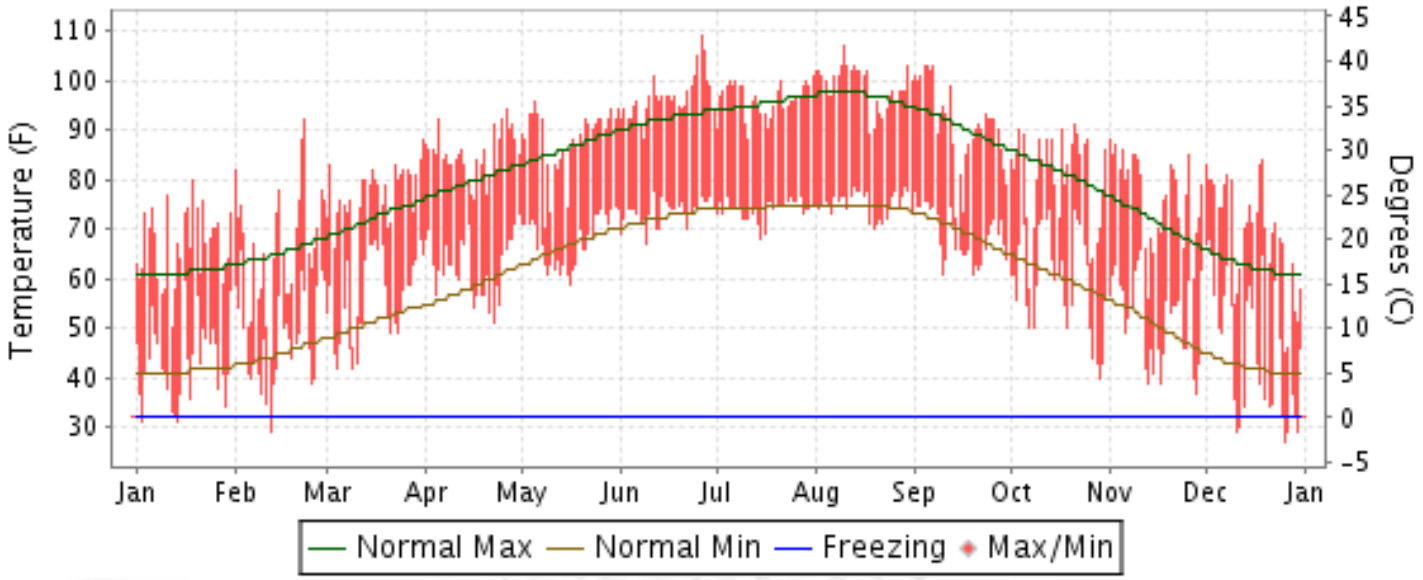
2012
LOCAL CLIMATOLOGICAL DATA
ANNUAL SUMMARY WITH COMPARATIVE DATA

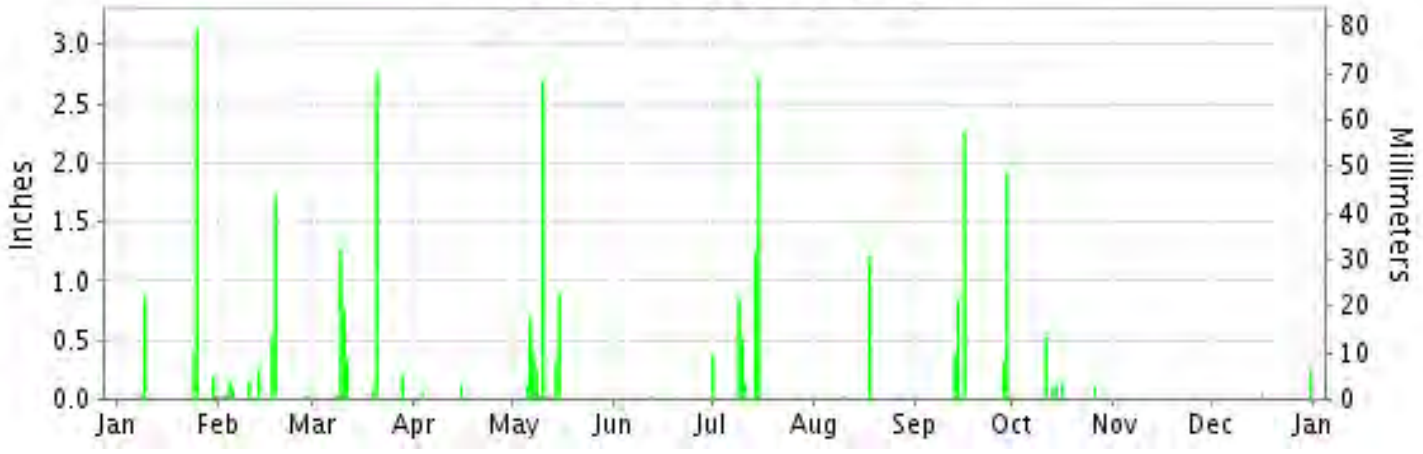
ISSN 1528-7432

AUSTIN/CITY,
TEXAS (KATT)

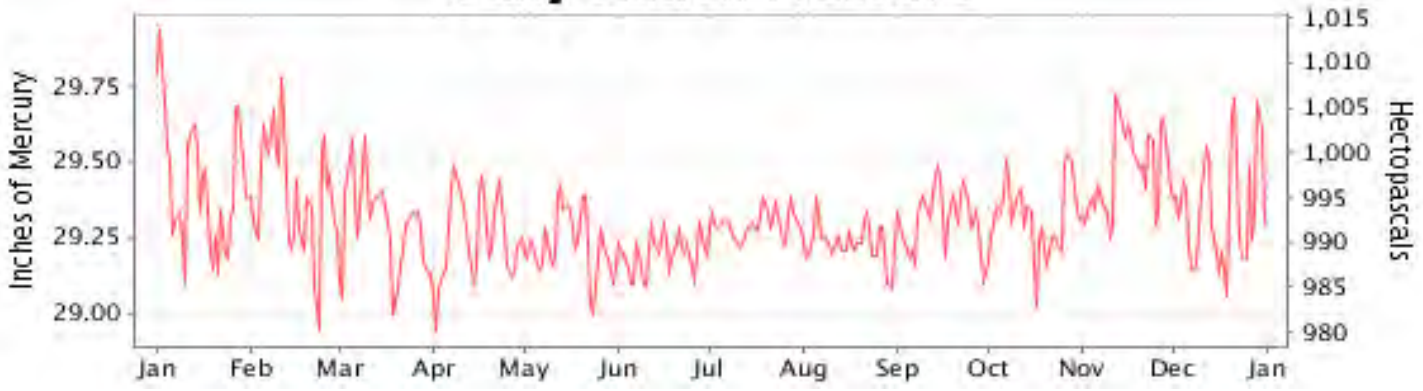
Daily Max/Min Temperature



Daily Precipitation



Daily Station Pressure



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Thomas R. Karl

NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION	NATIONAL ENVIRONMENTAL SATELLITE, DATA AND INFORMATION SERVICE	NATIONAL CLIMATIC DATA CENTER ASHEVILLE, NORTH CAROLINA	DIRECTOR NATIONAL CLIMATIC DATA CENTER

