

NORMALS, MEANS, AND EXTREMES ROCHESTER (KRST)

LATITUDE: 43° 54'N LONGITUDE: 92° 29'W ELEVATION (FT): GRND: 1304 BARO: 1326 TIME ZONE: CENTRAL (UTC -6) WBAN: 14925

ELEMENT		POR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
TEMPERATURE °F	NORMAL DAILY MAXIMUM	30	23.6	28.1	40.5	57.0	68.7	78.0	81.4	78.9	71.4	58.4	41.6	27.1	54.6
	MEAN DAILY MAXIMUM	102	21.7	25.7	38.8	54.9	68.0	75.9	81.7	79.6	70.7	58.8	41.1	27.2	53.7
	HIGHEST DAILY MAXIMUM	58	55	63	81	92	97	101	102	99	95	93	75	64	102
	YEAR OF OCCURRENCE		2012	1981	2012	2009	2013	2011	1988	1988	1978	1997	2012	2017	JUL 1988
	MEAN OF EXTREME MAXS.	103	40.2	43.9	60.9	78.3	86.4	91.0	91.9	89.9	86.4	78.7	62.8	45.5	71.3
	NORMAL DAILY MINIMUM	30	7.7	12.4	24.3	36.4	47.4	57.2	61.3	59.3	50.4	38.4	26.0	12.2	36.1
	MEAN DAILY MINIMUM	102	4.5	8.5	21.2	34.0	46.2	54.8	60.0	57.6	48.4	37.5	24.2	11.5	34.0
	LOWEST DAILY MINIMUM	58	-32	-35	-31	5	21	35	42	37	23	11	-20	-33	-35
	YEAR OF OCCURRENCE		1970	1996	1962	1982	1967	1990	1967	1964	1967	1988	1977	1983	FEB 1996
	MEAN OF EXTREME MINS.	103	-18.6	-13.5	-1.6	19.4	31.4	42.7	49.2	46.0	33.4	22.2	4.9	-11.7	17.0
	NORMAL DRY BULB	30	15.7	20.3	32.4	46.7	58.1	67.6	71.4	69.1	60.9	48.4	33.8	19.7	45.3
	MEAN DRY BULB	102	13.1	17.1	30.0	44.5	57.1	65.4	70.9	68.6	59.6	48.2	32.7	19.4	43.9
	MEAN WET BULB	34	13.0	16.3	27.3	38.2	49.0	59.1	63.8	62.2	53.9	41.4	28.9	17.6	39.2
	MEAN DEW POINT	34	12.1	15.3	26.1	36.3	47.5	57.9	62.8	61.4	52.9	40.1	28.1	16.7	38.1
	NORMAL NO. DAYS WITH: MAXIMUM >= 90	30	0.0	0.0	0.0	0.0	0.4	1.5	2.5	1.4	0.1	0.1	0.0	0.0	6.0
MAXIMUM <= 32	30	22.4	16.3	6.2	0.5	0.0	0.0	0.0	0.0	0.0	0.1	6.1	19.5	71.1	
MINIMUM <= 32	30	30.5	26.3	23.4	8.6	0.7	0.0	0.0	0.0	0.5	8.1	21.3	29.5	148.9	
MINIMUM <= 0	30	9.4	6.0	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	6.5	23.9	
H/C	NORMAL HEATING DEG. DAYS	30	1530	1253	1011	553	245	52	11	27	177	521	936	1406	7722
	NORMAL COOLING DEG. DAYS	30	0	0	0	4	30	130	207	154	54	6	0	0	585
RH	NORMAL (PERCENT)	30	80	79	76	68	68	70	74	77	75	72	79	82	75
	HOUR 00 LST	30	81	82	80	75	76	80	85	87	84	78	82	83	81
	HOUR 06 LST	30	82	83	83	80	81	83	87	90	89	84	85	85	84
	HOUR 12 LST	30	76	74	69	58	57	58	61	64	62	60	71	78	66
	HOUR 18 LST	30	79	78	71	58	56	58	63	67	68	67	77	82	69
S	PERCENT POSSIBLE SUNSHINE														
W/O	MEAN NO. DAYS WITH: HEAVY FOG(VISBY <= 1/4 MI)	54	3.4	3.4	4.1	2.1	1.7	1.3	1.9	3.1	2.2	1.9	3.0	4.4	32.5
	THUNDERSTORMS	70	0.1	0.2	1.1	3.1	5.4	7.7	7.0	6.2	4.4	1.9	0.5	0.1	37.7
CLOUDINESS	MEAN: SUNRISE-SUNSET (OKTAS)	36	5.3	5.3	5.5	5.4	5.2	5.0	4.4	4.4	4.7	4.8	5.8	5.6	5.1
	MIDNIGHT-MIDNIGHT (OKTAS)	32	5.0	4.9	5.3	5.2	5.0	4.5	4.0	4.1	4.3	4.6	5.4	5.3	4.8
