
PLATTEVILLE	1.94	.97	1.13	.06	.72	-1.51	6.20	2.96	6.01	2.37	5.47	.89
PRAIRIE DU CHIEN	1.64	.71	.92	-.22	.58	-1.41	6.73	3.70	5.30	1.74	2.86	-.62
PRAIRIE DU SAC 2 N	2.23	1.24	1.67	.68	.80	-1.20	8.31	5.62	2.78	-.32	4.32	.75
READSTOWN	1.70	.64	1.10	.01	.40	-1.66	8.00	4.83	5.45	1.88	3.80	.27
RICHLAND CENTER	2.60	1.57	1.00	-.12	.47	-1.74	11.82	8.43	4.18	.47	5.14	1.29
ROCK SPRINGS 3 SW	M 2.95		1.05		.65		10.00		6.40		3.41	
VIROQUA 2 S	M 3.51		.80	-.05	M .08		7.74	4.62	5.00	1.65	1.36	-2.37
WESTBY	2.14	1.45	1.11	.25	.68	-1.16	6.67	3.69	M 5.15		M 2.00	
--DIVISIONAL DATA----->	2.02	1.08	1.18	.17	.63	-1.42	8.06	4.97	4.97	1.57	3.99	.15
SOUTH CENTRAL 08												
AFTON	2.64		1.03		.50		7.32		2.55		4.53	
ARBORETUM UNIV WIS	M 3.00		M 1.89		.71		7.85		4.29		4.67	
ARLINGTON UNIV FARM	2.81	1.84	1.20	.25	.60	-1.31	5.95	3.11	3.92	.79	5.29	1.49
BEAVER DAM	3.28	2.13	.72	-.43	.55	-1.58	7.57	4.45	3.68	.56	5.78	2.18
BELOIT	3.10	1.93	1.44	.38	.57	-1.70	7.77	4.64	3.23	.18	5.15	1.38
BLUE MOUNDS 6 SSE	2.23	1.14	.85	-.26	.65	-1.80	6.88	3.99	4.19	.92	5.12	1.34
BRODHEAD	2.65	1.50	M .94		.55	-1.78	7.08	3.78	4.37	1.08	5.33	1.31
CHARMANY FARM	3.13	2.23	M 1.03		1.01	-.99	8.04	4.94	4.34	1.14	3.91	-.08
CLINTON	2.08	.96	.86	-.19	.21	-2.17	6.83	3.27	3.01	-.13	5.35	1.55
FORT ATKINSON	3.01	1.74	.83	-.35	.48	-1.82	6.72	3.52	4.46	1.37	4.66	.98
HORICON	2.26	1.29	1.02	.02	.27	-1.77	7.24	4.32	4.42	1.49	5.30	1.76
LAKE MILLS	2.58	1.29	.75	-.38	.33	-1.97	8.88	5.83	5.77	2.60	8.59	5.08
MADISON WSO AIRPORT //R	2.10	1.03	.91	-.17	.47	-1.70	6.91	4.05	3.72	.58	5.57	1.91
MARTINTOWN 2 E	1.86	.93	M		.00		3.29	.18	2.28	-1.23	6.49	2.57
MONROE 1 W	2.88	1.75	1.18	-.02	.70	-1.73	7.57	4.13	4.45	.71	9.82	5.94
PORTAGE	3.21	2.19	1.82	.73	.55	-1.63	7.88	4.90	3.33	.13	4.45	.63
STOUGHTON	M 3.15		1.11	.05	M .55		7.85	4.67	6.84	3.61	5.07	1.33
WATERTOWN	2.23	1.05	M .77		.35	-1.90	6.12	3.17	4.94	2.09	5.91	2.15
WISCONSIN DELLS	M		1.92	1.03	M .52		6.52	3.55	3.46	.05	4.37	.47
--DIVISIONAL DATA----->	2.75	1.65	1.16	.08	.53	-1.67	7.31	4.24	4.22	1.07	5.24	1.47
SOUTHEAST 09												

WISCONSIN
1999

TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL (INCHES)

STATION	JUL		AUG		SEP		OCT		NOV		DEC		ANNUAL	
	PRECIP.	DEPART.	PRECIP.	DEPART.	PRECIP.	DEPART.	PRECIP.	DEPART.	PRECIP.	DEPART.	PRECIP.	DEPART.	PRECIP.	DEPART.
EAST CENTRAL 06														
APPLETON	4.63	1.42	2.85	-.89	.66	-3.00	.79	-1.66	1.17	-1.00	.91	-.63	M 26.55	
BRILLION	4.40	1.16	2.25	-1.17	2.10	-1.31	.88	-1.59	.73	-1.31	.97	-.35	29.99	1.31
CHILTON	5.08	1.74	2.81	-.95	2.61	-1.31	.65	-1.90	.75	-1.51	1.29	-.40	35.20	3.32
FOND DU LAC	8.12	4.89	1.86	-2.09	2.16	-1.59	.69	-1.67	.72	-1.14	1.11	-.35	30.39	1.00
GREEN BAY AUSTIN STRAU R	5.67	2.57	1.32	-2.18	1.24	-2.23	.67	-1.56	1.57	-.59	.83	-.70	24.78	-4.05
GREEN BAY BOTANICAL													1.00	
KEWAUNEE 3 NW	M 6.36		M 1.82		3.06	-.46	M .90		M 1.25		.87	-.91		
MANITOWOC	4.06	1.05	2.55	-.75	2.43	-.94	.59	-1.68	1.25	-1.07	1.20	-.61	M 31.51	
OSHKOSH	5.56	2.28	4.01	.13	1.50	-2.32	.70	-1.67	1.19	-1.11	.87	-.78	31.72	.57
PLYMOUTH	6.48	2.84	2.55	-1.78	2.52	-2.13	.72	-2.23	.62	-2.18	M 1.48		M 34.47	
RIPON 5 NE	10.14	6.54	2.67	-1.07	1.35	-2.44	.71	-1.65	1.40	-.64	.91	-.65	M 31.88	1.04
SEYMOUR	4.96		1.22		1.16		.78		1.49		M .80		M 26.78	
SHEBOYGAN	M 5.70		3.43	-.15	2.46	-1.46	.75	-1.82	.66	-1.67	1.78	-.23		
STURGEON BAY EXP FARM	5.29	1.93	2.13	-1.29	1.99	-1.89	.62	-2.04	.83	-1.62	1.18	-.71	M 28.10	
TWO RIVERS	4.44	1.79	2.25	-.96	2.41	-1.16	1.07	-1.23	.71	-1.52	1.31	-.58		
WASHINGTON ISLAND	7.26	4.49	3.20	-.12	1.86	-1.57	.99	-1.72	.70	-1.73	.97	-.63	M 29.00	
--DIVISIONAL DATA----->	5.50	2.36	2.49	-1.14	2.01	-1.74	.76	-1.73	.95	-1.34	1.10	-.62	29.75	-.85
SOUTHWEST 07														
BARABOO	7.28	3.76	3.78	-.38	1.59	-2.32	2.15	-.21	1.28	-.88	M .72		M 37.36	
BLANCHARDVILLE NO 2	8.10	4.13	2.15	-1.78	1.62	-2.24	1.08	-1.44	.89	-1.36	.98	-.74	M 33.58	
CUBA CITY 2 NW	4.58		2.77		1.94		1.12		.67		.63		M 36.25	
DARLINGTON	6.91	2.75	3.18	-.97	1.74	-2.46	1.00	-1.42	1.05	-1.15	M .64			
GAYS MILLS	9.50		2.41		1.20		1.28		2.39		.71			
GENOA DAM 8	9.48	5.22	3.80	-.09	3.40	-.46	1.76	-.59	1.84	-.02	.67	-.52	M 41.41	
HILLSBORO	7.93	4.20	2.69	-1.35	1.12	-3.04	1.72	-.66	1.56	-.43	.49	-.77	32.78	1.09
LA FARGE	8.52		3.38		1.23		1.37		2.39		.77		35.10	
LANCASTER 4 WSW	5.36	1.37	M 2.52		1.70	-2.14	1.55	-.92	1.52	-.62	.79	-.55	M 34.86	
LYNXVILLE DAM 9	8.02	4.24	2.71	-1.39	1.03	-2.46	.92	-1.40	1.88	-.01	.78	-.55	36.37	5.19
MUSCODA	6.86	3.29	2.18	-2.08	1.67	-2.16	2.54	.14	1.15	-1.07	.42	-1.07	33.31	.96
ONTARIO 1 SSE	8.41		2.84		.94		1.83		2.08		.60		34.99	
PLATTEVILLE	10.78	6.37	2.14	-1.95	2.02	-2.04	1.18	-1.41	.72	-1.52	.91	-.64	39.22	4.55
PRAIRIE DU CHIEN	6.41	2.91	3.37	-.58	1.07	-2.25	.87	-1.46	2.02	.06	1.23	-.18	33.00	2.40
PRAIRIE DU SAC 2 N	4.57	1.07	3.96	.11	1.64	-2.20	1.20	-1.03	1.09	-.84	.96	-.51	33.53	3.37
READSTOWN	9.80	6.25	2.90	-1.02	1.20	-2.96	1.20	-1.04	2.50	.49	.80	-.67	38.85	7.02
RICHLAND CENTER	12.35	8.42	3.43	-.51	1.66	-2.46	2.04	-.31	1.12	-1.19	.78	-.76	46.59	13.09
ROCK SPRINGS 3 SW	9.58		M 2.10		1.75		1.55		1.57		M .55		M 41.56	
VIROQUA 2 S	10.73	6.56	2.58	-1.58	1.54	-2.61	1.76	-.52	1.90	.24	.19	-.99	M 37.19	
WESTBY	8.63	4.33	2.23	-2.07	1.57	-2.87	1.66	-.58	1.86	.04	.56	-.61	M 34.26	
--DIVISIONAL DATA----->	8.38	4.52	3.10	-.97	1.65	-2.28	1.46	-.89	1.53	-.52	.75	-.67	37.72	5.71
SOUTH CENTRAL 08														
AFTON	4.81		2.53		3.79		1.03		.65		1.51		32.89	
ARBORETUM UNIV WIS	6.32		2.72		1.99		.95		1.32		M 1.15		M 36.86	
ARLINGTON UNIV FARM	3.43	.01	2.53	-1.35	1.41	-2.87	1.38	-1.00	1.30	-.84	1.00	-.44	30.82	-.32
BEAVER DAM	8.45	4.93	1.39	-2.03	2.25	-1.89	1.15	-1.31	.60	-1.57	M .60			
BELoit	5.62	1.73	3.66	-.36	4.24	.27	.70	-1.68	.87	-1.64	M 2.13		M 38.48	
BLUE MOUNDS 6 SSE	5.50	1.18	2.13	-2.22	1.49	-2.46	1.10	-1.43	1.26	-.95	.93	-.93	32.33	-1.48
BRODHEAD	5.06	1.18	3.04	-1.02	2.76	-1.10	.94	-1.75	1.18	-.97	1.36	-.47	M 35.26	
CHARMANY FARM	5.01	1.50	2.60	-1.11	1.78	-1.93	.86	-1.44	1.39	-.68	.77	-.69	M 33.87	
CLINTON	3.68	-.34	2.85	-1.39	4.21	.21	.66	-1.87	1.73	-.80	M 1.25		M 32.72	
FORT ATKINSON	3.42	-.58	1.96	-1.72	3.98	.22	.78	-1.76	1.31	-1.04	1.48	-.34	33.09	.22
HORICON	10.97	7.29	1.27	-2.45	3.21	-1.03	1.24	-1.35	1.66	-.38	1.80	-.24	40.66	9.43
LAKE MILLS	4.83	.98	2.65	-1.40	3.12	-.77	.93	-1.46	1.20	-1.08	M 1.68		M 41.31	
MADISON WSO AIRPORT //R	4.49	1.10	3.26	-.78	1.55	-1.82	.88	-1.29	1.21	-.88	.86	-.98	31.93	1.05
MARTINTOWN 2 E	6.66	2.97	.96	-3.17	2.06	-2.05	.41	-2.15	.60	-1.58	.74	-.88		
MONROE 1 W	4.90	.85	2.15	-2.19	2.58	-1.73	1.11	-1.58	.62	-1.74	1.24	-.71	39.20	3.68
PORTAGE	11.05	7.40	3.04	-.95	1.31	-2.77	1.60	-.80	1.14	-1.04	.81	-.70	40.19	8.09
STOUGHTON	4.69	.83	2.51	-1.29	2.38	-1.36	.90	-1.52	1.65	-.47	1.39	-.25	M 38.09	
WATERTOWN	6.25	2.23	2.46	-1.55	2.65	-1.39	.90	-1.55	1.15	-1.10	1.40	-.41	M 35.13	
WISCONSIN DELLS	8.62	4.85	3.32	-1.05	1.62	-2.27	1.67	-.68	1.97	.10	.77	-.64		
--DIVISIONAL DATA----->	6.20	2.47	2.60	-1.29	2.54	-1.38	1.06	-1.38	1.24	-.97	1.20	-.51	36.05	3.78
SOUTHEAST 09														

WISCONSIN
1999

TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL (INCHES)

STATION	JAN		FEB		MAR		APR		MAY		JUN	
	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE	PRECIP.	DEPARTURE
BURLINGTON	M 4.04		M 1.04		.97	-1.42	5.75	2.41	4.90	1.91	9.46	5.41
GERMANTOWN	4.62	3.59	.99	.10	1.46	-.47	6.75	3.95	4.97	2.21	4.55	1.30
HARTFORD 2 W	3.26	2.13	.66	-.32	.55	-1.50	6.06	3.34	4.58	1.58	4.48	.83
KENOSHA	5.06	3.72	1.34	.31	2.13	-.06	M 7.71		4.22	1.20	6.33	2.89
LAKE GENEVA	5.23	3.39	1.47	.01	1.39	-1.39	5.30	1.64	5.15	1.90	8.79	4.91
MILWAUKEE MT MARY COL	M 3.25		M .38		M .95		6.60	3.40	4.84	2.07	5.67	2.50
MILWAUKEE WSO AIRPORT R	4.38	2.78	.98	-.47	1.35	-1.32	6.14	2.64	3.74	.90	6.96	3.72
OCONOMOWOC	3.46	2.47	.73	-.21	.73	-1.14	6.38	3.62	5.23	2.37	6.10	2.50
PORT WASHINGTON	5.50	4.25	1.25	.22	.51	-1.46	5.46	2.50	4.79	2.11	3.84	.77
RACINE	M 4.70		M 1.25		.65	-2.00	6.57	2.91	2.92	-.07	5.53	1.92
SULLIVAN 3 SE	3.10		.96		.65		6.17		4.91		6.43	
UNION GROVE	M 2.96		.70	-.31	.28	-1.89	4.82	1.46	3.85	.85	5.34	1.37
WAUBEKA	M 3.67		.47		.84		6.28		5.39		5.00	
WAUKESHA	4.27	2.93	1.22	.13	.83	-1.53	5.45	2.10	3.82	.83	6.14	2.67
WEST ALLIS			1.18	-.03	2.06	-.08	6.77	3.36	4.22	1.33	7.57	4.16
WEST BEND	3.79	2.58	.91	-.02	.68	-1.27	3.58	.65	5.48	2.56	5.09	1.58
WHITEWATER	M 2.22		1.09	.09	.39	-1.80	6.45	3.34	3.73	.61	4.78	1.16
--DIVISIONAL DATA----->	4.27	2.94	1.04	-.08	.98	-1.25	5.88	2.67	4.46	1.53	6.07	2.59