METEOROLOGICAL DATA FOR 2012
AUSTIN/CITY (KATT)

LATITUDE: 30° 19'N **LONGITUDE:** 97° 45'W **ELEVATION (FT):** GRND: 670 BARO: 696 **TIME ZONE:** CENTRAL (UTC -6) **WBAN:** 13958

	ELEMENT	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
TEMPERATURE °F	MEAN DAILY MAXIMUM	66.8	66.7	76.0	85.1	87.9	96.8	96.2	99.0	91.1	80.6	76.6	68.9	82.6
	HIGHEST DAILY MAXIMUM	80	92	88	94	96	109	101	107	103	91	88	84	109
	DATE OF OCCURRENCE	19	23	31	26	05	26	31	10	07+	21	01	19	JUN 26
	MEAN DAILY MINIMUM	43.4	48.1	56.3	62.5	67.6	73.6	74.2	75.3	68.9	59.7	51.8	45.8	60.6
	LOWEST DAILY MINIMUM	31	29	42	51	59	67	68	70	61	40	37	27	27
	DATE OF OCCURRENCE	14+	12	09+	22	16	09	15	19	19+	29	28	26	DEC 26
	AVERAGE DRY BULB	55.1	57.4	66.2	73.8	77.8	85.2	85.2	87.2	80.0	70.2	64.2	57.4	71.6
	MEAN WET BULB		50.9	59.9	64.2	68.8	72.7	74.2	73.5	68.9	61.7	54.5	49.2	
	MEAN DEW POINT	40.4	45.0	55.2	58.5	64.5	67.1	69.8	67.4	63.1	56.0	46.4	39.8	56.1
	NUMBER OF DAYS WITH:													
	MAXIMUM >= 90°	0	1	0	6	16	29	30	30	19	3	0	0	134
	MAXIMUM <= 32°	0	0	0	0	0	0	0	0	0	0	0	0	0
	MINIMUM <= 32°	3	1	0	0	0	0	0	0	0	0	0	7	11
	MINIMUM <= 0°	0	0	0	0	0	0	0	0	0	0	0	0	0
H/C	HEATING DEGREE DAYS	302	252	74	0	0	0	0	0	0	60	117	287	1092
	COOLING DEGREE DAYS	4	43	117	271	405	611	635	692	458	228	99	56	3619
RH	MEAN (PERCENT)	62	68	72	64	68	60	67	58	63	66	58	58	64
	HOUR 00 LST	69	74	81	73	79	71	78	67	73	75	65	64	72
	HOUR 06 LST	75	82	85	84	88	83	91	81	83	80	77	71	82
	HOUR 12 LST	52	61	63	49	56	46	51	44	50	55	46	49	52
	HOUR 18 LST	51	56	59	46	51	42	49	40	46	54	44	48	49
W/O	NUMBER OF DAYS WITH:													
	HEAVY FOG(VISBY <= 1/4 MI)	2	2	1	0	1	0	0	1	1	1	2	2	13
	THUNDERSTORMS	3	4	6	3	6	3	8	3	2	1	1	1	41
PR	MEAN STATION PRESS. (IN.)	29.42	29.40	29.29	29.25	29.23	29.20	29.29	29.23	29.31	29.32	29.46	29.35	29.31
	MEAN SEA-LEVEL PRESS. (IN.)	30.10	30.10	29.99	29.92	29.90	29.86	29.96	29.90	29.97	30.01	30.16	30.05	29.99
WINDS	RESULTANT SPEED (MPH)	0.9	0.8	2.7	3.1	2.8	2.9	2.5	1.6	0.7	0.6	0.5	0.4	1.3
	RES. DIR. (TENS OF DEGS.)	32	04	16	16	16	15	16	16	14	13	17	23	16
	MEAN SPEED (MPH)	4.9	5.3	6.0	6.0	5.4	5.4	4.6	4.7	4.2	4.7	3.6	4.4	4.9
	PREVAIL.DIR.(TENS OF DEGS.)	34	17	16	16	16	16	17	17	17	16	16	33	16
	MAXIMUM 2-MINUTE WIND													
	SPEED (MPH)	23	21	23	23	23	21	18	21	17	16	21	26	26
	DIR. (TENS OF DEGS.)	01	01	14	15	34	14	15	15	13	01	16	34	34
	DATE OF OCCURRENCE	25	24	19	14	07	19	02	05	13	26	10	20	DEC 20
	MAXIMUM 3-SECOND WIND:													
	SPEED (MPH)	37	35	38	38	39	37	27	37	28	29	32	42	42
	DIR. (TENS OF DEGS.)	36	02	14	16	35	08	14	26	34	35	15	34	34
	DATE OF OCCURRENCE	25	24	19	14	07	12	02	10	30	26	10	20	DEC 20
PRECIPITATION	WATER EQUIVALENT:	4.70	3.04	5.47	0.22	5.45	0.06	5.82	1.25	5.70	0.96	0.00	0.31	32.98
	TOTAL (IN.)	3.54	2.09	2.85	0.12	2.70	0.03	3.94	1.21	2.27	0.52	0.00	0.24	3.94
	GREATEST 24-HOUR (IN.)	24-25	17-18	19-20	15	10	12	14-15	18	16	11		31	JUL 14-15
	DATE OF OCCURRENCE													
	NUMBER OF DAYS WITH:	6	12	8	3	9	4	8	3	5	5	0	4	67
	PRECIPITATION 0.01	4	5	5	1	7	0	6	1	5	4	0	1	39
	PRECIPITATION 0.10	1	1	2	0	1	0	2	1	2	0	0	0	10
	PRECIPITATION 1.00													
SNOWFALL	SNOW,ICE PELLETS,HAIL	T	T	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	T
	TOTAL (IN.)	T	T	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	T
	GREATEST 24-HOUR (IN.)	24	12											FEB 12
	DATE OF OCCURRENCE	0	0	0	0	0	0	0	0	0	0	0	0	0
	MAXIMUM SNOW DEPTH (IN.)													
	DATE OF OCCURRENCE													
	NUMBER OF DAYS WITH:	0	0	0	0	0	0	0	0	0	0	0	0	0
	SNOWFALL >= 1.0													

