

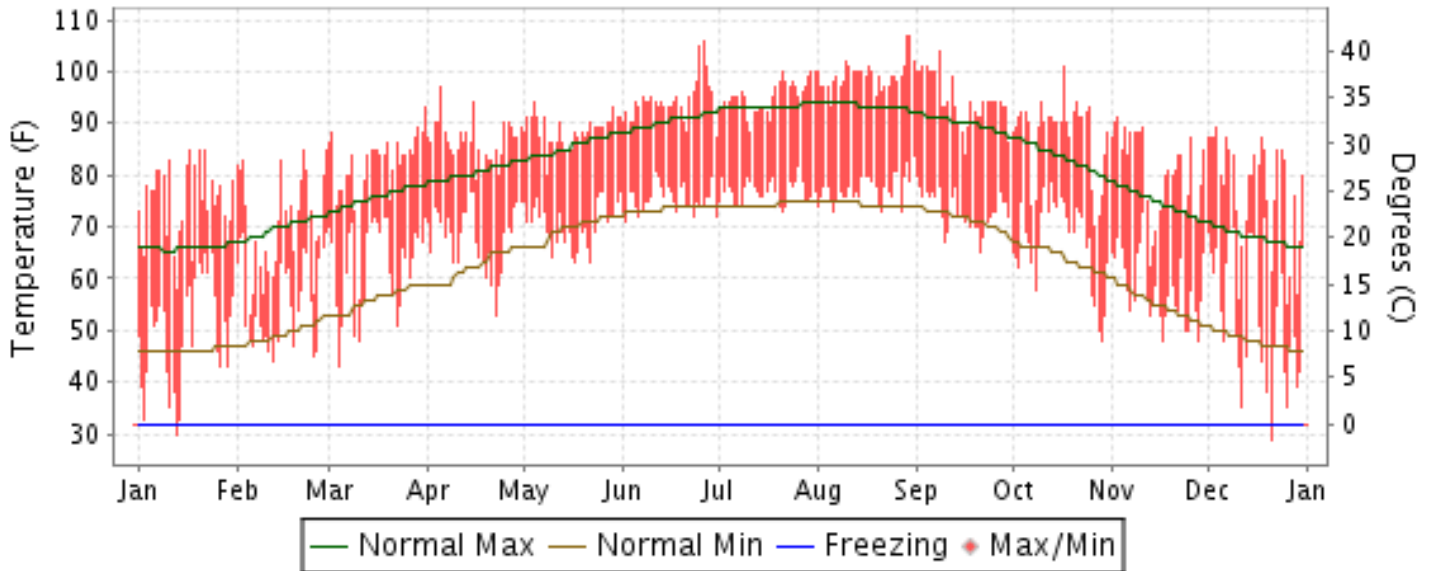


2012 LOCAL CLIMATOLOGICAL DATA ANNUAL SUMMARY WITH COMPARATIVE DATA

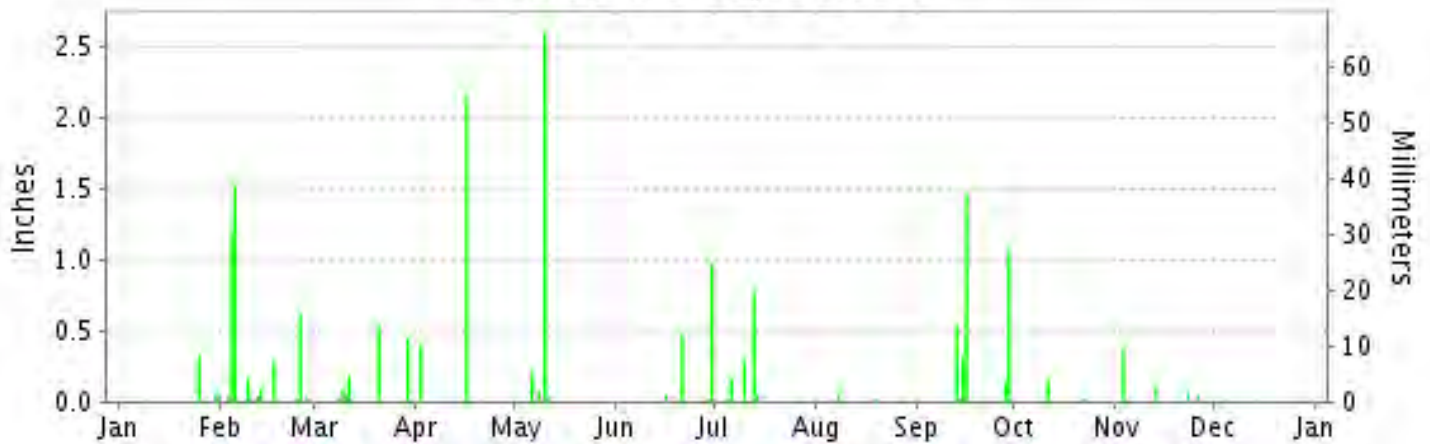
ISSN 0198-4969

CORPUS CHRISTI, TEXAS (KCRP)

