

2000

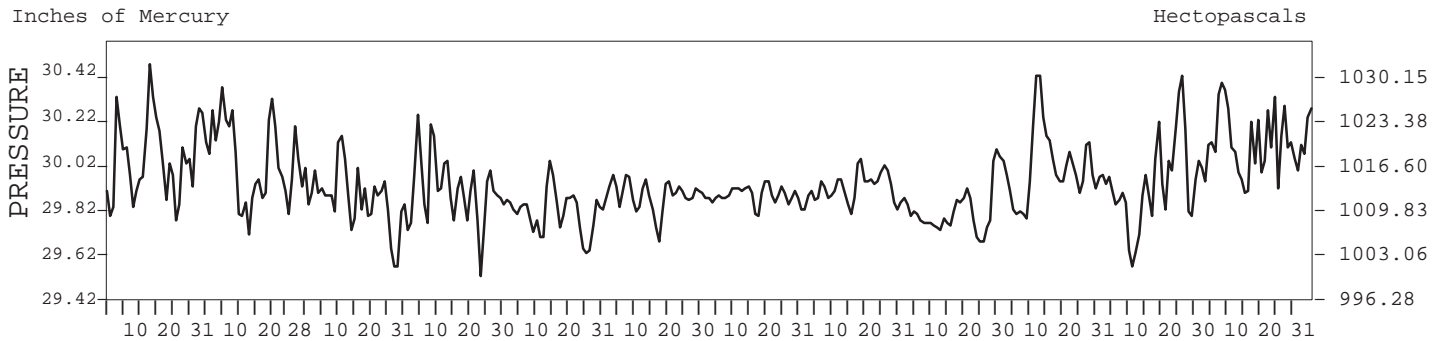
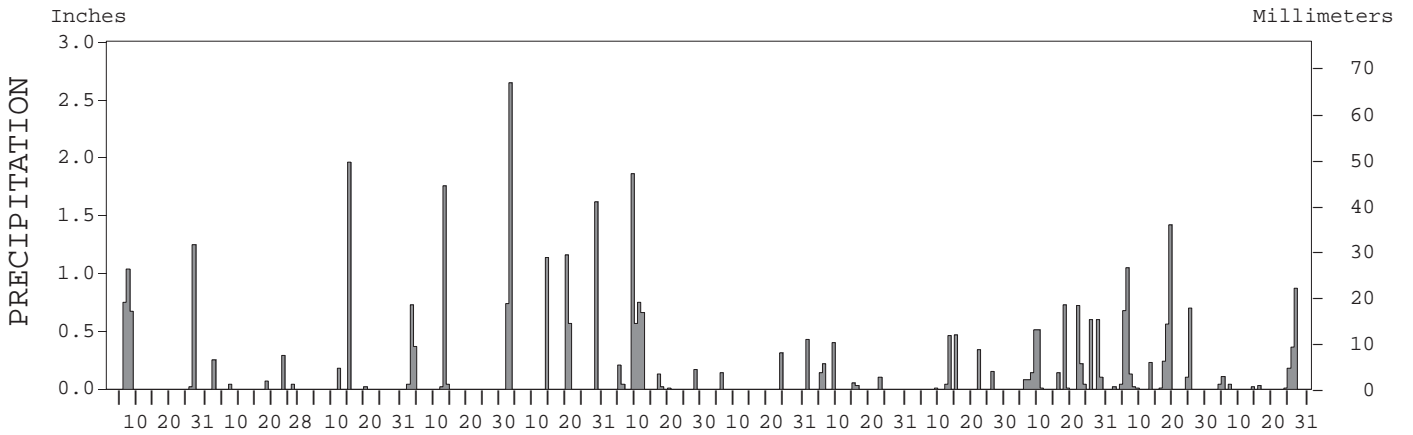