NORMALS, MEANS, AND EXTREMES
AUSTIN/CITY (KATT)

LATITUDE: 30° 19'N **LONGITUDE:** 97° 45'W **ELEVATION (FT):** GRND: 670 BARO: 696 **TIME ZONE:** CENTRAL (UTC -6) **WBAN:** 13958

	ELEMENT	POR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
TEMPERATURE °F	NORMAL DAILY MAXIMUM	30	61.5	65.2	72.2	79.8	86.5	92.1	95.6	97.0	90.5	81.8	71.4	62.7	79.7
	MEAN DAILY MAXIMUM	82	60.2	63.2	71.9	78.8	85.4	91.0	94.4	95.8	88.9	81.5	70.0	62.6	78.6
	HIGHEST DAILY MAXIMUM	71	90	99	98	99	102	109	109	112	112	98	91	90	112
	YEAR OF OCCURRENCE		1971	1996	1971	2006	1998	2012	1954	2011	2000	1991	2006	1955	AUG 2011
	MEAN OF EXTREME MAXS.	82	79.6	82.7	87.0	91.0	94.3	97.9	100.9	102.0	98.6	92.5	85.0	79.8	90.9
	NORMAL DAILY MINIMUM	30	41.5	44.8	51.3	58.6	66.7	72.3	74.4	74.6	69.4	60.6	50.6	42.3	58.9
	MEAN DAILY MINIMUM	82	39.7	42.4	49.7	57.6	65.3	70.9	73.2	73.7	68.1	59.3	48.4	41.4	57.5
	LOWEST DAILY MINIMUM	71	-2	7	18	34	43	53	64	61	41	30	20	4	-2
	YEAR OF OCCURRENCE		1949	1951	1948	2007	1954	1970	1970	1967	1942	1993	1976	1989	JAN 1949
	MEAN OF EXTREME MINS.	82	23.6	26.9	32.8	42.4	53.4	63.2	69.4	68.6	57.1	44.2	33.1	25.9	45.1
	NORMAL DRY BULB	30	51.5	55.0	61.7	69.2	76.6	82.2	85.0	85.8	80.0	71.2	61.0	52.5	69.3
	MEAN DRY BULB	82	50.0	52.8	60.8	68.2	75.4	81.1	83.8	84.7	78.5	70.4	59.2	52.1	68.1
	MEAN WET BULB	29	43.5	46.9	53.0	59.6	67.2	71.8	73.0	72.6	68.3	61.3	52.4	45.1	59.6
	MEAN DEW POINT	28	40.4	43.4	49.9	56.8	65.5	70.3	70.9	70.5	66.1	58.8	49.8	42.1	57.0
	NORMAL NO. DAYS WITH:														
	MAXIMUM >= 90	30	0.0	0.2	0.2	1.7	8.7	21.0	28.1	29.0	18.1	4.0	0.1	0.0	111.1
	MAXIMUM <= 32	30	0.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.6
	MINIMUM <= 32	30	4.4	2.4	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	4.2	12.0
	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	0.0
H/C	NORMAL HEATING DEG. DAYS	30	428	297	162	38	2	0	0	0	2	29	181	400	1539
	NORMAL COOLING DEG. DAYS	30	9	18	61	164	361	516	620	645	450	221	61	13	3139
RH	NORMAL (PERCENT)	30	68	67	66	67	73	71	66	65	68	69	70	68	68
	HOUR 00 LST	30	73	72	72	74	82	81	76	75	77	76	78	74	76
	HOUR 06 LST	30	79	80	80	83	89	90	89	88	86	85	83	80	84
	HOUR 12 LST	30	61	59	57	56	62	58	52	51	55	57	60	60	57
	HOUR 18 LST	30	57	53	51	52	58	56	48	47	53	55	60	59	54
S	PERCENT POSSIBLE SUNSHINE	60	49	51	55	54	56	69	74	74	66	64	55	49	60
W/O	MEAN NO. DAYS WITH:														
	HEAVY FOG(VISBY <= 1/4 MI)	49	3.5	1.9	2.1	0.9	0.9	0.5	0.5	0.4	0.7	1.6	2.7	3.5	19.2
	THUNDERSTORMS	65	1.0	2.1	3.4	4.5	6.7	5.3	4.6	5.0	4.1	3.1	1.8	1.3	42.9
CLOUDINESS	MEAN:														
	SUNRISE-SUNSET (OKTAS)				4.8					2.4				4.8	
	MIDNIGHT-MIDNIGHT (OKTAS)				4.8										
	MEAN NO. DAYS WITH:														
	CLEAR														
	PARTLY CLOUDY														
	CLOUDY														
PR	MEAN STATION PRESSURE(IN)	29	29.46	29.41	29.33	29.27	29.25	29.25	29.31	29.30	29.30	29.35	29.41	29.45	29.34
	MEAN SEA-LEVEL PRES. (IN)	29	30.14	30.09	30.00	29.93	29.90	29.90	29.96	29.94	29.96	30.02	30.08	30.13	30.00
WINDS	MEAN SPEED (MPH)	29	7.2	7.7	8.2	8.1	7.6	7.0	6.5	5.9	5.8	6.2	6.7	6.8	7.0
	PREVAIL.DIR(TENS OF DEGS)	41	36	36	17	17	17	17	19	19	17	19	19	36	17
	MAXIMUM 2-MINUTE:														
	SPEED (MPH)	17	32	34	33	46	52	34	30	33	47	33	29	33	52
	DIR. (TENS OF DEGS)		03	36	03	27	02	29	10	09	03	36	01	36	02
	YEAR OF OCCURRENCE		1998	1998	1996	1997	1997	1997	2004	1999	1997	1998	1996	1996	MAY 1997
	MAXIMUM 3-SECOND														
	SPEED (MPH)	17	45	45	52	55	71	47	40	54	57	43	44	46	71
	DIR. (TENS OF DEGS)		03	00	03	27	02	28	11	09	05	01	30	30	02
	YEAR OF OCCURRENCE		1996	1996	1996	1997	1997	1997	2004	1999	1997	1998	2006	2003	MAY 1997
PRECIPITATION	NORMAL (IN)	30	2.22	2.02	2.76	2.09	4.44	4.33	1.88	2.35	2.99	3.88	2.96	2.40	34.32
	MAXIMUM MONTHLY (IN)	71	9.21	6.56	7.54	9.93	9.98	14.96	10.54	9.48	13.20	12.39	14.10	14.16	14.96
	YEAR OF OCCURRENCE		1991	1992	2006	1957	1965	1981	1979	2001	2010	1998	2004	1991	JUN 1981
	MINIMUM MONTHLY (IN)	71	0.04	0.03	T	0.06	0.73	T	0.00	0.00	0.02	T	T	T	0.00
	YEAR OF OCCURRENCE		1971	1999	1972	1984	1998	1967	1962	1952	2008	1952	1970	1950	JUL 1962
	MAXIMUM IN 24 HOURS (IN)	71	4.41	3.73	3.46	3.86	5.66	6.50	5.46	6.01	7.39	7.51	7.55	6.19	7.55
	YEAR OF OCCURRENCE		1991	1958	2006	1942	1979	1964	1961	1994	2010	1998	2001	1991	NOV 2001
	NORMAL NO. DAYS WITH:														
	PRECIPITATION >= 0.01	30	7.4	7.4	9.2	7.1	8.9	7.7	5.4	4.9	6.7	7.5	7.5	7.8	87.5
	PRECIPITATION >= 1.00	30	0.5	0.2	0.8	0.6	1.7	1.5	0.4	0.7	0.8	1.4	0.8	0.7	10.1
SNOWFALL	NORMAL (IN)	30	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6
	MAXIMUM MONTHLY (IN)	65	7.5	6.0	2.0	T	T	T	0.0	0.0	0.0	0.0	2.0	0.1	7.5
	YEAR OF OCCURRENCE		1985	1966	1965	2011	2011	2009		2011			1980	2008	JAN 1985
	MAXIMUM IN 24 HOURS (IN)	65	7.0	6.0	2.0	T	T	T	0.0	0.0	0.0	0.0	2.0	T	7.0
	YEAR OF OCCURRENCE'		1944	1966	1965	2011	2011	2009					1980	2009	JAN 1944
	MAXIMUM SNOW DEPTH (IN)	60	6	6	1	0	0	0	0	0	0	0	0	T	6
	YEAR OF OCCURRENCE		1949	1966	1965									2008	FEB 1966
	NORMAL NO. DAYS WITH:														
	SNOWFALL >= 1.0	30	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2

