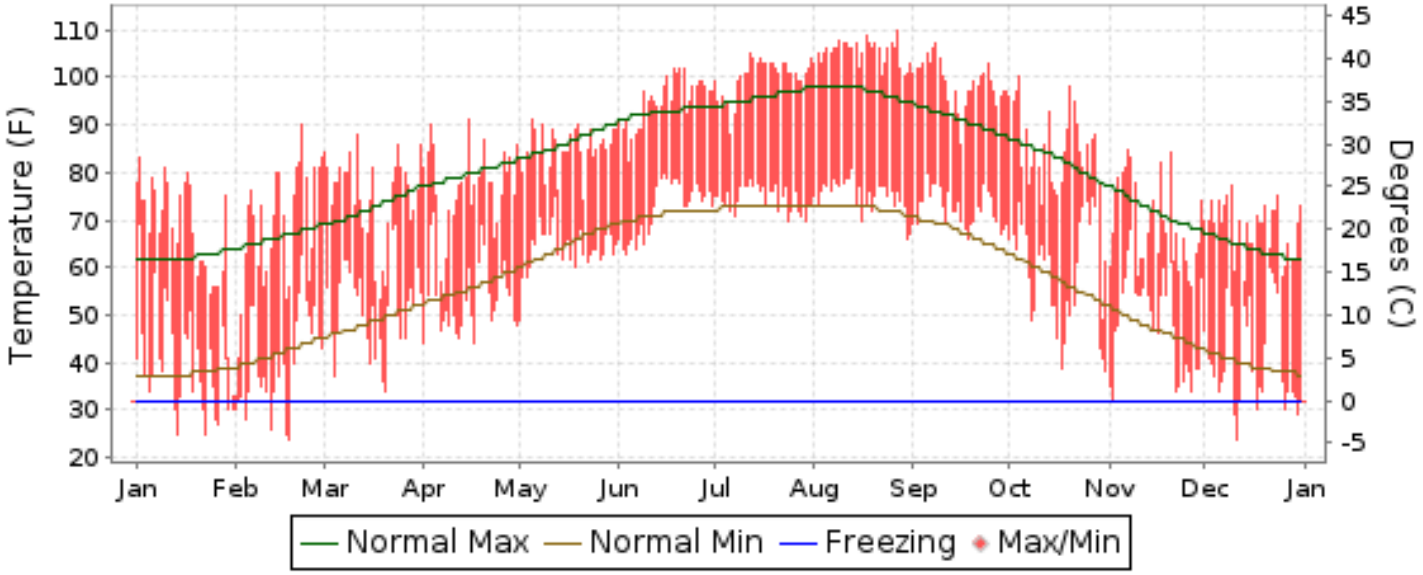
2023
LOCAL CLIMATOLOGICAL DATA
ANNUAL SUMMARY WITH COMPARATIVE DATA

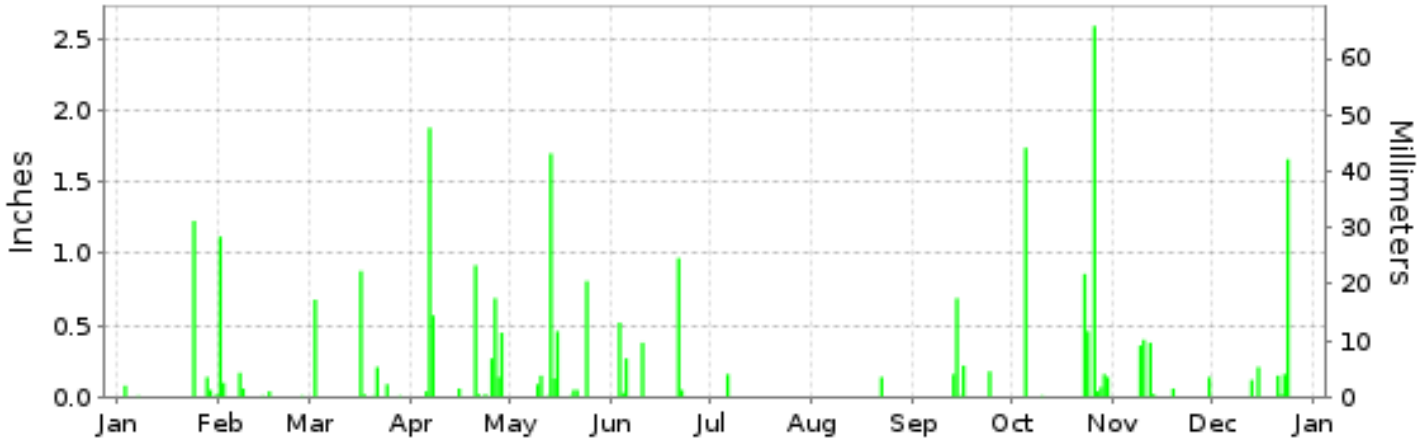
ISSN 1528-7467

AUSTIN/BERGSTROM, TEXAS (KAUS)

