

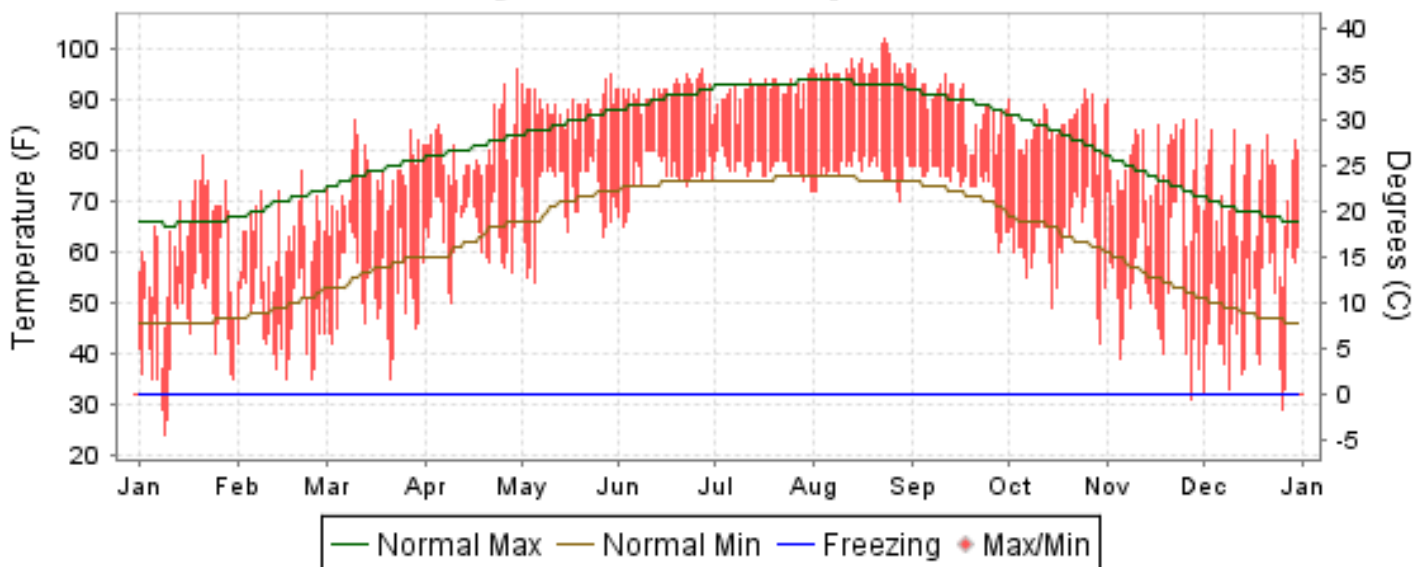


2010 LOCAL CLIMATOLOGICAL DATA ANNUAL SUMMARY WITH COMPARATIVE DATA

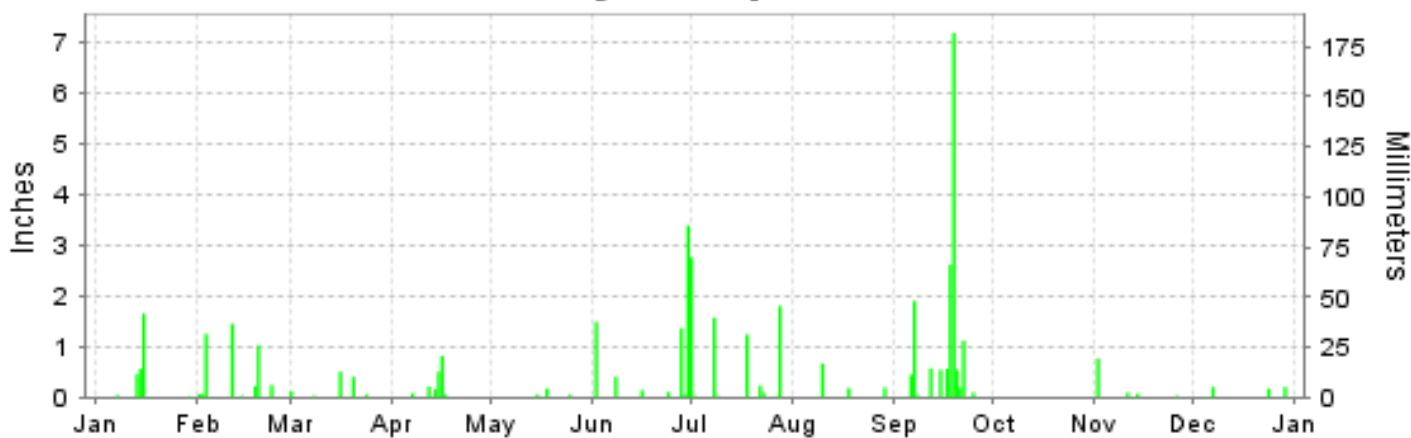
CORPUS CHRISTI, TEXAS (KCRP)