PRECIPITATION (inches) 2012 AUSTIN/CITY (KATT)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1983	1.88	2.84	6.03	0.16	5.33	3.84	2.85	2.21	2.83	2.82	2.66	0.53	33.98
1984	1.66	1.00	2.49	0.06	1.27	1.69	1.44	0.45	0.79	10.34	1.88	3.23	26.30
1985	1.34	2.10	1.84	2.39	1.65	5.64	1.53	0.37	3.98	5.84	4.75	1.06	32.49
1986	0.45	1.14	0.41	1.46	7.36	2.20	0.45	1.21	4.77	7.98	1.81	5.77	35.01
1987	0.92	2.87	1.36	0.45	6.75	10.85	3.46	0.27	5.03	0.31	3.08	1.31	36.66
1988	0.27	0.32	2.66	2.02	3.33	2.60	2.77	1.67	1.43	0.66	0.34	1.14	19.21
1989	3.79	0.85	2.12	2.43	6.90	3.10	0.09	2.72	0.27	2.20	1.26	0.14	25.87
1990	1.28	3.55	2.08	3.12	3.65	1.55	3.14	0.33	1.76	3.39	3.87	0.72	28.44
1991	9.21	2.99	0.90	4.91	3.98	4.40	1.16	4.28	2.25	3.06	0.91	14.16	52.21
1992	4.83	6.56	5.43	1.90	9.05	4.96	0.96	1.95	1.98	1.38	3.76	3.29	46.05
1993	3.39	3.14	2.09	2.94	5.30	3.99	T	0.75	0.34	2.42	1.00	1.14	26.50
1994	1.43	2.13	1.70	1.68	3.68	0.74	0.26	8.50	5.69	7.85	1.83	5.67	41.16
1995	0.81	1.44	2.21	3.08	9.49	2.74	0.64	5.71	2.86	1.43	3.22	0.51	34.14
1996	0.06	0.62	0.60	1.90	1.82	4.48	0.15	8.81	4.02	.78	4.13	2.19	29.56
1997	1.07	3.94	1.58	5.59	7.10	8.97	2.37	2.34	1.46	5.42	2.91	4.28	47.03
1998	2.68	3.26	3.07	0.78	0.73	1.56	0.90	1.39	6.76	12.39	4.04	1.56	39.12
1999	0.20	0.03	4.09	0.79	7.07	3.37	4.43	0.70	0.28	1.67	0.15	1.15	23.93
2000	2.85	1.75	1.49	2.40	3.59	5.27	1.87	0.13	1.76	6.03	7.95	2.87	37.96
2001	2.72	1.41	5.51	0.50	3.27	0.85	0.34	9.48	1.71	2.46	10.00	4.62	42.87
2002	1.69	0.66	1.24	0.76	1.25	5.64	4.94	2.35	3.23	6.68	3.04	4.52	36.00
2003	1.70	3.86	0.54	0.10	1.37	4.55	1.42	2.94	2.08	1.03	1.32	0.50	21.41
2004	4.15	3.73	2.31	3.97	3.34	11.41	0.83	1.91	1.57	4.62	14.10	0.33	52.27
2005	2.25	2.21	4.30	0.72	3.13	0.89	2.75	2.44	1.44	1.78	0.33	0.09	22.33
2006	1.80	0.89	7.54	2.89	5.28	3.18	0.48	0.22	3.00	3.93	1.29	4.20	34.70
2007	6.92	0.14	5.95	2.25	7.01	5.41	9.84	2.50	3.97	1.13	1.16	0.67	46.95
2008	0.82	0.51	2.86	3.52	1.70	0.74	0.38	2.39	0.02	2.01	0.72	0.40	16.07
2009	0.74	1.47	3.04	2.84	1.77	1.35	0.25	0.77	6.86	6.88	2.80	2.61	31.38
2010	3.29	3.08	3.32	2.13	1.88	5.93	3.38	T	13.20	0.08	0.68	0.79	37.76
2011	2.92	0.48	0.09	0.27	3.65	2.01	0.05	T	0.18	2.19	2.91	4.93	19.68
2012	4.70	3.04	5.47	0.22	5.45	0.06	5.82	1.25	5.70	0.96	0.00	0.31	32.98
POR= 82 YRS	2.22	2.31	2.26	2.81	4.23	3.49	2.08	2.20	3.39	3.30	2.48	2.39	33.16