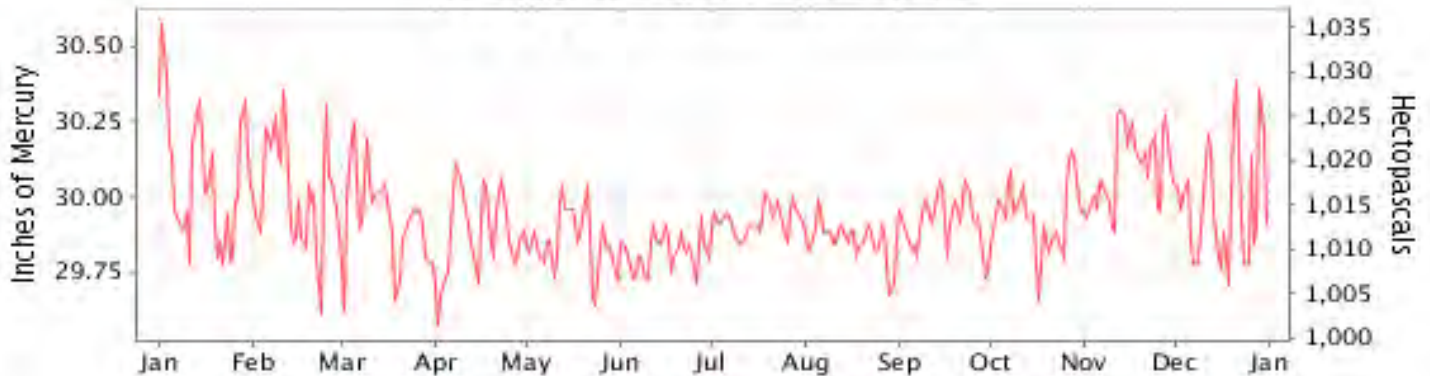
Daily Max/Min Temperature



Daily Precipitation



Daily Station Pressure



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

Thomas R. Karl
DIRECTOR
NATIONAL CLIMATIC DATA CENTER

METEOROLOGICAL DATA FOR 2012

CORPUS CHRISTI (KCRP)

LATITUDE:
27° 46'N

LONGITUDE:
97° 30'W

ELEVATION (FT):
GRND: 44 BARO: 48

TIME ZONE:
CENTRAL (UTC -6)

WBAN: 12924

ELEMENT		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR	
TEMPERATURE °F	MEAN DAILY MAXIMUM	74.7	70.7	81.9	86.5	88.4	94.3	95.1	99.2	94.4	87.5	80.6	77.0	85.9	
	HIGHEST DAILY MAXIMUM	85	85	93	97	94	106	100	107	104	101	91	89	107	
	DATE OF OCCURRENCE	22+	29+	31	05	04	26	31+	30+	08	17	03	04	AUG 30+	
	MEAN DAILY MINIMUM	49.8	55.6	62.7	68.0	70.5	75.5	77.0	77.5	73.3	67.1	58.2	53.5	65.7	
	LOWEST DAILY MINIMUM	30	44	43	53	63	71	73	73	65	48	48	29	29	
	DATE OF OCCURRENCE	13	12	04	22	22+	02	21	27+	21	29	28+	21	DEC 21	
	AVERAGE DRY BULB	62.3	63.2	72.3	77.3	79.5	84.9	86.1	88.4	83.9	77.3	69.4	65.3	75.8	
	MEAN WET BULB	55.6	58.9	65.0	69.1	72.5	76.1	77.3	76.8	73.9	68.3	61.5	57.7	67.7	
	MEAN DEW POINT	49.3	55.5	61.0	65.0	69.3	72.5	74.0	72.2	69.7	63.1	55.7	50.2	63.1	
	NUMBER OF DAYS WITH:														
	MAXIMUM >= 90°	0	0	1	6	12	28	30	31	26	19	2	0	155	
	MAXIMUM <= 32°	0	0	0	0	0	0	0	0	0	0	0	0	0	
MINIMUM <= 32°	1	0	0	0	0	0	0	0	0	0	0	1	2		
MINIMUM <= 0°	0	0	0	0	0	0	0	0	0	0	0	0	0		
H/C	HEATING DEGREE DAYS	143	132	23	0	0	0	0	0	0	9	30	136	473	
	COOLING DEGREE DAYS	61	84	258	375	455	607	660	731	572	400	168	151	4522	
RH	MEAN (PERCENT)	67	79	75	71	74	70	71	63	67	65	64	62	69	
	HOUR 00 LST	76	84	85	82	86	82	83	75	76	74	73	72	79	
	HOUR 06 LST	83	87	87	86	91	88	88	83	83	79	76	74	84	
	HOUR 12 LST	53	72	59	53	57	53	53	44	49	49	46	48	53	
	HOUR 18 LST	57	72	65	61	63	58	61	51	58	58	59	55	60	
W/O	NUMBER OF DAYS WITH:														
	HEAVY FOG(VISBY <= 1/4 MI)	7	5	3	2	0	0	0	0	0	0	2	2	21	
	THUNDERSTORMS	0	5	4	3	5	6	8	2	6	2	7	1	49	
PR	MEAN STATION PRESS. (IN.)	30.06	30.02	29.93	29.88	29.85	29.82	29.92	29.85	29.92	29.93	30.09	29.98	29.94	
	MEAN SEA-LEVEL PRESS. (IN.)	30.11	30.07	29.98	29.92	29.90	29.86	29.97	29.90	29.96	29.98	30.14	30.03	29.99	
WINDS	RESULTANT SPEED (MPH)	2.8	4.7	9.8	10.5	7.8	7.5	8.7	8.4	5.3	5.9	5.2	3.4	6.4	
	RES. DIR. (TENS OF DEGS.)	12	08	14	14	13	13	15	14	12	12	10	13	13	
	MEAN SPEED (MPH)	11.5	11.8	14.4	13.7	10.7	9.6	9.7	10.8	9.9	11.1	10.0	12.1	11.3	
	PREVAIL.DIR.(TENS OF DEGS.)	17	15	15	15	14	14	15	16	16	14	15	15	15	
	MAXIMUM 2-MINUTE WIND														
	SPEED (MPH)	36	39	40	39	47	29	26	31	35	33	35	38	47	
	DIR. (TENS OF DEGS.)	16	29	16	29	33	06	14	15	19	34	12	32	33	
	DATE OF OCCURRENCE	16	18	19	02	10	30	26	15	01	01	01	25	MAY 10	
	MAXIMUM 3-SECOND WIND:														
SPEED (MPH)	51	49	54	51	60	37	35	41	41	43	40	46	60		
DIR. (TENS OF DEGS.)	34	02	32	29	33	14	14	16	18	34	16	36	33		
DATE OF OCCURRENCE	12	24	20	02	10	14	25	15	01	01	11	20	MAY 10		
PRECIPITATION	WATER EQUIVALENT:														
	TOTAL (IN.)	0.45	4.09	1.35	2.58	2.95	1.54	1.34	0.12	3.59	0.19	0.59	0.03	18.82	
	GREATEST 24-HOUR (IN.)	0.34	2.72	0.54	2.16	2.65	0.99	0.78	0.08	1.47	0.16	0.37	0.01	2.72	
	DATE OF OCCURRENCE	25	04-05	20	16	10-11	29-30	13	08	16	11	03	31+	FEB 04-05	
	NUMBER OF DAYS WITH:														
	PRECIPITATION 0.01	4	13	6	3	4	6	7	3	8	2	5	3	64	
PRECIPITATION 0.10	1	5	3	2	2	2	3	0	5	1	2	0	26		
PRECIPITATION 1.00	0	2	0	1	1	0	0	0	2	0	0	0	6		
SNOWFALL	SNOW,ICE PELLETS,HAIL														
	TOTAL (IN.)	0.0	0.0	T	0.0	T	0.0	0.0	0.0	0.0	0.0	0.0	0.0	T	
	GREATEST 24-HOUR (IN.)	0.0	0.0	T	0.0	T	0.0	0.0	0.0	0.0	0.0	0.0	0.0	T	
	DATE OF OCCURRENCE			29		10								MAY 10	
	MAXIMUM SNOW DEPTH (IN.)	0	0	0	0	0	0	0	0	0	0	0	0	0	
	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 CORPUS CHRISTI (KCRP)