ISSN 0198-4969

Daily Max/Min Temperature



Daily Precipitation



Daily Station Pressure



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CLIMATIC DATA CENTER
ASHEVILLE, NORTH CAROLINA

Thomas R. Karl
DIRECTOR
NATIONAL CLIMATIC DATA CENTER

METEOROLOGICAL DATA FOR 2010

CORPUS CHRISTI (KCRP)

LATITUDE: 27 ° 46'N LONGITUDE: -97 ° 30'W ELEVATION (FT): GRND: 41 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	62.6	62.1	74.4	80.5	88.8	91.9	91.9	96.4	88.9	85.1	76.6	72.0	80.9	
	HIGHEST DAILY MAXIMUM	79	76	86	96	95	96	96	102	96	92	90	84	102	
	DATE OF OCCURRENCE	21	21	10	30	29	27	31	23	02	25	01	11+	AUG 23	
	MEAN DAILY MINIMUM	45.4	46.0	52.2	64.2	70.2	75.0	76.7	76.0	73.4	61.5	53.1	47.5	61.8	
	LOWEST DAILY MINIMUM	24	35	35	50	54	65	72	70	60	42	31	29	24	
	DATE OF OCCURRENCE	09	24+	21	09	05	02	31	28	28	30	27	26	JAN 09	
	AVERAGE DRY BULB	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	
	MEAN WET BULB	50.4	50.4	57.2	66.6	73.0	77.8	78.1	77.8	75.3	65.5	58.9	53.9	65.4	
	MEAN DEW POINT	46.4	47.0	52.4	63.2	69.9	75.5	76.0	74.6	72.9	60.3	53.7	47.7	61.6	
	NUMBER OF DAYS WITH:														
	MAXIMUM >= 90°	0	0	0	2	11	28	27	31	15	4	1	0	0	119
MAXIMUM <= 32°	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
MINIMUM <= 32°	3	0	0	0	0	0	0	0	0	0	1	2	6		
MINIMUM <= 0°	0	0	0	0	0	0	0	0	0	0	0	0	0		
H/C	HEATING DEGREE DAYS	346	303	94	4	0	0	0	0	0	8	105	206	1066	
	COOLING DEGREE DAYS	10	2	52	233	459	561	610	666	493	274	109	52	3521	
RH	MEAN (PERCENT)	78	80	73	77	76	80	80	74	80	68	70	68	75	
	HOUR 00 LST	84	85	83	86	89	92	91	89	88	81	79	76	85	
	HOUR 06 LST	86	87	87	89	92	96	94	94	93	86	83	80	89	
	HOUR 12 LST	70	72	59	63	60	65	64	52	66	48	54	54	61	
	HOUR 18 LST	71	71	59	70	65	69	71	58	72	58	65	63	66	
S	PERCENT POSSIBLE SUNSHINE														
W/O	NUMBER OF DAYS WITH:														
	HEAVY FOG(VISBY <= 1/4 MI)	5	3	3	3	1	0	1	1	1	0	2	1	21	
	THUNDERSTORMS	2	0	2	4	4	4	8	5	9	0	1	0	39	
CLOUDNESS	SUNRISE-SUNSET: (OKTAS)														
	CEILOMETER (<= 12,000 FT.)														
	SATELLITE (> 12,000 FT.)														
	MIDNIGHT-MIDNIGHT: (OKTAS)														
	CEILOMETER (<= 12,000 FT.)														
SATELLITE (> 12,000 FT.)															
NUMBER OF DAYS WITH:															
CLEAR															
PARTLY CLOUDY															
CLOUDY															
PR	MEAN STATION PRESS. (IN.)	30.07	29.98	29.93	29.85	29.83	29.85	29.89	29.85	29.85	29.99	29.98	30.03	29.93	
	MEAN SEA-LEVEL PRESS. (IN.)	30.12	30.04	29.98	29.90	29.88	29.89	29.93	29.90	29.90	30.03	30.04	30.08	29.97	
WINDS	RESULTANT SPEED (MPH)	4.5	6.1	4.3	9.4	9.7	7.8	6.5	5.8	4.9	3.8	3.3	3.9	5.2	
