

2002

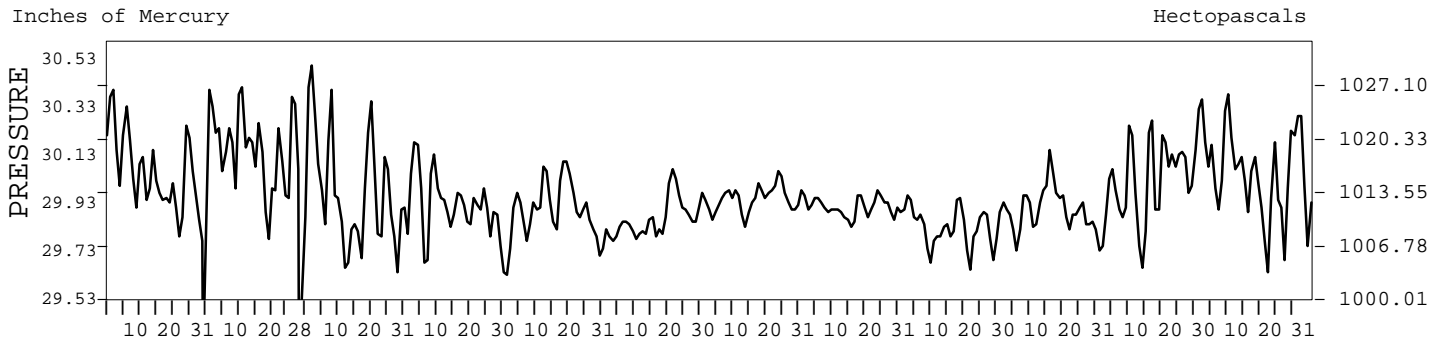
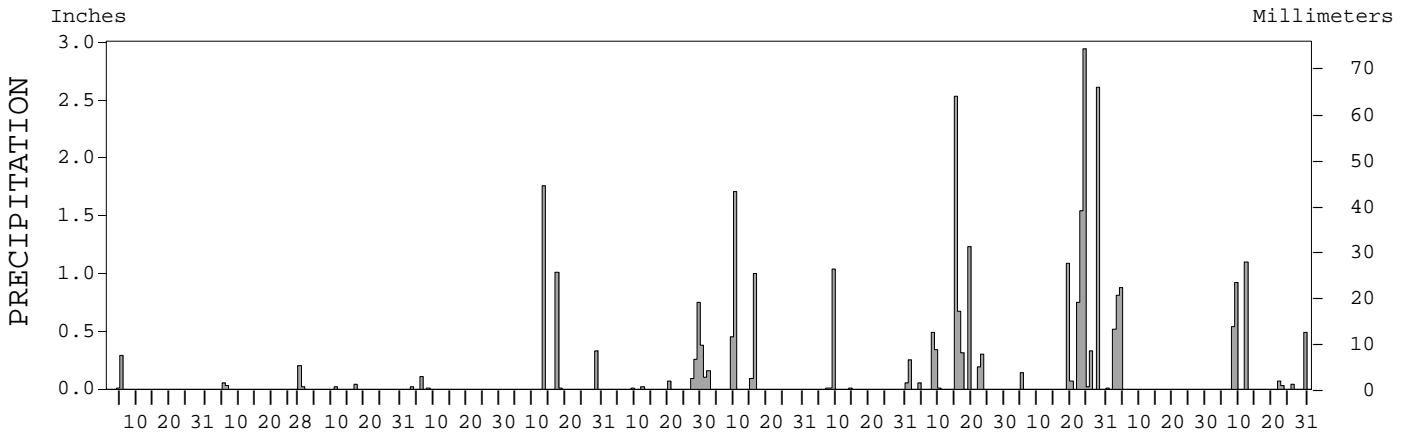
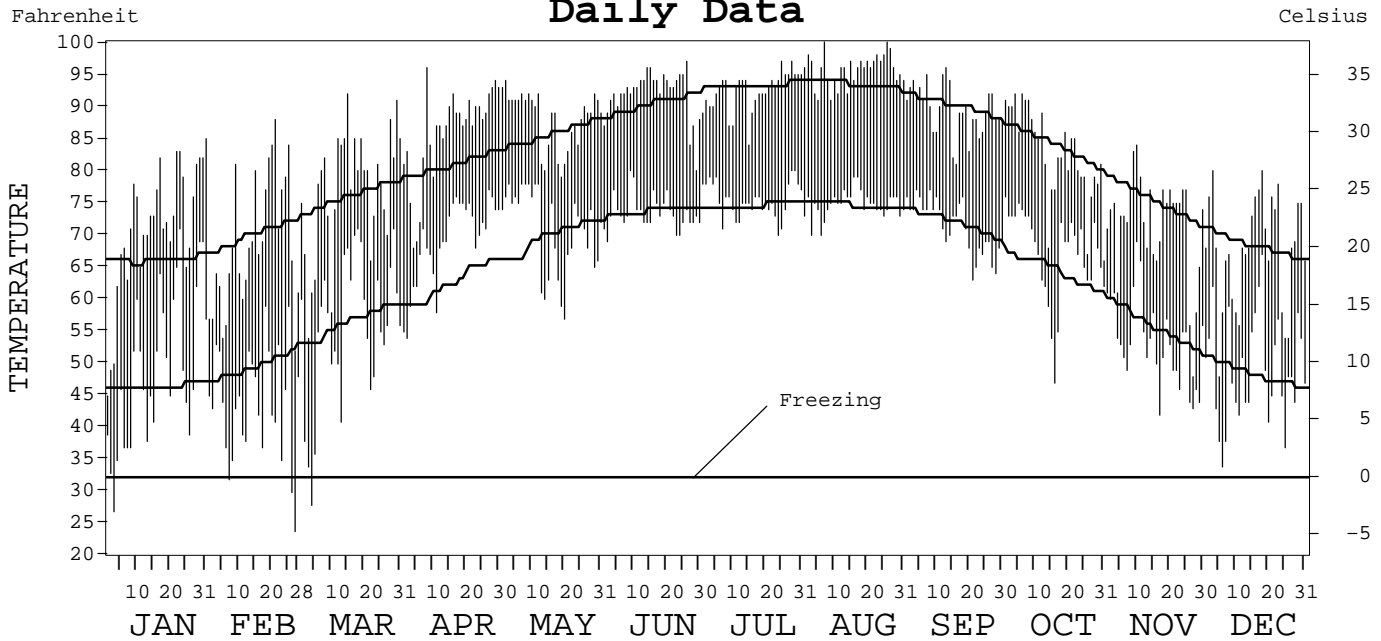
# LOCAL CLIMATOLOGICAL DATA ANNUAL SUMMARY WITH COMPARATIVE DATA