LATITUDE:
27° 46'N

LONGITUDE:
97° 30'W

ELEVATION (FT):
GRND: 44 BARO: 48

TIME ZONE:
CENTRAL (UTC -6)

WBAN: 12924

ELEMENT		POR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
TEMPERATURE °F	NORMAL DAILY MAXIMUM	30	66.9	70.4	75.9	81.7	86.6	90.9	93.1	94.4	90.1	84.4	76.0	68.4	81.6
	MEAN DAILY MAXIMUM	65	66.5	70.0	75.7	81.6	86.4	90.9	93.4	94.0	90.0	84.0	75.6	69.0	81.4
	HIGHEST DAILY MAXIMUM	74	91	98	102	102	103	106	104	107	109	101	98	91	109
	YEAR OF OCCURRENCE		1971	1940	1989	1984	2006	2012	1939	2012	2000	2012	1988	1977	SEP 2000
	MEAN OF EXTREME MAXS.	65	82.6	85.8	89.4	92.6	93.2	95.7	97.5	99.3	96.6	92.6	88.3	84.1	91.5
	NORMAL DAILY MINIMUM	30	47.2	50.5	56.3	63.0	70.0	73.9	74.8	75.0	72.0	64.8	56.2	48.6	62.7
	MEAN DAILY MINIMUM	65	46.8	49.9	56.2	63.5	69.8	73.9	75.1	75.2	72.3	64.5	55.4	48.9	62.6
	LOWEST DAILY MINIMUM	74	14	18	24	33	47	58	64	64	50	28	27	13	13
	YEAR OF OCCURRENCE		1962	1951	1980	1987	1970	1975	1967	2004	1942	1993	2011	1989	DEC 1989
	MEAN OF EXTREME MINS.	65	29.0	32.5	37.2	46.6	58.0	66.5	70.6	70.5	61.6	47.8	37.7	30.4	49.0
	NORMAL DRY BULB	30	57.1	60.5	66.1	72.4	78.3	82.4	83.9	84.7	81.0	74.6	66.1	58.5	72.1
	MEAN DRY BULB	65	56.7	60.0	66.0	72.6	78.1	82.4	84.3	84.6	81.2	74.2	65.5	59.0	72.1
	MEAN WET BULB	29	51.3	54.5	59.6	65.5	71.9	75.5	76.4	76.1	73.2	67.0	59.5	53.0	65.3
	MEAN DEW POINT	29	49.5	52.7	57.5	63.8	70.9	74.4	74.9	74.5	71.7	65.5	57.8	51.0	63.7
	NORMAL NO. DAYS WITH: MAXIMUM >= 90	30	0.0	0.4	0.7	2.1	6.2	19.6	26.7	28.2	17.1	4.9	0.4	0.0	106.3
	MAXIMUM <= 32	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
MINIMUM <= 32	30	1.5	0.8	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	1.6	4.2	
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	276	173	81	17	0	0	0	0	0	10	91	250	898
	NORMAL COOLING DEG. DAYS	30	30	46	115	237	413	522	587	611	482	308	124	49	3524
RH	NORMAL (PERCENT)	30	76	77	75	77	81	79	75	75	76	76	76	76	77
	HOURLY 00 LST	30	84	85	84	86	90	90	89	87	86	86	84	83	86
	HOURLY 06 LST	30	87	88	87	90	93	93	94	93	91	90	88	86	90
	HOURLY 12 LST	30	67	64	62	62	66	63	56	57	60	59	62	64	62
	HOURLY 18 LST	30	70	67	66	67	72	68	63	64	67	69	72	71	68
S	PERCENT POSSIBLE SUNSHINE	62	44	49	54	56	59	72	80	76	68	67	54	43	60
W/O	MEAN NO. DAYS WITH: HEAVY FOG (VISIB <= 1/4 MI)	49	6.0	4.9	3.8	2.4	1.2	0.4	0.5	0.4	0.4	1.4	3.8	4.9	30.1
	THUNDERSTORMS	65	0.9	1.1	1.5	2.4	4.3	3.6	3.3	4.6	5.5	2.4	1.2	0.7	31.5
CLOUDINESS	MEAN: SUNRISE-SUNSET (OKTAS)														