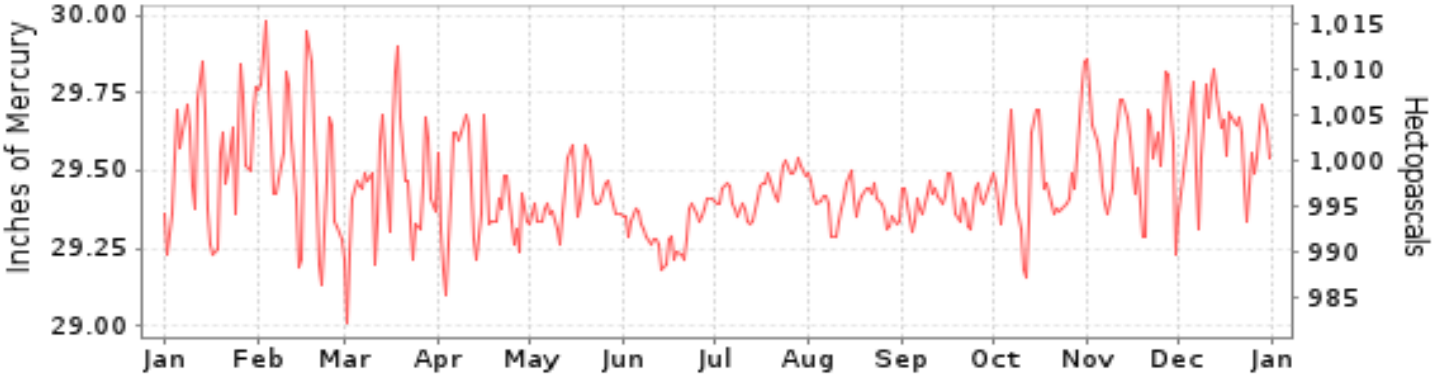
Daily Max/Min Temperature



Daily Precipitation



Daily Station Pressure



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NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

NATIONAL ENVIRONMENTAL SATELLITE, DATA AND INFORMATION SERVICE

NATIONAL CENTERS for ENVIRONMENTAL INFORMATION (NCEI) ASHEVILLE, NORTH CAROLINA

DIRECTOR NCEI

METEOROLOGICAL DATA FOR 2023
AUSTIN/BERGSTROM (KAUS)

LATITUDE: 30° 10'N **LONGITUDE:** 97° 40'W **ELEVATION (FT):** GRND: 480.6 BARO: 661 **TIME ZONE:** CENTRAL (UTC -6) **WBAN:** 13904