ISSN 0198-4969

## CORPUS CHRISTI, TEXAS (CRP)

### Daily Data



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NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

NATIONAL ENVIRONMENTAL SATELLITE, DATA, AND INFORMATION SERVICE

NATIONAL CLIMATIC DATA CENTER ASHEVILLE, NORTH CAROLINA

DIRECTOR NATIONAL CLIMATIC DATA CENTER

# METEOROLOGICAL DATA FOR 2002

## CORPUS CHRISTI, TX (CRP)

LATITUDE: 27° 46' 23" N      LONGITUDE: 97° 30' 46" W      ELEVATION (FT): GRND: 0      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	71.2	68.7	77.0	85.9	88.1	92.0	92.4	95.7	89.5	82.5	71.7	67.7	81.9	
	HIGHEST DAILY MAXIMUM	85	88	92	96	94	97	97	100	96	92	84	80	100	
	DATE OF OCCURRENCE	31	21	15	08	02	26	28+	26+	13	06+	10	18+	AUG 26+	
	MEAN DAILY MINIMUM	49.2	43.7	55.5	69.0	70.9	73.5	75.4	74.8	71.3	67.3	53.2	49.0	62.7	
	LOWEST DAILY MINIMUM	27	24	28	54	57	69	70	70	63	47	42	34	24	
	DATE OF OCCURRENCE	03	27	04	02	20	02	24	06+	21	16	17	06	FEB 27	
	AVERAGE DRY BULB	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	
	MEAN WET BULB		50.2		71.7	73.9	76.9	78.2	77.0	73.2	69.9	57.0	54.9		
	MEAN DEW POINT		43.9		69.5	71.5	74.5	76.1	73.9	70.1	67.4	52.6	51.7		
	NUMBER OF DAYS WITH:														
	MAXIMUM ≥ 90°	0	0	2	10	15	24	26	31	15	7	0	0	0	130
	MAXIMUM ≤ 32°	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	MINIMUM ≤ 32°	1	3	1	0	0	0	0	0	0	0	0	0	0	5
MINIMUM ≤ 0°	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
H/C	HEATING DEGREE DAYS	210	252	99	0	0	0	0	0	0	5	108	225	899	
	COOLING DEGREE DAYS	69	12	146	381	456	538	597	635	471	321	38	27	3691	
RH	MEAN (PERCENT)	76	68	72	82	79	77	80	73	75	80	74	80	76	
	HOUR 00 LST	86	78	81	93	91	87	92	83	85	87	82	85	86	
	HOUR 06 LST	90	78	84	95	92	93	96	91	90	91	86	87	89	
	HOUR 12 LST	60	54	60	64	62	62	62	52	61	68	59	70	61	
	HOUR 18 LST	68	61	63	75	75	67	70	62	65	75	69	76	69	
S	PERCENT POSSIBLE SUNSHINE	50	47	45	54	62	69	67	73	59	44	59	46	56	
W/O	NUMBER OF DAYS WITH:														
	HEAVY FOG (VISBY ≤ 1/4 MI)	1	5	3	2	0	0	1	1	2	2	4	5	26	
	THUNDERSTORMS	1	0	0	2	2	5	8	7	10	9	1	4	49	
CLOUDINESS	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.)		30.15		29.92	29.89	29.86	29.95	29.91	29.83	29.90	30.06	30.03		
	MEAN SEA-LEVEL PRESS. (IN.)		30.20		29.96	29.93	29.90	29.99	29.95	29.87	29.94	30.11	30.08		
WINDS	RESULTANT SPEED (MPH)		4.0		3.4	2.1	2.5	2.8	0.7	1.6	5.1	4.4	1.7		
	RES. DIR. (TENS OF DEGS.)		05		18	36	18	21	08	04	08	03	08		
	MEAN SPEED (MPH)	12.8	11.7	15.1	15.3	14.0	9.5	11.3	10.4	10.6	10.1	10.7	11.9	11.9	
	PREVAIL. DIR. (TENS OF DEGS.)	16	36	16	14	14	14	14	14	36	13	36	16	14	
	MAXIMUM 2-MINUTE WIND:														
	SPEED (MPH)	36	37	45	40	45	35	30	29	29	49	30	36	49	
	DIR. (TENS OF DEGS.)	15	01	17	15	04	07	15	17	06	28	02	32	28	
	DATE OF OCCURRENCE	30+	26	30	07	29	28	27	15	01	23	12	23	OCT 23	
	MAXIMUM 5-SECOND WIND:														
	SPEED (MPH)	45	43	54	47	49	44	35	33	33	75	36	44	75	
DIR. (TENS OF DEGS.)	32	02	17	15	04	07	16	17	20	28	02	27	28		
DATE OF OCCURRENCE	05	26+	30	07	29	28	29+	15	15	23	12	30	OCT 23		
PRECIPITATION	WATER EQUIVALENT:														
	TOTAL (IN.)	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	
	GREATEST 24-HOUR (IN.)	0.30	0.20	0.04	0.11	1.76	0.89	1.71	1.05	2.53	2.94	1.69	1.42	2.94	
	DATE OF OCCURRENCE	04-05	28	17	06	13	28-29	10	08-09	15	24	03-04	08-09	OCT 24	
	NUMBER OF DAYS WITH:														
	PRECIPITATION ≥ 0.01	2	3	3	3	4	7	6	5	11	10	3	7	64	
PRECIPITATION ≥ 0.10	1	1	0	1	3	3	5	1	9	7	3	4	38		
PRECIPITATION ≥ 1.00	0	0	0	0	2	0	2	1	2	4	0	1	12		
SNOWFALL	SNOW, ICE PELLETS, HAIL:														
	TOTAL (IN.)														
	GREATEST 24-HOUR (IN.)														
	DATE OF OCCURRENCE														
	MAXIMUM SNOW DEPTH (IN.)														
	DATE OF OCCURRENCE														
NUMBER OF DAYS WITH:															
SNOWFALL ≥ 1.0															