WISCONSIN
1999

TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL (INCHES)

STATION	JUL		AUG		SEP		OCT		NOV		DEC		ANNUAL	
	PRECIP.	DEPART.	PRECIP.	DEPART.	PRECIP.	DEPART.	PRECIP.	DEPART.	PRECIP.	DEPART.	PRECIP.	DEPART.	PRECIP.	DEPART.
BURLINGTON	1.52	-2.70	2.16	-1.82	4.04	.47	.78	-1.67	.68	-1.87	1.75	-.07	M 37.09	
GERMANTOWN	8.39	4.85	2.06	-1.79	3.39	-.42	.69	-1.77	1.02	-1.40	M 1.53		M 40.42	
HARTFORD 2 W	9.42	5.68	2.36	-1.37	2.84	-1.42	1.17	-1.43	1.43	-.73	1.66	-.06	38.47	6.73
KENOSHA	1.08	-2.92	4.57	.72	4.60	.71	.98	-1.54	.20	-2.29	M 2.23		M 40.45	
LAKE GENEVA	1.02	-3.28	2.42	-1.50	4.23	.14	.98	-1.76	.39	-2.26	1.63	-.71	38.00	1.09
MILWAUKEE MT MARY COL	6.66	3.27	1.84	-1.78	4.11	.59	.86	-1.48	.72	-1.56	M 1.27		M	
MILWAUKEE WSO AIRPORT R	5.58	2.11	1.69	-1.84	4.16	.78	.94	-1.47	.70	-1.81	1.26	-1.07	37.88	4.95
OCONOMOWOC	5.72	1.96	1.82	-2.11	3.48	-.40	.92	-1.60	1.39	-.73	1.96	-.29	37.92	7.02
PORT WASHINGTON	6.27	2.92	1.98	-1.81	2.58	-1.17	.88	-1.50	.95	-1.21	1.81	-.14	35.82	5.48
RACINE	1.80	-2.07	1.84	-1.82	4.89	1.09	.93	-1.42	1.43	-1.19	3.10	.90	M 35.61	
SULLIVAN 3 SE	4.30		1.98		3.53		.66		1.56		1.80		36.05	
UNION GROVE	2.23	-1.79	1.44	-2.74	4.16	.48	.96	-1.46	.82	-1.56	M .90		M 28.46	
WAUBEKA	6.07		2.03		2.71		1.01		.98		1.54		M 35.99	
WAUKESHA	6.48	3.15	1.86	-2.24	3.87	.19	.77	-1.71	.78	-1.62	1.77	-.19	37.26	4.71
WEST ALLIS	8.21	4.88	1.74	-1.97	4.17	.42	.93	-1.67	1.27	-1.28	1.32	-.75		
WEST BEND	9.37	5.58	3.04	-.76	2.75	-1.38	.98	-1.68	.62	-1.82	1.71	-.01	38.00	6.01
WHITEWATER	3.83	-.19	1.66	-2.20	3.73	-.07	.84	-1.73	1.04	-1.34	M 1.33		M 31.09	
--DIVISIONAL DATA----->	5.12	1.40	2.15	-1.65	3.78	.00	.89	-1.63	.94	-1.47	1.80	-.16	37.38	4.89

AVERAGE TEMPERATURES AND DEPARTURES FROM NORMAL (°F)

STATION	JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC		ANNUAL			
	TEMPERATURE	DEPARTURE	TEMPERATURE	DEPARTURE	TEMPERATURE	DEPARTURE	TEMPERATURE	DEPARTURE	TEMPERATURE	DEPARTURE	TEMPERATURE	DEPARTURE	TEMPERATURE	DEPARTURE	TEMPERATURE	DEPARTURE	TEMPERATURE	DEPARTURE	TEMPERATURE	DEPARTURE	TEMPERATURE	DEPARTURE	TEMPERATURE	DEPARTURE	TEMPERATURE	DEPARTURE		
WISCONSIN NORTHWEST 01																												
AMERY	9.8	1.9	25.0	11.4	32.0	4.4	46.8	3.4	59.4	3.7	65.4	.7	73.1	3.2	67.7	.7	58.7	1.3	46.3	.1	39.2	8.4	22.0	7.7	45.5	3.9		
ASHLAND 3 S	10.0		23.8		M		M		M53.3		M62.5		M69.9		M65.6		M56.6		M44.3		37.8		23.1		M			
ASHLAND EXP FARM	M		M21.5	6.1	M28.6	1.5	M42.3	2.3	M		M62.1	.7	M		M		M		M		M		M21.7	4.7	M			
BAYFIELD 6 N	12.5	1.3	24.4	9.7	M30.1	3.6	42.1	2.5	54.5	3.4	62.3	2.2	69.5	2.6	64.8	.0	57.6	1.7	43.8	-1.9	38.5	7.0	22.8	5.4	M43.6	3.1		
BIG FALLS HYDRO	M		M21.8		M26.9		M		M		M60.5		M68.8		M62.4		M		M		M		M		M			
BLOOMER	8.6	-3.1	24.9	7.4	31.6	1.2	47.1	1.5	M59.4	1.8	66.2	.2	73.6	2.4	67.1	-1.5	58.1	-1.5	M45.3	-2.9	37.6	4.6	21.1	3.6	M45.1	1.1		
BRULE R S	7.5		22.4		30.5		42.0		55.5		62.7		69.1		64.2		56.4		42.6		37.8		19.5		42.5			
CLAM LAKE 10 SW	M 6.5		M20.7		M27.4		M42.9		55.6		M61.1		M68.5		M62.9		M54.8		M43.7		M36.3		19.1		M41.6			
COUDERAY 7 W	9.8	.7	23.9	10.0	29.2	1.8	45.5	3.5	56.7	2.3	63.3	.6	70.7	1.3	64.6	-1.7	56.9	.5	45.7	.1	38.6	7.8	M20.0	4.3	M43.7	2.6		
CUMBERLAND	8.1	-2.0	23.1	7.5	30.7	2.0	46.9	2.4	58.2	.8	65.5	-7	73.0	1.7	67.7	-6	58.7	-2	46.9	-6	38.7	7.1	20.9	5.1	44.9	1.9		
DANBURY	9.0	.9	24.4	10.1	32.4	4.6	45.2	2.2	58.5	3.8	64.0	.6	71.7	3.1	66.5	.4	M		45.0	-1.2	39.1	8.7	21.5	7.7	M			
DRUMMOND	10.5		24.2		M31.0		43.2		56.6		64.7		71.6		M66.1		58.5		45.1		38.3		21.4		M44.3			
FOXBORO	8.6	.2	M22.5	8.8	M30.2	4.1	M41.6	1.8	M52.9	1.9	M61.1	1.1	M68.7	1.8	M64.8	.2	56.6	.4	M43.8	-1.6	M		M20.2	5.8	M			
GORDON	7.0	1.5	22.4	10.9	29.9	4.4	43.4	2.8	57.4	4.6	63.6	1.6	70.9	3.3	65.4	1.1	56.8	2.0	43.2	-6	36.9	8.6	19.6	7.5	43.0	4.0		
GRANTSBURG	9.1	1.8	23.6	10.3	31.8	4.5	45.8	2.4	59.1	3.7	64.4	.3	72.8	3.6	66.9	.4	58.6	2.1	45.5	-3	38.5	8.1	21.5	8.1	44.8	3.8		
HAYWARD RANGER STN	8.9		24.2		31.1		45.4		58.1		64.4		70.9		65.6		57.6		44.7		38.0		21.1		44.2			
HOLCOMBE	M		M27.1	8.8	M30.7	.0	M47.7	2.1	M		M63.5	-2.3	M		M		M58.0	-2.0	M		M		M		M			
LUCK	10.7	1.1	25.2	9.8	32.3	3.9	47.1	2.8	59.0	2.5	65.1	.4	73.2	3.5	67.9	.8	59.3	1.4	47.7	.5	39.9	8.7	22.7	7.5	45.8	3.6		
MINONG 5 WSW	9.9	1.5	23.9	9.6	M31.0	3.6	45.6	3.2	59.0	3.8	65.0	1.0	72.3	3.0	67.0	.6	58.4	1.2	46.0	-5	38.1	7.2	21.5	7.0	M44.8	3.4		
PATTISON STATE PARK	M10.1		M22.8		M30.3		M41.5		M53.1		M60.9		M70.0		M64.8		M57.6		M42.7		M38.3		M		M			
PORT WING	11.6	2.4	24.8	11.1	31.2	5.1	42.3	3.2	M52.3	2.2	60.3	.8	69.4	2.5	M65.5	.6	M58.6	2.7	44.3	-1.6	39.0	8.1	23.4	7.9	M43.6	3.8		
RICE LAKE	7.0	-2.4	24.0	8.7	30.7	2.3	46.6	2.6	58.7	2.6	65.2	.5	72.6	2.9	66.4	-6	57.3	-5	44.8	-2.1	38.0	6.6	21.0	5.6	44.4	2.2		
ST CROIX FALLS	11.2	1.5	26.9	11.3	34.5	5.1	49.6	4.6	61.2	3.8	67.8	1.4	75.5	3.9	70.4	1.5	61.2	2.0	48.7	.8	40.7	8.6	23.6	7.5	47.6	4.3		
SOLON SPRINGS	6.5	-2	21.6	9.4	28.6	2.8	42.3	1.5	56.8	3.8	63.3	.8	70.4	1.8	65.6	.2	56.3	.9	42.9	-1.6	36.6	8.0	19.3	6.8	42.5	2.9		
SPOONER EXPERMNT FARM	11.5	1.9	25.6	10.2	32.7	4.1	47.9	4.0	60.0	4.1	66.0	1.6	73.2	3.7	67.9	1.3	59.1	1.5	47.6	.7	40.0	8.7	22.9	7.5	46.2	4.1		
STANLEY	8.5	-2.4	24.5	8.4	30.9	1.8	M46.4	2.2	M58.1	2.1	M64.9	.5	M71.4	1.9	64.8	-2.2	56.5	-1.7	44.2	-3.1	37.8	5.6	20.6	4.0	M44.1	1.4		
SUPERIOR	12.2	2.2	23.9	9.0	31.5	5.3	41.6	3.4	M51.6	3.3	60.5	2.8	M69.4	3.5	M65.3	1.1	M		M37.8		6.8	23.4	7.5	M				
WEYERHAUSER	11.1	.7	25.7	9.6	31.5	2.5	48.1	4.1	58.6	2.9	64.6	1.1	72.3	3.6	M66.6	.6	M57.9	.7	46.6	.4	39.0	7.7	21.8	6.0	M45.3	3.3		
WINTER	8.5	2.0	24.1	12.9	29.6	4.9	45.7	5.7	56.0	4.0	M62.2	1.6	69.7	3.9	63.5	.5	56.1	2.1	44.0	.4	36.4	6.9	20.0	6.7	M43.0	4.3		
--DIVISIONAL DATA----->	9.4	-2	23.9	8.9	30.7	2.8	44.9	2.3	56.9	2.3	63.6	.4	71.2	2.2	65.9	-4	57.7	.5	45.0	-1.4	38.3	7.1	21.4	5.8	44.1	2.5		
NORTH CENTRAL 02																												
BUTTERNUT 3 N	6.2		20.9		24.4		M		M		M		M		M		M		M		M		M18.9		M			
EAGLE RIVER	7.9		19.7		25.8		42.1		55.8		63.7		69.5		62.8		53.7		39.9		34.9		16.9		41.1			
GURNEY	9.7	-2.1	23.5	7.6	27.1	-.6	41.5	.5	55.4	2.8	62.4	1.1	69.4	2.3	64.0	-7	57.1	.8	42.8	-3.7	37.9	5.6	21.4	4.1	42.7	1.5		
HURLEY	9.0		22.4		26.9		42.1		56.7		63.4		69.9		64.8		56.9		41.6		37.9		20.5		42.7			
JUMP RIVER 3 E	M 9.3	-.1	23.9	9.3	M31.1	3.7	46.0	3.5	M57.3	3.2	M		M		M63.5	-1.0	56.2	.3	M45.2	-.4	37.3	6.7	20.8	5.7	M			
LONG LAKE DAM	M		M		M		M		M		M		M		M		M		M		M		M		M			
MADELINE ISLAND	12.4	.7	23.6	9.2	29.6	4.6	42.0	4.3	54.2	5.8	62.5	4.6	69.8	4.1	66.1	1.7	58.3	2.3	44.3	-1.5	39.5	7.4	M24.4	5.4	M43.9	4.1		
MEDFORD	8.5	-2	23.3	10.3	29.9	4.1	46.8	5.4	57.6	4.1	64.7	2.1	71.3	3.3	64.8	-2	56.3	.8	43.0	-1.5	37.6	7.7	20.0	5.1	43.7	3.4		
MELLEN 4 NE	8.5	1.0	22.7	10.6	27.7	2.5	41.9	2.0	56.4	4.0	62.3	1.0	69.7	2.7	M64.1	-1	57.0	2.0	42.1	-2.6	37.5	7.7	18.7	4.9	M42.4	3.0		
MERRILL	8.7	-9	23.2	9.1	29.2	2.1	46.1	3.9	57.3	2.8	64.8	1.6	71.5	3.3	64.5	-9	56.0	.1	43.6	-1.8	37.8	6.9	19.8	4.2	43.5	2.5		
MINOCQUA DAM	8.2	.1	21.6	9.4	26.8	2.3	44.0	4.7	56.5	4.0	63.5	2.4	70.0	3.7	63.9	.6	55.2	.9	41.2	-2.6	36.3	7.4	18.0	4.3	42.1	3.1		
NEILLSVILLE 3 SW	9.6	-2.7	25.3	7.4	30.8	.7	48.0	3.2	57.2	.4	65.1	.3	71.9	2.3	65.4	-1.9	55.8	-2.9	45.0	-2.7	39.3	6.4	22.1	4.2	44.6	1.2		
NORTH PELICAN	9.3	-9	M20.7	6.5	28.0	2.0	M44.2	3.8	53.7	.5	M61.9	.4	68.4	2.3	61.3	-2.0	53.5	-1.4	M42.0	-2.7	M35.4	4.9	M19.5	4.0	M41.5	1.5		
OWEN 3 W	9.1	.7	M24.0	10.6	30.3	3.8	46.4	4.2	58.1	3.8	64.7	1.6	M71.2	3.1	M64.9	-.4	56.5	-.2	43.9	-1.2	M38.1	7.3	20.8	6.1	M44.0	3.3		
PARK FALLS DNR HQ	7.2	-2.7	21.6	6.6	M27.6	.5	44.2	2.7	57.2	3.4	62.9	.6	69.7	2.4	63.6	-.9	55.1	-.4	41.2	-4.0	35.8	5.6	M19.3	3.9	M42.1	1.5		
PRENTICE NO. 2	7.7	.6	M23.0	11.3	M29.5	4.2	45.5	5.0	M57.2	5.0	M63.2	2.6	70.2	2.6	63.5	.6	M55.2	1.0	M42.2	-1.9	36.4	7.4	M19.0	6.1	M42.7	3.9		
REST LAKE	M 7.4	-.3	20.9	9.0	26.7	1.7	44.2	4.3	57.5	4.3	62.7	1.2	69.3	4.8	63.2	-.4	55.1	.7	40.8	-3.6	36.1	7.0	19.2	5.6	M41.9	2.7		
RHINELANDER	11.0	.9	M23.0	8.7	30.3	3.8	45.8	4.6	57.0	3.4	64.7	2.2	72.0	4.3	65.7	.9	57.6	1.9	44.9	.1	38.8	8.4	20.6	5.2	M44.3	3.7		
RICE RESRVR TOMAHAWK 2	7.8		21.5		27.4		44.5		56.9		63.5		70.0		63.3		54.8		43.1		37.1		18.9		42.4		</	