	ELEMENT	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
TEMPERATURE °F	MEAN DAILY MAXIMUM	66.8	68.0	75.0	76.7	85.0	95.0	100.2	105.2	98.7	83.5	69.3	68.2	82.6
	HIGHEST DAILY MAXIMUM	83	90	88	91	91	102	105	110	107	100	85	77	110
	DATE OF OCCURRENCE	02	22	11	15	05	21+	12	27	08	04	07	09	AUG 27
	MEAN DAILY MINIMUM	39.9	40.3	51.9	53.8	64.1	72.5	74.6	75.3	72.4	58.8	48.5	40.6	57.7
	LOWEST DAILY MINIMUM	25	24	34	44	49	63	70	66	66	38	32	24	24
	DATE OF OCCURRENCE	23+	18	20	17+	01	03	29+	30	18	31	02	11	DEC 11
	AVERAGE DRY BULB	53.4	54.1	63.5	65.3	74.6	83.8	87.4	90.2	85.6	71.2	58.9	54.4	70.2
	MEAN WET BULB	48.6	49.8	58.2	60.3	69.4	75.4	75.7	74.8	73.6	63.3	54.6	49.2	62.7
	MEAN DEW POINT	42.6	44.2	53.1	56.3	66.7	72.1	70.5	67.8	68.2	57.8	50.9	43.6	57.8
	NUMBER OF DAYS WITH:													
	MAXIMUM >= 90°	0	1	0	2	3	24	30	31	29	8	0	0	128
	MAXIMUM <= 32°	0	0	0	0	0	0	0	0	0	0	0	0	0
	MINIMUM <= 32°	8	6	0	0	0	0	0	0	0	0	1	7	22
	MINIMUM <= 0°	0	0	0	0	0	0	0	0	0	0	0	0	0
H/C	HEATING DEGREE DAYS	371	315	120	77	0	0	0	0	0	52	217	321	1473
	COOLING DEGREE DAYS	19	19	78	92	302	571	702	791	625	247	43	2	3491
RH	MEAN (PERCENT)	70	72	71	76	80	72	62	53	61	68	78	71	70
	HOUR 00 LST	80	82	81	86	93	87	74	64	73	79	87	82	81
	HOUR 06 LST	83	84	84	92	97	94	93	84	89	87	90	88	89
	HOUR 12 LST	59	60	61	64	66	56	46	36	46	52	66	56	56
	HOUR 18 LST	57	56	56	61	62	53	37	29	40	55	67	60	53
W/O	NUMBER OF DAYS WITH:													
	HEAVY FOG(VISBY <= 1/4 MI)	2	4	1	1	0	0	0	0	0	1	3	2	14
	THUNDERSTORMS	0	0	2	8	4	5	2	2	3	4	0	2	32
PR	MEAN STATION PRESS. (IN.)	29.54	29.55	29.45	29.42	29.41	29.31	29.44	29.39	29.41	29.47	29.57	29.60	29.46
	MEAN SEA-LEVEL PRESS. (IN.)	30.07	30.08	29.97	29.94	29.92	29.80	29.93	29.89	29.91	29.99	30.11	30.14	29.98
WINDS	RESULTANT SPEED (MPH)	0.9	0.9	2.3	1.9	3.0	6.7	7.2	4.8	3.2	1.6	1.4	0.3	2.1
	RES. DIR. (TENS OF DEGS.)	33	27	13	09	14	17	17	17	15	09	01	34	16
	MEAN SPEED (MPH)	7.7	9.8	9.6	9.4	6.0	8.4	8.6	8.3	6.8	8.4	7.2	6.3	8.0
	PREVAIL.DIR.(TENS OF DEGS.)	18	19	16	17	15	17	18	18	18	15	01	34	18
	MAXIMUM 2-MINUTE WIND													
	SPEED (MPH)	31	31	35	33	33	40	26	35	26	29	30	26	40
	DIR. (TENS OF DEGS.)	18	34	36	18	35	04	17	14	16	36	36	35	04
	DATE OF OCCURRENCE	15	16	17	28	05	03	12	22	24	30	21	09	JUN 03
	MAXIMUM 3-SECOND WIND:													
	SPEED (MPH)	44	43	58	47	50	59	35	45	41	40	38	36	59
	DIR. (TENS OF DEGS.)	17	33	29	11	35	25	17	36	31	01	35	34	25
	DATE OF OCCURRENCE	15	16	02	20	05	03	12	27	16	30	26	09	JUN 03
PRECIPITATION	WATER EQUIVALENT:	1.53	1.51	1.90	5.06	3.46	2.22	0.16	0.14	1.26	6.07	1.36	2.32	26.99
	TOTAL (IN.)	1.23	1.12	0.90	1.92	1.70	1.02	0.16	0.14	0.73	2.59	0.75	1.82	2.59
	GREATEST 24-HOUR (IN.)	24	01	16-17	05-06	13	21-22	06	22	13-14	26	09-10	23-24	OCT 26
	DATE OF OCCURRENCE													
	NUMBER OF DAYS WITH:	6	7	7	11	10	6	1	1	5	9	6	6	75
	PRECIPITATION 0.01	2	3	3	7	5	4	1	1	4	6	4	5	45
	PRECIPITATION 0.10	1	1	0	1	1	0	0	0	0	2	0	1	7
	PRECIPITATION 1.00													
SNOWFALL	SNOW,ICE PELLETS,HAIL	0.0	0.0	T	0.0	0.0	0.0	0.0	0.0	T	0.0	0.0	0.0	T
	TOTAL (IN.)	0.0	0.0	T	0.0	0.0	0.0	0.0	0.0	T	0.0	0.0	0.0	T
	GREATEST 24-HOUR (IN.)			16						24				SEP 24
	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/BERGSTROM (KAUS)

LATITUDE: 30° 10'N **LONGITUDE:** 97° 40'W **ELEVATION (FT):** GRND: 480.6 BARO: 661 **TIME ZONE:** CENTRAL (UTC -6) **WBAN:** 13904