# NORMALS, MEANS, AND EXTREMES

## CORPUS CHRISTI, TX (CRP)

LATITUDE: 27° 46' 23" N      LONGITUDE: 97° 30' 46" W      ELEVATION (FT): GRND: 0      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	55	66.3	69.9	75.3	81.2	86.0	90.8	93.6	93.6	89.9	83.7	75.0	68.9	81.2
	HIGHEST DAILY MAXIMUM	64	91	98	102	102	103	106	104	103	109	98	98	91	109
	YEAR OF OCCURRENCE		1971	1940	1989	1984	1984	1998	1939	2000	2000	1950	1988	1977	SEP 2000
	MEAN OF EXTREME MAXS.	55	82.5	85.5	89.5	92.4	92.8	95.6	97.6	98.8	96.1	92.4	88.3	83.9	91.3
	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	55	46.7	49.7	56.0	63.3	69.8	73.9	75.1	75.2	72.3	64.4	55.5	48.9	62.6
	LOWEST DAILY MINIMUM	64	14	18	24	33	47	58	64	64	50	28	28	13	13
	YEAR OF OCCURRENCE		1962	1951	1980	1987	1970	1975	1967	1967	1942	1993	1993	1989	DEC 1989
	MEAN OF EXTREME MINS.	55	28.4	32.3	37.0	46.6	58.2	66.4	70.6	70.5	60.9	48.3	38.0	30.8	49.0
	NORMAL DRY BULB	30	55.1	58.5	65.6	72.5	77.9	81.9	84.1	84.2	81.0	73.9	65.7	58.3	71.6
	MEAN DRY BULB	55	56.5	59.7	65.6	72.3	77.9	82.3	84.2	84.3	81.0	74.0	65.2	58.8	71.8
	MEAN WET BULB	18	52.3	55.9	60.2	66.4	72.9	76.1	76.8	76.7	73.9	68.1	60.6	54.5	66.2
	MEAN DEW POINT	18	48.2	51.7	55.8	62.9	70.5	73.7	73.9	73.6	70.8	64.7	56.8	50.5	62.8
	NORMAL NO. DAYS WITH:														
MAXIMUM ≥ 90°	30	0.1	0.3	0.8	1.9	5.1	19.4	27.5	27.2	17.6	5.0	0.4	0.1	105.4	
MAXIMUM ≤ 32°	30	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.3	
MINIMUM ≤ 32°	30	3.5	1.5	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	1.7	7.3	
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	77	76	74	76	79	78	74	74	76	75	76	76	76
	HOUR 00 LST	30	84	84	83	86	89	88	87	86	85	84	84	83	85
	HOUR 06 LST	30	87	88	87	89	92	92	92	92	90	89	87	86	89
	HOUR 12 LST	30	68	64	61	62	65	62	57	57	62	59	61	64	62
	HOUR 18 LST	30	70	66	64	68	71	68	63	64	68	68	70	70	68
S	PERCENT POSSIBLE SUNSHINE	60	44	49	54	56	59	72	80	76	68	67	54	43	60
W/O	MEAN NO. DAYS WITH:														
	HEAVY FOG (VISBY ≤ 1/4 MI)	60	6.1	5.1	4.0	2.5	1.2	0.3	0.2	0.3	0.2	1.2	3.5	5.1	29.7
	THUNDERSTORMS	63	0.8	1.2	1.4	2.4	4.6	3.4	2.9	4.0	4.9	2.4	1.2	0.9	30.1
CLOUDINESS	MEAN:														
	SUNRISE-SUNSET (OKTAS)	1			4.8			3.2							
	MIDNIGHT-MIDNIGHT (OKTAS)	1			4.8										
	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	30.09	30.00	29.90	29.90	29.80	29.90	29.90	29.90	29.89	30.00	30.00	30.10	29.95
	MEAN SEA-LEVEL PRES. (IN)	17	30.12	30.07	30.00	29.93	29.89	29.99	29.98	29.96	29.95	30.01	30.07	30.13	30.01