WISCONSIN
1999

AVERAGE TEMPERATURES AND DEPARTURES FROM NORMAL (°F)

STATION	JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC		ANNUAL					
	TEMPERATURE	DEPARTURE	TEMPERATURE	DEPARTURE	TEMPERATURE	DEPARTURE	TEMPERATURE	DEPARTURE	TEMPERATURE	DEPARTURE	TEMPERATURE	DEPARTURE	TEMPERATURE	DEPARTURE	TEMPERATURE	DEPARTURE	TEMPERATURE	DEPARTURE	TEMPERATURE	DEPARTURE	TEMPERATURE	DEPARTURE	TEMPERATURE	DEPARTURE	TEMPERATURE	DEPARTURE				
NORTHEAST 03																														
ANTIGO	7.8	-1.1	M20.9	8.1	M27.6	2.2	M44.1	3.2	M56.2	3.0	M63.1	1.1	M69.8	2.7	M63.1	-1.1	M54.0	-0.8	41.8	-2.8	M37.7	7.9	17.9	3.0	M42.0	2.1				
BOWLER	M		M		M		M46.8	5.5	M		M		M		M		M		M		M37.3	4.3	19.4	M	M		M			
CRIVITZ HIGH FALLS	11.3	-1.5	21.4	5.0	29.3	1.3	43.7	1.7	M56.5	2.2	63.5	.2	69.8	1.6	M64.1	-2.0	M56.7	-0.3	M		M		M37.3	4.3	19.4	M	M		M	
FLORENCE	9.5		20.1		27.2		42.1		54.6		62.7		69.2		62.5		55.6		41.7		M		M		M		M		M	
GOODMAN	11.1	.2	21.4	7.1	29.7	4.2	44.0	4.4	55.1	3.0	62.6	1.8	68.5	2.4	62.1	-1.0	56.4	2.4	M42.5	-1.2	40.0	9.6	20.6	4.1	M42.8	3.1				
LAKWOOD 3 NE	11.3		22.0		30.1		45.1		57.3		64.6		71.3		64.9		M56.8		43.0		M38.8		19.4	M	M		M		M	
LAONA 6 SW	10.0	-1.3	21.8	6.4	28.1	1.5	43.3	2.5	55.0	2.3	61.7	1.0	67.7	2.2	61.9	-0.9	54.0	-0.6	42.1	-2.5	37.4	7.2	18.2	2.0	41.8	1.7				
MARINETTE	16.2	.7	28.7	10.6	M34.4	4.9	45.9	3.1	57.8	2.9	66.8	1.8	M74.3	3.4	68.8	1.0	M62.0	2.4	48.2	.1	43.0	8.4	25.2	3.8	M47.6	3.6				
OCONTO 4 W	13.2	-.9	26.9	9.5	33.2	4.8	46.0	3.7	57.6	3.4	65.7	1.9	71.4	2.1	65.2	-1.2	57.7	-0.4	45.4	-1.9	40.2	6.2	22.7	2.6	45.4	2.5				
SHAWANO 2 SSW	11.2	-1.7	25.7	9.2	32.4	3.3	46.5	2.9	58.6	2.8	66.2	1.6	72.9	3.1	66.1	-0.6	57.2	-0.6	45.1	-2.3	39.8	6.8	21.5	2.9	45.3	2.3				
SURING	11.5	-.4	23.6	8.3	30.3	2.8	42.8	.8	56.9	2.9	65.4	2.2	72.1	3.6	66.4	1.0	57.3	1.1	44.1	-1.9	39.0	7.1	21.1	3.4	44.2	2.6				
--DIVISIONAL DATA----->	11.3	-1.2	23.3	6.9	30.2	2.3	44.6	2.5	56.6	2.5	64.2	1.4	70.7	2.8	64.5	-0.8	56.8	.1	43.8	-2.4	39.1	6.8	20.5	2.3	43.8	1.9				
WEST CENTRAL 04																														
ALMA DAM 4	13.5	.5	29.7	11.7	35.6	4.2	49.3	2.5	61.4	2.7	67.3	-1.1	M74.6	1.7	68.1	-2.2	61.2	.4	48.7	-1.2	41.0	6.7	25.8	6.8	M48.0	2.7				
BLAIR	10.5	-.4	27.3	11.0	32.3	2.3	47.5	2.6	58.5	1.9	66.0	.5	72.9	2.6	66.6	-1.1	57.8	-.7	44.9	-2.6	37.9	4.8	22.5	5.3	45.4	2.2				
CASHTON	13.7	-.4	28.5	8.7	34.1	2.4	49.7	4.0	60.5	2.6	67.7	.9	74.9	3.4	M68.1	-0.8	60.4	-.2	49.3	.3	41.9	7.8	25.3	6.0	M47.8	2.9				
EAU CLAIRE FAA AIRPORT	11.6	.9	27.2	10.9	33.5	3.9	48.5	3.5	60.2	2.9	67.1	.7	74.8	3.3	68.3	-0.3	58.7	-0.3	47.3	-0.2	39.3	6.9	22.7	5.9	46.6	3.2				
ELLSWORTH 1 E	11.4	-.4	26.2	8.3	32.7	2.1	47.5	1.6	59.7	1.5	65.8	-1.3	73.4	1.5	67.6	-1.4	59.6	-0.3	48.2	-0.6	40.9	8.0	24.0	6.7	46.4	2.1				
FAIRCHILD RANGER STA	M		M26.1	11.4	M33.8	5.4	M47.8	4.0	M		M64.5	-0.4	M72.7	2.8	M65.8	-1.4	M		M46.7	.1	M40.4	8.7	M	M	M		M		M	
LA CROSSE FAA AIRPORT	M14.6	.2	M31.1	11.2	37.0	4.2	51.5	3.8	63.0	3.5	70.3	1.8	77.2	3.7	70.2	-0.6	61.8	.0	49.9	-0.3	43.0	7.4	27.4	7.1	M49.8	3.5				
MATHER 3 NW	M11.1	-1.0	26.4	9.3	31.6	1.7	47.4	3.1	58.0	2.1	65.2	.4	72.5	2.8	66.0	-0.9	57.0	-1.0	45.5	-1.7	40.0	6.8	22.9	4.7	M45.3	2.2				
MENOMONIE	13.6	.4	28.6	9.8	34.4	2.7	49.7	2.9	61.1	2.5	67.7	.3	75.6	3.2	69.6	-1.1	61.3	.4	50.5	.6	42.0	7.5	25.2	6.1	48.3	3.0				
MONDOVI	13.8	1.1	29.3	10.9	34.6	3.4	50.0	3.6	61.2	3.3	67.8	1.0	75.8	4.4	69.5	.8	61.3	1.5	49.8	.8	41.6	7.9	24.7	6.3	48.3	3.8				
RIDGELAND 1 NNE	7.6	-2.4	23.8	8.3	29.7	1.0	46.2	1.9	58.1	1.9	65.3	.5	M		66.3	-0.8	57.0	-1.1	M45.3	-1.8	M38.7	7.0	M	M	M		M		M	
RIVER FALLS	M 9.8	-2.3	26.0	8.2	31.2	.2	47.3	1.0	58.6	.1	65.0	-2.4	M73.6	1.4	67.4	-2.1	M58.5	-1.7	46.1	-3.2	39.2	5.7	22.4	4.3	M45.4	.8				
SPARTA	12.5	.4	29.3	12.1	33.5	2.9	49.1	3.8	60.3	3.4	68.1	2.0	75.4	4.4	68.4	.2	59.8	1.2	47.1	-0.8	40.7	7.3	24.1	5.7	47.4	3.6				
TREMPEALEAU DAM 6	M13.8	-.5	29.4	9.8	36.3	3.9	51.1	3.8	62.3	3.0	69.5	1.2	77.7	4.8	68.9	-0.3	61.2	-0.2	50.4	.2	43.3	8.2	26.3	6.0	M49.3	3.3				
--DIVISIONAL DATA----->	12.1	-.5	27.8	9.7	33.6	2.5	48.8	2.8	60.2	2.3	67.0	.3	74.7	3.1	68.0	-0.9	59.7	-0.2	47.8	-1.0	40.7	6.9	24.4	5.9	47.1	2.6				
CENTRAL 05																														
CLINTONVILLE	12.5	-1.3	26.5	8.6	32.8	3.2	46.0	2.2	59.0	3.2	66.0	1.2	73.0	3.1	65.0	-1.8	M		45.2	-2.1	39.3	5.6	22.3	3.0	M					
DALTON	16.4	.4	30.7	10.1	35.6	3.3	49.6	3.5	60.4	2.6	68.2	1.5	75.0	3.6	68.3	-0.7	60.9	.2	49.8	-0.1	43.4	7.6	26.0	4.6	48.7	3.1				
HANCOCK EXP FARM	12.1	-1.8	27.2	8.5	32.7	2.0	46.9	1.3	59.4	1.7	65.9	-0.7	72.3	1.4	66.2	-2.2	58.9	-1.2	47.1	-2.1	40.8	6.2	21.6	2.3	45.9	1.3				
MARSHFIELD EXP FARM	11.8	-.6	25.6	8.0	32.4	3.0	47.8	3.5	59.1	3.1	66.5	1.9	72.7	3.4	66.6	-0.2	57.8	-0.4	45.6	-1.7	40.2	7.3	22.2	4.3	45.7	2.6				
MAUSTON 1 SE	13.9	.5	29.0	11.0	34.9	4.4	49.2	4.0	60.0	3.5	M67.0	1.3	M74.6	4.1	M67.5	.1	M59.8	1.4	M47.3	-.7	42.2	8.3	24.7	5.1	M47.5	3.6				
MONTELLO	14.2	.6	29.2	11.2	34.1	3.4	48.5	3.5	60.1	3.4	67.5	1.1	74.4	3.3	67.4	-0.5	59.9	.8	47.9	-0.2	42.2	8.4	24.1	4.4	47.5	3.3				
NECEDAH	14.6	.2	29.6	10.1	34.8	3.4	50.3	4.5	61.0	3.1	68.4	2.0	75.6	4.2	68.7	.2	60.5	.4	49.5	.5	41.7	7.0	25.5	5.7	48.4	3.4				
NEW LONDON	12.3	-1.2	27.3	10.0	M33.1	3.4	47.0	2.3	58.2	1.2	65.1	-1.0	72.5	1.5	66.2	-1.4	58.0	-0.8	46.0	-2.2	40.7	6.8	23.2	3.9	M45.8	1.9				
STEVENS POINT	11.3	-2.4	26.3	8.0	32.5	2.3	47.6	2.7	58.9	2.2	66.3	.8	72.8	2.4	66.6	-1.3	58.0	-1.3	45.5	-3.0	40.2	5.8	22.4	2.9	45.7	1.6				
WAUPACA	14.3	-.1	28.7	10.2	34.5	3.8	48.9	3.9	59.7	2.6	67.1	1.1	74.4	3.3	67.3	-0.9	59.2	-0.3	47.5	-1.1	42.2	7.9	23.6	3.6	47.3	2.8				
WISCONSIN RAPIDS	13.0	.1	26.8	8.8	33.4	3.4	47.4	3.0	58.8	2.3	66.8	1.4	73.9	3.5	67.1	-0.5	58.8	.3	46.7	-0.6	39.7	6.6	23.4	5.0	46.3	2.8				
--DIVISIONAL DATA----->	13.3	-.8	27.9	9.1	33.7	2.9	48.1	2.9	59.5	2.5	66.8	1.0	73.7	3.1	67.0	-0.9	59.2	-0.2	47.1	-1.4	41.1	6.7	23.5	3.8	46.7	2.4				
EAST CENTRAL 06																														
APPLETON	14.4	-1.1	27.2	7.3	33.2	2.1	46.6	1.8	59.5	2.3	66.9	.3	74.1	2.2	67.1	-2.3	60.0	-.9	47.3	-2.1	40.8	5.3	24.6	3.4	46.8	1.5				
BRILLION	14.0		27.9		33.1		45.0		58.7		66.3		72.7		64.7		57.7		46.0		M		M		M		M		M	
CHILTON	13.6	-1.2	28.7	10.6	33.2	3.0	47.8	3.6	59.4	3.1	67.9	2.2	74.5	3.7	67.2	-1.0	60.2	.7	47.8	-1.1	41.8	7.0	24.7	3.8	47.2	2.9				
FOND DU LAC	16.2	.1	29.6	9.4	34.0	2.2	48.2	2.9	60.3	2.8	68.4	1.4	74.9	2.9	67.9	-1.6	61.2	-0.1	49.3	-0.8	42.7	6.4	26.3	4.5	48.3	2.5				
GREEN BAY AUSTIN STRAU R	14.9	.6	28.3	10.0	34.0	4.0	45.9	1.9	58.1	2.6	65.4	.9	72.2	2.5	65.4	-1.7	58.6	-0.4	46.1											