	ELEMENT	POR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
TEMPERATURE °F	NORMAL DAILY MAXIMUM	30	62.5	66.4	73.1	80.1	86.8	93.0	96.1	97.0	90.9	82.5	71.7	64.1	80.4
	MEAN DAILY MAXIMUM	46	61.7	65.0	72.4	79.8	86.3	92.6	95.8	97.0	90.8	82.0	71.2	64.0	79.9
	HIGHEST DAILY MAXIMUM	82	89	101	98	100	102	109	109	110	112	100	91	91	112
	YEAR OF OCCURRENCE		1971	1996	1991	2006	1998	1998	2018	2023	2000	2023	2016	1955	SEP 2000
	MEAN OF EXTREME MAXS.	74	79.8	82.4	86.7	90.5	94.5	98.7	101.1	102.8	99.3	92.7	85.9	80.3	91.2
	NORMAL DAILY MINIMUM	30	37.7	42.1	49.0	56.1	65.2	71.5	73.0	72.6	67.2	57.2	46.9	39.5	56.5
	MEAN DAILY MINIMUM	46	38.4	41.9	49.0	57.7	65.5	71.5	73.5	73.4	68.2	57.8	47.5	40.4	57.1
	LOWEST DAILY MINIMUM	82	-5	6	17	28	37	56	58	59	45	30	20	6	-5
	YEAR OF OCCURRENCE		1949	2021	2002	2009	2013	2009	2019	2004	2000	2019	1976	1989	JAN 1949
	MEAN OF EXTREME MINS.	74	20.4	24.8	30.4	40.1	51.3	62.5	67.9	66.6	55.8	40.6	29.8	23.8	42.8
	NORMAL DRY BULB	30	50.1	54.2	61.0	68.1	76.0	82.2	84.5	84.8	79.1	69.9	59.3	51.8	68.4
	MEAN DRY BULB	73	50.4	54.1	61.5	68.8	75.8	82.0	84.7	84.9	79.5	70.3	59.9	52.6	68.7
	MEAN WET BULB	24	39.8	43.5	51.1	58.3	65.9	70.5	71.5	70.9	67.0	58.8	49.9	42.8	57.5
	MEAN DEW POINT	24	43.7	47.0	54.3	60.8	67.8	72.8	73.7	73.2	69.1	61.5	52.4	45.2	60.1
	NORMAL NO. DAYS WITH:														
	MAXIMUM >= 90	30	0.0	0.3	0.3	2.2	11.5	24.4	28.4	29.4	20.4	6.5	0.1	0.0	123.5
	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	0.1	0.4
	MINIMUM <= 32	30	10.9	6.5	2.3	0.2	0.0	0.0	0.0	0.0	0.0	0.2	3.4	9.6	33.1
	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	470	321	184	52	4	0	0	0	1	44	219	423	1718
	NORMAL COOLING DEG. DAYS	30	8	20	61	145	345	517	606	614	423	195	48	14	2996
RH	NORMAL (PERCENT)		67	66	64	66	71	70	65	64	68	67	69	68	67
	HOUR 00 LST	30	72	72	71	75	81	80	75	73	78	75	76	73	75
	HOUR 06 LST	30	78	80	80	82	88	89	88	87	86	84	82	80	84
	HOUR 12 LST	30	60	59	56	57	60	56	51	50	55	55	58	59	56
	HOUR 18 LST	30	57	53	49	52	57	53	47	46	54	54	59	58	53
S	PERCENT POSSIBLE SUNSHINE	64	49	51	55	54	56	69	75	74	66	63	56	49	60
W/O	MEAN NO. DAYS WITH:														
	HEAVY FOG(VISBY <= 1/4 MI)	31	2.1	1.6	1.4	0.9	0.4	0.2	0.5	0.2	0.6	1.0	2.1	2.1	13.1
	THUNDERSTORMS	46	1.2	1.7	2.9	4.8	5.7	4.7	4.1	4.0	4.1	3.2	1.6	1.5	39.5
CLOUDINESS	MEAN:														
	SUNRISE-SUNSET (OKTAS)														
	MIDNIGHT-MIDNIGHT (OKTAS)														
	MEAN NO. DAYS WITH:														
	CLEAR														
	PARTLY CLOUDY														
	CLOUDY														
PR	MEAN STATION PRESSURE(IN)	24	29.61	29.55	29.49	29.41	29.39	29.39	29.44	29.42	29.43	29.49	29.57	29.55	29.48
	MEAN SEA-LEVEL PRES. (IN)	24	30.16	30.10	30.01	29.93	29.90	29.89	29.95	29.92	29.94	30.01	30.11	30.12	30.00
WINDS	MEAN SPEED (MPH)	24	8.1	9.2	9.3	9.4	9.1	8.2	7.5	7.0	6.2	7.0	7.5	7.7	8.0
	PREVAIL.DIR(TENS OF DEGS)	18	01	18	17	16	16	17	18	18	16	18	18	01	18
	MAXIMUM 2-MINUTE:														
	SPEED (MPH)	24	38	41	45	40	53	46	43	45	40	45	46	39	53
	DIR. (TENS OF DEGS)		36	01	32	27	34	01	35	03	03	33	25	35	34
	YEAR OF OCCURRENCE		2019	2006	2016	2016	2006	2007	2018	2017	2000	2019	2001	2016	MAY 2006
	MAXIMUM 3-SECOND														
	SPEED (MPH)	82	73	59	73	60	78	80	62	66	63	61	62	76	80
	DIR. (TENS OF DEGS)		29	23	20	28	32	29	11	36	02	33	24	34	29
	YEAR OF OCCURRENCE		1953	1956	1953	2016	1965	1949	1984	1949	1958	2019	2001	1947	JUN 1949
PRECIPITATION	NORMAL (IN)	30	2.82	1.89	2.90	2.39	5.00	3.37	2.16	2.47	3.03	4.25	2.68	2.61	35.57