	MIDNIGHT-MIDNIGHT (OKTAS)														
	MEAN NO. DAYS WITH: CLEAR	1	6.0	2.0	7.0		8.0	14.0							
	PARTLY CLOUDY	1	2.0	2.0	6.0		9.0	6.0							
CLOUDY	1	3.0	2.0	10.0		1.0	3.0								
PR	MEAN STATION PRESSURE (IN)	29	30.08	30.01	29.94	29.88	29.82	29.86	29.92	29.90	29.89	29.95	30.02	30.03	29.94
	MEAN SEA-LEVEL PRES. (IN)	29	30.12	30.06	29.99	29.93	29.90	29.90	29.97	29.95	29.94	30.00	30.06	30.11	29.99
WINDS	MEAN SPEED (MPH)	29	11.9	12.9	13.6	13.9	12.4	10.7	10.7	10.4	9.8	10.7	11.7	11.8	11.7
	PREVAIL. DIR. (TENS OF DEGS)	33	16	16	15	15	15	15	15	15	15	15	15	36	15
	MAXIMUM 2-MINUTE: SPEED (MPH)	17	54	45	49	46	56	40	38	45	49	49	45	46	56
	DIR. (TENS OF DEGS)		28	36	36	07	01	29	15	14	03	28	32	30	01
	YEAR OF OCCURRENCE		2011	1999	2008	2004	1999	2010	2008	1999	2001	2002	2006	2009	MAY 1999
	MAXIMUM 3-SECOND SPEED (MPH)	17	69	56	67	54	63	54	53	59	58	75	55	56	75
	DIR. (TENS OF DEGS)		28	02	03	08	02	29	15	02	02	28	34	29	28
	YEAR OF OCCURRENCE		2011	2010	2008	2004	1999	2010	2008	2011	2001	2002	2006	2009	OCT 2002
PRECIPITATION	NORMAL (IN)	30	1.54	1.93	1.89	1.84	3.07	3.36	2.79	2.92	4.98	3.64	1.97	1.83	31.76
	MAXIMUM MONTHLY (IN)	74	10.78	8.11	4.89	9.21	9.38	13.35	18.13	14.79	20.33	12.03	8.53	9.80	20.33
	YEAR OF OCCURRENCE		1958	1982	1995	2004	1968	1973	2007	1980	1967	1997	1947	1991	SEP 1967
	MINIMUM MONTHLY (IN)	74	0.01	T	T	T	0.00	0.03	0.00	0.10	0.49	0.00	T	0.01	0.00
	YEAR OF OCCURRENCE		1996	1976	1971	1984	1998	1980	1957	1952	1981	1952	1949	1950	MAY 1998
	MAXIMUM IN 24 HOURS (IN)	74	6.38	4.85	3.66	7.19	4.65	11.52	9.86	8.92	8.76	7.96	4.55	6.81	11.52
	YEAR OF OCCURRENCE		1958	1982	2000	1956	1968	2006	2007	1980	1967	1995	2001	1991	JUN 2006
	NORMAL NO. DAYS WITH: PRECIPITATION >= 0.01	30	7.1	6.5	5.3	5.3	6.0	6.8	5.7	6.5	8.8	6.3	6.0	6.4	76.7
PRECIPITATION >= 1.00	30	0.3	0.8	0.6	0.5	1.1	1.0	0.7	0.8	1.5	1.0	0.5	0.4	9.2	
SNOWFALL	NORMAL (IN)	30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2
	MAXIMUM MONTHLY (IN)	67	1.2	1.1	T	T	T	T	T	0.0	0.0	T	T	4.4	4.4
	YEAR OF OCCURRENCE		1940	1973	2012	1993	2012	2009				1993	1979	2004	DEC 2004
	MAXIMUM IN 24 HOURS (IN)	67	1.1	1.1	T	T	T	T	0.0	0.0	0.0	T	T	2.3	2.3
	YEAR OF OCCURRENCE		1940	1973	2012	1993	2012	2009				1993	1979	2004	DEC 2004
	MAXIMUM SNOW DEPTH (IN)	57	0	1	0	0	0	0	0	0	0	0	0	4	4
	YEAR OF OCCURRENCE			1973										2004	DEC 2004
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	0.1	0.1	