	RES. DIR. (TENS OF DEGS.)	06	06	14	13	14	14	13	14	11	13	12	13	13	
	MEAN SPEED (MPH)	12.2	11.8	12.5	13.9	11.6	10.1	8.2	7.6	9.0	8.8	12.4	11.9	10.8	
	PREVAIL.DIR.(TENS OF DEGS.)	04	09	14	15	15	15	14	15	13	15	15	17	15	
	MAXIMUM 2-MINUTE WIND														
	SPEED (MPH)	37	41	38	40	32	40	29	25	40	36	33	33	41	
	DIR. (TENS OF DEGS.)	14	01	34	34	16	29	05	15	15	04	16	19	01	
	DATE OF OCCURRENCE	28	14	01	24	12	02	01	20	07	28	25	15	FEB 14	
	MAXIMUM 3-SECOND WIND:														
	SPEED (MPH)	46	56	46	48	43	54	44	31	55	43	41	41	56	
DIR. (TENS OF DEGS.)	15	02	32	33	16	29	06	15	14	04	15	19	02		
DATE OF OCCURRENCE	28	14	01	24	12	02	01	20	07	28	22	15	FEB 14		
PRECIPITATION	WATER EQUIVALENT:														
	TOTAL (IN.)	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	
	GREATEST 24-HOUR (IN.)	2.17	1.45	0.51	0.82	0.18	3.38	2.75	0.67	8.49	0.01	0.77	0.21	8.49	
	DATE OF OCCURRENCE	14-15	11	16	16	18	30	01	10	18-19	23	02	29+	SEP 18-19	
	NUMBER OF DAYS WITH:														
	PRECIPITATION 0.01	5	10	5	8	4	8	12	4	13	1	5	4	79	
PRECIPITATION 0.10	3	5	3	4	1	6	6	3	11	0	2	3	47		
PRECIPITATION 1.00	1	3	0	0	0	3	4	0	4	0	0	0	15		
SNOWFALL	SNOW,ICE PELLETS,HAIL														
	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.)	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	
	DATE OF OCCURRENCE	0	0	0	0	0	0	0	0	0	0	0	0	0	
	MAXIMUM SNOW DEPTH (IN.)	0	0	0	0	0	0	0	0	0	0	0	0	0	
	DATE OF OCCURRENCE	0	0	0	0	0	0	0	0	0	0	0	0	0	
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: 41 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	66.0	69.7	75.8	80.7	85.6	90.2	93.2	93.4	89.9	83.6	74.9	68.0	80.9	
	MEAN DAILY MAXIMUM	63	66.4	70.0	75.6	81.5	86.3	90.8	93.4	93.9	89.8	83.9	75.4	68.9	81.3	
	HIGHEST DAILY MAXIMUM	72	91	98	102	102	103	106	104	104	109	98	98	91	109	
	YEAR OF OCCURRENCE		1971	1940	1989	1984	2006	1998	1939	2005	2000	1950	1988	1977	1977	SEP 2000
	MEAN OF EXTREME MAXS.	63	82.6	85.7	89.5	92.5	93.1	95.5	97.4	99.0	96.3	92.5	88.2	84.0	91.4	
	NORMAL DAILY MINIMUM	30	46.2	49.3	56.2	62.3	69.5	73.5	74.4	74.5	71.6	64.0	55.4	48.1	62.1	
	MEAN DAILY MINIMUM	63	46.8	49.9	56.1	63.4	69.8	73.9	75.1	75.2	72.3	64.5	55.4	48.8	62.6	
	LOWEST DAILY MINIMUM	72	14	18	24	33	47	58	64	64	50	28	28	13	13	
	YEAR OF OCCURRENCE		1962	1951	1980	1987	1970	1975	1967	2004	1942	1993	1993	1989	1989	DEC 1989
	MEAN OF EXTREME MINS.	63	28.9	32.5	37.1	46.4	58.1	66.4	70.6	70.4	61.5	47.9	37.7	30.6	49.0	
	NORMAL DRY BULB	30	56.1	59.5	66.0	71.5	77.5	81.9	83.8	83.9	80.8	73.8	65.1	58.1	71.5	
	MEAN DRY BULB	63	56.6	59.9	65.8	72.4	78.1	82.4	84.2	84.5	81.1	74.2	65.4	58.8	72.0	
