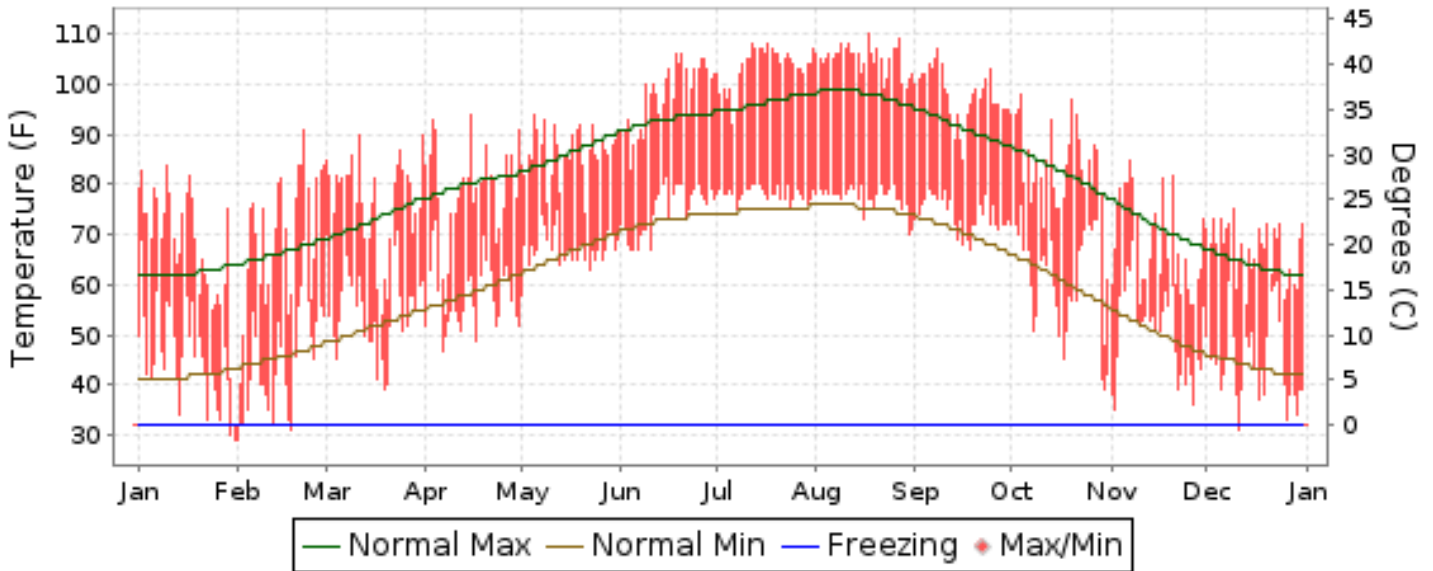


2023 LOCAL CLIMATOLOGICAL DATA ANNUAL SUMMARY WITH COMPARATIVE DATA

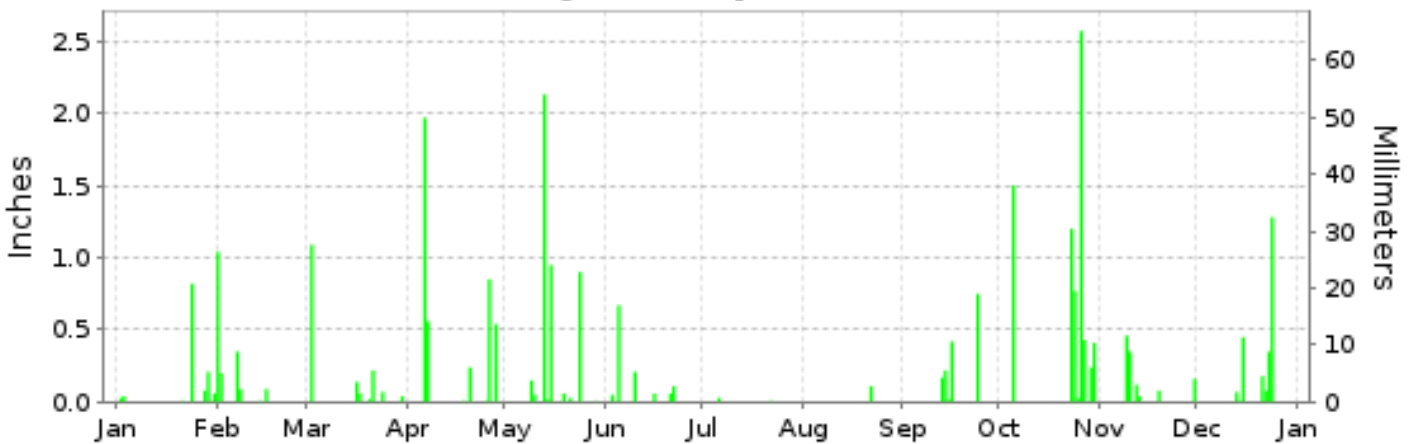
ISSN 1528-7432

AUSTIN/CITY, TEXAS (KATT)