PRECIPITATION (inches) 2012 CORPUS CHRISTI (KCRP)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1983	0.75	3.27	3.03	T	2.77	2.50	8.78	2.67	7.04	3.99	1.53	0.58	36.91
1984	5.91	0.39	0.19	T	2.22	0.23	0.25	0.90	3.03	6.49	1.71	0.92	22.24
1985	2.68	2.86	1.82	3.54	2.87	3.99	1.04	2.88	8.39	3.40	1.62	1.61	36.70
1986	1.70	1.07	0.14	0.66	5.13	3.10	0.25	4.94	1.86	5.02	3.74	4.54	32.15
1987	2.22	6.01	0.42	1.13	4.15	4.92	3.17	3.49	0.99	1.44	1.79	0.93	30.66
1988	0.85	1.13	0.91	0.52	0.94	1.64	1.79	1.52	6.27	2.60	0.13	0.98	19.28
1989	1.96	0.95	0.21	3.59	0.10	3.17	1.02	2.36	2.05	0.11	1.83	1.50	18.85
1990	0.41	3.96	2.97	3.40	1.26	0.89	1.74	0.69	2.66	1.35	1.34	0.43	21.10
1991	1.69	2.06	1.59	4.00	6.25	6.97	0.55	4.63	8.60	1.57	0.36	9.80	48.07
1992	5.11	4.48	4.09	3.73	7.41	1.53	0.92	3.44	4.26	0.70	4.77	0.98	41.42
1993	0.44	1.69	2.83	3.30	8.07	12.02	T	0.68	1.12	1.90	0.81	4.82	37.68
1994	0.99	1.03	3.49	4.15	2.01	3.42	0.48	1.09	6.73	7.31	0.24	8.02	38.96
1995	0.81	2.12	4.89	0.35	2.70	2.99	0.21	5.11	4.00	9.61	3.53	0.61	36.93
1996	0.01	0.02	0.05	1.56	1.14	2.14	0.35	8.57	2.21	0.86	0.99	0.73	18.63
1997	0.66	0.69	4.78	5.94	3.78	2.25	0.16	1.23	2.56	12.03	1.88	0.20	36.16
1998	1.00	2.72	2.47	0.05	0.00	0.26	0.33	4.06	8.47	7.89	2.64	0.72	30.61
1999	0.45	0.33	2.20	0.88	2.23	5.98	3.07	7.59	3.88	1.80	0.61	0.25	29.27
2000	0.51	0.61	3.68	1.02	4.80	2.61	0.01	0.96	2.03	1.90	2.27	1.68	22.08
2001	1.74	0.72	2.41	0.12	1.55	4.88	1.82	7.83	6.78	2.47	7.44	1.66	39.42
2002	0.30	0.28	0.08	0.14	3.11	1.58	3.51	1.12	6.37	9.50	2.21	3.19	31.39
2003	1.02	1.34	1.29	0.12	0.01	3.25	4.28	1.65	10.73	3.58	0.86	0.57	28.70
2004	2.00	2.14	1.08	9.21	5.36	2.44	1.27	0.18	8.73	0.72	1.25	0.48	34.86
2005	0.74	3.02	2.46	0.21	1.90	1.94	1.83	0.25	4.43	3.15	5.02	0.36	25.31
2006	0.26	0.05	0.33	0.25	4.43	11.19	5.26	0.61	7.11	2.25	0.08	2.11	33.93
2007	4.78	0.08	2.74	0.93	2.23	2.47	18.13	5.25	3.79	0.38	0.59	0.14	41.51
2008	1.77	0.16	1.58	2.36	1.26	0.70	9.43	6.02	1.94	1.88	0.46	0.43	27.99
2009	0.07	0.10	0.99	0.10	1.20	1.03	0.16	0.45	6.27	2.43	3.85	3.96	20.61
2010	2.76	4.42	1.15	1.91	0.31	6.97	7.84	1.07	15.86	0.01	1.00	0.62	43.92
2011	4.01	0.13	0.29	0.01	1.95	1.11	0.02	0.28	0.79	1.95	0.34	1.18	12.06
2012	0.45	4.09	1.35	2.58	2.95	1.54	1.34	0.12	3.59	0.19	0.59	0.03	18.82
POR= 65 YRS	1.57	1.76	1.36	1.94	2.95	3.19	2.32	3.06	5.45	3.30	1.65	1.53	30.08