	MAXIMUM MONTHLY (IN)	82	10.53	7.34	6.52	12.18	15.82	15.59	9.77	12.99	9.36	21.15	12.49	12.88	21.15
	YEAR OF OCCURRENCE		1991	1958	1983	1967	2016	1981	1979	2017	1986	2015	1974	1991	OCT 2015
	MINIMUM MONTHLY (IN)	82	0.02	0.02	0.05	0.03	0.28	T	0.00	T	0.01	0.00	T	0.01	0.00
	YEAR OF OCCURRENCE		1971	1999	1972	1984	1949	1967	1947	2014	2011	1952	2012	1950	OCT 1952
	MAXIMUM IN 24 HOURS (IN)	82	5.82	3.90	6.00	4.50	9.06	5.73	5.31	7.78	5.97	12.49	8.70	4.81	12.49
	YEAR OF OCCURRENCE		2012	1958	2018	1969	2016	1981	2016	2017	1986	2015	1974	1953	OCT 2015
	NORMAL NO. DAYS WITH:														
	PRECIPITATION >= 0.01	30	7.5	7.6	8.5	7.1	7.8	6.5	4.9	4.7	6.6	6.6	7.1	7.4	82.3
	PRECIPITATION >= 1.00	30	0.7	0.4	0.8	0.7	1.8	1.0	0.5	0.7	1.2	1.3	0.6	0.7	10.4
SNOWFALL	NORMAL (IN)	30	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2
	MAXIMUM MONTHLY (IN)	82	6.8	6.5	0.6	T	T	T	T	0.0	T	T	2.0	1.3	6.8
	YEAR OF OCCURRENCE		1985	2021	1965	2019	2020	2019	2019	2014	2023	2002	1955	2017	JAN 1985
	MAXIMUM IN 24 HOURS (IN)	82	5.5	6.1	0.6	T	T	T	0.0	0.0	T	T	2.0	1.3	6.1
	YEAR OF OCCURRENCE'		1949	2021	1965	2019	2020	2019			2023	2002	1955	2017	FEB 2021
	MAXIMUM SNOW DEPTH (IN)	82	6	6	T	0	0	0	0	0	0	0	T	T	6
	YEAR OF OCCURRENCE		1949	2021	1948								1980	2017	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/BERGSTROM (KAUS)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1994	1.09	2.14	1.25	1.57	6.51	1.95	0.02	5.52	5.73	7.79	1.82	8.11	43.50
1995	1.06	1.48	3.08	4.35	7.91	3.00	0.64	4.96	4.56	2.95	2.84	0.34	37.17
1996	0.24	0.75	1.12										
1997										2.18	2.92	4.14	
1998	2.86	3.53	2.33	1.49	0.61	0.97	0.55	3.33	4.43	12.73	4.31	1.31	38.45
1999	1.70	0.02	4.96	1.23	6.18	2.32	5.34	1.03	0.47	1.57	0.08	0.69	25.59
2000	3.69	1.28	0.92	1.82	4.78	3.66	0.57	0.63	0.77	3.46	7.01	2.96	31.55
2001	2.75	1.00	3.35	0.39	4.41	3.21	0.33	5.05	5.82	2.39	10.51	3.91	43.12
2002	1.54	0.91	1.53	0.86	0.90	4.36	5.32	0.96	2.55	9.11	4.26	4.93	37.23
2003	1.69	4.92	0.94	0.06	0.51	4.06	2.98	1.93	4.06	0.89	0.68	0.66	23.38
2004	2.55	5.38	1.96	2.89	2.44	14.18	3.20	1.25	1.17	6.76	9.91	0.20	51.89
2005	2.44	3.22	3.46	0.91	3.10	0.55	1.78	1.57	0.52	2.71	0.99	0.20	21.45
2006	0.62	1.06	3.11	2.50	4.98	2.64	0.97	0.03	1.72	4.72	0.80	4.08	27.23
2007	7.66	0.12	6.00	3.71	6.73	7.49	7.62	2.19	0.73	1.80	1.26	0.60	45.91
2008	0.82	1.16	3.45	2.86	1.34	0.79	1.37	2.16	0.34	1.20	0.11	0.38	15.98
2009	0.40	0.94	3.21	3.74	1.73	1.03	1.27	2.58	6.98	6.90	2.80	2.53	34.11
2010	3.29	2.81	2.79	1.44	1.01	4.15	5.37	0.63	5.15	0.06	0.92	0.80	28.42
2011	3.67	0.64	0.15	0.19	1.91	1.39	0.05	T	0.01	1.82	2.18	4.89	16.90
2012	7.31	3.86	5.11	0.09	5.29	0.21	3.82	3.03	4.75	0.84	T	0.83	35.14
2013	2.71	0.64	1.37	5.56	5.10	0.75	1.44	1.65	5.00	9.80	2.16	0.86	37.04
2014	0.57	0.52	1.19	1.65	7.89	1.68	2.05	T	3.22	1.94	6.64	2.12	29.47
2015	5.28	0.46	4.04	2.35	13.44	3.21	0.01	0.74	3.65	21.15	1.67	2.29	58.29
2016	1.04	1.14	3.81	6.48	15.82	2.63	5.65	8.31	3.17	0.27	2.43	3.11	53.86
2017	4.65	2.66	3.33	1.15	2.99	2.43	1.06	12.99	3.81	2.38	0.42	3.65	41.52
2018	0.25	1.07	6.21	0.97	3.23	0.62	1.26	0.84	5.59	7.20	2.30	6.37	35.91
2019	3.26	0.61	0.48	5.59	9.24	5.59	T	0.04	0.35	2.53	0.62	0.78	29.09
2020	2.21	1.73	3.69	4.43	8.94	2.72	1.18	0.77	6.62	0.34	0.83	4.40	37.86
2021	1.75	1.84	0.70	2.97	12.27	3.64	2.82	4.11	0.72	5.59	2.77	1.24	40.42
2022	4.55	2.70	2.21	2.20	1.48	1.18	0.01	3.35	0.14	1.99	3.90	1.67	25.38
2023	1.53	1.51	1.90	5.06	3.46	2.22	0.16	0.14	1.26	6.07	1.36	2.32	26.99
POR= 74 YRS	2.27	2.18	2.29	2.75	4.67	3.22	1.80	2.31	3.23	3.87	2.58	2.35	33.52