WBAN : 13958

AVERAGE TEMPERATURE (°F) 2012 AUSTIN/CITY (KATT)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1983	47.4	51.3	57.8	64.6	72.7	78.4	82.7	84.4	78.3	72.0	62.4	41.9	66.2
1984	46.3	55.5	63.4	71.1	78.0	82.6	85.1	86.0	76.3	70.5	58.7	58.4	69.3
1985	44.1	49.7	64.3	70.0	76.3	80.7	82.9	87.0	79.3	71.7	63.0	49.1	68.2
1986	54.0	57.6	63.7	71.8	73.8	81.4	85.9	84.7	82.0	68.8	59.0	50.8	69.5
1987	50.9	55.5	57.9	67.4	76.1	80.2	83.4	85.4	78.8	69.9	60.0	53.3	68.2
1988	47.3	53.3	60.4	68.5	74.7	80.2	84.6	86.7	81.6	72.5	64.9	55.5	69.2
1989	55.3	48.6	60.8	69.2	78.3	81.3	85.7	84.7	79.3	72.0	62.7	44.3	68.5
1990	57.9	59.3	61.7	69.8	78.5	85.9	83.4	86.1	81.2	70.0	63.6	51.3	70.7
1991	47.3	56.6	63.5	71.4	76.7	81.5	83.9	85.1	77.2	72.7	56.8	54.5	68.9
1992	50.6	58.9	62.7	68.0	73.2	81.6	83.9	82.0	80.8	72.7	56.9	54.8	68.8
1993	49.9	54.5	60.9	66.3	73.7	81.4	85.3	87.4	81.8	70.5	55.7	55.0	68.5
1994	52.2	55.3	62.8	69.3	74.7	84.2	87.2	83.7	77.5	71.4	64.0	55.7	69.8
1995	53.6	56.2	60.6	67.6	76.2	79.3	84.5	84.4	78.7	70.8	59.0	55.0	68.8
1996	50.5	57.6	57.2	68.6	80.6	82.5	86.7	83.9	77.6	69.9	60.5	54.9	69.2
1997	48.9	53.1	62.9	63.0	72.5	79.1	83.9	83.1	81.5	70.4	56.5	50.5	67.1
1998	56.5	55.5	59.5	67.4	79.9	86.4	88.0	85.8	82.9	71.6	62.8	52.9	70.8
1999	55.6	62.3	62.4	71.8	76.5	81.7	83.2	88.3	81.4	71.2	64.4	55.7	71.2
2000	55.4	62.1	66.3	70.3	79.1	81.7	86.7	87.2	81.5	71.4	55.9	45.4	70.3
2001	48.4	56.2	54.9	70.8	76.4	82.7	87.2	86.2	77.2	68.1	62.8	53.8	68.7
2002	53.5	51.2	59.2	73.4	78.0	82.7	82.4	85.3	79.8	69.6	57.2	53.2	68.8
2003	49.7	51.2	60.1	70.8	80.1	82.2	84.7	86.0	78.5	72.4	63.7	55.2	69.6
2004	54.5	51.8	66.5	68.3	76.5	79.8	82.9	83.2	80.1	75.9	59.7	52.5	69.3
2005	54.4	55.8	60.7	67.6	74.6	83.5	85.2	85.6	84.4	70.8	64.8	52.1	70.0
2006	58.6	54.6	65.8	74.9	77.2	82.7	86.1	88.5	80.2	71.7	63.9	54.8	71.6
2007	47.5	54.5	65.5	65.7	75.5	81.0	81.1	85.1	81.3	74.0	63.0	54.7	69.1
2008	50.4	59.4	63.3	69.7	79.7	87.4	86.6	86.2	80.6	71.1	62.8	53.5	70.9
2009	53.6	61.0	63.8	69.1	78.5	86.6	89.5	89.1	78.2	68.8	61.2	47.6	70.6
2010	48.8	47.3	59.0	68.7	78.7	84.1	84.6	88.7	80.7	71.3	62.2	54.2	69.0
2011	49.7	55.1	66.6	76.1	78.1	87.1	89.7	91.7	84.4	71.7	62.0	52.2	72.0
2012	55.1	57.4	66.2	73.8	77.8	85.2	85.2	87.2	80.0	70.2	64.2	57.4	71.6
POR= 82 YRS	50.0	52.8	60.8	68.2	75.4	81.1	83.8	84.7	78.5	70.4	59.2	52.1	68.1

HEATING DEGREE DAYS (base 65°F) 2012 AUSTIN/CITY (KATT)

YEAR	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	TOTAL
1983-84	0	0	4	7	154	721	573	280	123	16	0	0	1878
1984-85	0	0	18	34	221	228	643	428	99	19	0	0	1690
1985-86	0	0	7	12	134	490	338	267	87	14	2	0	1351
1986-87	0	0	0	18	214	431	434	266	228	83	0	0	1674
1987-88	0	0	0	11	203	369	548	357	193	34	0	0	1715
1988-89	0	0	0	3	116	307	307	464	198	64	0	0	1459
1989-90	0	0	0	39	157	638	239	171	154	26	0	0	1424
1990-91	0	0	0	44	121	430	540	242	110	8	1	0	1496
1991-92	0	0	8	34	280	332	440	188	105	39	4	0	1430
1992-93	0	0	0	0	267	327	462	296	163	54	0	0	1569
1993-94	0	0	0	70	298	324	396	287	139	36	15	0	1565
1994-95	0	0	0	20	104	301	359	247	201	35	2	0	1269
1995-96	0	0	8	9	194	347	442	286	282	59	0	0	1627
1996-97	0	0	6	33	176	327	513	343	118	98	0	0	1614
1997-98	0	0	0	36	273	445	271	258	218	13	0	0	1514
1998-99	0	0	0	17	116	405	303	126	118	21	0	0	1106
1999-00	0	0	0	41	80	304	313	146	85	30	0	0	999
2000-01	0	0	5	63	291	599	509	258	309	12	0	0	2046
2001-02	0	0	1	32	137	365	373	380	219	21	0	0	1528
2002-03	0	0	0	36	241	368	477	386	170	22	0	0	1700
2003-04	0	0	0	11	143	308	340	379	30	38	2	0	1251
2004-05	0	0	0	4	164	387	359	270	164	29	5	0	1382
2005-06	0	0	0	36	127	397	202	302	91	0	0	0	1155
2006-07	0	0	0	26	113	332	538	308	86	85	0	0	1488
2007-08	0	0	0	23	159	342	458	192	132	25	0	0	1331
2008-09	0	0	0	29	118	373	365	155	142	35	0	0	1217
2009-10	0	0	5	43	133	535	500	489	190	18	0	0	1913
2010-11	0	0	0	11	156	339	472	333	81	7	16	0	1415
2011-12	0	0	0	29	164	392	302	252	74	0	0	0	1213
2012-	0	0	0	60	117	287							