WBAN : 12924

AVERAGE TEMPERATURE (°F) 2012 CORPUS CHRISTI (KCRP)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1983	55.1	57.9	63.7	69.0	76.0	81.2	83.1	84.2	79.4	74.1	67.7	49.3	70.1
1984	51.4	59.2	66.4	73.2	77.1	81.6	83.3	83.7	78.3	76.5	64.9	66.3	71.8
1985	49.2	54.1	67.6	72.3	77.6	80.2	82.0	84.1	80.7	75.2	69.0	55.5	70.6
1986	57.4	62.2	66.3	74.7	77.1	81.8	84.1	83.4	83.2	73.8	64.8	55.8	72.1
1987	55.2	60.0	62.3	68.2	78.2	81.1	83.2	84.2	81.4	73.2	63.9	60.3	70.9
1988	53.1	58.3	63.5	71.3	76.6	81.2	85.2	85.5	81.0	74.7	69.5	61.0	71.7
1989	61.7	57.4	64.8	71.7	81.9	83.4	84.1	84.5	80.2	74.4	68.0	48.0	71.7
1990	61.8	64.1	66.8	72.8	79.3	84.4	83.5	85.6	81.8	73.1	68.5	58.1	73.3
1991	54.6	61.4	69.6	75.8	79.1	83.2	84.0	85.1	79.4	75.5	61.6	61.9	72.6
1992	55.4	62.6	67.6	71.1	75.0	82.0	83.8	82.9	81.7	75.2	63.3	61.9	71.9
1993	56.8	61.6	65.3	69.8	75.1	81.6	83.5	84.6	82.6	73.3	62.0	60.5	71.4
1994	59.0	59.9	65.9	71.8	77.6	82.8	84.4	84.0	79.3	75.3	71.0	62.9	72.8
1995	58.5	62.6	64.4	71.6	79.8	80.9	85.0	84.6	82.4	74.1	65.5	60.6	72.5
1996	56.8	60.9	61.4	69.9	80.8	83.3	85.4	84.3	81.3	76.2	67.4	60.6	72.4
1997	53.6	59.4	67.6	68.7	76.4	81.6	84.7	85.6	82.4	73.1	61.7	56.2	70.9
1998	61.9	61.1	64.7	70.4	79.6	85.8	86.7	85.3	82.4	75.4	68.8	58.9	73.4
1999	61.2	66.3	68.3	74.7	78.6	82.8	82.7	84.2	79.6	72.1	66.6	59.1	73.0
2000	62.4	67.4	71.2	73.2	79.9	82.0	84.9	84.8	81.7	73.9	63.5	53.3	73.2
2001	54.8	63.7	61.5	74.9	78.0	82.8	84.4	84.7	80.0	73.4	67.0	60.1	72.1
2002	60.2	56.2	66.3	77.5	79.5	82.8	83.9	85.3	80.4	74.9	62.5	58.4	72.3
2003	53.7	57.3	64.0	72.9	81.5	82.7	82.7	83.9	79.0	73.9	67.8	58.9	71.5
2004	59.1	58.0	70.8	71.4	76.2	82.3	83.6	84.7	81.1	80.0	67.7	57.2	72.7
2005	61.0	62.9	66.3	72.6	77.4	82.1	84.9	86.8	84.5	74.0	67.8	58.8	73.3
2006	63.2	62.2	71.3	77.6	80.8	82.1	82.8	85.7	81.0	76.1	68.1	58.8	74.1
2007	53.7	59.7	69.1	69.5	77.0	81.4	81.9	84.1	81.9	74.8	66.1	62.1	71.8
2008	56.3	64.8	66.5	72.8	79.9	83.1	81.3	83.3	80.1	72.9	66.6	59.7	72.3
2009	59.0	65.6	66.8	75.1	81.1	85.0	87.9	87.6	81.3	75.6	64.9	52.8	73.6
2010	54.0	54.1	63.3	72.4	79.5	83.5	84.3	86.2	81.2	73.3	64.9	59.8	71.4
2011	55.5	58.2	68.7	76.9	79.2	83.8	85.7	87.8	83.9	74.8	67.6	59.5	73.5
2012	62.3	63.2	72.3	77.3	79.5	84.9	86.1	88.4	83.9	77.3	69.4	65.3	75.8
POR= 65 YRS	56.7	60.0	66.0	72.6	78.1	82.4	84.3	84.6	81.2	74.2	65.5	59.0	72.0

HEATING DEGREE DAYS (base 65°F) 2012 CORPUS CHRISTI (KCRP)

YEAR	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	TOTAL
1983-84	0	0	0	6	66	511	415	199	69	7	0	0	1273
1984-85	0	0	3	5	106	93	485	320	48	6	0	0	1066
1985-86	0	0	2	3	50	304	235	144	44	0	0	0	782
1986-87	0	0	0	11	139	294	298	156	122	61	0	0	1081
1987-88	0	0	0	0	126	190	374	225	126	13	0	0	1054
1988-89	0	0	0	0	59	181	167	280	141	25	0	0	853
1989-90	0	0	0	17	74	521	160	84	59	8	3	0	926
1990-91	0	0	0	15	42	274	321	123	19	4	0	0	798
1991-92	0	0	0	9	170	172	293	102	43	24	0	0	813
1992-93	0	0	0	0	139	146	264	132	83	11	0	0	775
1993-94	0	0	0	41	157	205	211	185	69	12	3	0	883
1994-95	0	0	0	5	19	149	232	108	125	7	0	0	645
1995-96	0	0	0	1	75	213	283	212	190	47	0	0	1021
1996-97	0	0	0	8	82	192	380	195	28	40	0	0	925
1997-98	0	0	0	17	154	283	144	115	107	9	0	0	829
1998-99	0	0	0	1	23	261	179	69	37	6	0	0	576
1999-00	0	0	0	23	50	206	152	63	21	5	0	0	520
2000-01	0	0	0	53	146	366	323	137	134	3	0	0	1162
2001-02	0	0	0	4	72	202	210	252	99	0	0	0	839
2002-03	0	0	0	5	108	225	345	236	92	14	0	0	1025
2003-04	0	0	0	10	72	208	218	219	2	21	1	0	751
2004-05	0	0	0	0	49	265	194	128	56	9	0	0	600
2005-06	0	0	0	17	68	224	112	138	41	0	0	0	947
2006-07	0	0	0	3	49	235	368	197	45	50	0	0	755
2007-08	0	0	0	11	98	174	294	90	82	6	0	0	683
2008-09	0	0	0	10	66	225	215	66	97	4	0	0	1198
2009-10	0	0	0	8	66	377	346	303	94	4	0	0	935
2010-11	0	0	0	8	105	206	298	271	45	1	1	0	611
2011-12	0	0	0	12	82	219	143	132	23	0	0	0	611
2012-	0	0	0	9	30	136							

