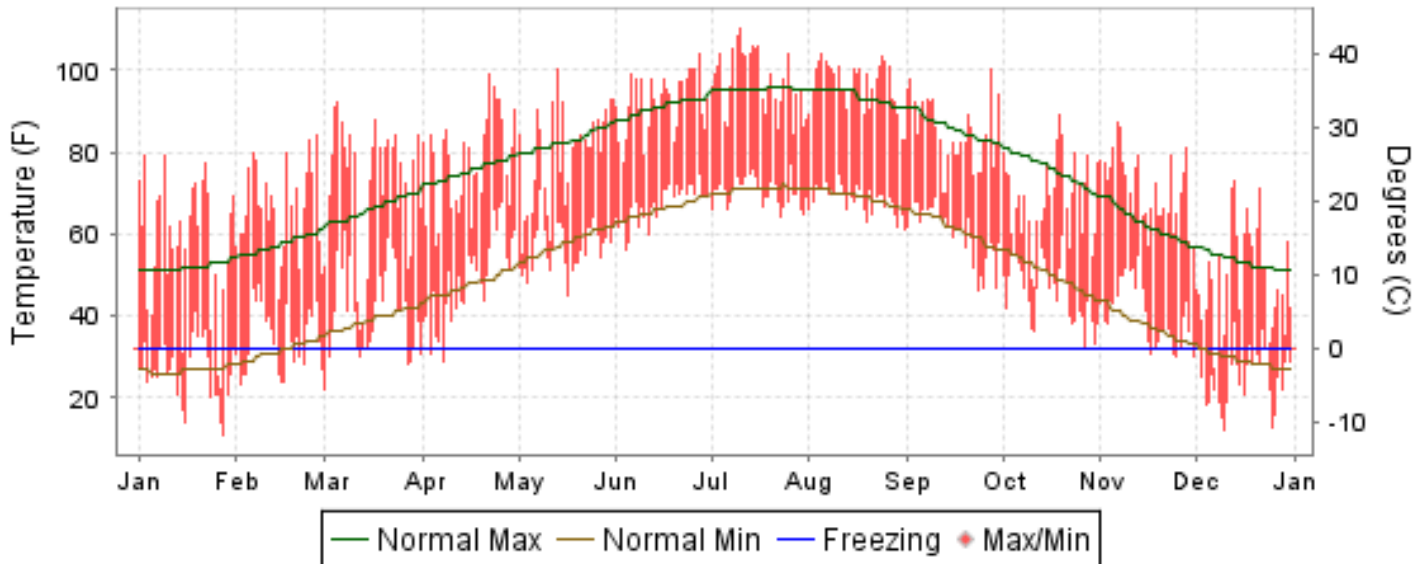


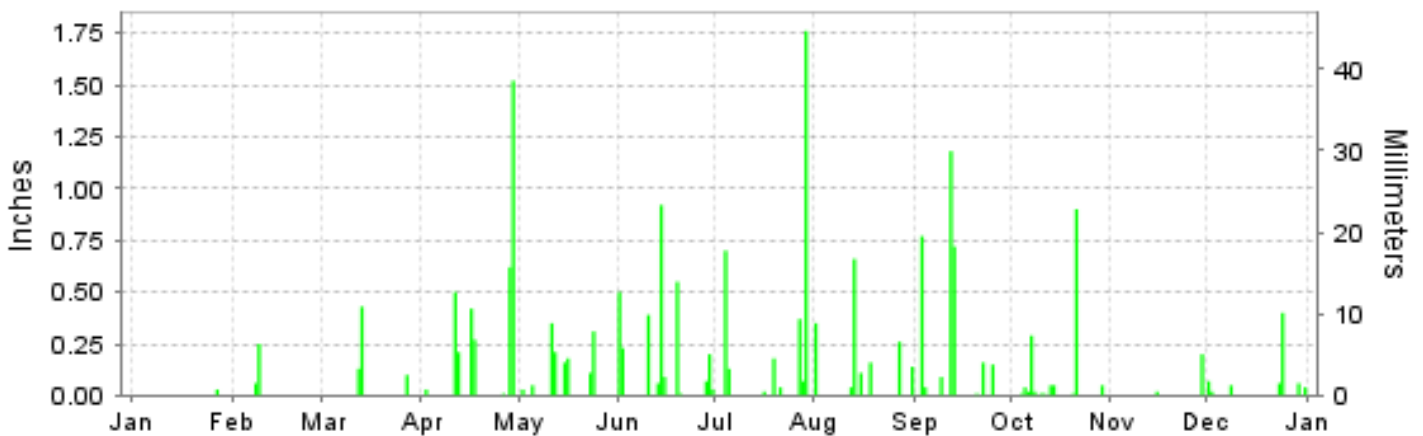
2009 LOCAL CLIMATOLOGICAL DATA ANNUAL SUMMARY WITH COMPARATIVE DATA

CHILDRESS, TEXAS (KCDS)

Daily Max/Min Temperature



Daily Precipitation



Daily Station Pressure



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.