WINDS	MEAN SPEED (MPH)	38	12.0	13.0	13.8	14.1	12.8	11.4	11.6	11.0	10.3	10.6	11.8	11.7	12.0
	PREVAIL. DIR (TENS OF DEGS)	23	16	15	15	15	14	14	14	14	14	14	15	36	14
	MAXIMUM 2-MINUTE:														
	SPEED (MPH)	7	43	45	45	44	56	40	30	45	49	49	41	38	56
	DIR. (TENS OF DEGS)		30	36	17	34	01	18	15	14	03	28	09	33	01
	YEAR OF OCCURRENCE		1999	1999	2002	1997	1999	1997	2002	1999	2001	2002	2001	2000	MAY 1999
	MAXIMUM 5-SECOND:														
SPEED (MPH)	7	51	51	54	52	63	48	41	55	58	75	47	48	75	
DIR. (TENS OF DEGS)		29	01	17	34	02	19	16	09	02	28	09	26	28	
YEAR OF OCCURRENCE		1999	1999	2002	1997	1999	1997	2000	1999	2001	2002	2001	2001	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)	64	10.78	8.11	4.89	8.04	9.38	13.35	11.92	14.79	20.33	12.03	8.53	9.80	20.33
	YEAR OF OCCURRENCE		1958	1982	1995	1956	1968	1973	1976	1980	1967	1997	1947	1991	SEP 1967
	MINIMUM MONTHLY (IN)	64	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)	60	6.38	4.85	3.66	7.19	4.65	5.65	4.61	8.92	8.76	7.96	4.55	6.81	8.92
	YEAR OF OCCURRENCE		1958	1982	2000	1956	1968	1978	1981	1980	1967	1995	2001	1991	AUG 1980
NORMAL NO. DAYS WITH:															
PRECIPITATION ≥ 0.01	30	8.3	6.3	4.7	4.8	6.4	6.6	5.3	6.4	9.4	6.3	5.5	6.4	76.4	
PRECIPITATION ≥ 1.00	30	0.4	0.5	0.2	0.5	1.3	1.1	0.7	0.8	1.4	0.9	0.4	0.2	8.4	
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)	58	1.2	1.1	T	T	T	0.0	0.0	0.0	0.0	T	T	T	1.2
	YEAR OF OCCURRENCE		1940	1973	1990	1993	1993					1993	1979	1989	JAN 1940
	MAXIMUM IN 24 HOURS (IN)	58	1.1	1.1	T	T	T	0.0	0.0	0.0	0.0	T	T	T	1.1
	YEAR OF OCCURRENCE		1940	1973	1990	1993	1993					1993	1979	1989	FEB 1973
	MAXIMUM SNOW DEPTH (IN)	48	0	1	0	0	0	0	0	0	0	0	0	0	1
	YEAR OF OCCURRENCE			1973											FEB 1973
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) 2002 CORPUS CHRISTI, TX (CRP)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1973	2.18	1.42	0.16	1.73	0.58	13.35	0.52	5.63	7.58	9.95	0.31	0.12	43.53
1974	1.98	T	4.80	0.08	4.24	2.43	0.19	1.05	3.88	3.57	1.76	0.83	24.81
1975	1.94	0.42	0.05	0.08	1.67	1.31	4.05	4.84	6.70	2.02	0.90	1.21	25.19
1976	0.15	T	0.15	3.68	5.95	0.76	11.92	0.86	2.54	6.81	4.27	2.30	39.39
1977	3.11	1.72	0.96	6.00	1.96	3.56	1.15	0.39	0.87	4.73	1.74	0.06	26.25
1978	2.01	0.84	0.03	2.20	1.68	12.04	3.92	0.81	10.83	2.46	0.50	1.82	39.14
1979	3.93	0.83	1.55	3.69	4.28	3.23	3.52	2.53	13.77	0.41	0.28	1.02	39.04
1980	1.24	1.01	0.31	0.34	2.82	0.03	1.47	14.79	6.01	1.18	3.16	0.33	32.69
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
POR= 116 YRS	1.53	1.64	1.49	1.90	3.19	2.93	1.88	2.63	4.70	2.86	1.86	1.69	28.30