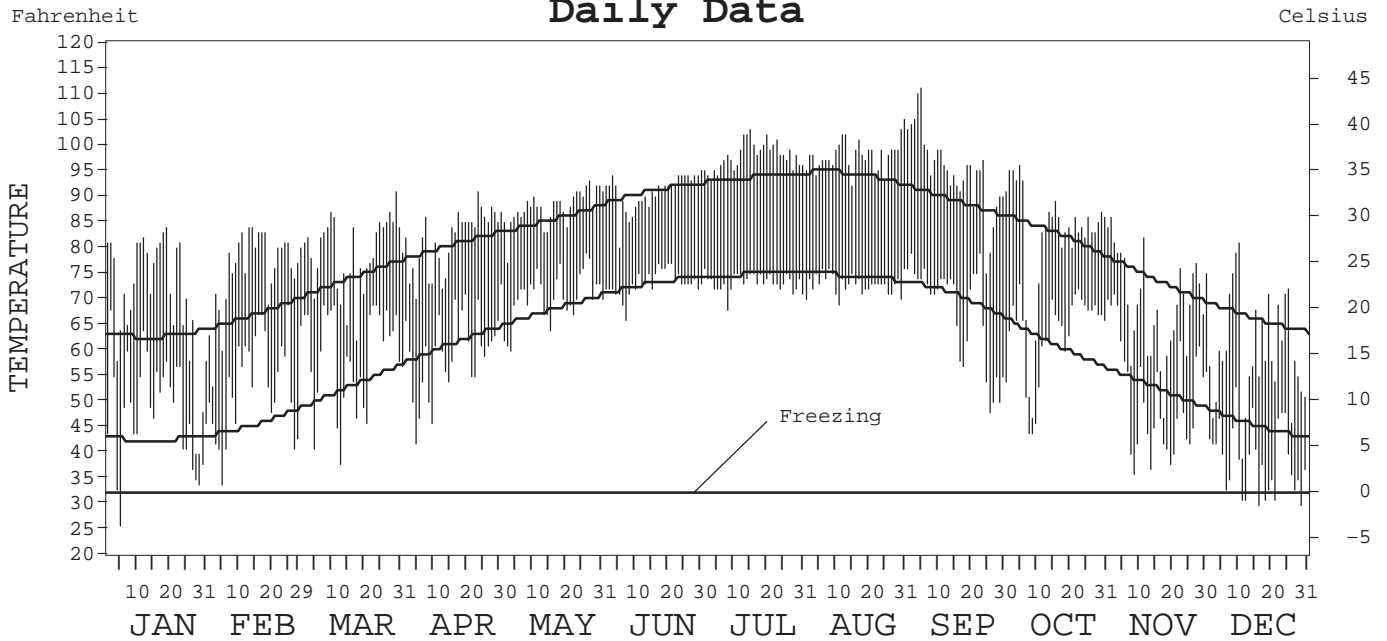
LOCAL CLIMATOLOGICAL DATA
ANNUAL SUMMARY WITH COMPARATIVE DATA