Daily Max/Min Temperature



Daily Precipitation



Daily Station Pressure



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NATIONAL
OCEANIC AND
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NATIONAL
ENVIRONMENTAL SATELLITE, DATA
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ASHEVILLE, NORTH CAROLINA

DIRECTOR
NCEI

METEOROLOGICAL DATA FOR 2023

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	67.6	68.7	76.6	79.0	86.7	97.9	103.5	104.9	97.9	82.7	68.3	66.9	83.4	
	HIGHEST DAILY MAXIMUM	84	91	90	94	94	106	108	110	107	98	85	75	110	
	DATE OF OCCURRENCE	10	22	31+	15	05	20+	17+	17	08	04	07	09	AUG 17	
	MEAN DAILY MINIMUM	45.5	44.7	55.0	57.9	67.3	74.8	78.1	77.3	73.9	61.4	50.6	44.7	60.9	
	LOWEST DAILY MINIMUM	29	29	39	47	58	67	75	70	67	39	35	31	29	
	DATE OF OCCURRENCE	31	01	19	06	01	10+	24+	30	18	30	02	11	FEB 01	
	AVERAGE DRY BULB	56.6	56.7	65.8	68.5	77.0	86.4	90.8	91.1	85.9	72.1	59.5	55.8	72.2	
	MEAN WET BULB	49.6	49.9	57.9	69.4	75.1	75.0	73.6	72.5	62.2	54.0	49.1	49.1	49.1	
	MEAN DEW POINT	42.4	43.1	51.4	65.7	70.6	70.6	68.3	65.4	66.3	55.7	49.3	42.7	42.7	
	NUMBER OF DAYS WITH:														
	MAXIMUM >= 90°	0	1	2	4	9	26	31	31	27	7	0	0	0	138
MAXIMUM <= 32°	1	1	0	0	0	0	0	0	0	0	0	0	0	2	
MINIMUM <= 32°	2	5	0	0	0	0	0	0	0	0	0	1	1	8	
MINIMUM <= 0°	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
H/C	HEATING DEGREE DAYS	281	270	83	39	0	0	0	0	0	45	204	280	1202	
	COOLING DEGREE DAYS	28	44	115	150	377	648	805	819	638	273	44	3	3944	
RH	MEAN (PERCENT)	64	67	65	71	73	64	54	49	58	65	74	67	64	
	HOUR 00 LST	71	75	71	79	82	76	63	59	68	72	82	74	73	
	HOUR 06 LST	76	79	79	85	90	86	83	77	85	82	86	81	82	
	HOUR 12 LST	55	56	57	62	62	50	39	32	45	52	65	55	53	
	HOUR 18 LST	52	51	51	57	58	46	32	28	39	52	64	55	49	
W/O	NUMBER OF DAYS WITH:														
	HEAVY FOG(VISBY <= 1/4 MI)	2	2	2	0	0	0	0	0	0	2	1	1	10	
	THUNDERSTORMS	1	0	2	10	6	8	1	2	4	3	0	1	38	
PR	MEAN STATION PRESS. (IN.)	29.38	29.39	29.29	29.26	29.25	29.15	29.28	29.24	29.25	29.31	29.41	29.44	29.30	
	MEAN SEA-LEVEL PRESS. (IN.)	30.08	30.09	29.99	29.95	29.92	29.81	29.94	29.90	29.92	30.01	30.12	30.15	29.99	
WINDS	RESULTANT SPEED (MPH)	0.7	0.5	1.3	0.7	1.4			2.1		0.9	0.8	0.2		
	RES. DIR. (TENS OF DEGS.)	34	27	14	09	13			16		08	35	34		
	MEAN SPEED (MPH)	4.2	5.4	5.7	5.2	3.8	5.3	5.2	5.1	4.3	5.0	3.8	3.7	4.7	
	PREVAIL.DIR.(TENS OF DEGS.)	35	33	17	17	14	16	17	16	17	14	01	13	17	
	MAXIMUM 2-MINUTE WIND														
	SPEED (MPH)	18	20	25	20	20	26	17	18	31	17	17	18	31	
	DIR. (TENS OF DEGS.)	33	34	28	02	01	01	14	35	11	11	34	36	11	
	DATE OF OCCURRENCE	12	16	02	15	05	16	06	27	24	27	21	10	SEP 24	
	MAXIMUM 3-SECOND WIND:														
	SPEED (MPH)	35	43	54	37	42	48	30	37	51	34	37	34	54	
DIR. (TENS OF DEGS.)	32	35	28	16	35	36	15	36	12	34	34	01	28		
DATE OF OCCURRENCE	24	16	02	28	05	16	06	27	24	30	21	10	MAR 02		
PRECIPITATION	WATER EQUIVALENT:														
	TOTAL (IN.)	1.26	1.78	1.64	4.18	4.30	1.16	0.04	0.11	1.58	7.15	1.21	2.42	26.83	
	GREATEST 24-HOUR (IN.)	0.82	1.05	1.09	2.16	2.13	0.67	0.03	0.11	0.75	2.60	0.80	1.63	2.60	
	DATE OF OCCURRENCE	24	01-02	02	06-07	13	05	06	22	24	25-26	09-10	23-24	OCT 25-26	
	NUMBER OF DAYS WITH:														
	PRECIPITATION 0.01	8	6	7	7	9	6	2	1	5	8	6	7	72	
PRECIPITATION 0.10	2	3	3	5	4	3	0	1	4	7	4	4	40		
PRECIPITATION 1.00	0	1	1	1	1	0	0	0	0	3	0	1	8		
SNOWFALL	SNOW,ICE PELLETS,HAIL	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	
	TOTAL (IN.)	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	
	GREATEST 24-HOUR (IN.)														
	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:															
SNOWFALL >= 1.0	0	0	0	0	0	0	0	0	0	0	0	0	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	62.5	66.5	73.3	80.3	86.9	93.2	96.6	97.8	91.4	82.5	71.5	63.9	80.5
	MEAN DAILY MAXIMUM	93	60.6	63.6	72.3	79.0	85.6	91.4	94.9	96.2	89.4	81.8	70.1	63.0	79.0