WBAN : 12924

AVERAGE TEMPERATURE (°F) 2002 CORPUS CHRISTI, TX (CRP)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1973	51.7	56.0	68.8	69.3	77.1	81.1	84.9	82.8	81.8	76.2	72.9	59.7	71.9
1974	57.9	61.5	70.7	73.6	80.9	81.0	83.8	85.3	78.5	74.0	64.2	57.5	72.4
1975	59.7	60.1	67.2	75.0	80.5	83.4	84.5	83.3	79.0	74.4	66.5	58.5	72.7
1976	56.7	64.4	68.8	73.5	74.4	81.6	81.2	83.0	81.4	67.3	57.3	54.8	70.4
1977	50.3	58.6	66.0	71.5	78.8	82.9	84.6	86.7	85.5	75.7	67.5	61.9	72.5
1978	49.2	51.7	63.9	72.3	81.0	83.5	85.6	84.9	81.9	73.2	68.8	59.1	71.3
1979	51.3	57.0	67.9	74.3	76.6	81.7	85.5	84.9	78.8	75.4	63.3	58.8	71.3
1980	60.0	58.1	67.6	69.4	77.8	83.8	85.8	83.2	82.4	71.3	59.9	57.7	71.4
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
POR= 115 YRS	56.5	59.3	65.1	71.6	76.9	81.2	83.3	83.5	80.6	73.9	65.0	58.4	71.3