AVERAGE TEMPERATURES AND DEPARTURES FROM NORMAL (°F)

STATION	JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC		ANNUAL			
	TEMPERATURE	DEPARTURE	TEMPERATURE	DEPARTURE	TEMPERATURE	DEPARTURE	TEMPERATURE	DEPARTURE	TEMPERATURE	DEPARTURE	TEMPERATURE	DEPARTURE	TEMPERATURE	DEPARTURE	TEMPERATURE	DEPARTURE	TEMPERATURE	DEPARTURE	TEMPERATURE	DEPARTURE	TEMPERATURE	DEPARTURE	TEMPERATURE	DEPARTURE	TEMPERATURE	DEPARTURE	TEMPERATURE	DEPARTURE
WASHINGTON ISLAND	17.8	.4	28.3	9.2	32.4	4.0	43.8	4.3	54.2	4.4	62.1	2.9	70.7	4.2	66.6	1.1	60.6	2.4	48.2	.1	43.0	6.6	28.4	4.2	46.3	3.7		
--DIVISIONAL DATA----->	15.7	-1.3	29.0	8.3	33.6	2.3	46.3	2.6	57.5	2.7	65.5	1.2	73.3	3.3	67.1	-1.2	60.0	-4.4	48.0	-1.4	42.1	5.7	25.7	3.0	47.0	2.1		
SOUTHWEST 07																												
BARABOO	12.5	-1.6	28.8	10.4	31.6	.5	46.2	1.1	57.5	.8	66.6	.6	M72.6	2.1	65.1	-2.6	56.8	-2.2	44.9	-3.1	39.8	5.4	22.9	2.7	M45.4	1.2		
DARLINGTON	14.8	-1.2	31.3	10.2	32.9	-.6	48.3	1.7	59.9	2.1	68.1	1.1	75.2	3.6	66.9	-2.2	58.2	-2.7	47.5	-2.3	39.8	4.0	23.9	2.2	47.2	1.3		
GAYS MILLS	M12.6		29.7		M32.5		47.6		58.3		M		74.5		M67.6		M57.8		M46.8		39.5		23.3		M			
GENOA DAM 8	14.9	-1.0	31.3	10.4	35.7	2.1	51.1	3.2	61.9	2.1	69.0	.3	77.1	3.9	70.2	-.6	62.1	-.1	51.3	.0	43.4	6.9	27.3	5.6	49.6	2.7		
HILLSBORO	12.4	.1	29.1	11.6	32.9	1.7	48.1	3.6	58.9	2.5	67.2	1.2	74.5	3.6	67.1	-.9	58.2	-.7	46.4	-1.8	41.1	7.3	24.5	5.7	46.7	2.8		
LANCASTER 4 WSW	13.0	-2.3	30.4	9.8	33.6	.4	49.5	2.7	59.4	1.1	67.6	-.1	74.7	2.7	67.6	-2.1	59.6	-1.9	48.1	-2.3	41.9	6.5	24.0	2.8	47.5	1.4		
LYNXVILLE DAM 9	16.0	-.7	31.9	10.1	37.0	2.7	51.8	3.2	62.3	1.8	70.1	.5	77.6	3.4	70.9	-.8	62.6	-.5	52.0	.1	44.4	7.1	27.7	5.0	50.4	2.7		
PLATTEVILLE	14.1	-2.8	31.4	9.2	32.9	-1.6	49.4	1.4	59.3	-.1	68.8	.6	75.3	2.6	67.8	-2.5	59.7	-2.5	M		42.3	5.5	24.3	1.8	M			
PRAIRIE DU CHIEN	16.5	-.8	32.9	10.1	36.3	1.0	50.4	1.1	60.9	.0	68.4	-1.6	77.3	3.0	70.1	-1.8	62.3	-1.4	50.0	-2.6	44.5	6.7	26.0	2.8	49.6	1.4		
PRAIRIE DU SAC 2 N	M		M		M33.6		M48.2		1.5	M		M67.6		-3	M		M		M		M		M		M			
RICHLAND CENTER	13.6	-1.1	30.6	10.2	33.5	.3	48.6	1.9	59.1	1.3	67.5	.7	74.7	2.9	68.2	-.8	59.0	-1.5	47.8	-1.7	41.9	6.6	26.0	5.0	47.5	2.0		
ROCK SPRINGS 3 SW	15.4		29.7		34.7		48.6		60.4		67.6		73.8		66.2		60.1		50.3		43.5		26.0		48.0			
VIROQUA 2 S	12.5	-1.2	28.0	8.9	32.8	1.3	47.1	1.3	57.5	.3	65.7	-.4	73.1	2.4	66.3	-1.7	57.5	-2.1	46.3	-2.4	39.3	5.0	M23.9	4.6	M45.8	1.3		
--DIVISIONAL DATA----->	14.0	-1.7	30.4	9.5	33.8	.5	48.8	1.8	59.6	1.0	67.9	.4	75.0	2.8	67.8	-1.8	59.5	-1.7	48.3	-1.8	41.8	5.8	25.0	3.6	47.7	1.5		
SOUTH CENTRAL 08																												
AFTON	15.8		31.8		34.1		M49.5		60.9		69.6		76.4		M68.3		60.2		49.3		42.4		26.0		M48.7			
ARBORETUM UNIV WIS	M16.0		31.0		33.5		M48.4		59.8		M67.4		M75.3		67.8		M59.7		48.6		42.7		M25.8		M48.0			
ARLINGTON UNIV FARM	14.6	-1.0	30.4	9.9	34.5	2.1	48.0	1.7	59.9	2.0	67.8	1.0	74.8	3.5	66.7	-2.2	59.5	-1.4	47.9	-1.9	42.6	6.7	24.9	3.6	47.6	2.0		
BEAVER DAM	14.7	-2.4	30.1	8.4	33.8	.2	48.6	1.5	59.9	1.4	68.2	.7	74.8	2.9	67.8	-1.9	60.1	-1.7	48.4	-2.3	41.9	4.8	24.6	1.9	47.7	1.1		
BELOIT	17.1	-.5	31.9	10.2	34.3	.5	49.9	2.7	61.0	2.8	69.3	.6	76.4	3.7	68.7	-1.2	61.4	-.6	50.6	-.6	44.3	7.2	M27.0	3.4	M49.3	2.4		
BRODHEAD	15.5	.0	32.1	12.0	33.8	1.0	49.6	3.3	60.9	3.3	69.4	2.2	76.1	4.5	68.2	-.6	60.1	-.5	49.3	.1	42.7	6.8	25.6	4.0	48.6	3.0		
CHARMANY FARM	15.9	-.6	30.8	9.4	34.5	1.5	M49.1	2.6	60.9	2.8	68.9	1.8	M75.5	3.8	68.6	-.6	61.2	-.1	49.2	-.7	43.8	7.1	25.4	3.4	M48.7	2.5		
FORT ATKINSON	16.0	.1	31.7	11.4	33.5	.6	49.1	2.6	60.5	2.0	M69.5	2.0	76.5	4.4	M68.1	-1.1	M60.5	-.5	M49.4	-.5	43.2	6.8	26.0	3.7	M48.7	2.7		
HORICON	14.6	.1	M30.2	11.7	33.9	2.5	48.4	3.1	59.5	2.4	67.7	1.7	74.6	3.6	66.9	-1.0	60.2	.7	48.7	.1	42.6	7.7	25.1	4.3	M47.7	3.1		
LAKE MILLS	16.4	-.9	30.6	8.7	M32.9	-.8	49.3	1.8	61.2	2.1	67.2	-.9	76.2	3.4	M68.0	-2.3	M59.3	-3.3	M49.4	-2.0	M		M26.4	3.4	M			
MADISON WSO AIRPORT //R	16.5	.5	30.8	10.2	33.8	1.5	48.1	2.7	59.9	3.4	68.4	2.2	74.9	3.9	66.9	-1.4	60.3	.5	48.9	.0	42.0	6.6	26.4	4.7	48.1	2.9		
PORTAGE	14.8	.0	30.2	11.0	34.8	2.9	49.2	3.6	60.5	3.6	68.7	2.5	75.6	4.8	68.4	.4	60.1	.8	48.3	-.6	43.2	8.3	25.7	4.8	48.3	3.5		
STOUGHTON	15.8	-.6	31.6	11.1	34.2	1.2	M49.2	2.9	60.0	1.9	69.1	1.6	75.5	3.7	68.5	-.7	60.4	-.5	49.1	-.9	42.7	6.4	25.5	3.4	M48.5	2.5		
WATERTOWN	16.0	-.1	31.5	11.2	34.1	1.3	49.1	2.8	60.9	3.0	69.2	1.5	75.9	3.5	68.0	-1.6	61.2	-.2	49.2	-1.0	42.9	6.4	26.3	4.1	48.7	2.6		
WISCONSIN DELLS	12.8	-1.6	M32.6	13.7	32.0	.7	47.9	2.6	58.9	1.8	67.2	1.0	73.8	2.9	66.3	-2.0	57.9	-1.7	46.2	-2.3	39.8	5.3	24.2	4.0	M46.6	2.0		
--DIVISIONAL DATA----->	15.5	-1.1	31.2	10.0	33.8	.5	48.9	2.1	60.3	2.0	68.5	1.1	75.5	3.5	67.8	-1.6	60.1	-1.3	48.8	-1.4	42.6	5.9	25.7	3.4	48.2	1.9		
SOUTHEAST 09																												
BURLINGTON	15.8	-1.6	30.7	9.1	32.0	-1.1	M47.0	1.2	58.3	1.5	M67.1	.5	75.3	3.9	M66.6	-2.6	59.0	-2.5	M47.7	-2.2	M41.6	4.2	25.7	2.3	M47.2	1.1		
GERMANTOWN	15.7	-.5	29.8	9.4	32.1	.4	46.9	2.9	57.9	2.9	66.6	2.1	M74.1	4.3	66.5	-1.2	59.4	-.5	M47.7	-1.1	42.3	6.1	25.6	3.5	M47.1	2.4		
HARTFORD 2 W	14.1	-.6	29.9	11.2	M33.0	1.6	M48.5	4.2	61.2	5.3	70.8	5.6	77.2	6.9	68.9	1.3	60.9	1.6	M49.6	1.0	43.5	8.5	25.8	4.9	M48.6	4.3		
KENOSHA	20.8	.8	33.3	9.1	35.4	1.4	44.9	1.0	57.1	3.5	66.3	2.6	77.8	8.1	70.2	1.2	62.3	.4	52.1	1.2	45.5	6.6	29.9	4.2	49.6	3.3		
LAKE GENEVA	20.0	.8	33.8	10.0	35.6	.7	50.2	2.7	62.0	3.0	70.5	1.7	79.6	6.1	71.2	-.1	64.5	1.0	53.1	1.3	45.6	7.1	29.7	5.0	51.3	3.3		
MILWAUKEE MT MARY COL	M18.9	-1.0	33.9	9.7	36.8	1.8	49.1	2.0	60.9	2.4	70.1	1.9	78.8	5.2	70.7	-.9	63.6	-.2	50.2	-1.8	44.0	4.9	M28.4	2.8	M50.5	2.2		
MILWAUKEE WSO AIRPORT R	20.2	1.3	32.0	9.0	34.6	1.3	46.2	1.8	58.1	3.5	67.2	2.2	76.5	5.6	68.8	-.5	63.4	1.7	52.3	2.0	44.8	7.1	29.3	4.9	49.5	3.3		
OCOMOWOC	15.9	.7	31.4	12.0	33.9	2.0	48.8	3.4	59.9	2.4	67.8	1.1	75.0	3.3	67.8	-1.0	60.7	.6	49.2	.2	43.0	7.5	26.5	5.1	48.3	3.1		
PORT WASHINGTON	19.3	.2	31.1	8.0	34.3	1.7	45.1	2.3	55.7	2.7	63.3	.6	73.7	4.3	68.1	-.3	61.3	.2	50.5	.4	44.0	6.1	29.0	4.2	48.0	2.5		
RACINE	19.2	-.2	33.2	10.0	35.3	1.7	45.3	.9	57.0	2.1	65.1	-.2	76.2	5.2	70.6	.7	63.3	.6	52.0	.7	45.5	7.0	29.3	3.9	49.3	2.7		
SULLIVAN 3 SE	16.1		31.2		33.1		48.9		59.5		67.5		74.9		66.8		M60.9		49.0		43.1		26.0		M48.1			
UNION GROVE	17.3		31.8		34.1		M47.2		M59.7		67.9		M76.7		68.2		62.4		49.1		43.2		M26.4		M48.7			
WAUKESHA	17.8	-.8	M32.2	9.1	35.1	1.2	M49.1	2.9	60.7	3.0	M69.0	1.6	76.3	4.0	68.9	-1.2	62.3	.1	50.4	-.4	44.7	6.9	27.6	3.5	M49.5	2.5		

WISCONSIN
1999

TEMPERATURE EXTREMES AND FREEZE DATA (°F)