	MEAN WET BULB	27	51.6	54.7	59.6	65.6	72.2	75.8	76.6	76.3	73.6	67.4	59.9	53.2	65.5	
	MEAN DEW POINT	27	49.2	52.5	57.0	63.5	70.8	74.3	74.7	74.3	71.6	65.4	57.6	50.6	63.5	
	NORMAL NO. DAYS WITH:															
	MAXIMUM >= 90	30	0.1	0.3	1.1	1.9	5.5	20.6	28.4	27.8	18.7	5.5	0.4	0.1	110.4	
MAXIMUM <= 32	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		
MINIMUM <= 32	30	2.5	1.2	0.3	0.0	0.0	0.0	0.0	0.0	0.0	*	0.2	1.6	5.8		
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	299	191	77	19	0	0	0	0	0	12	103	249	950	
	NORMAL COOLING DEG. DAYS	30	32	43	121	229	402	520	594	598	485	300	122	51	3497	
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) THUNDERSTORMS	47 63	6.0 0.9	4.9 1.0	3.9 1.4	2.5 2.4	1.3 4.3	0.4 3.6	0.5 3.3	0.4 4.7	0.4 5.5	1.4 2.4	3.9 1.1	5.1 0.7	30.7 31.3	
CLOUDNESS	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)	27	30.08	30.01	29.94	29.88	29.82	29.86	29.92	29.90	29.89	29.95	30.01	30.03	29.94	
	MEAN SEA-LEVEL PRES. (IN)	27	30.13	30.06	29.99	29.93	29.90	29.91	29.97	29.95	29.94	30.00	30.06	30.11	30.00	
WINDS	MEAN SPEED (MPH)	27	12.0	12.9	13.7	13.9	12.4	10.7	10.7	10.3	9.8	10.7	11.7	11.8	11.7	
	PREVAIL. DIR. (TENS OF DEGS)	31	16	16	15	15	15	15	15	15	15	15	15	36	15	
	MAXIMUM 2-MINUTE:															
	SPEED (MPH)	15	43	45	49	46	56	40	38	45	49	49	45	46	56	
	DIR. (TENS OF DEGS)		16	36	36	07	01	29	15	14	03	28	32	30	01	
	YEAR OF OCCURRENCE		2009	1999	2008	2004	1999	2010	2008	1999	2001	2002	2006	2009	MAY 1999	
	MAXIMUM 3-SECOND															
	SPEED (MPH)	15	52	56	67	54	63	54	53	55	58	75	55	56	75	
DIR. (TENS OF DEGS)		32	02	03	08	02	29	15	09	02	28	34	29	28		
YEAR OF OCCURRENCE		2008	2010	2008	2004	1999	2010	2008	1999	2001	2002	2006	2009	OCT 2002		
PRECIPITATION	NORMAL (IN)	30	1.62	1.84	1.74	2.05	3.48	3.53	2.00	3.54	5.03	3.94	1.74	1.75	32.26	
	MAXIMUM MONTHLY (IN)	72	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)	72	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)	72	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	7.7	6.3	5.1	5.2	6.6	6.7	4.7	6.9	9.0	6.7	6.3	6.6	77.8	
PRECIPITATION >= 1.00	30	0.3	0.6	0.6	0.6	1.3	1.2	0.6	0.9	1.5	1.1	0.4	0.3	9.4		
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	
	MAXIMUM MONTHLY (IN)	65	1.2	1.1	T	T	T	T	T	0.0	0.0	T	T	4.4	4.4	
	YEAR OF OCCURRENCE		1940	1973	1990	1993	1993	2009				1993	1979	2004	DEC 2004	
	MAXIMUM IN 24 HOURS (IN)	65	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	1990	1993	1993	2009				1993	1979	2004	DEC 2004	
	MAXIMUM SNOW DEPTH (IN)	55	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	0.0	0.0		