ISSN 0198-5205

VICTORIA,
TEXAS (VCT)

Daily Data



I CERTIFY THAT THIS IS AN OFFICIAL PUBLICATION OF THE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION, AND IS COMPILED FROM RECORDS ON FILE AT THE NATIONAL CLIMATIC DATA CENTER.

Thomas R. Karl

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 2000

VICTORIA, TX (VCT)

LATITUDE: 28° 51' 45" N LONGITUDE: 96° 55' 47" W ELEVATION (FT): GRND: 104 BARO: 104 TIME ZONE: CENTRAL (UTC + 6) WBAN: 12912

ELEMENT		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR	
TEMPERATURE °F	MEAN DAILY MAXIMUM	70.3	75.8	79.1	81.7	87.9	90.8	97.8	97.9	94.9	82.2	69.2	60.5	82.3	
	HIGHEST DAILY MAXIMUM	84	84	91	91	93	95	103	105	111	96	86	81	111	
	DATE OF OCCURRENCE	19	14+	29	23	27	30	15	31	05	05	02	11	SEP 05	
	MEAN DAILY MINIMUM	48.5	53.6	59.0	59.7	70.5	73.2	73.3	72.9	67.6	63.3	51.1	39.3	61.0	
	LOWEST DAILY MINIMUM	26	34	38	42	60	66	68	69	48	44	36	30	26	
	DATE OF OCCURRENCE	05	05	12	04	03	07	08	11	26	09+	09	30+	JAN 05	
	AVERAGE DRY BULB	59.4	64.7	69.1	70.7	79.2	82.0	85.6	85.4	81.3	72.8	60.2	49.9	71.7	
	MEAN WET BULB	53.8	59.0	63.6		74.2		75.3	75.6	70.8		56.5	46.2		
	MEAN DEW POINT	48.4	55.3	60.4		72.1		71.5	72.0	65.7		54.0	41.9		
	NUMBER OF DAYS WITH:														
	MAXIMUM ≥ 90°	0	0	1	1	10	21	31	31	25	6	0	0	0	126
	MAXIMUM ≤ 32°	0	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	6	7	7
MINIMUM ≤ 0°	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
H/C	HEATING DEGREE DAYS	217	97	51	21	0	0	0	1	55	205	463	1110		
	COOLING DEGREE DAYS	51	95	183	200	449	518	644	496	304	64	2	3649		
RH	MEAN (PERCENT)	73	77	79	76	83	80	71	72	67	82	83	78	77	
	HOUR 00 LST	82	89	91	89	95	95	91	90	84	93	90	86	90	
	HOUR 06 LST	85	91	92	93	96	96	96	96	91	95	94	89	93	
	HOUR 12 LST	58	61	61	58	66	61	43	47	42	64	69	64	58	
	HOUR 18 LST	65	65	67	61	73	69	51	51	51	75	80	73	65	
S	PERCENT POSSIBLE SUNSHINE														
W/O	NUMBER OF DAYS WITH:														
	HEAVY FOG (VISBY ≤ 1/4 MI)	9	5	3	4	3	1	1	2	0	4	2	4	38	
	THUNDERSTORMS	2	0	7	5	7	6	5	9	4	5	7	1	58	
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.)	30.04	30.02	29.86	29.89	29.80	29.87	29.87	29.90	29.81	29.99	29.93	30.11	29.92	
	MEAN SEA-LEVEL PRESS. (IN.)	30.14	30.12	29.96		29.90		29.97	30.00	29.92		30.04	30.22		
WINDS	RESULTANT SPEED (MPH)	2.0	5.8	4.0	2.5	2.6	1.8	2.5	0.9	1.6	3.2	2.7	4.6	2.2	
	RES. DIR. (TENS OF DEGS.)	10	15	12	12	12	16	13	13	09	14	05	03	11	
	MEAN SPEED (MPH)	10.5	10.8	11.2	10.0	11.5	9.6	8.9	7.7	8.9	9.0	9.4	9.8	9.8	
	PREVAIL. DIR. (TENS OF DEGS.)	18	17	13	16	16	17	17	15	05	13	03	01	17	
	MAXIMUM 2-MINUTE WIND:														
	SPEED (MPH)	33	30	32	35	33	32	31	29	29	31	31	35	35	
	DIR. (TENS OF DEGS.)	18	16	15	32	02	15	30	22	01	02	31	20	20	
	DATE OF OCCURRENCE	03+	25+	07+	12	13+	09	23	15+	25+	07	24	20	DEC 20	
	MAXIMUM 5-SECOND WIND:														
	SPEED (MPH)	40	37	39	41	44	38	43	38	36	40	40	41	44	
DIR. (TENS OF DEGS.)	17	16	17	33	02	14	05	16	20	02	30	20	02		
DATE OF OCCURRENCE	03+	24+	07	12	13+	09+	24	08	12	07	24	20	MAY 13+		
PRECIPITATION	WATER EQUIVALENT:														
	TOTAL (IN.)	3.73	0.69	2.16	2.96	7.88	4.42	0.88	0.94	1.47	4.49	5.21	1.93	36.76	
	GREATEST 24-HOUR (IN.)	1.27	0.29	1.96	1.78	2.65	1.91	0.43	0.40	0.47	0.93	1.43	0.87	2.65	
	DATE OF OCCURRENCE	26-27	23	14	11-12	02	08-09	31	08	14	21-22	17-18	26	MAY 02	
	NUMBER OF DAYS WITH:														
	PRECIPITATION ≥ 0.01	5	5	3	6	6	10	3	6	6	15	14	10	89	
PRECIPITATION ≥ 0.10	4	2	2	3	6	7	3	4	4	10	9	5	59		
PRECIPITATION ≥ 1.00	2	0	1	1	4	1	0	0	0	0	2	0	11		
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															

HEATING DEGREE DAYS (base 65°F) 2000 VICTORIA, TX (VCT)