STATION	HIGHEST	DATE	LOWEST	DATE	LAST SPRING MINIMUM OF										FIRST FALL MINIMUM OF										NUMBER OF DAYS BETWEEN DATES				
					16° OR BELOW		20° OR BELOW		24° OR BELOW		28° OR BELOW		32° OR BELOW		32° OR BELOW		28° OR BELOW		24° OR BELOW		20° OR BELOW		16° OR BELOW		16° OR BELOW	20° OR BELOW	24° OR BELOW	28° OR BELOW	32° OR BELOW
					DATE	TEMP.	DATE	TEMP.	DATE	TEMP.	DATE	TEMP.	DATE	TEMP.	DATE	TEMP.	DATE	TEMP.	DATE	TEMP.	DATE	TEMP.	DATE	TEMP.					
GENOA DAM 8	98	7/29	-23	1/ 7	3/10	14	3/14	20	3/26	24	3/26	24	3/27	31	10/ 2	32	10/24	25	11/ 3	24	11/30	17	12/16	9	281	261	222	212	189
HILLSBORO	97	7/31	-28	1/ 5	3/14	14	3/26	20	3/27	21	3/27	21	4/26	32	10/ 3	31	10/ 4	26	10/24	19	10/24	19	11/30	12	261	212	211	191	160
LANCASTER 4 WSW	94	7/30	-23	1/ 5	3/13	16	3/14	19	3/26	22	3/27	27	4/24	32	10/ 4	31	10/24	25	11/ 3	23	11/30	18	12/16	9	278	261	222	211	163
LYNXVILLE DAM 9	96	7/30	-20	1/ 7	3/10	16	3/12	18	3/14	22	3/26	25	3/27	30	10/18	32	10/24	26	11/30	19	11/30	19	12/16	9	281	263	261	212	205
PLATTEVILLE	97	7/31	-24	1/ 5	3/13	16	3/27	19	3/27	19	3/27	19	4/25	32	MSG	MSG	MSG	MSG	MSG	MSG	MSG	MSG	MSG	MSG	MSG	MSG	MSG	MSG	MSG
PRAIRIE DU CHIEN	101	7/31	-23	1/ 5	3/12	16	3/26	20	3/27	21	3/27	21	4/23	31	10/ 4	31	10/18	28	10/24	22	11/30	15	11/30	15	263	249	211	205	164
PRAIRIE DU SAC 2 N					3/15	14	3/26	18	3/26	18	3/29	27	MSG	MSG	MSG	MSG	MSG	MSG	MSG	MSG	MSG	MSG	MSG	MSG	MSG	MSG	MSG	MSG	MSG
RICHLAND CENTER	96	7/31	-30	1/ 5	3/14	16	3/26	17	3/27	21	3/30	27	4/25	30	10/ 1	31	10/18	27	10/24	19	10/24	19	11/30	12	261	212	211	202	159
ROCK SPRINGS 3 SW	94	7/30	-17	1/ 7	3/12	16	3/15	20	3/25	22	3/26	25	4/ 9	32	10/ 4	29	10/24	26	11/29	23	11/30	20	12/16	11	279	260	249	212	178
VIROQUA 2 S	94	7/30	-29	1/ 5	3/25	15	3/26	18	3/29	23	4/19	26	5/ 9	31	9/21	31	10/ 4	23	10/ 4	23	10/24	17	11/ 3	16	223	212	189	168	135
SOUTH CENTRAL	08																												
AFTON	97	7/31	-23	1/ 8	3/10	15	3/26	19	3/27	23	3/27	23	4/25	32	10/14	30	10/24	22	10/24	22	11/30	16	11/30	16	265	249	211	211	172
ARBORETUM UNIV WIS	97	7/31	-24	1/ 5	3/26	15	3/27	19	3/27	19	4/25	28	5/ 1	32	10/ 3	31	10/18	28	10/24	17	10/24	17	11/28	16	247	211	211	176	155
ARLINGTON UNIV FARM	98	7/30	-20	1/ 5	3/ 9	13	3/11	17	3/25	22	3/26	25	4/23	31	10/ 3	31	10/24	22	10/24	22	11/30	16	11/30	16	266	264	213	212	163
BEAVER DAM	95	7/31	-20	1/ 5	3/ 8	13	3/26	19	3/27	24	3/28	27	4/26	32	10/14	31	10/24	25	11/ 3	24	11/30	16	11/30	16	267	249	221	210	171
BELOIT	97	7/31	-19	1/ 6	3/ 8	9	3/11	18	3/27	21	3/27	21	3/28	29	10/14	32	10/24	28	11/30	18	11/30	18	12/17	16	284	264	248	211	200
BRODHEAD	98	7/31	-24	1/ 5	3/13	13	3/26	19	3/27	22	3/27	22	4/20	32	10/ 4	32	10/24	21	10/24	21	11/30	16	11/30	16	262	249	211	211	167
CHARMANY FARM	97	7/31	-20	1/ 5	3/10	14	3/13	19	3/26	24	3/27	28	3/27	28	10/ 4	32	10/24	26	11/29	24	11/30	18	12/16	15	281	262	248	211	191
FORT ATKINSON	98	7/31	-21	1/ 5	3/12	15	3/26	19	3/27	23	3/27	23	4/26	31	9/21	30	10/24	23	10/24	23	11/30	15	11/30	15	263	249	211	211	148
HORICON	96	7/31	-23	1/ 6	3/10	16	3/26	20	3/26	20	3/28	28	4/14	32	10/ 4	32	10/24	24	10/24	24	11/30	17	12/17	9	282	249	212	210	173
LAKE MILLS	99	7/31	-20	1/ 6	3/ 8	10	3/28	20	3/28	20	3/29	26	4/24	32	10/ 4	32	MSG	MSG	MSG	MSG	MSG	MSG	MSG	MSG	MSG	MSG	MSG	MSG	MSG
MADISON WSO AIRPORT //R	97	7/30	-20	1/ 5	3/13	15	3/26	18	3/27	23	3/27	23	4/25	32	10/ 2	32	10/18	28	10/23	24	10/24	19	11/30	13	262	212	210	205	160
PORTAGE	100	7/31	-24	1/ 5	3/13	15	3/15	20	3/26	21	3/26	21	4/13	30	10/ 3	31	10/24	25	11/ 4	22	11/30	16	11/30	16	262	260	223	212	173
STOUGHTON	97	7/31	-23	1/ 5	3/11	16	3/26	20	3/26	20	3/26	20	4/25	32	10/14	31	10/24	22	10/24	22	11/30	16	11/30	16	264	249	212	212	172
WATERTOWN	96	7/31	-20	1/ 5	3/ 8	10	3/26	20	3/26	20	3/27	25	4/15	30	10/ 4	32	10/24	25	10/25	24	11/30	17	12/17	12	284	249	213	211	172
WISCONSIN DELLS	100	7/31	-29	1/ 5	3/25	16	3/27	20	3/27	20	4/24	28	5/14	32	9/21	30	10/ 3	28	10/18	24	10/24	17	11/28	16	248	211	205	162	130
SOUTHEAST	09																												
BURLINGTON	100	7/31	-22	1/ 6	3/13	14	3/27	19	3/27	19	4/26	28	4/26	28	10/14	29	10/24	23	10/24	23	11/30	15	11/30	15	262	248	211	181	171
GERMANTOWN	96	7/31	-21	1/ 5	3/15	14	3/27	20	3/27	20	4/20	28	4/26	29	10/ 3	32	10/14	28	10/24	24	11/30	14	11/30	14	260	248	211	177	160
HARTFORD 2 W	105	7/31	-28	1/ 5	3/13	15	3/26	18	3/27	22	4/13	28	4/25	29	10/ 4	30	10/14	28	10/24	20	10/24	20	11/30	14	262	212	211	184	162
KENOSHA	104	7/30	-14	1/ 5	2/14	15	3/ 7	17	3/27	24	3/27	24	4/25	31	10/24	28	10/24	28	11/29	22	12/17	19	12/18	14	307	285	247	211	182
LAKE GENEVA	103	7/30	-15	1/ 5	3/10	14	3/14	20	3/27	23	3/27	23	4/25	31	10/18	31	10/24	25	11/25	24	11/30	18	12/17	16	282	261	243	211	176
MILWAUKEE MT MARY COL	104	7/31	-13	1/ 6	3/ 9	16	3/15	20	3/26	22	3/27	25	4/25	32	10/18	32	10/24	27	11/30	19	11/30	19	12/17	13	283	260	249	211	176
MILWAUKEE WSO AIRPORT R	99	7/30	-15	1/ 5	3/ 7	11	3/13	20	3/27	21	3/27	21	4/25	30	10/24	29	11/ 4	26	11/30	21	12/16	18	12/17	14	285	278	248	222	182
OCONOMOWOC	95	7/31	-22	1/ 5	3/12	15	3/26	19	3/27	22	3/27	22	4/25	31	10/ 4	32	10/18	28	10/24	23	11/30	15	11/30	15	263	249	211	205	162
PORT WASHINGTON	98	7/ 4	-10	1/ 5	3/ 7	9	3/11	19	3/25	24	3/27	25	4/25	32	10/23	32	10/24	28	11/ 4	24	12/16	14	12/16	14	284	280	224	211	181
RACINE	102	7/31	-16	1/ 5	3/ 7	16	3/ 8	20	3/12	22	3/27	26	4/16	31	10/24	28	10/24	28	11/30	23	12/17	18	12/18	15	286	284	263	211	191
SULLIVAN 3 SE	98	7/31	-21	1/ 6	3/13	16	3/27	19	3/27	19	3/28	26	4/25	32	10/ 4	30	10/19	27	10/24	23	10/25	20	11/30	15	262	212	211	205	162
UNION GROVE	101	7/30	-20	1/ 4	3/14	16	3/27	19	3/27	19	3/27	19	4/24	29	10/15	30	10/24	25	11/ 4	19	11/ 4	19	11/30	15	261	222	222	211	174
WAUKESHA	100	7/31	-19	1/ 5	3/ 8	16	3/15	18	3/26	21	3/26	21	4/25	31	10/14	30	10/24	24	10/24	24	11/30	16	11/30	16	267	260	212	211	172
WEST ALLIS	100	7/31			3/ 8	11	3/14	20	3/26	24	3/27	27	4/12	32	10/24	27	10/24	27	11/30	21	12/17	12	12/17	12	284	278	249	211	195
WEST BEND	94	7/30	-17	1/ 5	3/15	13	3/26	19	3/28	22	3/28	22	4/25	29	10/ 2	31	10/24	24	10/24	24	11/ 4	19	11/30	15	260	223	210	210	160
WHITEWATER	96	7/31	-19	1/ 5	3/12	15	3/27	17	3/27	17	3/27	17	4/30	32	10/ 3	32	10/14	28	10/24	24	11/30	14							

**MONTHLY AND SEASONAL COOLING DEGREE DAYS
BASE = 65 DEGREES FAHRENHEIT**

WISCONSIN
1999

STATION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL	SEASONAL NORM
WISCONSIN NORTHWEST 01														
AMERY	0	0	0	0	26	113	259	105	47	0	0	0	550	411
ASHLAND 3 S	0	0	-	-	B 10	B 73	B 176	B 75	B 32	B 0	0	0	-	-
ASHLAND EXP FARM	-	B 0	B 0	B 0	-	-	-	-	-	-	-	B 0	-	261
BAYFIELD 6 N	0	0	B 0	0	26	59	181	51	33	0	0	0	B 350	197
BIG FALLS HYDRO	-	B 0	B 0	-	-	B 46	B 146	B 18	-	-	-	-	-	-
BLOOMER	0	0	0	0	B 33	121	276	94	46	B 0	0	0	B 570	517
BRULE R S	0	0	0	0	22	83	173	40	38	0	0	0	0	356
CLAM LAKE 10 SW	B 0	B 0	B 0	B 0	6	B 56	B 139	B 19	B 33	B 0	B 0	0	B 253	-
COUDERAY 7 W	0	0	0	0	14	91	203	59	37	0	0	B 0	B 404	478
CUMBERLAND	0	0	0	0	10	107	264	112	44	0	0	0	537	494
DANBURY	0	0	0	0	26	99	226	76	-	0	0	0	-	322
DRUMMOND	0	0	B 0	0	23	106	222	B 78	44	0	0	0	B 473	-
FOXBORO	0	B 0	B 0	B 0	B 14	B 48	B 152	B 58	33	B 0	-	B 0	-	230
GORDON	0	0	0	0	29	99	211	52	42	0	0	0	433	253
GRANTSBURG	0	0	0	0	31	105	252	90	48	0	0	0	526	360
HAYWARD RANGER STN	0	0	0	0	21	104	207	66	47	0	0	0	445	-
HOLCOMBE	-	-	B 0	-	-	-	-	-	B 46	-	-	-	-	469
LUCK	0	0	0	0	19	106	265	109	50	0	0	0	549	399
MINONG 5 WSW	0	0	B 0	0	23	105	240	92	45	0	0	0	B 505	361
PATTISON STATE PARK	B 0	B 0	B 0	B 0	B 21	B 38	B 191	B 50	B 34	B 0	B 0	-	-	-
PORT WING	0	0	0	0	B 24	45	177	B 61	B 38	0	0	0	B 345	223
RICE LAKE	0	0	0	0	22	109	247	71	38	0	0	0	487	416
ST CROIX FALLS	0	0	0	0	30	159	334	177	64	0	0	0	764	539
SOLOM SPRINGS	0	0	0	0	23	94	194	63	46	0	0	0	420	279
SPOONER EXPERMNT FARM	0	0	0	0	23	116	262	116	49	0	0	0	566	376
STANLEY	0	0	0	B 0	B 14	B 103	B 206	50	38	0	0	0	B 411	365
SUPERIOR	0	0	0	0	B 13	26	B 181	B 65	-	-	B 0	0	-	206
WEYERHAUSER	0	0	0	0	13	99	238	B 79	B 42	0	0	0	B 471	341
WINTER	0	0	0	0	9	B 69	169	29	40	0	0	0	B 316	181
NORTH CENTRAL 02														
BUTTERNUT 3 N	0	0	0	-	-	-	-	-	-	-	-	B 0	-	-
EAGLE RIVER	0	0	0	0	11	84	171	27	28	0	0	0	321	-
GURNEY	0	0	0	0	30	78	174	37	56	0	0	0	375	246
HURLEY	0	0	0	0	20	98	188	59	52	0	0	0	417	-
JUMP RIVER 3 E	B 0	0	B 0	0	B 1	-	-	B 48	36	B 0	0	0	-	250
LONG LAKE DAM	-	-	-	-	-	-	-	-	-	-	-	-	-	178
MADELINE ISLAND	0	0	0	0	20	55	185	79	35	0	0	B 0	B 374	192
MEDFORD	0	0	0	0	13	99	210	51	34	0	0	0	407	262
MELLEN 4 NE	0	0	0	0	32	72	180	B 44	49	0	0	0	B 377	229
MERRILL	0	0	0	0	10	107	217	50	36	0	0	0	420	311
MINOCQUA DAM	0	0	0	0	12	83	183	39	32	0	0	0	349	207
NEILLSVILLE 3 SW	0	0	0	0	8	105	217	60	26	0	0	0	416	378
NORTH PELICAN	0	B 0	0	B 0	1	B 66	150	14	23	B 0	B 0	B 0	B 254	202
OWEN 3 W	0	B 0	0	0	18	97	B 202	B 51	33	0	B 0	0	B 401	297
PARK FALLS DNR HQ	0	0	B 0	0	17	82	180	36	38	0	0	B 0	B 353	251
PRENTICE NO. 2	0	B 0	B 0	0	B 13	B 79	189	36	B 30	B 0	0	B 0	B 347	169
REST LAKE	B 0	0	0	0	15	85	176	38	42	0	0	0	B 356	220
RHINELANDER	0	B 0	0	0	9	104	231	69	43	0	0	0	B 456	261
RICE RESRVR TOMAHAWK 2	0	0	0	0	13	88	175	34	27	0	0	0	337	-
ROSHOLT 9 NNE	0	0	0	0	13	91	173	36	B 27	B 0	B 0	0	B 340	372
ST GERMAIN 2 E	0	0	0	0	B 8	60	144	B 25	26	0	0	0	B 263	-
WAUSAU FAA AIRPORT	0	0	0	0	19	136	292	99	41	0	0	0	587	402
WILLOW RESERVOIR	0	0	0	0	11	69	165	33	27	0	0	0	305	207
NORTHEAST 03														
ANTIGO	0	B 0	B 0	B 0	B 17	B 73	B 175	B 35	B 7	0	B 0	0	B 307	219
BOWLER	-	-	-	B 0	-	-	-	-	-	-	-	-	-	236
CRIVITZ HIGH FALLS	0	0	0	0	B 18	100	176	B 36	B 34	-	B 0	0	-	313
FLORENCE	0	0	0	0	14	86	168	33	27	0	0	0	328	-