WBAN : 13904

AVERAGE TEMPERATURE (°F) 2023 AUSTIN/BERGSTROM (KAUS)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1994	52.7	55.5	64.7	71.0	75.6	84.6	88.2	84.0	77.3	72.2	64.8	55.8	70.5
1995	53.0	57.1	61.2	67.8	76.7	80.0	86.1	85.1	81.0	71.9	61.2	59.1	70.0
1996	54.3	63.3	58.9										
1997									80.2	69.0	54.5	47.5	
1998	54.1	52.8	58.1	64.5	78.5	86.5	87.5	84.2	81.0	70.4	61.4	50.4	69.1
1999							81.9	85.7	78.7	67.7	60.9	52.2	
2000	52.5	59.5	63.7	67.2	77.8	81.0	85.1	84.9	79.6	70.7	55.1	43.9	68.4
2001	46.4	54.5	52.9	69.5	75.4	80.7	84.6	83.1	75.4	65.5	60.9	51.8	66.7
2002	51.5	47.9	57.9	72.8	76.4	81.4	81.7	83.9	78.1	68.6	54.7	50.6	67.1
2003	47.4	49.7	56.9	68.3	78.8	80.6	81.8	83.8	75.9	69.2	62.1	51.5	67.2
2004	52.3	49.4	64.8	66.5	75.2	79.7	81.7	81.9	78.4	75.0	59.0	50.1	67.8
2005	54.0	55.5	59.1	66.7	74.7	82.8	84.6	84.8	84.2	69.6	63.0	50.1	69.1
2006	55.8	52.9	64.5	74.2	76.7	81.4	84.4	86.7	78.7	70.6	60.8	52.0	69.9
2007	45.8	51.4	62.7	62.6	74.0	79.6	79.6	83.0	78.7	70.1	60.0	52.1	66.6
2008	47.5	55.5	60.4	66.8	76.7	85.5	83.6	84.5	77.9	68.3	59.9	51.3	68.2
2009	50.6	58.8	62.3	67.6	76.7	84.4	87.8	86.8	77.3	67.8	58.4	46.2	68.7
2010	46.4	46.0	56.5	67.3	77.5	83.4	84.2	86.8	80.1	67.8	59.7	51.3	67.3
2011	47.0	53.1	64.1	73.8	76.4	85.4	86.1	88.3	80.2	68.4	60.5	51.4	69.6
2012	52.3	55.7	64.8	71.8	77.1	83.2	83.8	84.9	77.8	68.6	60.6	54.8	69.6
2013	50.8	56.0	59.3	65.4	74.3	83.7	84.2	85.7	80.6	69.7	56.4	47.4	67.8
2014	46.3	52.0	56.7	66.9	73.0	81.8	82.8	85.4	79.4	71.5	54.1	53.3	66.9
2015	46.0	49.2	58.2	69.5	74.0	79.1	83.1	84.2	80.5	71.9	61.0	55.2	67.7
2016	49.3	56.6	63.5	68.1	73.5	82.0	86.4	83.0	80.5	73.3	64.6	54.8	69.6
2017	55.4	63.7	67.4	70.7	75.5	83.4	86.9	84.4	78.3	68.7	63.9	50.4	70.7
2018	46.6	55.5	64.7	64.8	79.2	85.4	86.2	86.6	80.4	69.6	55.8	52.5	68.9
2019	50.1	56.0	58.6	68.2	77.3	82.3	84.2	87.2	85.3	69.8	56.8	52.6	69.0
2020	54.8	52.5	67.5	67.2	76.1	81.5	86.5	87.0	77.0	69.6	63.2	52.5	69.6
2021	52.4	47.4	62.4	65.2	72.4	80.3	80.8	82.2	78.9	71.4	58.4	62.8	67.9
2022	47.3	46.9	58.3	70.7	80.1	85.1	87.7	85.7	79.5	69.1	57.4	52.9	68.4
2023	53.4	54.1	63.5	65.3	74.6	83.8	87.4	90.2	85.6	71.2	58.9	54.4	70.2
POR= 73 YRS	50.4	54.1	61.5	68.8	75.8	82.0	84.7	84.9	79.5	70.3	59.9	52.6	68.7