	HIGHEST DAILY MAXIMUM	82	90	99	98	99	102	109	110	112	112	99	91	90	112
	YEAR OF OCCURRENCE		1971	1996	1971	2006	1998	2012	2022	2011	2000	2020	2016	1955	AUG 2011
	MEAN OF EXTREME MAXS.	93	79.8	83.2	87.3	91.3	94.4	98.4	101.5	102.5	98.9	92.9	85.2	80.1	91.3
	NORMAL DAILY MINIMUM	30	41.8	45.8	52.2	58.9	66.8	72.9	75.0	75.1	70.1	60.8	50.5	43.4	59.4
	MEAN DAILY MINIMUM	93	40.0	42.7	50.1	57.7	65.5	71.2	73.5	74.0	68.5	59.5	48.7	41.9	57.8
	LOWEST DAILY MINIMUM	82	-2	7	18	34	43	53	63	61	41	30	20	4	-2
	YEAR OF OCCURRENCE		1949	2021	1948	2007	1954	1970	2019	1967	1942	1993	1976	1989	JAN 1949
	MEAN OF EXTREME MINS.	93	24.0	27.1	33.0	42.6	53.5	63.5	69.6	68.8	57.7	44.1	33.1	26.3	45.3
	NORMAL DRY BULB	30	52.2	56.1	62.8	69.6	76.8	83.0	85.8	86.5	80.8	71.6	61.0	53.6	70.0
	MEAN DRY BULB	93	50.3	53.1	61.2	68.4	75.6	81.4	84.2	85.1	79.0	70.7	59.4	52.5	68.4
	MEAN WET BULB	38	42.0	46.0	51.9	58.4	66.3	71.1	72.0	71.5	67.7	60.3	51.4	44.6	58.6
	MEAN DEW POINT	37	41.6	44.4	51.4	57.9	66.2	71.2	71.8	71.5	67.5	59.9	50.7	44.0	58.2
	NORMAL NO. DAYS WITH: MAXIMUM >= 90	30	0.0	0.3	0.5	2.5	11.1	23.8	29.0	29.2	20.0	6.4	0.1	0.0	122.9
	MAXIMUM <= 32	30	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.5
	MINIMUM <= 32	30	4.7	2.3	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	3.4	11.9
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	408	272	143	34	3	0	0	0	1	32	182	368	1443
	NORMAL COOLING DEG. DAYS	30	10	24	73	172	370	541	645	665	474	238	62	16	3290
RH	NORMAL (PERCENT)		68	67	66	67	73	71	66	65	68	69	70	68	68
	HOURLY 00 LST	30	73	72	72	74	82	81	76	75	77	76	78	74	76
	HOURLY 06 LST	30	79	80	80	83	89	90	89	88	86	85	83	80	84
	HOURLY 12 LST	30	61	59	57	56	62	58	52	51	55	57	60	60	57
	HOURLY 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)	60	3.2	1.9	1.9	0.9	0.9	0.5	0.5	0.5	0.7	1.4	2.4	3.3	18.1
	THUNDERSTORMS	76	1.1	2.0	3.3	4.7	7.0	5.3	4.5	4.8	4.2	3.1	1.7	1.3	43.0
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)	40	29.46	29.40	29.34	29.27	29.24	29.25	29.30	29.29	29.30	29.34	29.41	29.44	29.34
	MEAN SEA-LEVEL PRES. (IN)	40	30.15	30.09	30.01	29.93	29.91	29.90	29.96	29.94	29.96	30.01	30.10	30.13	30.01
WINDS	MEAN SPEED (MPH)	40	6.5	7.1	7.5	7.4	7.0	6.5	6.1	5.6	5.3	5.6	6.0	6.1	6.4
	PREVAIL.DIR(TENS OF DEGS)	52	36	36	17	17	17	17	17	17	17	17	19	36	17
	MAXIMUM 2-MINUTE: SPEED (MPH)	28	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)	28	45	51	54	57	71	48	40	54	57	45	44	46	71
	DIR. (TENS OF DEGS)		03	28	28	30	02	36	11	09	05	32	30	30	02
	YEAR OF OCCURRENCE		1996	2013	2023	2014	1997	2023	2004	1999	1997	2022	2006	2003	MAY 1997
PRECIPITATION	NORMAL (IN)	30	2.64	1.89	2.88	2.42	5.04	3.68	1.96	2.74	3.45	3.91	2.92	2.72	36.25
	MAXIMUM MONTHLY (IN)	82	9.21	6.56	7.54	9.93	17.59	14.96	10.54	10.44	13.20	13.28	14.10	14.16	17.59
	YEAR OF OCCURRENCE		1991	1992	2006	1957	2015	1981	1979	2017	2010	2013	2004	1991	MAY 2015
	MINIMUM MONTHLY (IN)	82	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)	82	4.41	3.73	3.46	4.65	5.66	6.50	5.46	6.01	7.39	7.51	7.55	6.19	7.55
	YEAR OF OCCURRENCE		1991	1958	2006	2019	1979	1964	1961	1994	2010	1998	2001	1991	NOV 2001
	NORMAL NO. DAYS WITH: PRECIPITATION >= 0.01	30	7.6	7.7	8.9	7.1	8.9	7.4	4.9	4.8	7.1	7.0	6.9	7.5	85.8
	PRECIPITATION >= 1.00	30	0.7	0.3	0.8	0.7	1.8	1.3	0.5	0.8	1.0	1.3	0.9	0.9	11.0
SNOWFALL	NORMAL (IN)	30	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2
	MAXIMUM MONTHLY (IN)	76	7.5	6.4	2.0	T	T	T	T	0.0	0.0	0.0	2.0	0.4	7.5
	YEAR OF OCCURRENCE		1985	2021	1965	2016	2017	2019	2022	2011			1980	2017	JAN 1985
	MAXIMUM IN 24 HOURS (IN)	76	7.0	6.0	2.0	T	T	T	0.0	0.0	0.0	0.0	2.0	0.4	7.0
	YEAR OF OCCURRENCE		1944	1966	1965	2016	2017	2019					1980	2017	JAN 1944
	MAXIMUM SNOW DEPTH (IN)	71	6	6	1	0	0	0	0	0	0	0	0	T	6
	YEAR OF OCCURRENCE		1949	2021	1965									2008	FEB 2021
NORMAL NO. DAYS WITH: SNOWFALL >= 1.0	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	