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COOLING DEGREE DAYS (base 65°F) 2012 AUSTIN/CITY (KATT)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
1983	0	0	13	90	250	406	556	608	409	227	80	11	2650
1984	0	13	80	204	413	535	629	659	364	206	40	30	3173
1985	0	9	85	174	358	480	562	687	443	228	82	4	3112
1986	2	64	53	227	278	499	654	618	519	141	39	0	3094
1987	5	4	17	158	352	463	576	638	421	170	58	14	2876
1988	7	23	57	146	305	463	614	679	503	243	123	19	3182
1989	16	10	76	197	417	498	650	620	435	263	93	2	3277
1990	28	16	57	178	425	634	579	662	495	204	86	11	3375
1991	0	11	72	207	372	501	594	633	382	280	39	15	3106
1992	0	15	41	137	264	505	595	538	479	246	28	17	2865
1993	0	7	44	99	276	498	641	700	509	248	27	19	3068
1994	9	22	80	173	320	579	693	586	385	224	79	18	3168
1995	12	6	75	121	355	438	612	607	426	198	21	42	2913
1996	3	83	47	174	491	529	682	588	392	192	45	21	3247
1997	15	16	58	46	240	431	592	569	500	211	26	0	2704
1998	15	1	53	92	470	648	715	653	543	231	57	35	3513
1999	18	56	39	231	361	509	572	729	500	242	70	18	3345
2000	23	67	133	198	443	506	681	694	508	270	26	0	3549
2001	0	17	4	192	362	536	691	667	374	138	79	24	3084
2002	24	0	46	279	411	538	547	637	451	183	15	8	3139
2003	5	6	26	202	475	519	621	658	411	247	111	11	3292
2004	18	1	83	145	367	447	563	571	458	348	13	6	3020
2005	39	19	39	116	309	562	631	648	590	223	127	6	3309
2006	12	16	120	304	389	536	662	739	463	242	89	24	3596
2007	4	20	107	113	331	483	503	632	497	307	104	29	3130
2008	14	39	87	173	463	681	676	665	475	223	58	21	3575
2009	18	51	113	164	423	654	766	755	411	168	26	0	3549
2010	2	0	10	137	431	581	612	743	481	212	81	9	3299
2011	3	63	140	347	428	667	771	834	588	245	80	4	4170
2012	4	43	117	271	405	611	635	692	458	228	99	56	3619

SNOWFALL (inches) 2012 AUSTIN/CITY (KATT)

YEAR	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	TOTAL
1983-84	0.0	0.0	0.0	0.0	0.0	T	0.0	0.0	0.0	0.0	0.0	0.0	T
1984-85	0.0	0.0	0.0	0.0	0.0	0.0	7.5	1.2	0.0	0.0	0.0	0.0	8.7
1985-86	0.0	0.0	0.0	0.0	0.0	0.0	T	0.0	0.0	0.0	0.0	0.0	T
1986-87	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	T	0.0	0.0	0.0	T
1987-88	0.0	0.0	0.0	0.0	0.0	0.0	0.0	T	0.0	0.0	0.0	0.0	T
1988-89	0.0	0.0	0.0	0.0	0.0	0.0	0.0	T	T	0.0	T	0.0	T
1989-90	0.0	0.0	0.0	0.0	0.0	T	0.0	0.0	0.0	0.0	0.0	0.0	T
1990-91	0.0	0.0	0.0	0.0	0.0	T	0.0	0.0	0.0	0.0	0.0	0.0	T
1991-92	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1992-93	0.0	0.0	0.0	0.0	T	0.0	T	0.0	T	0.0	T	0.0	T
1993-94	0.0	0.0	0.0	0.0	0.0	T	T	0.4	T	0.0	0.0	0.0	0.4
1994-95	0.0	0.0	0.0	0.0	0.0	0.0	T	0.0	0.0	T	0.0	0.0	T
1995-96	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.3
1996-97	0.0	0.0	0.0	0.0	T	T	T	0.0	0.0	0.0	0.0	0.0	T
1997-98	0.0	0.0	0.0	0.0	T	T	0.0	T	T	0.0	0.0	0.0	T
1998-99	0.0	0.0	0.0	0.0	0.0	T	0.0	0.0	0.0	0.0	T	0.0	T
1999-00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2000-01	0.0	0.0	0.0	0.0	0.0	T	0.0	0.0	0.0	0.0	0.0	0.0	T
2001-02	0.0	0.0	0.0	0.0	T	T	T	0.0	T	0.0	0.0	0.0	T
2002-03	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.6
2003-04	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6	0.0	0.0	0.0	0.0	1.6
2004-05	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	T	T	T	0.0	T
2005-06	0.0	0.0	0.0	0.0	0.0	T	0.0	0.0	T	T	T	0.0	T
2006-07	0.0	0.0	0.0	0.0	T	0.0	0.2	0.0	0.0	T	0.0	0.0	0.2
2007-08	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	T	T	0.0	T
2008-09	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	T	0.1
2009-10	0.0	0.0	0.0	0.0	0.0	T	0.0	0.6	0.0	0.0	0.0	0.0	0.6
2010-11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.0	T	T	0.0	0.9
2011-12	0.0	0.0	0.0	0.0	0.0	0.0	T	T	0.0	0.0	0.0	0.0	T
2012-	0.0	0.0	0.0	0.0	0.0	0.0							
POR= 81 YRS	0.0	0.0	0.0	0.0	0.2	T	0.4	0.3	T	T	T	T	0.9

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REFERENCE NOTES :