PRECIPITATION (inches) 2010 CORPUS CHRISTI (KCRP)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1981	2.55	1.91	2.37	0.98	8.64	3.02	5.98	5.79	0.49	11.02	0.12	1.15	44.02
1982	0.07	8.11	0.46	1.01	4.17	0.72	0.01	0.64	0.55	1.70	4.33	0.70	22.47
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
POR= 63 YRS	1.55	1.75	1.38	1.96	2.97	3.25	2.37	3.16	5.55	3.37	1.69	1.56	30.56

WBAN : 12924

AVERAGE TEMPERATURE (°F) 2010 CORPUS CHRISTI (KCRP)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1981	55.3	58.4	63.7	74.4	77.0	82.5	83.4	83.7	80.7	75.2	68.3	59.4	71.8
1982	57.4	55.9	66.8	71.1	76.7	82.7	84.6	84.9	82.3	73.9	64.5	58.4	71.6
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
POR= 63 YRS	56.6	59.9	65.8	72.4	78.1	82.4	84.2	84.5	81.1	74.2	65.4	58.8	72.0

HEATING DEGREE DAYS (base 65°F) 2010 CORPUS CHRISTI (KCRP)

YEAR	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	TOTAL
1981-82	0	0	0	24	34	207	292	275	92	40	0	0	964
1982-83	0	0	0	10	134	245	308	195	88	40	0	0	1020
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	600
2006-07	0	0	0	3	49	235	368	197	45	50	0	0	947
2007-08	0	0	0	11	98	174	294	90	82	6	0	0	755
2008-09	0	0	0	10	66	225	215	66	97	4	0	0	683
2009-10	0	0	0	8	66	377	346	303	94	4	0	0	1198
2010-	0	0	0	8	105	206							

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COOLING DEGREE DAYS (base 65°F) 2010 CORPUS CHRISTI (KCRP)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
1981	4	41	57	288	378	535	580	589	476	349	141	41	3479
1982	63	24	158	229	370	540	613	627	525	289	128	48	3614
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

SNOWFALL (inches) 2010 CORPUS CHRISTI (KCRP)

YEAR	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	TOTAL
1981-82	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
1982-83	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
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	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-	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
POR= 59 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. NORMALS ARE 30-YEAR AVERAGES (1971 - 2000). 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 AND ON SATELLITE DATA FOR CLOUDS ABOVE 12,000 FEET. THE NUMBER OF DAYS WITH CLEAR, PARTLY CLOUDY, AND CLOUDY CONDITIONS FOR ASOS STATIONS IS THE SUM OF THE CEILOMETER AND SATELLITE DATA FOR THE SUNRISE TO SUNSET PERIOD. CLEAR INDICATES 0 - 2 OKTAS, PARTLY CLOUDY INDICATES 3 - 6 OKTAS, AND CLOUDY INDICATES 7 OR 8 OKTAS. WHEN AT LEAST ONE OF THE ELEMENTS (CEILOMETER OR SATELLITE) IS MISSING, THE DAILY CLOUDINESS IS NOT COMPUTED.</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 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 HISTORY GO TO "MULTI-NETWORK MEDADATA SYSTEM", URL IS: https://mi3.ncdc.noaa.gov/mi3qry/login.cfm 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 the "Summary of the Day First Order Station" and "Cooperative Summary of the Day" archives.</p>
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2010

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.

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