Heating Degree Days data found in July issue of Climatological Data

**MONTHLY AND SEASONAL COOLING DEGREE DAYS
BASE = 65 DEGREES FAHRENHEIT**

WISCONSIN
1999

STATION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL	SEASONAL NORM
GOODMAN	0	0	0	0	5	69	149	22	20	B 0	0	0	B 265	186
LAKEWOOD 3 NE	0	0	0	0	16	104	211	57	B 28	0	B 0	0	B 416	
LAONA 6 SW	0	0	0	0	10	61	126	20	22	0	0	0	239	163
MARINETTE	0	0	B 0	0	26	135	B 289	135	B 70	0	0	0	B 655	451
OCONTO 4 W	0	0	0	0	23	126	219	65	28	0	0	0	461	327
SHAWANO 2 SSW	0	0	0	0	27	142	253	79	33	0	0	0	534	367
SURING	0	0	0	0	10	123	231	84	31	0	0	0	479	284
WEST CENTRAL 04														
ALMA DAM 4	0	0	0	0	36	130	B 307	112	66	0	0	0	B 651	634
BLAIR	0	0	0	0	20	119	257	82	43	0	0	0	521	424
CASHTON	0	0	0	0	32	147	317	B 118	52	0	0	0	B 666	525
EAU CLAIRE FAA AIRPORT	0	0	0	0	29	145	311	119	49	0	0	0	653	507
ELLSWORTH 1 E	0	0	0	0	19	121	270	103	48	0	0	0	561	564
FAIRCHILD RANGER STA	-	B 0	B 0	B 0	-	B 84	B 248	B 69	-	B 0	B 0	-	-	407
LA CROSSE FAA AIRPORT	B 0	B 0	0	0	55	209	384	169	59	0	0	0	B 876	692
MATHER 3 NW	B 0	0	0	0	17	106	240	73	33	0	0	0	B 469	371
MENOMONIE	0	0	0	0	32	153	336	155	65	0	0	0	741	581
MONDOVI	0	0	0	0	34	154	342	152	74	0	1	0	757	504
RIDGELAND 1 NNE	0	0	0	0	23	108	-	72	33	B 0	B 0	-	-	395
RIVER FALLS	B 0	0	0	0	14	117	B 286	94	B 47	0	0	0	B 558	576
SPARTA	0	0	0	0	37	157	330	131	57	0	0	0	709	464
TREMPEALEAU DAM 6	B 0	0	0	0	37	182	399	162	50	0	0	0	B 830	632
CENTRAL 05														
CLINTONVILLE	0	0	0	0	26	122	253	59	-	0	0	0	-	378
DALTON	0	0	0	0	32	164	318	123	52	0	0	0	689	522
HANCOCK EXP FARM	0	0	0	0	28	118	235	76	44	0	0	0	501	491
MARSHFIELD EXP FARM	0	0	0	0	26	124	246	89	37	0	0	0	522	393
MAUSTON 1 SE	0	0	0	0	31	B 128	B 301	B 104	B 48	B 0	0	0	B 612	442
MONTELLO	0	0	0	0	34	149	297	108	41	0	0	0	629	490
NECEDAH	0	0	0	1	28	170	334	135	60	0	0	0	728	516
NEW LONDON	0	0	B 0	0	22	111	244	77	34	0	0	0	B 488	450
STEVENS POINT	0	0	0	0	25	127	250	85	38	0	0	0	525	431
WAUPACA	0	0	0	0	26	140	296	98	40	0	0	0	600	471
WISCONSIN RAPIDS	0	0	0	0	20	143	281	97	41	0	0	0	582	441
EAST CENTRAL 06														
APPLETON	0	0	0	0	34	151	286	96	53	0	0	0	620	539
BRILLION	0	0	0	0	23	135	247	49	34	0	0	0	488	
CHILTON	0	0	0	0	33	156	302	100	44	0	0	0	635	457
FOND DU LAC	0	0	0	0	34	163	313	111	61	0	1	0	683	562
GREEN BAY AUSTIN STRAU R	0	0	0	0	15	122	237	66	40	0	0	0	480	381
GREEN BAY BOTANICAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KEWAUNEE 3 NW	B 0	B 0	0	B 0	16	B 88	B 256	B 77	B 24	B 0	-	B 0	-	279
MANITOWOC	0	0	0	0	B 18	B 109	295	129	B 42	0	B 0	B 0	B 593	374
OSHKOSH	0	0	0	0	40	182	326	137	65	0	0	0	750	522
PLYMOUTH	0	0	0	0	28	135	288	91	38	0	0	0	580	499
SEYMOUR	-	-	B 0	B 0	-	B 114	-	B 78	-	-	-	B 0	-	-
SHEBOYGAN	-	0	0	0	B 24	B 89	B 333	146	52	B 0	0	0	-	472
STURGEON BAY EXP FARM	0	0	0	0	13	86	239	114	39	0	0	0	491	314
TWO RIVERS	0	0	0	0	4	14	170	79	27	B 0	0	0	B 294	187
WASHINGTON ISLAND	0	0	0	0	0	40	190	84	35	0	0	0	349	182
SOUTHWEST 07														
BARABOO	0	0	0	0	11	128	B 249	52	28	0	0	0	B 468	446
DARLINGTON	0	0	0	0	23	154	322	95	31	0	0	0	625	542
GAYS MILLS	B 0	0	B 0	0	12	-	303	B 109	B 23	B 0	0	0	-	-
GENOA DAM 8	0	0	0	0	39	169	383	174	60	0	0	0	825	677
HILLSBORO	0	0	0	0	19	133	299	101	34	0	0	0	586	466
LANCASTER 4 WSW	0	0	0	0	29	141	309	108	42	0	0	0	629	582
LYNXVILLE DAM 9	0	0	0	0	41	194	398	191	62	0	1	0	887	758
PLATTEVILLE	0	0	0	0	22	178	328	108	50	-	0	0	-	644
PRAIRIE DU CHIEN	0	0	0	0	42	162	390	170	62	2	2	0	830	809

Heating Degree Days data found in July issue of Climatological Data

**MONTHLY AND SEASONAL COOLING DEGREE DAYS
BASE = 65 DEGREES FAHRENHEIT**

WISCONSIN
1999

STATION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL	SEASONAL NORM
PRAIRIE DU SAC 2 N	-	-	B 0	B 0	-	B 139	-	-	-	-	-	-	-	602
RICHLAND CENTER	0	0	0	0	19	138	304	124	34	0	0	0	619	527
ROCK SPRINGS 3 SW	0	0	0	0	10	152	279	63	49	0	0	0	553	
VIROQUA 2 S	0	0	0	0	2	116	261	72	32	0	0	B 0	B 483	447
SOUTH CENTRAL 08														
AFTON	0	0	0	B 0	37	175	358	B 126	47	0	0	0	B 743	
ARBORETUM UNIV WIS	B 0	0	0	B 0	30	B 128	B 320	117	B 31	0	0	B 0	B 626	
ARLINGTON UNIV FARM	0	0	0	0	31	149	311	88	45	0	0	0	624	521
BEAVER DAM	0	0	0	0	30	156	311	114	47	0	0	0	658	563
BELOIT	0	0	0	0	44	173	361	134	51	0	0	B 0	B 763	636
BRODHEAD	0	0	0	0	39	178	349	124	42	0	0	0	732	540
CHARMAN FARM	0	0	0	B 0	39	169	B 334	133	51	0	0	0	B 726	562
FORT ATKINSON	0	0	0	0	40	B 190	364	B 128	B 53	B 0	0	0	B 775	567
HORICON	0	B 0	0	0	30	156	306	90	43	0	0	0	B 625	453
LAKE MILLS	0	0	B 0	0	30	142	356	B 122	B 32	B 0	-	B 0	-	644
MADISON WSO AIRPORT //R	0	0	0	0	24	161	315	95	42	0	0	0	637	485
PORTAGE	0	0	0	0	34	170	335	125	50	0	0	0	714	505
STOUGHTON	0	0	0	B 0	31	173	335	128	46	0	0	0	B 713	551
WATERTOWN	0	0	0	0	42	181	348	117	54	0	0	0	742	593
WISCONSIN DELLS	0	B 0	0	0	25	141	278	81	36	0	0	0	B 561	467
SOUTHEAST 09														
BURLINGTON	0	0	0	B 0	23	B 140	330	B 92	27	B 0	B 0	0	B 612	521
GERMANTOWN	0	0	0	0	27	140	B 283	92	41	B 0	0	0	B 583	389
HARTFORD 2 W	0	0	B 0	B 0	50	227	388	142	54	B 0	0	0	B 861	423
KENOSHA	0	0	0	0	15	109	402	169	43	0	1	0	739	410
LAKE GENEVA	0	0	0	0	50	208	460	199	85	4	0	0	1006	714
MILWAUKEE MT MARY COL	0	0	0	0	48	208	433	185	80	0	0	B 0	B 954	725
MILWAUKEE WSO AIRPORT R	B 0	0	0	0	31	151	363	136	71	0	1	0	753	479
OCONOMOWOC	0	0	0	0	33	152	315	112	54	0	0	0	666	524
PORT WASHINGTON	0	0	0	0	13	50	284	116	46	0	3	0	512	370
RACINE	0	0	0	0	19	94	356	185	62	0	0	0	716	509
SULLIVAN 3 SE	0	0	0	0	30	159	315	89	B 47	0	0	0	B 640	
UNION GROVE	0	0	0	B 0	B 34	169	B 368	129	59	0	0	B 0	B 759	
WAUKESHA	0	B 0	0	B 0	44	B 178	355	146	74	0	0	0	B 797	600
WEST ALLIS	-	0	0	0	49	201	398	170	70	0	0	B 0	-	708
WEST BEND	0	0	0	0	B 14	103	257	56	32	0	0	0	B 462	454
WHITEWATER	0	0	0	0	42	175	350	106	50	0	0	0	723	529

SOILS REFERENCE NOTES

WISCONSIN
1999

STATION	SOIL TYPE	SOIL COVER	SLOPE	UNITS
RAINBOW RESERVOIR	VILAS SANDY LOAM	SOD	1-5% TO S	F

WISCONSIN
1999

TOTAL EVAPORATION AND WIND MOVEMENT

STATION		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
WISCONSIN														
CENTRAL	05													
MARSHFIELD EXP FARM														
	WIND	-	-	-	-	-	238	229	177	197	-	-	-	-
	EVAP	-	-	-	-	-	6.71	B 8.75	B 5.92	4.23	-	-	-	-
	MAX TEMP	-	-	-	-	M -	80.0	85.5	79.1	69.4	M -	-	-	M -
	MIN TEMP	-	-	-	-	M -	56.0	63.7	58.5	48.1	M -	-	-	M -
SOUTH CENTRAL	08													
ARLINGTON UNIV FARM														
	WIND	-	-	-	-	-	B 1609	1571	1444	1612	-	-	-	-
	EVAP	-	-	-	-	-	7.26	8.89	B 5.85	B 5.54	-	-	-	-
	MAX TEMP	-	-	-	-	-	81.7	88.8	80.7	72.2	-	-	-	M -
	MIN TEMP	-	-	-	-	-	56.7	65.4	58.5	50.4	-	-	-	M -