PRECIPITATION (inches) 2023 AUSTIN/CITY (KATT)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
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	2.70	1.43	3.22	0.51	33.98
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	2.13	2.34	1.46	5.42	2.91	4.28	46.79
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	1.14	2.40	3.25	5.27	1.87	0.13	1.76	6.03	7.95	2.87	37.27
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
2013	2.88	0.38	1.17	3.22	6.03	0.92	2.91	0.27	5.82	13.28	3.43	0.72	41.03
2014	0.45	0.38	1.27	1.89	7.09	3.08	5.58	0.12	6.98	1.85	5.78	1.06	35.53
2015	5.02	0.50	4.83	2.31	17.59	8.89	T	0.35	1.89	11.85	3.73	3.00	59.96
2016	0.34	1.34	3.51	7.12	7.15	2.61	1.94	6.93	2.09	0.17	3.11	2.54	38.85
2017	4.13	2.09	2.48	1.22	2.86	3.05	0.23	10.44	2.03	1.76	0.12	4.31	34.72
2018	0.28	1.71	3.74	0.47	4.57	2.13	4.02	0.33	7.96	7.74	1.73	5.84	40.52
2019	3.39	0.59	0.41	7.28	7.52	4.45	0.39	1.51	0.64	4.19	0.66	0.83	31.86
2020	2.38	2.29	4.01	2.88	7.84	2.67	0.65	1.25	5.96	0.35	0.73	4.07	35.08
2021	1.63	1.91	1.11	3.43	7.23	3.59	4.05	3.60	1.79	5.30	2.40	1.69	37.73
2022	2.21	2.90	0.99	1.72	2.03	2.28	T	5.72	0.47	2.18	4.14	1.95	26.59
2023	1.26	1.78	1.64	4.18	4.30	1.16	0.04	0.11	1.58	7.15	1.21	2.42	26.83
POR= 93 YRS	2.22	2.21	2.26	2.86	4.52	3.45	2.04	2.27	3.39	3.51	2.48	2.42	33.63

