

NORMALS, MEANS, AND EXTREMES

WACO, TX (ACT)

LATITUDE: 31° 36' 41" N LONGITUDE: 97° 13' 43" W ELEVATION (FT): GRND: 513 BARO: 516 TIME ZONE: CENTRAL (UTC + 6) WBAN: 13959

ELEMENT		POR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
TEMPERATURE °F	NORMAL DAILY MAXIMUM	30	57.0	62.3	70.2	77.6	84.8	92.0	96.7	96.9	90.1	80.4	67.8	59.1	77.9
	MEAN DAILY MAXIMUM	40	57.0	61.4	69.2	77.9	84.7	92.0	97.0	96.9	89.6	80.0	68.4	59.6	77.8
	HIGHEST DAILY MAXIMUM	61	88	96	100	101	102	109	109	112	111	101	92	91	112
	YEAR OF OCCURRENCE		1971	1996	1971	1963	1985	1980	1998	1969	2000	1989	1988	1955	AUG 1969
	MEAN OF EXTREME MAXS.	56	77.7	80.9	85.5	90.3	93.8	98.6	102.6	103.6	99.0	93.0	84.8	78.1	90.7
	NORMAL DAILY MINIMUM	30	35.1	39.3	46.8	54.2	63.3	70.6	74.1	73.5	67.0	56.7	45.8	37.5	55.3
	MEAN DAILY MINIMUM	40	35.7	39.5	46.8	55.8	64.1	71.2	74.9	74.2	67.5	57.0	46.6	38.2	56.0
	LOWEST DAILY MINIMUM	61	-5	4	15	27	37	52	60	53	40	25	17	-4	-5
	YEAR OF OCCURRENCE		1949	1985	1948	1975	1981	1964	1994	1992	1983	1993	1976	1989	JAN 1949
	MEAN OF EXTREME MINS.	56	18.7	22.9	28.6	37.9	49.8	61.0	68.1	66.3	52.7	40.4	29.3	22.1	41.5
	NORMAL DRY BULB	30	46.1	50.8	58.5	65.9	74.1	81.3	85.4	85.2	78.6	68.6	56.8	48.3	66.6
	MEAN DRY BULB	56	46.6	50.7	58.1	66.9	74.4	81.7	85.8	85.6	78.7	68.6	57.2	49.1	66.9
	MEAN WET BULB	51	41.8	45.3	51.3	59.3	67.1	72.0	73.6	73.1	69.1	60.8	51.2	43.8	59.0
	MEAN DEW POINT	51	36.3	39.7	45.0	54.0	63.2	68.1	68.8	67.9	64.2	55.7	45.7	38.3	53.9
	NORMAL NO. DAYS WITH:														
MAXIMUM ≥ 90°	30	0.0	0.1	0.3	1.4	7.6	21.9	28.7	28.2	18.3	4.5	0.1	0.0	111.1	
MAXIMUM ≤ 32°	30	0.9	0.5	*	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	2.0	
MINIMUM ≤ 32°	30	12.4	6.5	2.1	0.2	0.0	0.0	0.0	0.0	0.0	0.1	2.9	9.4	33.6	
MINIMUM ≤ 0°	30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	*	0.0	
H/C	NORMAL HEATING DEG. DAYS	30	589	409	235	77	7	0	0	0	6	58	271	512	2164
	NORMAL COOLING DEG. DAYS	30	2	8	39	111	292	497	637	628	416	170	34	6	2840
RH	NORMAL (PERCENT)	30	72	70	69	68	73	69	62	62	67	69	73	73	69
	HOUR 00 LST	30	78	78	75	77	82	79	71	70	76	77	80	78	77
	HOUR 06 LST	30	84	84	83	85	90	89	85	84	87	86	86	84	86
	HOUR 12 LST	30	64	61	59	57	61	56	49	48	54	56	61	62	57
	HOUR 18 LST	30	62	58	54	53	59	54	46	45	52	57	65	65	56
S	PERCENT POSSIBLE SUNSHINE														
W/O	MEAN NO. DAYS WITH:														
	HEAVY FOG (VISBY ≤ 1/4 MI)	60	2.8	2.1	1.3	0.8	0.7	0.2	0.0	0.0	0.2	0.8	2.0	2.6	13.5
	THUNDERSTORMS	60	1.3	2.6	3.8	5.4	7.9	6.0	3.9	4.0	3.8	3.2	2.1	1.5	45.5
CLOUDINESS	MEAN:														
	SUNRISE-SUNSET (OKTAS)	2	4.5	5.0	9.0	4.5	3.5	1.6	2.0	2.5	3.0	4.0		1.0	