YEAR	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	TOTAL
1971-72	0	0	2	0	96	152	270	229	50	2	0	0	801
1972-73	0	0	0	14	264	376	476	301	20	64	0	0	1515
1973-74	0	0	0	0	26	254	310	183	70	17	0	0	860
1974-75	0	0	0	7	155	286	244	206	92	14	0	0	1004
1975-76	0	0	0	6	165	316	364	120	95	2	0	0	1068
1976-77	0	0	0	111	325	398	585	246	82	8	0	0	1755
1977-78	0	0	0	8	86	261	620	467	166	23	1	0	1632
1978-79	0	0	0	3	121	349	591	352	79	13	6	0	1514
1979-80	0	0	0	20	243	329	299	309	135	39	0	0	1374
1980-81	0	0	0	59	231	303	362	272	120	2	0	0	1349
1981-82	0	0	0	46	64	284	375	337	126	47	0	0	1279
1982-83	0	0	0	21	155	270	390	274	151	60	0	0	1321
1983-84	0	0	3	12	99	580	451	230	88	14	0	0	1477
1984-85	0	0	8	6	139	123	544	358	60	5	0	0	1243
1985-86	0	0	4	6	69	385	275	183	67	3	0	0	992
1986-87	0	0	0	12	162	353	360	207	148	64	0	0	1306
1987-88	0	0	0	2	148	243	462	288	144	31	0	0	1318
1988-89	0	0	0	0	91	252	211	335	172	37	0	0	1098
1989-90	0	0	0	28	109	584	206	133	100	23	1	0	1184
1990-91	0	0	0	32	73	349	408	186	61	4	0	0	1113
1991-92	0	0	0	18	204	239	353	133	67	24	0	0	1038
1992-93	0	0	0	0	202	206	330	206	101	26	0	0	1071
1993-94	0	0	0	61	227	267	288	266	110	25	5	0	1249
1994-95	0	0	0	14	48	232	303	153	155	19	0	0	924
1995-96	0	0	6	3	114	281	373	259	258	50	0	0	1344
1996-97	0	0	0	14	119	238	437	247	54	59	0	0	1168
1997-98	0	0	0	43	222	390	220	225	179	26	0	0	1305
1998-99	0	0	0	5	68	355	262	115	91	23	0	0	919
1999-00	0	0	0	38	71	283	217	97	51	21	0	0	778
2000-	0	0	1	55	205	463							

WBAN : 12912

COOLING DEGREE DAYS (base 65°F) 2000 VICTORIA, TX (VCT)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1971	70	35	104	172	380	540	630	548	452	303	78	58	3370
1972	58	28	134	299	350	519	562	582	541	285	37	13	3408
1973	3	10	109	138	358	477	638	556	476	313	201	15	3294
1974	20	38	207	225	458	494	613	594	346	271	75	17	3358
1975	61	19	118	223	421	535	597	591	401	240	116	29	3351
1976	7	54	107	186	263	478	505	550	414	88	16	1	2669
1977	4	8	74	144	376	517	599	625	551	259	89	37	3283
1978	10	8	39	177	428	528	622	598	476	205	118	23	3232
1979	7	18	78	190	277	476	563	559	362	266	28	5	2829
1980	15	24	73	114	383	582	684	599	526	202	41	29	3272
1981	0	32	35	268	333	523	595	576	421	285	83	18	3169
1982	40	13	140	191	344	552	655	661	513	244	93	41	3487
1983	7	0	36	126	323	479	557	598	393	238	112	20	2889
1984	1	21	95	219	363	524	632	602	413	332	74	128	3404
1985	4	15	117	204	422	517	581	667	493	287	146	12	3465
1986	6	66	67	269	350	516	626	609	530	214	96	8	3357
1987	4	4	29	170	395	485	589	649	475	204	79	34	3117
1988	3	32	76	166	326	493	634	679	506	298	179	32	3424
1989	45	47	121	220	504	523	603	599	418	270	116	1	3467
1990	32	28	69	195	432	616	575	638	499	216	117	47	3464
1991	0	18	97	280	409	523	595	608	415	309	46	49	3349
1992	0	37	106	202	315	568	636	567	506	291	51	35	3314
1993	8	13	80	121	291	494	618	655	508	279	39	31	3137
1994	21	42	67	195	354	555	635	566	412	287	138	53	3325
1995	24	21	95	144	409	462	632	610	498	232	61	56	3244
1996	9	73	41	184	509	543	631	573	434	261	87	47	3392
1997	35	19	82	80	293	481	616	618	464	214	24	2	2928
1998	28	7	60	105	446	637	697	637	528	271	73	45	3534
1999	36	58	75	223	382	483	520	630	419	231	77	17	3151
2000	51	95	183	200	449	518	644	643	496	304	64	2	3649