	MEAN NO. DAYS WITH: CLEAR	36	7.4	7.3	6.3	6.1	6.8	6.7	8.4	8.7	9.1	8.5	5.0	6.0	86.3
	PARTLY CLOUDY	36	7.1	6.2	7.1	7.4	8.8	10.7	11.9	11.1	7.3	7.8	5.6	6.3	97.3
	CLOUDY	36	16.5	14.8	17.6	16.4	15.4	12.7	10.7	11.2	13.6	14.7	19.4	18.7	181.7
PR	MEAN STATION PRESSURE(IN)	34	28.61	28.62	28.60	28.53	28.54	28.54	28.59	28.62	28.62	28.60	28.59	28.61	28.59
	MEAN SEA-LEVEL PRES. (IN)	34	30.09	30.10	30.05	29.96	29.95	29.93	29.97	30.01	30.02	30.02	30.04	30.08	30.02
WINDS	MEAN SPEED (MPH)	34	13.5	13.2	13.4	13.7	12.7	11.2	9.7	9.3	10.5	11.9	13.2	13.1	12.1
	PREVAIL.DIR.(TENS OF DEGS)	44	32	31	32	32	17	19	19	19	19	19	31	32	32
	MAXIMUM 2-MINUTE: SPEED (MPH)	21	47	44	47	51	55	48	46	62	40	46	47	44	62
	DIR. (TENS OF DEGS)	30	30	32	29	23	32	31	30	34	32	25	29	31	34
	YEAR OF OCCURRENCE		2013	2002	1999	2001	2012	1999	2008	2006	2011	2010	1998	2004	AUG 2006
	MAXIMUM 3-SECOND SPEED (MPH)	21	58	54	58	62	69	59	62	74	56	58	56	58	74
	DIR. (TENS OF DEGS)	30	30	24	18	22	31	33	23	34	31	24	18	31	34
YEAR OF OCCURRENCE		2014	2009	2012	2001	2012	2014	2007	2007	2011	2010	1998	2004	AUG 2007	
PRECIPITATION	NORMAL (IN)	30	0.86	0.83	1.88	3.24	3.63	4.68	4.55	4.52	3.45	2.24	1.91	1.23	33.02
	MAXIMUM MONTHLY (IN)	58	2.53	2.21	3.98	7.30	12.26	12.51	12.33	14.07	10.50	7.57	5.90	3.68	14.07
	YEAR OF OCCURRENCE		1967	1971	2016	2001	2013	2000	1978	2007	1986	2009	1991	2010	AUG 2007
	MINIMUM MONTHLY (IN)	58	0.07	0.04	0.32	0.94	1.17	0.94	1.02	0.34	0.38	0.27	0.06	0.22	0.04
	YEAR OF OCCURRENCE		1961	1964	1994	2000	1963	1985	1975	2003	1975	1965	1967	1967	FEB 1964
	MAXIMUM IN 24 HOURS (IN)	58	1.42	1.31	2.20	3.97	5.23	4.80	7.47	6.24	6.01	2.81	2.64	7.55	7.55
	YEAR OF OCCURRENCE		1967	2012	2011	1990	2000	2000	1981	2007	1978	1966	1991	2012	DEC 2012
	NORMAL NO. DAYS WITH: PRECIPITATION >= 0.01	30	8.4	7.9	10.2	11.2	12.4	11.7	10.5	10.0	9.9	9.4	9.3	9.7	120.6
PRECIPITATION >= 1.00	30	0.0	0.0	0.2	0.6	0.8	1.2	1.2	1.2	0.9	0.4	0.3	0.1	6.9	
SNOWFALL	NORMAL (IN)	30	12.0	8.5	8.7	3.3	0.0	0.0	0.0	0.0	0.0	0.8	6.1	12.5	51.9
	MAXIMUM MONTHLY (IN)	54	30.2	20.1	25.2	16.4	14.5	T	T	T	0.8	7.9	22.5	41.3	41.3
	YEAR OF OCCURRENCE		1996	2007	1985	1983	2013	1993	2009	2007	1961	2009	1985	2010	DEC 2010
	MAXIMUM IN 24 HOURS (IN)	54	15.4	9.3	19.8	13.7	14.0	T	T	T	0.8	5.4	9.2	15.0	19.8
	YEAR OF OCCURRENCE'		1982	1983	2005	1988	2013	1993	2009	1989	1961	1979	1991	2010	MAR 2005
	MAXIMUM SNOW DEPTH (IN)	65	29	21	25	11	13	0	0	0	0	4	11	29	29
	YEAR OF OCCURRENCE		1982	2014	2014	1988	2013					1979	2006	2010	DEC 2010
NORMAL NO. DAYS WITH: SNOWFALL >= 1.0	30	3.6	2.7	2.5	0.8	0.0	0.0	0.0	0.0	0.0	0.2	1.8	3.6	15.2	