	MIDNIGHT-MIDNIGHT (OKTAS)	2	4.5	5.0	5.0	2.5	3.5	2.5	2.0	2.0	3.0	2.0			
	MEAN NO. DAYS WITH:														
	CLEAR	3	4.7	8.7	9.0	7.0	6.0	10.0	10.5	13.5	5.0	7.5	3.0	4.5	89.4
PARTLY CLOUDY	2	1.5	1.0	3.3	3.5	5.3	3.0	3.5	3.0	3.0	2.5	2.0	4.0	35.6	
CLOUDY	3	6.0	7.7	6.7	4.5	4.7	1.7	2.5	2.5	2.0	3.5	5.5	5.5	52.8	
PR	MEAN STATION PRESSURE (IN)	30	29.60	29.55	29.44	29.41	29.37	29.40	29.45	29.45	29.45	29.51	29.54	29.59	29.48
	MEAN SEA-LEVEL PRES. (IN)	52	30.14	30.09	29.99	29.95	29.91	29.92	29.96	29.96	29.97	30.04	30.09	30.12	30.01
WINDS	MEAN SPEED (MPH)	43	11.5	11.8	12.4	12.6	11.6	10.9	10.6	9.8	9.5	9.8	10.7	10.8	11.0
	PREVAIL. DIR (TENS OF DEGS)	29	18	18	18	18	18	18	18	18	18	18	18	18	18
	MAXIMUM 2-MINUTE:														
	SPEED (MPH)	10	41	43	41	55	47	48	40	37	36	48	47	37	55
	DIR. (TENS OF DEGS)		32	31	01	28	02	36	03	02	29	29	12	30	28
	YEAR OF OCCURRENCE		1994	1998	2002	1999	1994	1997	1997	2003	1995	2000	2001	2003	APR 1999
	MAXIMUM 5-SECOND:														
SPEED (MPH)	10	47	52	58	69	58	63	47	45	55	60	55	46	69	
DIR. (TENS OF DEGS)		32	28	28	27	28	35	04	04	31	28	12	31	27	
YEAR OF OCCURRENCE		1994	1998	1999	1999	2003	1997	1997	2003	1995	2000	2001	2003	APR 1999	
PRECIPITATION	NORMAL (IN)	30	1.90	2.43	2.48	2.99	4.46	3.08	2.23	1.85	2.88	3.67	2.61	2.76	33.34
	MAXIMUM MONTHLY (IN)	61	6.10	7.91	6.84	13.37	15.00	12.06	8.58	8.91	7.29	10.51	7.76	9.81	15.00
	YEAR OF OCCURRENCE		1998	1997	1945	1957	1965	1961	1971	1974	1970	1984	2000	1997	MAY 1965
	MINIMUM MONTHLY (IN)	61	0.03	0.07	0.04	0.12	0.55	0.27	0.00	T	0.00	0.00	0.13	0.04	0.00
	YEAR OF OCCURRENCE		1971	1999	1956	1983	1998	1953	1993	1952	1956	1952	1970	1950	JUL 1993
	MAXIMUM IN 24 HOURS (IN)	61	4.79	3.97	3.17	5.09	7.18	4.21	4.49	4.80	4.57	5.72	4.26	7.98	7.98
	YEAR OF OCCURRENCE		1998	1997	1990	1957	1953	1947	1973	1958	1957	1974	1952	1997	DEC 1997
	NORMAL NO. DAYS WITH:														
PRECIPITATION ≥ 0.01	30	7.4	6.4	7.9	6.7	9.0	7.3	5.0	5.3	6.6	6.9	7.5	6.7	82.7	
PRECIPITATION ≥ 1.00	30	0.3	0.7	0.6	1.0	1.4	1.0	0.6	0.7	0.8	1.2	0.7	0.7	9.7	
SNOWFALL	NORMAL (IN)	30	0.6	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.*	0.2	0.*	1.2
	MAXIMUM MONTHLY (IN)	53	7.0	4.8	1.0	T	T	0.0	0.0	T	0.0	T	2.4	2.0	7.0
	YEAR OF OCCURRENCE		1949	1966	1987	1993	1989			1991		1993	1993	1946	JAN 1949
	MAXIMUM IN 24 HOURS (IN)	53	7.0	4.8	1.0	T	T	0.0	0.0	T	0.0	T	2.4	2.0	7.0
	YEAR OF OCCURRENCE		1949	1966	1987	1993	1989			1991		1993	1993	1946	JAN 1949
	MAXIMUM SNOW DEPTH (IN)	47	7	5	1	0	0	0	0	0	0	0	1	1	7
	YEAR OF OCCURRENCE		1949	1966	1989								1976	1963	JAN 1949
NORMAL NO. DAYS WITH:															
SNOWFALL ≥ 1.0	30	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	