SNOWFALL (inches) 2000 VICTORIA, TX (VCT)

YEAR	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	TOTAL
1971-72	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
1972-73	0.0	0.0	0.0	0.0	0.0	0.0	1.2	1.0	0.0	0.0	0.0	0.0	2.2
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	T	0.0	0.0	0.0	0.0	0.0	T
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	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2
1977-78	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
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	T	0.0	0.0	0.0	0.0	0.0	T
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	0.0	T	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	2.1	T	0.0	0.0	0.0	0.0	2.1
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	T	0.0	0.0	0.0	0.0	0.0	T
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	T	0.0	0.0	0.0	0.0	0.0	0.0	T
1991-92	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
1992-93	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	T	0.0	T
1993-94	0.0	0.0	0.0	0.0	0.0	0.0	0.0	T	0.0	0.0	0.0	0.0	T
1994-95	0.0	T	0.0	0.0	0.0	0.0	0.0	0.0	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	T
1996-97													
1997-98													
1998-99													
1999-00													
2000-													
POR= 34 YRS	0.0	T	0.0	0.0	0.0	T	0.1	0.0	T	0.0	T	0.0	0.1

WBAN : 12912

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>
---	--

2000 VICTORIA, TEXAS (VCT)

The city of Victoria is located in the south-central Texas Coastal Plain. The climate is classified as humid subtropical. Summers are hot with about 100 days with temperatures of 90 degrees or above. However, pleasant sea breezes from the nearby Gulf of Mexico make the high temperatures bearable.

Spring is characterized by mild days, brisk winds, and occasional showers and thunderstorms. Strong southeast winds begin in March, diminish in April and May, and become pleasant sea breezes in the first half of June. Thunderstorm activity increases through March and April, reaching a peak in May. Considerable cloudiness is the rule, with almost 50 percent of the days in the spring having overcast or nearly overcast skies.

The sea breeze diminishes during the summer, and at times fails altogether, and some hot nights are experienced in late June, July, and early August. High summer humidity gives way to clear, drier air in late August. Nighttime temperatures drop to pleasant levels. Thunderstorms continue, and lawns and fields remain green.

The first norther usually arrives near the beginning of fall, in late September. October and November are ideal fall months with long periods of clear days with mild temperatures and cool nights. The amount of rainfall decreases.

The winter season weather conditions alternate between clear, cold, dry periods and cloudy, mild, drizzly days as fronts move down from the north. The temperature drops below 32 degrees on an average of about a dozen mornings per year.

The normal rainfall of about 36 inches is well distributed throughout the year, with the heaviest falls coming during the growing season. Some of the smaller streams dry up in the late summer, and during occasional periods of general drought some of the larger streams may reach pool stage.

The area is subject to occasional tropical disturbances during summer and fall. Destructive winds and torrential rains may occur in these storms. Approximately 50 days per year have thunderstorms, but hail is infrequent. Destructive storms with tornados are rare.

STATION LOCATION

VICTORIA, 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	RAINING GAUGE	WEIGHING RAIN GAGE	8 INCH RAIN GAGE	HYGROMETER			
<p>*NOTE:</p> <p>AIRPORT</p> <p>Terminal Building Victoria Regional AP + + Also known as Foster Field.</p> <p>Nat. Weather Svc. Bldg. Victoria Regional AP</p> <p>Victoria Regional AP</p>	6/14/61	3/3/80	12 mi. NE	28°51'	97°55'	104	32 a20	5	5	c4	4	3	b5	<p>a. Moved about 330' NE 4/8/64. b. Commissioned 1200' N of thermometer site 4/10/64. c. Added 8/3/77.</p> <p>d. Not moved 3/3/80. e. Type change 6/26/85.</p> <p>ASOS Commission 12/01/95</p>			
<p>SUBSCRIPTION: Price and ordering information available through : National ClimaticDataCenter, Federal building, Asheville, North Carolina 28801.</p> <p style="text-align: center;">INQUIRIES/COMMENTS CALL: Toll Free (866) 742-3322</p>																	

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE \$300
CHANGE SERVICE REQUESTED

FIRST CLASS
POSTAGE & FEES PAID
United States Department of Commerce
NOAA Permit No. G - 19

NCDC Subscription Services Center
310 State Route 956 Building 300
Rocket Center, WV 26726

* NOTES: For earlier station history see previous edition.