

NORMALS, MEANS, AND EXTREMES

INTERNATIONAL FALLS, MN (INL)

LATITUDE: 48° 33' 59" N LONGITUDE: 93° 24' 11" W ELEVATION (FT): GRND: 1182 BARO: 1185 TIME ZONE: CENTRAL (UTC + 6) WBAN: 14918

ELEMENT		POR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
TEMPERATURE °F	NORMAL DAILY MAXIMUM	30	13.8	22.4	34.9	51.5	66.6	74.2	78.6	76.3	64.7	51.7	32.5	18.1	48.8
	MEAN DAILY MAXIMUM	58	12.6	20.9	32.9	50.0	64.3	73.2	78.2	75.9	64.7	52.1	32.9	18.3	48.0
	HIGHEST DAILY MAXIMUM	66	48	58	76	93	95	99	98	95	95	88	73	57	99
	YEAR OF OCCURRENCE		1973	2000	1946	1952	1964	1995	1988	2003	1976	1963	1975	1939	JUN 1995
	MEAN OF EXTREME MAXS.	58	34.9	41.0	52.5	73.4	83.9	87.9	90.3	89.0	83.0	74.4	54.2	38.3	66.9
	NORMAL DAILY MINIMUM	30	-8.4	-7	12.3	27.1	40.0	49.1	53.6	51.3	41.6	31.5	16.4	-1.1	26.1
	MEAN DAILY MINIMUM	58	-9.0	-2.6	10.4	27.5	39.1	49.0	53.7	51.3	42.0	32.4	17.3	-1	25.9
	LOWEST DAILY MINIMUM	66	-46	-45	-38	-14	11	23	34	30	20	2	-32	-41	-46
	YEAR OF OCCURRENCE		1968	1996	1962	1954	1967	1964	2001	1982	1965	1988	1985	1955	JAN 1968
	MEAN OF EXTREME MINS.	58	-35.1	-29.8	-17.0	8.6	24.5	34.5	41.2	38.4	26.7	17.4	-5.7	-27.1	6.4
	NORMAL DRY BULB	30	2.7	10.9	23.6	39.3	53.3	61.6	66.1	63.8	53.2	41.6	24.4	8.5	37.4
	MEAN DRY BULB	58	1.9	9.1	21.7	38.7	51.8	61.1	65.9	63.7	53.5	42.2	25.2	9.1	37.0
	MEAN WET BULB	18	5.7	11.4	21.4	34.4	46.4	56.1	60.5	58.8	50.2	38.0	23.5	10.4	34.7
	MEAN DEW POINT	18	1.5	5.4	14.1	25.6	38.8	51.1	56.6	55.1	46.3	32.9	19.2	6.8	29.4
	NORMAL NO. DAYS WITH:														
MAXIMUM ≥ 90°	30	0.0	0.0	0.0	*	0.3	0.9	1.6	1.0	0.1	0.0	0.0	0.0	3.9	
MAXIMUM ≤ 32°	30	28.7	22.1	13.1	1.9	*	0.0	0.0	0.0	0.0	1.1	15.6	26.9	109.4	
MINIMUM ≤ 32°	30	31.0	27.9	29.2	21.5	6.1	0.4	0.0	0.1	4.0	17.1	28.2	30.9	196.4	
MINIMUM ≤ 0°	30	21.3	15.0	6.8	0.4	0.0	0.0	0.0	0.0	0.0	0.0	3.6	16.6	63.7	
H/C	NORMAL HEATING DEG. DAYS	30	1946	1531	1298	775	378	140	55	102	360	723	1217	1744	10269
	NORMAL COOLING DEG. DAYS	30	0	0	0	1	17	47	91	67	10	0	0	0	233
RH	NORMAL (PERCENT)	30	74	71	66	60	61	69	73	75	77	74	78	78	71
	HOUR 00 LST	30	76	74	71	67	72	80	85	87	87	81	82	80	78
	HOUR 06 LST	30	76	77	77	76	77	83	88	92	90	85	84	80	82
	HOUR 12 LST	30	70	65	58	49	48	56	58	60	63	64	73	74	62
	HOUR 18 LST	30	71	64	56	48	47	55	57	60	67	67	75	76	62
S	PERCENT POSSIBLE SUNSHINE														
W/O	MEAN NO. DAYS WITH:														
	HEAVY FOG (VISBY ≤ 1/4 MI)	67	1.0	1.1	1.1	1.0	0.9	0.9	1.7	2.2	1.9	1.5	1.1	1.5	15.9
	THUNDERSTORMS	67	0.0	0.0	0.2	0.9	3.6	7.1	8.6	7.0	3.6	0.9	0.1	0.0	32.0
CLOUDINESS	MEAN:														
	SUNRISE-SUNSET (OKTAS)	47	5.4	5.0	5.3	5.2	5.3	5.4	5.0	4.9	5.5	5.8	6.3	5.6	5.4
	MIDNIGHT-MIDNIGHT (OKTAS)	32	5.1	4.8	4.9	4.9	5.0	5.0	4.7	4.4	5.0	5.6	5.9	5.3	5.0