HEATING DEGREE DAYS (base 65°F) 2023 AUSTIN/BERGSTROM (KAUS)

YEAR	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	TOTAL
1993-94													
1994-95													
1995-96													
1996-97													
1998-99													
1999-00	0	0	1	65	138	405	390	205	136	62	0	0	1402
2000-01	0	0	7	62	326	646	571	301	366	33	0	0	2312
2001-02	0	0	5	80	166	426	438	470	259	21	3	0	1868
2002-03	0	0	0	45	314	444	543	430	255	46	0	0	2077
2003-04	0	0	0	21	178	421	405	447	74	54	2	0	1602
2004-05	0	0	0	4	188	460	371	271	202	46	9	0	1551
2005-06	0	0	0	57	171	459	282	342	116	3	0	0	1430
2006-07	0	0	0	39	183	412	593	381	149	123	0	0	1880
2007-08	0	0	0	55	205	419	547	287	197	76	0	0	1786
2008-09	0	0	0	40	198	433	458	208	174	56	0	0	1567
2009-10	0	0	3	69	204	577	571	527	259	32	0	0	2242
2010-11	0	0	0	38	224	418	555	383	136	21	24	0	1799
2011-12	0	0	0	53	216	421	389	294	98	2	0	0	1473
2012-13	0	0	0	70	184	357	447	257	219	98	23	0	1655
2013-14	0	0	0	36	289	544	574	374	280	77	13	0	2187
2014-15	0	0	1	1	336	360	581	435	240	25	0	0	1979
2015-16	0	0	0	3	175	317	477	262	108	35	3	0	1380
2016-17	0	0	0	6	88	352	312	116	73	13	0	0	960
2017-18	0	0	0	74	133	454	563	302	107	72	0	0	1705
2018-19	0	0	0	53	294	385	456	277	237	44	4	0	1750
2019-20	0	0	0	82	284	381	329	360	62	70	0	0	1568
2020-21	0	0	1	72	115	385	386	510	136	94	0	0	1699
2021-22	0	0	0	25	209	145	544	517	244	26	0	0	1710
2022-23	0	0	0	43	277	413	371	315	120	77	0	0	1616
2023-	0	0	0	52	217	321							

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COOLING DEGREE DAYS (base 65°F) 2023 AUSTIN/BERGSTROM (KAUS)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
1994													
1995													
1996													
1997													
1998													
1999							534	645	419	156	23	17	
2000	11	51	103	138	405	488	631	624	455	248	34	0	3188
2001	0	12	0	176	327	476	615	565	324	101	51	21	2668
2002	26	0	43	263	365	501	528	590	402	164	11	5	2898
2003	3	7	13	152	435	472	529	588	333	162	98	7	2799
2004	19	0	71	105	325	447	526	531	406	320	13	4	2767
2005	39	8	27	103	313	541	614	621	583	205	116	5	3175
2006	2	13	107	289	369	497	609	663	416	221	62	15	3263
2007	2	5	84	60	286	443	458	567	417	219	61	26	2628
2008	11	19	63	135	373	621	584	612	390	149	51	18	3026
2009	17	42	97	143	370	590	712	686	380	162	10	1	3210
2010	1	0	3	108	397	558	600	684	458	131	74	3	3017
2011	1	57	118	293	385	617	660	730	465	164	87	6	3583
2012	3	31	98	212	378	553	589	624	390	189	59	44	3170
2013	18	10	49	117	320	569	605	651	474	190	37	5	3045
2014	1	16	32	139	267	507	558	640	442	212	14	4	2832
2015	0	2	38	168	285	430	568	604	473	225	59	19	2871
2016	0	23	72	134	275	518	671	564	471	272	82	42	3124
2017	22	87	153	190	333	561	685	610	404	196	109	12	3362
2018	0	42	108	76	448	621	662	679	471	204	24	3	3338
2019	2	33	45	146	394	527	607	699	617	238	46	5	3359
2020	20	3	145	146	352	497	674	692	369	224	71	6	3199
2021	2	23	67	106	236	467	496	544	425	232	21	82	2701
2022	0	15	42	204	477	608	711	646	444	176	55	45	3423
2023	19	19	78	92	302	571	702	791	625	247	43	2	3491

SNOWFALL (inches) 2023 AUSTIN/BERGSTROM (KAUS)