HEATING DEGREE DAYS (base 65°F) 2002 CORPUS CHRISTI, TX (CRP)

YEAR	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	TOTAL
1973-74	0	0	0	0	20	204	264	151	56	13	0	0	708
1974-75	0	0	0	4	117	260	227	167	77	10	0	0	862
1975-76	0	0	0	4	107	247	275	94	45	1	0	0	773
1976-77	0	0	0	59	253	311	455	192	65	6	0	0	1341
1977-78	0	0	0	4	56	160	502	382	101	17	0	0	1222
1978-79	0	0	0	1	57	236	445	256	38	1	0	0	1034
1979-80	0	0	0	6	131	233	195	247	74	30	0	0	916
1980-81	0	0	0	43	204	254	294	221	90	0	0	0	1106
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-	0	0	0	5	108	225							

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COOLING DEGREE DAYS (base 65°F) 2002 CORPUS CHRISTI, TX (CRP)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1973	13	14	149	179	381	489	629	560	511	353	265	48	3591
1974	52	60	243	276	498	486	587	637	410	289	97	32	3667
1975	70	35	154	319	486	557	608	573	422	300	161	52	3737
1976	25	84	170	265	299	505	510	563	498	136	31	3	3089
1977	4	18	104	206	435	545	616	677	621	342	136	71	3775
1978	18	16	74	243	502	561	647	622	511	264	177	56	3691
1979	26	39	140	289	366	507	639	624	421	333	89	47	3520
1980	45	52	159	166	405	573	649	570	530	247	56	34	3486
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

SNOWFALL (inches) 2002 CORPUS CHRISTI, TX (CRP)

YEAR	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	TOTAL
1973-74	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
1974-75	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
1975-76	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
1976-77	0.0	0.0	0.0	0.0	T	0.0	0.0	0.0	0.0	0.0	0.0	0.0	T
1977-78	0.0	0.0	0.0	0.0	0.0	0.0	T	0.0	0.0	0.0	0.0	0.0	T
1978-79	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
1979-80	0.0	0.0	0.0	0.0	T	0.0	0.0	0.0	0.0	0.0	0.0	0.0	T
1980-81	0.0	0.0	0.0	0.0	0.0	0.0	T	0.0	0.0	0.0	0.0	0.0	T
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-													
POR= 56 YRS	0.0	0.0	0.0	T	T	T	0.0	0.0	T	T	T	0.0	T

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 (1961 - 1990). 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.</p>	<p>GENERAL CONTINUED: 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. 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.</p> <p>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.</p>
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2002  
CORPUS CHRISTI,  
TEXAS (CRP)

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 LOCATION

CORPUS CHRISTI, TEXAS

LOCATION	Occupied From	Occupied To	Airline Distances and Directions from previous Location	LATITUDE NORTH	LONGITUDE WEST	ELEVATION ABOVE										AUTOMATIC OBSERVING EQUIPMENT *	* TYPE M = AMOS T = AUTOB S = ASOS W = AWOS  REMARKS
						GROUND											
						SEA LEVEL	GROUND	WIND INSTRUMENT	EXTREME THERMOMETERS	PSYCHROMETER	SUNSHINE SWITCH	TIPPING GAUGE BUCKET	WEIGHING RAIN GAGE	8 INCH RAIN GAGE	HYGROMETER		
*NOTE: <u>AIRPORT</u> WB Bldg., 3.6 mi. SW of P.O., Cliff Maus Field  Tower Building International Airport 6.7 mi. WSW of Post Ofc  International Airport	10/4/55  8/8/60  12/01/95	8/7/60  12/01/95  Present	350' SW  3.5 mi. W  NA	27°46'  27°46'  27°46'	97°27'  97°30'  97°31'	41  43 d41  g0	25  23 a23  g0	6  19  g0	5  19  g0	Unk  Unk b14  g0	3  17  g0	  f18  g0	3  17  g0	  c4 e4  S	  a. Minor adjustment 9/16/60. b. Effective 9/16/60. c. Commissioned 1500' S of thermometer siet 2/1/64. d. Effective 2/1/64. e. Type change 4/10/80. f. Installed 6/1/80.  ASOS Commissioned 12/01/95  g. Ground Elevation		

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\* NOTES: For earlier station history see previous editions.