	MEAN NO. DAYS WITH:														
	CLEAR	57	7.5	7.9	7.7	6.9	6.8	4.8	6.1	7.1	5.6	5.8	3.7	6.2	76.1
PARTLY CLOUDY	57	7.3	6.4	7.6	8.3	9.0	10.8	13.2	11.3	8.8	7.1	5.2	5.8	100.8	
CLOUDY	57	16.2	14.1	15.6	14.8	15.2	14.4	11.2	12.1	15.3	18.1	21.1	18.9	187.0	
PR	MEAN STATION PRESSURE (IN)	33	28.71	28.78	28.70	28.70	28.70	28.60	28.70	28.70	28.70	28.70	28.70	28.71	28.70
	MEAN SEA-LEVEL PRES. (IN)	22	30.08	30.07	30.04	29.97	29.92	29.98	29.94	29.98	29.99	29.98	29.99	30.05	30.00
WINDS	MEAN SPEED (MPH)	39	8.6	8.7	9.2	9.5	9.2	8.2	7.4	7.4	8.3	8.9	9.4	8.5	8.6
	PREVAIL. DIR (TENS OF DEGS)	32	29	29	30	06	18	18	30	18	18	18	18	29	30
	MAXIMUM 2-MINUTE:														
	SPEED (MPH)	9	35	35	33	35	33	48	47	43	38	35	37	36	48
	DIR. (TENS OF DEGS)		30	30	27	33	28	32	26	30	34	30	33	31	32
	YEAR OF OCCURRENCE		2001	2002	2004	2002	2000	2005	2003	2001	2002	1999	2005	1999	JUN 2005
	MAXIMUM 5-SECOND:														
SPEED (MPH)	9	46	45	43	44	44	60	55	59	45	46	47	49	60	
DIR. (TENS OF DEGS)		31	29	28	33	30	32	25	32	18	31	24	30	32	
YEAR OF OCCURRENCE		2001	2002	2004	2002	2000	2005	2003	2001	2004	1999	1999	1999	JUN 2005	
PRECIPITATION	NORMAL (IN)	30	0.84	0.64	0.96	1.38	2.55	3.98	3.37	3.14	3.03	1.98	1.36	0.70	23.93
	MAXIMUM MONTHLY (IN)	66	3.03	1.81	3.07	3.54	6.67	8.29	9.52	11.26	7.36	4.84	3.49	2.00	11.26
	YEAR OF OCCURRENCE		1975	1955	1966	2001	1985	2002	1966	1942	1961	1971	1977	2004	AUG 1942
	MINIMUM MONTHLY (IN)	66	0.07	0.04	0.13	0.08	0.20	0.70	1.00	0.58	0.28	0.14	0.10	0.16	0.04
	YEAR OF OCCURRENCE		2003	2002	2001	1987	1976	1961	1941	1991	1952	1992	1999	1940	FEB 2002
	MAXIMUM IN 24 HOURS (IN)	66	1.50	1.14	1.80	1.65	2.76	4.32	4.87	4.82	3.37	2.62	1.56	1.25	4.87
	YEAR OF OCCURRENCE		1975	1946	1957	2005	1991	2002	1966	1942	1973	1979	1977	1960	JUL 1966
	NORMAL NO. DAYS WITH:														
PRECIPITATION ≥ 0.01	30	10.9	8.7	9.4	8.4	11.1	13.3	11.6	11.2	12.0	10.9	10.4	10.9	128.8	
PRECIPITATION ≥ 1.00	30	*	0.0	0.0	0.1	0.3	0.7	0.6	0.5	0.7	0.2	*	0.0	3.1	
SNOWFALL	NORMAL (IN)	30	15.2	10.5	9.0	5.4	0.3	0.*	0.0	0.0	0.1	2.3	13.3	13.9	70.0
	MAXIMUM MONTHLY (IN)	65	43.0	32.3	31.5	23.0	13.4	0.3	T	T	1.9	8.5	29.7	43.9	43.9
	YEAR OF OCCURRENCE		1975	1992	1951	1950	1954	1969	1992	1996	1942	1981	1965	1992	DEC 1992
	MAXIMUM IN 24 HOURS (IN)	65	17.7	12.1	17.0	13.9	7.7	0.3	T	T	1.5	5.9	14.7	14.4	17.7
	YEAR OF OCCURRENCE		1975	1996	1966	1950	1954	1969	1992	1995	1951	1981	1991	1990	JAN 1975
	MAXIMUM SNOW DEPTH (IN)	56	38	35	38	25	12	0	0	0	0	5	26	25	38
	YEAR OF OCCURRENCE		1982	1969	1966	1975	1954					1988	1965	1985	MAR 1966
NORMAL NO. DAYS WITH:															
SNOWFALL ≥ 1.0	30	4.3	3.3	2.7	1.5	0.1	0.0	0.0	0.0	0.1	0.8	3.8	3.9	20.5	