WBAN : 13958

AVERAGE TEMPERATURE (°F) 2023 AUSTIN/CITY (KATT)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
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
2013	53.6	59.0	62.8	67.0	75.7	85.2	85.8	88.1	83.5	71.5	57.9	50.1	70.0
2014	50.6	54.9	58.9	69.2	74.6	82.0	84.4	87.1	80.6	74.5	55.7	55.0	69.0
2015	48.7	51.3	60.2	71.2	75.2	81.1	85.6	87.4	83.4	74.6	61.5	57.1	69.8
2016	51.9	59.8	66.1	70.0	74.2	83.1	88.0	84.4	82.5	75.6	65.7	55.0	71.4
2017	56.7	64.5	68.6	71.7	76.3	84.0	88.9	85.3	79.9	70.9	66.2	52.4	72.1
2018	49.8	56.2	67.0	67.4	80.6	86.5	87.6	88.7	80.6	70.0	56.8	53.2	70.4
2019	51.6	56.4	60.4	69.5	76.7	82.2	86.5	89.9	88.0	71.7	58.9	55.8	70.6
2020	57.5	55.0	68.7	69.3	77.8	83.2	88.9	89.5	78.2	71.8	66.3	54.9	71.8
2021	53.6	48.3	64.9	69.1	75.1	83.6	84.1	86.0	82.9	74.3	61.6	65.1	70.7
2022	50.0	50.0	62.3	73.8	82.3	87.7	90.6	88.0	82.7	72.3	59.2	55.0	71.2
2023	56.6	56.7	65.8	68.5	77.0	86.4	90.8	91.1	85.9	72.1	59.5	55.8	72.2
POR= 93 YRS	50.3	53.1	61.2	68.4	75.6	81.4	84.2	85.1	79.0	70.7	59.4	52.5	68.4

HEATING DEGREE DAYS (base 65°F) 2023 AUSTIN/CITY (KATT)