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	T						
1996-97													
1997-98	0.0	0.0	0.0	0.0	T	0.0	0.0	0.0	0.0	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	0.0	0.0	T
1999-00	0.0	0.0	0.0	0.0	0.0	0.0	T	0.0	0.0	0.0	0.0	0.0	T
2000-01	0.0	0.0	0.0	0.0	0.0	T	0.0	0.0	T	0.0	T	T	T
2001-02	0.0	0.0	0.0	0.0	T	T	T	0.0	0.0	0.0	0.0	0.0	T
2002-03	0.0	0.0	0.0	T	0.0	0.0	0.0	0.8	T	0.0	0.0	T	0.8
2003-04	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.7
2004-05	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	T	T	0.0	0.0	T
2005-06	0.0	0.0	0.0	0.0	0.0	T	0.0	0.0	0.0	0.0	0.0	0.0	T
2006-07	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	T	T	0.0	0.1
2007-08	0.0	0.0	0.0	0.0	0.0	T	0.0	T	0.0	0.0	T	T	T
2008-09	0.0	0.0	0.0	0.0	0.0	T	0.0	0.0	0.0	0.0	0.0	0.0	T
2009-10	0.0	0.0	0.0	0.0	0.0	T	0.0	0.3	T	0.0	0.0	0.0	0.3
2010-11	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
2011-12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	T	T	0.0	T
2013-	0.0	0.0	0.0	0.0	0.0	T							
2013-14	0.0	0.0	0.0	0.0	0.0	T	T	T	0.0	T	0.0	0.0	T
2014-15	0.0	0.0	0.0	0.0	T	0.0	T	T	0.0	0.0	0.0	0.0	T
2015-16	0.0	0.0	0.0	0.0	0.0	T	0.0	0.0	0.0	T	T	0.0	T
2016-17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	T	T	0.0	T
2017-18	0.0	0.0	0.0	0.0	0.0	1.3	T	T	0.0	0.0	0.0	0.0	1.3
2018-19	0.0	0.0	0.0	0.0	0.0	0.0	T	T	0.0	T	0.0	T	T
2019-20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	T	0.0	0.0	T	0.0	T
2020-21	0.0	0.0	0.0	0.0	0.0	0.0	1.3	6.5	0.0	0.0	0.0	0.0	7.8
2021-22	0.0	0.0	0.0	0.0	0.0	0.0	T	0.2	0.0	0.0	0.0	0.0	0.2
2022-23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	T	0.0	0.0	0.0	T
2023-	0.0	0.0	T	0.0	0.0	0.0							
POR= 45 YRS	0.0	0.0	T	T	T	T	0.2	0.2	T	T	T	T	0.4

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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.

2023
AUSTIN/BERGSTROM
TEXAS (KAUS)

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 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.

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.

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/BERGSTROM, TX

NAME	Begin Date	End Date	Latitude	Longitude	Elevation Feet	Relocation	Platform
AUSTIN BERGSTROM AAF	1942-10-01	1948-07-01	30° 12'	-97° 40'			MILITARY
AUSTIN (BERGSTROM FIELD)	1943-10-01	1945-01-24	30° 12'	-97° 40'	506.9		UPPERAIR,BALLOON
AUSTIN BERGSTROM AFB	1948-07-01	1981-12-31	30° 12'	-97° 40'			MILITARY
AUSTIN BERGSTROM INTL AP	1997-10-02	1999-02-01	30° 10'	-97° 40'			AIRWAYS,ASOS
AUSTIN BERGSTROM INTL AP	1999-02-01	2010-07-01	30° 10'	-97° 40'	480		AIRWAYS,ASOS,COOP
AUSTIN BERGSTROM INTL AP	2010-07-01	2017-10-01	30° 10'	-97° 40'	480		AIRWAYS,ASOS,COOP
AUSTIN BERGSTROM INTL AP	2017-10-01	2021-11-22	30° 10'	-97° 40'	480		AIRWAYS,ASOS,COOP,PLCD
AUSTIN BERGSTROM INTL AP	2021-11-22	Present	30° 10'	-97° 40'	480.6		AIRWAYS,ASOS,COOP,PLCD

Element History

Element	Begin Date	End Date	Frequency	Time Of Observation	Equipment *	Equipment * Modifications	Equipment Exposure
WIND	1997-10-02	1999-02-01	HOURLY	UNKN	ANEMCUP		
PRECIP	1999-02-01	2008-10-30	DAILY	2400	TB	RCRD	
PRECIP	1999-02-01	2008-10-30	HOURLY	2400	TB	RCRD	
TEMP	1999-02-01	2008-10-30	DAILY	2400	HYGR		
WIND	1999-02-01	2008-10-30	HOURLY	UNKN	ANEMCUP		
PRECIP	2008-10-30	2010-07-01	DAILY	2400	TB	RCRD	
PRECIP	2008-10-30	2010-07-01	HOURLY	2400	TB	RCRD	
TEMP	2008-10-30	2010-07-01	DAILY	2400	HYGR		
WIND	2008-10-30	2010-07-01	HOURLY	UNKN	ANEMSONIC		
PRECIP	2010-07-01	Present	DAILY	2400	PCPN1		
PRECIP	2010-07-01	Present	HOURLY	2400	AWPAG	RCRD;HTD	
TEMP	2010-07-01	Present	DAILY	2400	HYGR		
WIND	2010-07-01	Present	HOURLY	UNKN	ANEMSONIC		

* 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

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TDD : (828) 271-4010
Email : ncdc.orders@noaa.gov

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