PAGE 1:
THE TEMPERATURE GRAPH SHOWS NORMAL MAXIMUM AND NORMAL MINIMUM DAILY TEMPERATURES (SOLID CURVES) AND THE ACTUAL DAILY HIGH AND LOW TEMPERATURES (VERTICAL BARS).
PAGE 2 AND 3:
H/C INDICATES HEATING AND COOLING DEGREE DAYS.
RH INDICATES RELATIVE HUMIDITY
W/O INDICATES WEATHER AND OBSTRUCTIONS
S INDICATES SUNSHINE.
PR INDICATES PRESSURE.
CLOUDINESS ON PAGE 3 IS THE SUM OF THE CEILOMETER AND SATELLITE DATA NOT TO EXCEED EIGHT EIGHTHS(OKTAS).
GENERAL:
T INDICATES TRACE PRECIPITATION, AN AMOUNT GREATER THAN ZERO BUT LESS THAN THE LOWEST REPORTABLE VALUE.
+ INDICATES THE VALUE ALSO OCCURS ON EARLIER DATES.
BLANK ENTRIES DENOTE MISSING OR UNREPORTED DATA.
ASOS INDICATES AUTOMATED SURFACE OBSERVING SYSTEM.
PM INDICATES THE LAST DAY OF THE PREVIOUS MONTH.
POR (PERIOD OF RECORD) BEGINS WITH THE JANUARY DATA MONTH AND IS THE NUMBER OF YEARS USED TO COMPUTE THE MEAN. INDIVIDUAL MONTHS WITHIN THE POR MAY BE MISSING.
WHEN THE POR FOR A NORMAL IS LESS THAN 30 YEARS, THE NORMAL IS PROVISIONAL AND IS BASED ON THE NUMBER OF YEARS INDICATED.
0.* OR * INDICATES THE VALUE OR MEAN-DAYS-WITH IS BETWEEN 0.00 AND 0.05.
CLOUDINESS FOR ASOS STATIONS DIFFERS FROM THE NON-ASOS OBSERVATION TAKEN BY A HUMAN OBSERVER. ASOS STATION CLOUDINESS IS BASED ON TIME-AVERAGED CEILOMETER DATA FOR CLOUDS AT OR BELOW 12,000 FEET
CLEAR INDICATES 0 - 2 OKTAS, PARTLY CLOUDY INDICATES 3 - 6 OKTAS, AND CLOUDY INDICATES 7 OR 8 OKTAS.
GENERAL CONTINUED:
WIND DIRECTION IS RECORDED IN TENS OF DEGREES (2 DIGITS) CLOCKWISE FROM TRUE NORTH. "00" INDICATES CALM. "36" INDICATES TRUE NORTH.
RESULTANT WIND IS THE VECTOR AVERAGE OF THE SPEED AND DIRECTION.
AVERAGE TEMPERATURE IS THE SUM OF THE MEAN DAILY MAXIMUM AND MINIMUM TEMPERATURE DIVIDED BY 2.
SNOWFALL DATA COMPRISE ALL FORMS OF FROZEN PRECIPITATION, INCLUDING HAIL.
A HEATING (COOLING) DEGREE DAY IS THE DIFFERENCE BETWEEN THE AVERAGE DAILY TEMPERATURE AND 65 F.
DRY BULB IS THE TEMPERATURE OF THE AMBIENT AIR.
DEW POINT IS THE TEMPERATURE TO WHICH THE AIR MUST BE COOLED TO ACHIEVE 100 PERCENT RELATIVE HUMIDITY.
WET BULB IS THE TEMPERATURE THE AIR WOULD HAVE IF THE MOISTURE CONTENT WAS INCREASED TO 100 PERCENT RELATIVE HUMIDITY.
ON JULY 1, 1996, THE NATIONAL WEATHER SERVICE BEGAN USING THE "METAR" OBSERVATION CODE THAT WAS ALREADY EMPLOYED BY MOST OTHER NATIONS OF THE WORLD. THE MOST NOTICEABLE DIFFERENCE IN THIS ANNUAL PUBLICATION WILL BE THE CHANGE IN UNITS FROM TENTHS TO EIGHTS(OKTAS) FOR REPORTING THE AMOUNT OF SKY COVER.
STATION HISTORY STOPPED WITH THE 2009 ANNUAL. IF YOU NEED SATION HISTORY INFORMATION GO TO "Historical Observing Metadata Repository", URL IS:
http://www.ncdc.noaa.gov/homr/
SNOWFALL STOPPED MONTH & YEAR INDICATED ABOVE. NO FURTHER YEARS INCLUDED UNLESS RESTARTED.

NOTE:

The "Period of Record:(POR)" for all "averages" is based on "Summary of the Day First Order Station" and "Cooperative Summary of the Day" archives.

The 2012 Annual Publications were reproduced on 6/05/13 to correct two problems that occurred when the Publications were first produced on 02/28/13.

1) A small number of stations did not correctly show number of days with thunderstorms and heavy fog.
2) Climate Normals in the Annual Publications were based on a first edition of the 1981-2010 Normals release. With the release of Service Pack 1 (SP1) new normals for 83 stations are available and now included. Additional information on SP1 is available at: http://www1.ncdc.noaa.gov/pub/data/normals/1981-2010/status.txt.

2012
AUSTIN/CITY
TEXAS (KATT)

Austin, capital of Texas, is located on the Colorado River where the stream crosses the Balcones escarpment separating the Texas Hill Country from the Blackland Prairies to the east. Elevations within the city vary from 400 feet to nearly 1,000 feet above sea level. Native trees include cedar, oak, walnut, mesquite, and pecan.

The climate of Austin is humid subtropical with hot summers. Winters are mild, with below freezing temperatures occurring on an average of about 25 days each year. Rather strong northerly winds, accompanied by sharp drops in temperature, frequently occur during the winter months in connection with cold fronts, but cold spells are usually of short duration, seldom lasting more than two days. Daytime temperatures in summer are hot, but summer nights are usually pleasant.

Precipitation is fairly evenly distributed throughout the year, with heaviest amounts occurring in late spring. A secondary rainfall peak occurs in September, primarily because of tropical cyclones that migrate out of the Gulf of Mexico. Precipitation from April through

September usually results from thunderstorms, with fairly large amounts of rain falling within short periods of time. While thunderstorms and heavy rains may occur in all months of the year, most of the winter precipitation consists of light rain. Snow is insignificant as a source of moisture, and usually melts as rapidly as it falls. The city may experience several seasons in succession with no measurable snowfall.

Prevailing winds are southerly, however in winter, northerly winds are about as frequent as those from the south. Destructive winds and damaging hailstorms are infrequent. On rare occasions dissipating tropical storms produce strong winds and heavy rains in the area. Blowing dust occurs occasionally in spring, but visibility rarely drops substantially, and then only for a few hours.

The average length of the warm season (freeze-free period) is 273 days. The average occurrence of the last temperature of 32 degrees in spring is early March and the average occurrence of the first temperature of 32 degrees is late November.

EDITORIAL NOTE:

With the opening of Austin Bergstrom International Airport in May 1999, there are now two sets of Local Climatological Data (LCD) maintained for Austin, Texas. As a user of National Climate Data Center products, you should be aware of the history of the data sets; in addition, you should know where and how these climatological data records are kept for the two Austin area weather observation sites.

Austin City/Camp Mabry (Texas National Guard) (Identifier ATT)
The Local Climatological Data for this site is based on weather records started back in the 1800s in the downtown Austin area. This National Weather Service first order data set was moved 3 miles northeast of the downtown area with the opening of Austin Robert Mueller Municipal Airport in the 1940s and continued until the closure of the Robert Mueller Airport on May 23, 1999. The National Weather Service ASOS was left without human augmentation effective with the closure of the airport. With the planned demolition of the former airport site, the National Weather Service held discussions with local users about finding a comparable location (geography and elevation) to maintain this "in city" climate data set. With cooperation of Texas National Guard officials, the National Weather Service moved the ASOS (no human augmentation) to Camp Mabry on July 21, 1999. This location, which is very similar to the former airport site, is along Loop 1/MoPac Expressway about 4 miles west northwest of the former Robert Mueller airport site and about 3 miles northwest of downtown Austin.