WBAN : 12924

COOLING DEGREE DAYS (base 65°F) 2012 CORPUS CHRISTI (KCRP)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
1983	10	6	55	166	349	494	568	605	438	295	152	31	3169
1984	0	39	119	257	382	502	573	588	411	367	108	141	3487
1985	5	19	136	230	399	461	532	595	480	327	179	19	3382
1986	6	72	89	298	382	510	596	575	552	290	140	16	3526
1987	4	21	47	165	414	488	572	603	499	260	103	54	3230
1988	11	37	86	207	366	491	631	643	487	309	203	64	3535
1989	77	71	143	235	533	558	597	611	462	313	172	2	3774
1990	67	68	123	249	452	589	580	650	512	273	154	69	3786
1991	6	28	168	335	445	551	597	629	438	341	77	85	3700
1992	1	42	128	214	316	517	590	564	506	323	95	58	3354
1993	17	43	98	163	318	500	578	611	535	308	72	73	3316
1994	29	49	108	221	401	543	608	597	434	327	207	90	3614
1995	38	47	114	213	465	487	625	611	529	292	96	83	3600
1996	36	99	84	202	497	552	638	603	494	365	163	66	3799
1997	34	42	115	160	358	502	615	646	530	273	61	17	3353
1998	57	13	107	175	456	633	680	633	527	329	145	77	3832
1999	68	111	146	303	429	539	556	601	444	251	103	33	3584
2000	81	142	222	257	469	515	623	619	508	336	110	11	3893
2001	12	106	31	306	407	541	609	617	458	270	143	56	3556
2002	69	12	146	381	456	538	597	635	471	321	38	27	3691
2003	3	27	67	258	517	537	556	594	427	289	162	26	3463
2004	43	23	187	219	356	525	586	616	488	473	137	29	3682
2005	75	74	101	245	394	521	624	682	589	303	160	39	3807
2006	60	66	241	384	499	520	560	651	491	354	151	50	4027
2007	26	55	176	191	376	498	529	600	515	320	140	92	3518
2008	29	92	136	247	470	548	510	573	459	260	121	65	3510
2009	36	92	162	310	507	603	716	708	497	344	70	8	4053
2010	10	2	52	233	459	561	610	666	493	274	109	52	3521
2011	11	87	168	364	447	572	649	713	573	324	168	52	4128
2012	61	84	258	375	455	607	660	731	572	400	168	151	4522

SNOWFALL (inches) 2012 CORPUS CHRISTI (KCRP)

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	T	T	0.0	0.0	0.0	0.0	T
1985-86	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
1986-87	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
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	0.0	T	0.0	0.0	0.0	T
1989-90	0.0	0.0	0.0	0.0	0.0	T	0.0	0.0	T	0.0	0.0	0.0	T
1990-91	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
1991-92	0.0	0.0	0.0	0.0	0.0	0.0	T	0.0	0.0	0.0	0.0	0.0	T
1992-93	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	T	T	0.0	T
1993-94	0.0	0.0	0.0	T	0.0	0.0	0.0	T	0.0	0.0	0.0	0.0	T
1994-95	0.0	0.0	0.0	0.0	0.0	0.0	0.0	T	0.0	0.0	0.0	0.0	T
1995-96	0.0	0.0	0.0	0.0	0.0	0.0	0.0						
1996-97													
1997-98													
1998-99													
1999-00													
2000-01													
2001-02													
2002-03													
2003-04							0.0	T	0.0	0.0	0.0	0.0	
2004-05	0.0	0.0	0.0	0.0	0.0	4.4	0.0	0.0	0.0	0.0	T	0.0	4.4
2005-06	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
2006-07	0.0	0.0	0.0	0.0	0.0	T	0.0	0.0	0.0	0.0	0.0	0.0	T
2007-08	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
2008-09	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	T	T
2009-10	0.0	0.0	0.0	0.0	0.0	T	0.0	0.0	0.0	0.0	0.0	0.0	T
2010-11	0.0	0.0	0.0	0.0	0.0	0.0	T	0.0	0.0	0.0	0.0	0.0	T
2011-12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	T	0.0	T	0.0	T
2012-	0.0	0.0	0.0	0.0	0.0	0.0							
POR= 61 YRS	0.0	0.0	0.0	T	0.0	0.1	T	T	T	T	T	T	0.1

WBAN : 12924

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> <p>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.</p> <ol style="list-style-type: none"> 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.
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2012

CORPUS CHRISTI

TEXAS (KCRP)

Corpus Christi is located on Corpus Christi Bay, an inlet of the Gulf of Mexico, in south Texas. The climatic conditions vary between the humid subtropical region to the northeast along the Texas coast and the semi-arid region to the west and southwest. Temperatures at the International Airport, which is about 7 miles west of downtown Corpus Christi, may be substantially different than those in the city during calm winter mornings and during summer afternoon sea breezes.

Peak rainfall months are May and September. Winter months have the least amounts of rainfall. The hurricane season from June to November can greatly effect the rainfall totals. Dry periods frequently occur. Several months during the years of record have had no rainfall, or only a trace. Snow falls on an average of about one day every two years.