WISCONSIN
1999

STATION INDEX

STATION	INDEX NO.	DIVISION NO.	COUNTY	LATITUDE	LONGITUDE	ELEVATION FEET	YEARS OF RECORD			OPENED OR CLOSED DURING YR		SEE REFERENCE NOTES
							TEMP.	PRECIP.	EVAP.	MONTH OPENED	MONTH CLOSED	
WISCONSIN												
AFTON	0045	08	ROCK	42 37	89 4W	742	14	14	0			C H
ALMA DAM 4	0124	04	BUFFALO	44 20	91 56W	670	45	63	0			C H
AMERY	0175	01	POLK	45 18	92 22W	1070	79	79	0			H
ANTIGO	0239	03	LANGLADE	45 9	89 7W	1521	106	106	0			H
APPLETON	0265	06	OUTAGAMIE	44 15	88 22W	750	97	97	0			H
ARBORETUM UNIV WIS	0273	08	DANE	43 3	89 24W	865	30	30	0			H
ARLINGTON UNIV FARM	0308	08	COLUMBIA	43 18	89 21W	1080	38	38	36			C H
ASHLAND 3 S	0347	01	ASHLAND	46 33	90 55W	826	2	2	0			H
ASHLAND EXP FARM	0349	01	BAYFIELD	46 34	90 58W	650	98	101	0			C H
BABCOCK 1 WNW	0456	05	WOOD	44 18	90 8W	980	0	4	0			C H
BALDWIN	0486	04	ST. CROIX	44 58	92 23W	1100	0	54	0			H
BARABOO	0516	07	SAUK	43 27	89 44W	823	47	62	0			H
BAYFIELD 6 N	0603	01	BAYFIELD	46 53	90 49W	820	80	80	0			H
BEAVER DAM	0645	08	DODGE	43 27	88 51W	840	51	63	0			H
BELOIT	0696	08	ROCK	42 30	89 2W	780	110	151	0			H
BIG FALLS HYDRO	0773	01	RUSK	45 33	90 57W	1220	17	44	0			H
BLACK RIVER FALLS SEWA	0855	04	JACKSON	44 17	90 51W	810	0	8	0			C H
BLAIR	0882	04	TREMPEALEAU	44 18	91 14W	860	110	110	0			H
BLANCHARDVILLE NO 2	0892	07	LAFAYETTE	42 48	89 52W	833	0	47	0			H
BLOOMER	0904	01	CHIPPEWA	45 6	91 29W	980	54	57	0			H
BLUE MOUNDS 6 SSE	0929	08	DANE	43 1	89 44W	860	0	38	0			H
BOWLER	0991	03	SHAWANO	44 51	88 59W	1080	41	63	0			H
BRILLION	1064	06	CALUMET	44 9	88 5W	810	2	77	0			H
BRODHEAD	1078	08	GREEN	42 37	89 23W	790	104	104	0			H
BRULE R S	1131	01	DOUGLAS	46 32	91 36W	1000	3	70	0			H
BUCKATABON	1155	02	VILAS	46 1	89 18W	1650	0	56	0			H
BURLINGTON	1205	09	RACINE	42 39	88 15W	751	49	55	0			H
BUTTERNUT 3 N	1249	02	ASHLAND	46 3	90 31W	1557	3	3	0			H
CASHTON	1280	04	MONROE	43 45	90 47W	1380	49	42	0			H
CEDAR FALLS HYDRO PLT	1308	04	DUNN	44 56	91 54W	834	0	49	0			H
CHARMANY FARM	1416	08	DANE	43 4	89 29W	910	38	38	0			C H
CHILTON	1568	06	CALUMET	44 2	88 9W	840	74	74	0			C H
CLAM LAKE 10 SW	1618	01	SAWYER	46 3	91 4W	1377	2	2	0			H
CLINTON	1667	08	ROCK	42 33	88 50W	960	0	60	0			C H
CLINTONVILLE	1676	05	WAUPACA	44 37	88 45W	800	48	60	0			C H
COUDERAY 7 W	1847	01	SAWYER	45 48	91 28W	1300	49	59	0			H
CRIVITZ HIGH FALLS	1897	03	MARINETTE	45 21	88 12W	1050	90	90	0			C H
CUBA CITY 2 NW	1913	07	GRANT	42 38	90 28W	900	0	6	0			C H
CUMBERLAND	1923	01	BARRON	45 32	92 1W	1240	69	69	0			H
DALTON	1970	05	GREEN LAKE	43 39	89 12W	860	56	56	0			H
DANBURY	1978	01	BURNETT	46 0	92 22W	925	82	82	0			H
DARLINGTON	2001	07	LAFAYETTE	42 41	90 6W	930	94	94	0			H
DODGEVILLE	2173	07	IOWA	42 59	90 7W	1110	77	77	0			H
DRUMMOND	2240	01	BAYFIELD	46 20	91 16W	1340	36	36	0			H
DURAND	2279	04	PEPIN	44 37	91 59W	760	0	10	0			H
EAGLE RIVER	2314	02	VILAS	45 55	89 15W	1645	10	55	0			H
EAU CLAIRE FAA AIRPORT	2428	04	CHIPPEWA	44 52	91 29W	888	51	51	0			H
EAU PLEINE RESERVOIR	2447	02	MARATHON	44 43	89 45W	1138	0	56	0			C H
ELLSWORTH 1 E	2556	04	PIERCE	44 44	92 28W	1030	59	59	0			H
FAIRCHILD RANGER STA	2678	04	EAU CLAIRE	44 36	90 58W	1080	41	61	0			H
FLORENCE	2826	03	FLORENCE	45 56	88 15W	1305	3	3	0			H
FOND DU LAC	2839	06	FOND DU LAC	43 48	88 27W	760	115	115	0			H
FORT ATKINSON	2869	08	JEFFERSON	42 54	88 51W	800	59	59	0			H
FOXBORO	2889	01	DOUGLAS	46 29	92 17W	932	38	38	0			H
GALESVILLE	2996	04	TREMPEALEAU	44 5	91 21W	690	0	63	0			H
GAYS MILLS	3022	07	CRAWFORD	43 19	90 51W	700	15	23	0			H

STATION INDEX

STATION	INDEX NO.	DIVISION NO.	COUNTY	LATITUDE	LONGITUDE	ELEVATION FEET	YEARS OF RECORD			OPENED OR CLOSED DURING YR		SEE REFERENCE NOTES
							TEMP.	PRECIP.	EVAP.	MONTH OPENED	MONTH CLOSED	
GENOA DAM 8	3038	07	VERNON	43 34	91 14W	639	52	63	0			C H
GERMANTOWN	3058	09	WASHINGTON	43 13	88 7W	850	57	57	0			H
GOODMAN	3174	03	MARINETTE	45 38	88 21W	1430	39	39	0			H
GOODRICH 1 E	3182	02	TAYLOR	45 9	90 4W	1390	0	56	0			H
GORDON	3186	01	DOUGLAS	46 15	91 48W	1040	49	49	0			H
GRANTSBURG	3244	01	BURNETT	45 46	92 41W	990	50	50	0			H
GREEN BAY AUSTIN STRAU R	3269	06	BROWN	44 29	88 8W	687	115	115	0			C HJ
GREEN BAY BOTANICAL	3271	06	BROWN	44 28	88 9W	920	1	1	0	NOV		H
GURNEY	3332	02	IRON	46 28	90 31W	970	48	48	0			H
HANCOCK EXP FARM	3405	05	WAUSHARA	44 7	89 32W	1076	109	109	0			H
HARTFORD 2 W	3453	09	WASHINGTON	43 20	88 25W	980	56	62	0			C H
HATFIELD HYDRO PLANT	3471	04	JACKSON	44 23	90 46W	830	103	103	0		MAR	H
HAYWARD RANGER STN	3511	01	SAWYER	46 0	91 29W	1200	3	69	0			C H
HILES	3636	03	FOREST	45 40	88 58W	1633	0	2	0			C H
HILLSBORO	3654	07	VERNON	43 39	90 20W	940	110	110	0			H
HOLCOMBE	3698	01	CHIPPEWA	45 13	91 8W	1025	59	72	0			H
HORICON	3756	08	DODGE	43 26	88 38W	880	98	98	0			C H
HURLEY	3800	02	IRON	46 28	90 12W	970	14	14	0			H
JUMP RIVER 3 E	4080	02	TAYLOR	45 22	90 46W	1265	39	61	0			H
KENOSHA	4174	09	KENOSHA	42 34	87 49W	600	58	58	0			H
KEWAUNEE 3 NW	4195	06	KEWAUNEE	44 29	87 32W	702	87	87	0			H
LA CROSSE 4 NNW	4366	04	LA CROSSE	43 52	91 16W	660	0	2	0	JAN		H
LA CROSSE FAA AIRPORT	4370	04	LA CROSSE	43 52	91 15W	651	66	66	0			HJ
LAC VIEUX DESERT	4383	02	VILAS	46 7	89 7W	1690	0	56	0			H
LA FARGE	4404	07	VERNON	43 34	90 38W	810	0	9	0			C H
LAKE GENEVA	4457	09	WALWORTH	42 36	88 26W	880	56	56	0			H
LAKE MILLS	4482	08	JEFFERSON	43 5	88 55W	852	108	110	0			H
LAKEWOOD 3 NE	4523	03	OCONTO	45 19	88 30W	1290	33	33	0			H
LANCASTER 4 WSW	4546	07	GRANT	42 50	90 47W	1040	108	108	0			C H
LAONA 6 SW	4582	03	FOREST	45 30	88 46W	1525	73	73	0			H
LONG LAKE DAM	4829	02	ONEIDA	45 53	89 8W	1630	93	93	0			H
LUCK	4894	01	POLK	45 35	92 29W	1220	49	59	0			C H
LYNXVILLE DAM 9	4937	07	CRAWFORD	43 13	91 6W	633	61	61	0			C H
MADLINE ISLAND	4953	02	ASHLAND	46 47	90 46W	660	56	56	0			H
MADISON WSO AIRPORT //R	4961	08	DANE	43 8	89 21W	858	68	68	0			C HJ
MANITOWOC	5017	06	MANITOWOC	44 5	87 41W	660	117	138	0			H
MARINETTE	5091	03	MARINETTE	45 5	87 38W	610	82	82	0			H
MARSHFIELD EXP FARM	5120	05	WOOD	44 38	90 8W	1250	88	88	61			C H
MARTINTOWN 2 E	5148	08	GREEN	42 30	89 45W	940	0	42	0			H
MATHER 3 NW	5164	04	JACKSON	44 11	90 22W	970	98	98	0			H
MAUSTON 1 SE	5178	05	JUNEAU	43 47	90 4W	865	55	83	0			H
MEDFORD	5255	02	TAYLOR	45 8	90 21W	1470	111	112	0			C H
MELLEN 4 NE	5286	02	ASHLAND	46 22	90 39W	1300	75	75	0			H
MENOMONIE	5335	04	DUNN	44 53	91 56W	780	67	68	0			C H
MERRILL	5364	02	LINCOLN	45 10	89 40W	1253	96	96	0			C H
MILWAUKEE MT MARY COL	5474	09	MILWAUKEE	43 4	88 2W	726	54	54	0			H
MILWAUKEE WSO AIRPORT R	5479	09	MILWAUKEE	42 57	87 54W	672	74	74	0			C HJ
MINOCQUA DAM	5516	02	ONEIDA	45 52	89 43W	1580	98	98	0			H
MINONG 5 WSW	5525	01	WASHBURN	46 4	91 52W	1075	37	37	0			H
MONDOVI	5563	04	BUFFALO	44 34	91 41W	830	93	92	0			H
MONROE 1 W	5573	08	GREEN	42 36	89 40W	990	0	61	0			H
MONTELLO	5581	05	MARQUETTE	43 47	89 19W	786	93	105	0			H
MUSCODA	5718	07	IOWA	43 11	90 26W	685	0	64	0			H
NECEDAH	5786	05	JUNEAU	44 2	90 5W	925	47	47	0			H
NEILLSVILLE 3 SW	5808	02	CLARK	44 32	90 38W	1035	112	122	0			H
NEW LONDON	5932	05	OUTAGAMIE	44 21	88 43W	805	104	104	0			H
NORTH PELICAN	6122	02	ONEIDA	45 38	89 15W	1610	46	56	0			H

STATION INDEX

STATION	INDEX NO.	DIVISION NO.	COUNTY	LATITUDE	LONGITUDE	ELEVATION FEET	YEARS OF RECORD			OPENED OR CLOSED DURING YR		SEE REFERENCE NOTES
							TEMP.	PRECIP.	EVAP.	MONTH OPENED	MONTH CLOSED	
OCONOMOWOC	6200	09	WAUKESHA	43 6	88 30W	856	62	62	0			H
OCONTO 4 W	6208	03	OCONTO	44 53	87 57W	660	111	111	0			H
ONTARIO 1 SSE	6280	07	VERNON	43 43	90 35W	880	0	23	0			H
OSHKOSH	6330	06	WINNEBAGO	44 1	88 33W	750	112	112	0			H
OWEN 3 W	6357	02	CLARK	44 58	90 36W	1242	55	55	0			H
PARK FALLS DNR HQ	6398	02	PRICE	45 56	90 27W	1525	91	91	0			C H
PATTISON STATE PARK	6413	01	DOUGLAS	46 32	92 7W	1100	2	2	0			C H
PESHTIGO	6510	03	MARINETTE	45 1	87 44W	600	0	8	0			C H
PHELPS	6518	02	VILAS	46 4	89 4W	1776	0	91	0			C H
PLATTEVILLE	6646	07	GRANT	42 45	90 29W	1007	49	74	0			H
PLYMOUTH	6678	06	SHEBOYGAN	43 44	87 58W	834	91	91	0			H
PORTAGE	6718	08	COLUMBIA	43 32	89 26W	775	108	112	0			C H
PORT WASHINGTON	6764	09	OZAUKEE	43 23	87 52W	600	41	71	0			H
PORT WING	6772	01	BAYFIELD	46 47	91 23W	651	49	49	0			H
PRAIRIE DU CHIEN	6827	07	CRAWFORD	43 2	91 9W	658	115	120	0			H
PRAIRIE DU SAC 2 N	6838	07	SAUK	43 19	89 44W	780	93	93	0			H
PRENTICE NO. 2	6859	02	PRICE	45 31	90 17W	1540	103	103	0			H
RACINE	6922	09	RACINE	42 42	87 47W	595	107	108	0			H
READSTOWN	7015	07	VERNON	43 27	90 46W	798	0	43	0			H
REST LAKE	7092	02	VILAS	46 7	89 53W	1610	91	91	0			H
RHINELANDER	7113	02	ONEIDA	45 37	89 25W	1580	96	99	0			H
RIB FALLS	7121	02	MARATHON	44 58	89 54W	1290	0	56	0			H
RICE LAKE	7132	01	BARRON	45 25	91 47W	1103	49	61	0			C H
RICE RESRVR TOMAHAWK 2	7142	02	LINCOLN	45 32	89 44W	1460	2	2	0			H
RICHLAND CENTER	7158	07	RICHLAND	43 19	90 22W	723	85	85	0			H
RIDGELAND 1 NNE	7174	04	BARRON	45 13	91 53W	960	39	61	0			H
RIPON 5 NE	7209	06	FOND DU LAC	43 53	88 45W	930	0	67	0			H
RIVER FALLS	7226	04	PIERCE	44 51	92 37W	915	83	83	0			H
ROCK SPRINGS 3 SW	7319	07	SAUK	43 27	89 58W	1260	9	9	0			H
ROSHOLT 9 NNE	7349	02	MARATHON	44 45	89 14W	1160	49	49	0			H
ST CROIX FALLS	7464	01	POLK	45 25	92 39W	770	50	50	0			H
ST GERMAIN 2 E	7480	02	VILAS	45 54	89 26W	1645	30	30	0			H
SEYMOUR	7636	06	OUTAGAMIE	44 30	88 20W	794	2	18	0			H
SHAWANO 2 SSW	7708	03	SHAWANO	44 45	88 37W	810	105	105	0			H
SHEBOYGAN	7725	06	SHEBOYGAN	43 45	87 43W	648	104	102	0			H
SHELDON	7745	02	RUSK	45 18	90 58W	1093	1	9	0			H
SOLON SPRINGS	7892	01	DOUGLAS	46 21	91 49W	1080	95	95	0			H
SPARTA	7997	04	MONROE	43 56	90 49W	782	69	69	0			H
SPIRIT FALLS	8018	02	LINCOLN	45 27	89 58W	1470	0	56	0			H
SPOONER EXPERMNT FARM	8027	01	WASHBURN	45 49	91 53W	1100	107	107	0			C H
SPRING VALLEY	8080	04	PIERCE	44 50	92 15W	915	0	50	0			H
STANLEY	8110	01	CHIPPEWA	44 58	90 56W	1090	98	98	0			H
STEVENS POINT	8171	05	PORTAGE	44 30	89 35W	1079	108	108	0			H
STOUGHTON	8229	08	DANE	42 37	89 45W	840	46	68	0			H
STRATFORD 1 NW	8241	02	MARATHON	44 49	90 5W	1310	0	56	0			H
STURGEON BAY EXP FARM	8267	06	DOOR	44 52	87 20W	656	103	96	0			C H
SUGAR CAMP	8288	02	ONEIDA	45 52	89 23W	1605	0	56	0			H
SULLIVAN 3 SE	8316	09	JEFFERSON	42 58	88 33W	940	6	6	0			C H
SUMMIT LAKE	8324	03	LANGLADE	45 22	89 11W	1720	0	60	0			H
SUPERIOR	8349	01	DOUGLAS	46 42	92 1W	630	92	92	0			H
SURING	8376	03	OCONTO	44 59	88 23W	860	41	41	0			H
TREMPEALEAU DAM 6	8589	04	TREMPEALEAU	44 0	91 26W	660	51	64	55			C H
TWO RIVERS	8672	06	MANITOWOC	44 8	87 34W	599	50	50	0			H
UNION GROVE	8723	09	RACINE	42 41	88 2W	730	4	60	0			H
UPSON	8750	02	IRON	46 22	90 25W	1497	0	2	0			H
VIROQUA 2 S	8827	07	VERNON	43 32	90 52W	1160	111	111	0			H
WASHINGTON ISLAND	8905	06	DOOR	45 22	86 56W	612	56	56	0			H