YEAR	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	TOTAL
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
2012-13	0	0	0	60	117	287	374	183	139	79	12	0	1251
2013-14	0	0	0	20	254	468	441	313	226	49	5	0	1776
2014-15	0	0	2	0	288	309	501	383	203	12	0	0	1698
2015-16	0	0	0	4	156	259	406	172	69	14	1	0	1081
2016-17	0	0	0	1	59	341	273	104	53	3	0	0	834
2017-18	0	0	0	38	85	397	464	284	56	39	0	0	1363
2018-19	0	0	0	62	266	358	413	271	202	35	6	0	1613
2019-20	0	0	0	75	238	282	248	290	43	62	0	0	1238
2020-21	0	0	2	72	72	313	348	481	79	44	0	0	1411
2021-22	0	0	0	4	139	109	455	429	145	3	0	0	1284
2022-23	0	0	0	20	250	355	281	270	83	39	0	0	1298
2023-	0	0	0	45	204	280							

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COOLING DEGREE DAYS (base 65°F) 2023 AUSTIN/CITY (KATT)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
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
2013	27	22	78	145	352	612	649	725	562	229	48	15	3464
2014	3	38	43	181	309	519	607	693	476	302	17	9	3197
2015	3	8	62	205	323	490	646	703	557	308	59	20	3384
2016	8	31	110	173	293	549	721	609	531	339	86	40	3490
2017	22	95	172	214	359	577	749	638	453	232	130	14	3655
2018	1	41	126	121	493	650	708	743	470	225	25	2	3605
2019	3	34	66	178	377	523	672	782	697	293	62	6	3693
2020	24	8	168	198	405	552	752	770	407	287	118	6	3695
2021	3	20	79	176	323	564	603	657	546	299	45	120	3435
2022	0	16	70	273	543	691	803	718	539	256	81	54	4044
2023	28	44	115	150	377	648	805	819	638	273	44	3	3944

SNOWFALL (inches) 2023 AUSTIN/CITY (KATT)

YEAR	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	TOTAL
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
2012-13	0.0	0.0	0.0	0.0	0.0	0.0	T	0.0	0.0	0.0	0.0	0.0	T
2013-	0.0	0.0	0.0	0.0	0.0	0.0							
2013-14	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	T	T	0.0	0.0	0.2
2014-15	0.0	0.0	0.0	0.0	0.0	0.0	T	T	T	T	0.0	0.0	T
2015-16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	T	0.0	0.0	T
2016-17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	T	0.0	T
2017-18	0.0	0.0	0.0	0.0	0.0	0.4	T	T	0.0	0.0	0.0	0.0	0.4
2018-19	0.0	0.0	0.0	0.0	0.0	0.0	T	T	0.0	0.0	0.0	T	T
2019-20	0.0	0.0	0.0	0.0	T	0.0	0.0	T	0.0	0.0	0.0	0.0	T
2020-21	0.0	0.0	0.0	0.0	0.0	0.0	1.5	6.4	T	0.0	0.0	0.0	7.9
2021-22	0.0	0.0	0.0	0.0	0.0	0.0	T	0.1	0.0	0.0	0.0	0.0	0.1
2022-23	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
2023-	0.0	0.0	0.0	0.0	0.0	0.0							
POR= 92 YRS	0.0	0.0	0.0	0.0	0.2	T	0.3	0.3	T	T	T	T	0.8

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REFERENCE NOTES :

<p>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).</p> <p>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).</p> <p>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.</p> <p>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</p>	<p>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 EIGHTHS(OKTAS) FOR REPORTING THE AMOUNT OF SKY COVER. STATION HISTORY STOPPED WITH THE 2009 ANNUAL. IF YOU NEED STATION 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.</p> <p>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.</p>
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2023 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 20 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 and October in part 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 289 days. The average occurrence of the last temperature of 32 degrees in spring is mid-February 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	1938-01-01	1946-08-01	30° 18'	-97° 42'			AIRWAYS
AUSTIN MUELLER MUNICIPAL AP	1946-08-01	1961-01-01	30° 18'	-97° 42'	620		AIRWAYS, 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	1979-12-01	1981-12-31	30° 16'	-97° 42'	587	800 FT SE	COOP, WXSVC
AUSTIN MUELLER MUNICIPAL AP	1981-12-31	1988-05-16	30° 16'	-97° 42'	587		COOP
AUSTIN MUELLER MUNICIPAL AP	1988-05-16	1989-02-23	30° 16'	-97° 42'	597		COOP
AUSTIN MUELLER MUNICIPAL AP	1989-02-23	1995-07-01	30° 16'	-97° 42'	587		COOP
AUSTIN MUELLER MUNICIPAL AP	1995-07-01	1997-07-01	30° 17'	-97° 42'	621	80 FT NW	ASOS, COOP
AUSTIN MUELLER MUNICIPAL AP	1997-07-01	1999-07-26	30° 17'	-97° 41'	587		ASOS, COOP
AUSTIN MUELLER MUNICIPAL AP	1999-07-26	2002-09-10	30° 19'	-97° 45'	658	4 MI W	ASOS, COOP
AUSTIN MUELLER MUNICIPAL AP	2002-09-10	2010-06-01	30° 19'	-97° 45'	658		ASOS, COOP
AUSTIN MUELLER MUNICIPAL AP	2010-06-01	2010-07-01	30° 19'	-97° 45'	658		ASOS, COOP
AUSTIN-CAMP MABRY	2010-07-01	2017-10-01	30° 19'	-97° 45'	670		ASOS, COOP
AUSTIN-CAMP MABRY	2017-10-01	Present	30° 19'	-97° 45'	670		ASOS, COOP, PLCD