There is little change in the day-to-day weather of the summer months, except for an occasional rainshower or a tropical storm in the area. High temperatures range in the high 80s to mid 90s, except for brief periods in the high 90s. The sea breeze during the afternoon and evening hours moderates the summer heat. Low temperatures are usually in the mid 70s. Mornings are generally warm. Summertime temperatures rarely reach 100 degrees near the bay, but occasionally do in most other parts of the city. Temperatures above 100 degrees are frequent about 30 to 60 miles to the west and southwest. Summertime afternoons are more pleasant than mornings because they are usually clear and windy. In the summer season the region receives nearly 80 percent of the possible sunshine.

The fall months of September and October are essentially an extension of the summer months. November is a transition to the conditions of the

coming winter months, with greater temperature extremes, stronger winds, and the first occurrences of northerners. The winter months are relatively mild, but with temperatures sufficiently low to be stimulating. Temperatures below 32 degrees seldom occur near the bay, but are more frequent inland. January is the coldest month with a prevailing northerly wind. The most extreme cold weather, in which daytime highs do not exceed 32 degrees, does not occur more than once every three or four years. The earliest occurrence of a temperature below 32 degrees is in early November and the latest occurrence in the spring is mid to late March.

Relative humidity, because of the nearness of the Gulf of Mexico, is high throughout the year. However, during the afternoons the humidity usually drops to between 50 and 60 percent.

Severe tropical storms average about one every ten years. Lesser strength storms average about one every five years. The city of Corpus Christi has a feature not found in most other coastal cities. A bluff rises 30 to 40 feet above the level of the lowlands area near the bay. This serves as a natural protection from high water. Protection for the main city is now furnished by sea walls.

Chief hurricane months are August and September, although tropical storms have occurred as early as June and as late as October. The majority of the storms pass either to the south or east of the city. Tornadoes are an infrequent occurrence in the area, and hail occurs only about once a year.

Station History

CORPUS CHRISTI, TX

NAME	Begin Date	End Date	Latitude	Longitude	Elevation Feet	Relocation	Platform
CORPUS CHRISTI INTL AP	1964-02-01	1973-01-01	27° 46'	-97° 30'	41		AIRWAYS, COOP, USHCN
CORPUS CHRISTI	1934-01-01	1938-04-30	27° 46'	-97° 24'			WXSVC
CORPUS CHRISTI CLIFF MAUS FIELD	1946-09-01	1955-10-04	27° 46'	-97° 27'	40		AIRWAYS, COOP, USHCN
CORPUS CHRISTI CLIFF MAUS FIELD	1955-10-04	1960-08-08	27° 46'	-97° 27'	41		AIRWAYS, COOP, USHCN
CORPUS CHRISTI INTL AP	1973-01-01	1995-12-01	27° 46'	-97° 30'	41		COOP, USHCN, WXSVC
CORPUS CHRISTI CLIFF MAUS FIELD	1939-01-28	1946-09-01	27° 46'	-97° 27'	40		AIRWAYS
CORPUS CHRISTI INTL AP	1960-08-08	1964-02-01	27° 46'	-97° 30'	43		AIRWAYS, COOP, USHCN
CORPUS CHRISTI INTL AP	1996-05-08	2004-08-15	27° 46'	-97° 30'	41		ASOS, COOP, USHCN, WXSVC
CORPUS CHRISTI INTL AP	1995-12-01	1996-05-08	27° 46'	-97° 30'	41	.75 MI W	ASOS, COOP, USHCN, WXSVC
CORPUS CHRISTI INTL AP	2004-08-15	Present	27° 46'	-97° 30'	44		ASOS, COOP, USHCN, WXSVC

Element History

Element	Begin Date	End Date	Frequency	Time Of Observation	Equipment *	Equipment * Modifications	Equipment Exposure
PRECIP	1963-09-01	1992-04-15	HOURLY	2400			
TEMP	1995-07-01	1995-12-01	DAILY	2400	HYGR		
PRECIP	1995-12-01	2004-08-15	DAILY	2400	TB	RCRD	
PRECIP	1992-04-15	1995-07-01	DAILY	2400	UNIV	RCRD	
PRECIP	1995-07-01	1995-12-01	DAILY	2400	UNIV	RCRD	
PRECIP	1960-08-08	1963-09-01	DAILY	2400	UNIV	RCRD	
PRECIP	1963-09-01	1992-04-15	DAILY	2400	UNIV	RCRD	
TEMP	1992-04-15	1995-07-01	DAILY	2400	HYGR		
TEMP	1960-08-08	1963-09-01	DAILY	2400			
PRECIP	2004-08-15	Present	DAILY	2400	PCPNX		
TEMP	1963-09-01	1992-04-15	DAILY	2400			
PRECIP	1995-12-01	2004-08-15	HOURLY	2400	TB	RCRD	
TEMP	2004-08-15	Present	DAILY	2400	ATEMP		
PRECIP	1992-04-15	1995-07-01	HOURLY	2400			
PRECIP	2004-08-15	Present	HOURLY	2400	AHTB	RCRD;HTD	
PRECIP	1995-07-01	1995-12-01	HOURLY	2400	UNIV	RCRD	
TEMP	1995-12-01	2004-08-15	DAILY	2400	HYGR		

* 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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Attn: User Engagement & Services Branch

151 Patton Avenue

Asheville, NC 28801-5001

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