Austin Bergstrom International Airport
(Identifier AUS) The Local Climatological Data for this site is based upon U.S. Air Force weather records taken at Bergstrom Air Force Base (formerly occupying this site) for the time period 1942 through 1995. With base conversion to civilian use, Austin Bergstrom International Airport was opened to cargo operations on September 1, 1997, with resumption of manual surface weather observations. On October 2, 1997, an ASOS was commissioned at this airport. Austin Bergstrom International Airport was opened to full civilian operations (with full human augmentation as FAA Service Level "A" weather observations) on May 23, 1999. This weather observation site is located about 6 miles southeast of downtown Austin (immediately southeast of the intersection of U.S. Highway 183 and State Highway 71) in the Onion Creek watershed. Because the location is in a more outlying and lowlying area, nighttime temperatures (especially during calm wind conditions during the winter time of the year) tend to be considerably cooler than the Austin City/Camp Mabry (Texas National Guard) weather observation site.

As a NCDC Local Climatological data user, you should be aware of these 1999 changes and how it affects the choice of which Local Climatological Data set you use for Austin, Texas.

Station History

AUSTIN/CITY, TX

NAME	Begin Date	End Date	Latitude	Longitude	Elevation Feet	Relocation	Platform
AUSTIN MUELLER MUNICIPAL AP	1995-07-01	1997-07-01	30° 17'	-97° 42'	621	80 FT NW	ASOS,COOP
AUSTIN MUELLER MUNICIPAL AP	1961-01-01	1973-01-01	30° 18'	-97° 42'	600		AIRWAYS,COOP
AUSTIN MUELLER MUNICIPAL AP	1973-01-01	1979-12-01	30° 18'	-97° 42'	600		COOP,WXSVC
AUSTIN MUELLER MUNICIPAL AP	1989-02-23	1995-07-01	30° 16'	-97° 42'	587		COOP
AUSTIN MUELLER MUNICIPAL AP	1997-07-01	1999-07-26	30° 17'	-97° 41'	587		ASOS,COOP
AUSTIN MUELLER MUNICIPAL AP	1979-12-01	1981-12-31	30° 16'	-97° 42'	587	800 FT SE	COOP,WXSVC
AUSTIN MUELLER MUNICIPAL AP	1988-05-16	1989-02-23	30° 16'	-97° 42'	597		COOP
AUSTIN MUELLER MUNICIPAL AP	2010-06-01	2010-07-01	30° 19'	-97° 45'	658		ASOS,COOP
AUSTIN MUELLER MUNICIPAL AP	1946-08-01	1961-01-01	30° 18'	-97° 42'	620		AIRWAYS,COOP
AUSTIN MUELLER MUNICIPAL AP	1981-12-31	1988-05-16	30° 16'	-97° 42'	587		COOP
AUSTIN-CAMP MABRY	2010-07-01	Present	30° 19'	-97° 45'	670		ASOS,COOP
AUSTIN MUELLER MUNICIPAL AP	1938-01-01	1946-08-01	30° 18'	-97° 42'			AIRWAYS
AUSTIN MUELLER MUNICIPAL AP	1999-07-26	2010-06-01	30° 19'	-97° 45'	658	4 MI W	ASOS,COOP

Element History

Element	Begin Date	End Date	Frequency	Time Of Observation	Equipment *	Equipment * Modifications	Equipment Exposure
TEMP	1977-12-01	1988-05-16	DAILY	2400			
PRECIP	2011-03-01	Present	DAILY	2400	PCPNX		
PRECIP	1988-05-16	1989-02-23	HOURLY	2400	UNIV	RCRD	
MAX/MINTEM	1989-02-23	1995-07-01	DAILY	0700	PALMER		
TEMP	2002-09-10	2010-06-01	DAILY	2400	ATEMP		
TEMP	2010-06-01	2011-03-01	DAILY	2400	ATEMP		
PRECIP	1977-12-01	1988-05-16	HOURLY	2400	UNIV	RCRD	
EVAP	1977-12-01	1988-05-16	DAILY	0700			
PRECIP	1988-05-16	1989-02-23	DAILY	2400	UNIV	RCRD	
EVAP	1988-05-16	1989-02-23	DAILY	0730	MONEL (H)		
PRECIP	1989-02-23	1995-07-01	HOURLY	2400	UNIV	RCRD	
PRECIP	2010-06-01	2011-03-01	DAILY	2400	PCPN1		
MAX/MINTEM	1988-05-16	1989-02-23	DAILY	0700	PALMER		
TEMP	1989-02-23	1995-07-01	DAILY	2400	HYGR		
PRECIP	1995-07-01	2002-09-10	DAILY	2400	TB	RCRD	
TEMP	1995-07-01	2002-09-10	DAILY	2400	HYGR		
PRECIP	2002-09-10	2010-06-01	DAILY	2400	TB	RCRD	
PRECIP	2011-03-01	Present	HOURLY	2400	AWPAG	RCRD;HTD	
EVAP	1989-02-23	1995-07-01	DAILY	0730	MONEL (H)		
PRECIP	2002-09-10	2010-06-01	HOURLY	2400	TB	RCRD	
PRECIP	2010-06-01	2011-03-01	HOURLY	2400	AWPAG	RCRD;HTD	
PRECIP	1934-01-01	1977-12-01	DAILY	2400	UNIV	RCRD	
EVAP	1934-01-01	1977-12-01	DAILY	0700			
TEMP	1988-05-16	1989-02-23	DAILY	2400			
TEMP	2011-03-01	Present	DAILY	2400	ATEMP		
TEMP	1934-01-01	1977-12-01	DAILY	2400			
PRECIP	1977-12-01	1988-05-16	DAILY	2400	UNIV	RCRD	
PRECIP	1989-02-23	1995-07-01	DAILY	2400	UNIV	RCRD	
PRECIP	1995-07-01	2002-09-10	HOURLY	2400	TB	RCRD	

* For explanation of codes and abbrevitions see Station Metadata link below.

Other Station Information can be found at:
ASOS Implementation by NWS: http://www.nws.noaa.gov/ops2/Surface/asosimplementation.htm
Station Metadata website: http://www.ncdc.noaa.gov/homr

INQUIRES/COMMENTS CALL: (828) 271-4800, option 2
Fax Number : (828) 271-4876
TDD : (828) 271-4010
Email : ncdc.orders@noaa.gov

NOAA/National Climatic Data Center
Attn: User Engagement & Services Branch
151 Patton Avenue
Asheville, NC 28801-5001