Element History

Element	Begin Date	End Date	Frequency	Time Of Observation	Equipment *	Equipment * Modifications	Equipment Exposure
EVAP	1934-01-01	1977-12-01	DAILY	0700			
PRECIP	1934-01-01	1977-12-01	DAILY	2400	UNIV	RCRD	
TEMP	1934-01-01	1977-12-01	DAILY	2400			
EVAP	1977-12-01	1988-05-16	DAILY	0700			
PRECIP	1977-12-01	1988-05-16	HOURLY	2400	UNIV	RCRD	
PRECIP	1977-12-01	1988-05-16	DAILY	2400	UNIV	RCRD	
TEMP	1977-12-01	1988-05-16	DAILY	2400			
EVAP	1988-05-16	1989-02-23	DAILY	0730	MONEL (H)		
MAX/MINTEM	1988-05-16	1989-02-23	DAILY	0700	PALMER		
PRECIP	1988-05-16	1989-02-23	DAILY	2400	UNIV	RCRD	
PRECIP	1988-05-16	1989-02-23	HOURLY	2400	UNIV	RCRD	
TEMP	1988-05-16	1989-02-23	DAILY	2400			
EVAP	1989-02-23	1995-07-01	DAILY	0730	MONEL (H)		
MAX/MINTEM	1989-02-23	1995-07-01	DAILY	0700	PALMER		
PRECIP	1989-02-23	1995-07-01	HOURLY	2400	UNIV	RCRD	
PRECIP	1989-02-23	1995-07-01	DAILY	2400	UNIV	RCRD	
TEMP	1989-02-23	1995-07-01	DAILY	2400	HYGR		
PRECIP	1995-07-01	2002-09-10	DAILY	2400	TB	RCRD	
PRECIP	1995-07-01	2002-09-10	HOURLY	2400	TB	RCRD	
TEMP	1995-07-01	2002-09-10	DAILY	2400	HYGR		
WIND	1995-07-01	2002-09-10	HOURLY	UNKN	ANEMCUP		
PRECIP	2002-09-10	2007-03-08	DAILY	2400	TB	RCRD	
PRECIP	2002-09-10	2007-03-08	HOURLY	2400	TB	RCRD	
TEMP	2002-09-10	2007-03-08	DAILY	2400	ATEMP		
WIND	2002-09-10	2007-03-08	HOURLY	UNKN	ANEMCUP		
PRECIP	2007-03-08	2010-06-01	HOURLY	2400	TB	RCRD	
PRECIP	2007-03-08	2010-06-01	DAILY	2400	TB	RCRD	
TEMP	2007-03-08	2010-06-01	DAILY	2400	ATEMP		
WIND	2007-03-08	2010-06-01	HOURLY	UNKN	ANEMSONIC		
PRECIP	2010-06-01	2011-03-01	DAILY	2400	PCPN1		
PRECIP	2010-06-01	2011-03-01	HOURLY	2400	AWPAG	RCRD;HTD	
TEMP	2010-06-01	2011-03-01	DAILY	2400	ATEMP		
WIND	2010-06-01	2011-03-01	HOURLY	UNKN	ANEMSONIC		
PRECIP	2011-03-01	Present	DAILY	2400	PCPNX		
PRECIP	2011-03-01	Present	HOURLY	2400	AWPAG	RCRD;HTD	
TEMP	2011-03-01	Present	DAILY	2400	ATEMP		
WIND	2011-03-01	Present	HOURLY	UNKN	ANEMSONIC		

* For explanation of codes and abbreviations 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>

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