STATION INDEX

STATION	INDEX NO.	DIVISION NO.	COUNTY	LATITUDE	LONGITUDE	ELEVATION FEET	YEARS OF RECORD			OPENED OR CLOSED DURING YR		SEE REFERENCE NOTES
							TEMP.	PRECIP.	EVAP.	MONTH OPENED	MONTH CLOSED	
WATERTOWN	8919	08	JEFFERSON	43 11	88 44W	825	110	110	0			H
WAUBEKA	8932	09	OZAUCKEE	43 28	87 59W	940	0	6	0			H
WAUKESHA	8937	09	WAUKESHA	43 1	88 14W	830	103	107	0			H
WAUPACA	8951	05	WAUPACA	44 21	89 5W	840	105	106	0			H
WAUSAU FAA AIRPORT	8968	02	MARATHON	44 55	89 38W	1196	106	106	0			H
WAUSAUKEE	8978	03	MARINETTE	45 22	87 57W	750	0	68	0			H
WEBSTER 9 SE	9012	01	BURNETT	45 47	92 14W	1005	0	2	0			H
WEST ALLIS	9046	09	MILWAUKEE	43 1	88 0W	723	38	38	0	FEB		H
WEST BEND	9050	09	WASHINGTON	43 22	88 5W	940	87	87	0			H
WESTBY	9062	07	VERNON	43 40	90 51W	1280	0	43	0			H
WEYERHAUSER	9144	01	RUSK	45 25	91 25W	1195	97	97	0			H
WHITE LAKE 3 NE	9176	03	LANGLADE	45 11	88 44W	1285	0	6	0			C H
WHITEWATER	9190	09	JEFFERSON	42 51	88 44W	875	47	60	0			H
WILLOW RESERVOIR	9236	02	ONEIDA	45 42	89 51W	1560	67	67	0			H
WINTER	9304	01	SAWYER	45 49	91 1W	1397	86	86	0			C H
WISCONSIN DELLS	9319	08	COLUMBIA	43 37	89 46W	835	78	78	0			H
WISCONSIN RAPIDS	9335	05	WOOD	44 23	89 48W	1040	105	103	0			H
WISCONSIN RPDS GRND AV	9345	05	WOOD	44 24	89 50W	1002	0	99	0			H

REFERENCE NOTES

DEFINITIONS

STATION NAMES: Name of the city, town or locality. Figures and letters following the station names indicate the distance in miles and direction from the post office or town community center.

DIVISIONS: Areas within a state of similar climatological characteristics. Division averages are calculated using data from stations that record both temperature and precipitation (i.e. not precipitation alone).

NORMALS: The average value of the meteorological element over a time period. Effective 1 January 1993, the averaging period is 1961 to 1990. The normals for National Weather Service localities have been adjusted so as to be representative for the current observation site.

TEMPERATURE EXTREMES AND FREEZE DATA: Spring minimum dates are obtained from data for January through June; Fall dates are from July through December data. "NONE" indicates temperature threshold not reached. "MSG" indicates available data insufficient to determine date.

MONTHLY DEGREE DAY TOTALS: One heating (cooling) degree day is accumulated for each whole degree that the daily mean temperature is below (above) 65 degrees Fahrenheit.

SOIL TEMPERATURE EXTREMES: The highest and lowest Max and Min temperature for each month and the year.

WIND: (As shown in the "Evaporation and Wind" table) the total wind movement in miles over the evaporation pan as determined by an anemometer recorder located 6-8 inches above the pan.

SYMBOLS AND LETTERS USED IN THE DATA TABLES

- No record. Data not recorded, determined unreliable by quality control checks, or not received in time for publication.
- * Rain gage not read. Precipitation is included in the amount following asterisks. Time distribution not known.
- // Rain gage equipped with a windshield.
- A Amount of precipitation is the total of observer's entries for the current month. It may include precipitation that occurred during the previous month. Refer to monthly bulletins to determine date of last reading. (Hawaii stations)
- B Estimated total value for wind, evaporation, or cooling degree days.
- M Insufficient or partial data. M is appended to average and/or total values computed with 1-9 daily values missing. M appears alone if 10 or more daily values are missing.
- R Amounts from recording rain gage.
- T Trace. An amount too small to measure.
- V Includes total for previous month(s). (See * above)
- Z Same as M but the Z has overprinted a negative sign or leading digit (e.g., Z14.6 = M-14.6, Z08.2 = M108.2)

SYMBOLS AND LETTERS USED IN THE STATION INDEX TABLE

- # Thermometers located in rooftop shelter.
- C Station is equipped with a recording rain gage (R), but values in this bulletin are from a non-recording rain gage unless indicated by an R.
- G Observations appear in "Soil Temperatures" table.
- H Observations appear in "Snowfall and Snow on the Ground" table in monthly "Climatological Data" publication.
- J Station also published as a "Local Climatological Data" bulletin.

Seasonal Tables: Monthly and seasonal snowfall and heating degree days for the 12 months ending with the June data are published in the July issue of "Climatological Data".

Cooling degree days for the calendar year are published in the "Climatological Data Annual Summary".

Additional precipitation data are contained in the "Hourly Precipitation Data" bulletin for each state, except Alaska.

Information concerning the history of changes in locations, exposure, etc. of substations is kept on file at the National Climatic Data Center. Similar historical information of regular National Weather Service Offices is available from the "Local Climatological Data" annual bulletin.

Additional information regarding the climate of this state may be obtained by writing to the address below or to any weather service office near you. The contents of this publication may be reprinted or otherwise used freely with proper credit to the National Climatic Data Center. The data are also available in digital form on magnetic tape and diskette.

SUBSCRIPTION, PRICE, AND ORDERING INFORMATION AVAILABLE FROM:

NATIONAL CLIMATIC DATA CENTER
ROOM 120
151 PATTON AVENUE
ASHEVILLE, NC 28801-5001

10 20 30 STATUTE MILES

47 - WISCONSIN

46.0

46.0

44.0

44.0

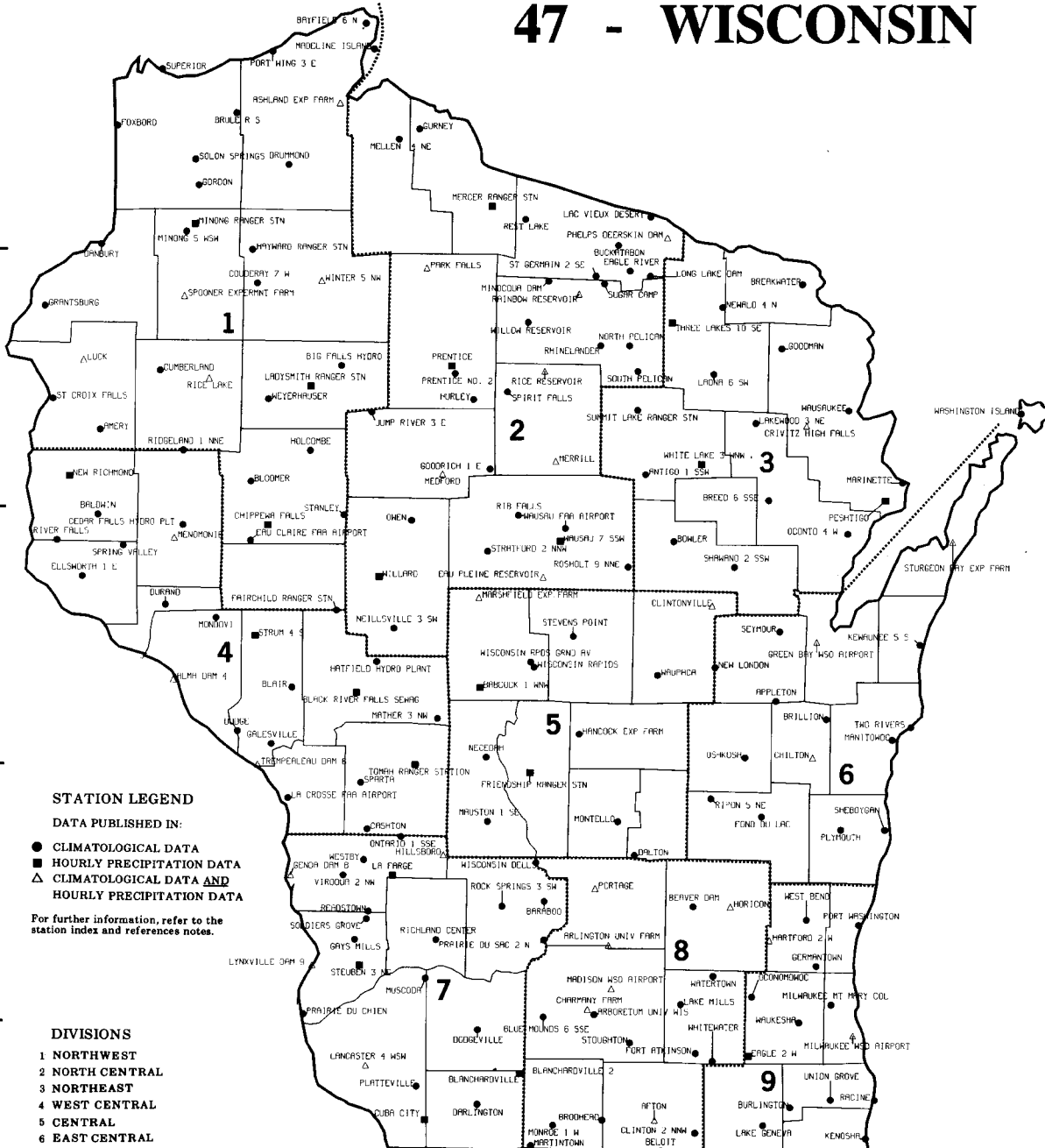
42.0

-92.0

-90.0

-88.0

42.0



STATION LEGEND

DATA PUBLISHED IN:

- CLIMATOLOGICAL DATA
- HOURLY PRECIPITATION DATA
- △ CLIMATOLOGICAL DATA AND HOURLY PRECIPITATION DATA

For further information, refer to the station index and references notes.

DIVISIONS

- 1 NORTHWEST
- 2 NORTH CENTRAL
- 3 NORTHEAST
- 4 WEST CENTRAL
- 5 CENTRAL
- 6 EAST CENTRAL
- 7 SOUTHWEST
- 8 SOUTH CENTRAL
- 9 SOUTHEAST

These and other publications are available from the National Climatic Data Center

Hourly Precipitation Data

This publication contains hourly precipitation amounts obtained from recording rain gages located at National Weather Service, Federal Aviation Administration, and cooperative observer stations. Published data are displayed in inches and tenths or inches and hundredths at local standard time. **HPD** includes maximum precipitation for nine (9) time periods from 15 minutes to 24 hours, for selected stations.

Climatological Data

Monthly editions contain station daily maximum and minimum temperatures and precipitation. Some stations provide daily snowfall, snow depth, evaporation, and soil temperature data. Each edition also contains monthly summaries for heating and cooling degree days (65 degree F base). The July issue contains a recap of monthly heating degree days and snow data for the preceding July through June.

The Annual issue contains monthly and annual averages of temperature, precipitation, temperature extremes, freeze data, soil temperatures, evaporation, and a recap of monthly cooling degree days.

Storm Data

Monthly issues contain a chronological listing, by states, of occurrences of storms and unusual weather phenomena. Reports contain information on storm paths, deaths, injuries, and property damage. An "Outstanding storms of the month" section highlights severe weather events with photographs, illustrations, and narratives. The December issue includes annual tornado, lightning, flash flood, and tropical cyclone summaries.

Monthly Climatic Data for the World

This publication contains monthly means for temperature, pressure, precipitation, vapor pressure, and sunshine for approximately 2,000 surface data collection stations worldwide and monthly mean upper air temperatures, dew point depressions, and wind velocities for approximately 500 observing sites.

Local Climatological Data

LCD summarizes temperature, relative humidity, precipitation, cloudiness, wind speed and direction observations for several hundred cities in the U.S. and its territories. Each monthly publication also contains the 3 hourly weather observations for that month and an hourly summary of precipitation. Annual **LCD** publications contain a summary of the past calendar year as well as historical averages and extremes.

For Information Call:

(828) 271-4800 (Voice)
(828) 271-4010 (TDD)
(828) 271-4876 (Fax)

National Climatic Data Center
Room 120
151 Patton Avenue
Asheville, NC 28801-5001

To change your address, please return a copy of the mailing label along with your new address to: National Climatic Data Center (Subscription Services).

Inquiries/Comments Call: (828) 271-4800 (Voice)
(828) 271-4010 (TDD)
(828) 271-4876 (Fax)

National Climatic Data Center
Room 120
151 Patton Avenue
Asheville, NC 28801-5001

<p>BULK RATE POSTAGE & FEES PAID United States Department of Commerce NOAA Permit No. G-19</p>
--

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE \$300
ADDRESS CORRECTION REQUESTED