NATIONAL
OCEANIC AND
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NATIONAL
ENVIRONMENTAL SATELLITE, DATA
AND INFORMATION SERVICE

NATIONAL
CLIMATIC DATA CENTER
ASHEVILLE, NORTH CAROLINA

Thomas R. Karl
DIRECTOR
NATIONAL CLIMATIC DATA CENTER

METEOROLOGICAL DATA FOR 2009

CHILDRESS (KCDs)

LATITUDE: 34° 26'N LONGITUDE: -100° 17'W ELEVATION (FT): GRND: 1947 BARO: 1953 TIME ZONE: CENTRAL (UTC -6) WBAN: 23007

ELEMENT		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR	
TEMPERATURE °F	MEAN DAILY MAXIMUM	57.8	66.0	71.8	77.9	79.5	92.2	97.2	96.3	84.6	68.5	70.8	49.4	76.0	
	HIGHEST DAILY MAXIMUM	79	84	92	99	100	104	110	104	100	89	87	73	110	
	DATE OF OCCURRENCE	09+	26	05	22	13	27	10	05	27	19	06	13	JUL 10	
	MEAN DAILY MINIMUM	26.6	34.5	41.2	48.9	56.8	67.3	70.3	68.6	60.2	45.6	40.5	25.3	48.8	
	LOWEST DAILY MINIMUM	11	23	22	29	45	56	64	61	46	32	30	12	11	
	DATE OF OCCURRENCE	28	02	01	07	17	04	23	31	23	27	30+	10	JAN 28	
	AVERAGE DRY BULB	42.2	50.3	56.5	63.4	68.2	79.8	83.8	82.5	72.4	57.1	55.7	37.4	62.4	
	MEAN WET BULB	31.5		44.4	50.8	59.0	67.8	68.9	68.3	62.2	50.3	45.6	31.2		
	MEAN DEW POINT	15.6		31.2	38.3	52.6	61.3	61.2	60.6	56.2	43.9	35.8	22.7		
	NUMBER OF DAYS WITH:														
	MAXIMUM >= 90°	0	0	2	5	7	21	24	26	9	0	0	0	0	94
	MAXIMUM <= 32°	3	0	0	0	0	0	0	0	0	0	0	2	5	
MINIMUM <= 32°	24	12	10	2	0	0	0	0	0	1	6	27	82		
MINIMUM <= 0°	0	0	0	0	0	0	0	0	0	0	0	0	0		
H/C	HEATING DEGREE DAYS	698	404	298	136	62	0	0	0	8	252	279	848	2985	
	COOLING DEGREE DAYS	0	0	43	92	166	450	586	551	237	13	6	0	2144	
RH	MEAN (PERCENT)	42	41	47	49	63	58	51	52	63	68	56	61	54	
	HOUR 00 LST	48	49	54	57	71	68	58	58	72	76	66	69	62	
	HOUR 06 LST	53	60	63	68	80	77	74	76	83	81	73	74	72	
	HOUR 12 LST	32	31	38	38	52	47	39	40	47	56	42	51	43	
	HOUR 18 LST	30	25	31	33	48	41	35	33	45	58	44	52	40	
S	PERCENT POSSIBLE SUNSHINE														
W/O	NUMBER OF DAYS WITH:														
	HEAVY FOG(VISBY <= 1/4 MI)	0	0	2	1	1	1	1	0	2	5	5	1	19	
	THUNDERSTORMS	0	0	0	7	4	8	6	6	4	1	0	0	36	
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.)	28.04	28.01	27.90	27.86	27.92	27.84	27.94	27.96	27.99	27.91	28.02	28.00	27.95	
	MEAN SEA-LEVEL PRESS. (IN.)	30.12	30.03	29.94	29.86	29.93	29.81	29.91	29.93	29.99	29.94	30.06	30.08	29.97	
WINDS	RESULTANT SPEED (MPH)	3.3		2.6	2.1	3.4	4.9	4.7	4.3	0.8	1.1	1.6	2.5		
	RES. DIR. (TENS OF DEGS.)	33		19	20	10	17	18	16	08	10	23	31		
	MEAN SPEED (MPH)	10.4	12.3	12.3	14.5	9.6	9.5	8.7	8.6	8.0	9.7	8.9	9.4	10.2	
	PREVAIL.DIR.(TENS OF DEGS.)	01	19	19	34	14	16	19	17	18	17	17	36	16	
	MAXIMUM 2-MINUTE WIND														
	SPEED (MPH)	41	45	43	47	47	44	53	44	29	32	31	45	53	
	DIR. (TENS OF DEGS.)	01	01	34	28	22	31	29	32	35	01	35	34	29	
	DATE OF OCCURRENCE	09	21	30	09	12	01	29	18	21	25	23	24	JUL 29	
	MAXIMUM 3-SECOND WIND:														
	SPEED (MPH)	49	54	52	62	60	52	43	61	37	39	40	56	62	
DIR. (TENS OF DEGS.)	02	01	33	28	22	33	35	32	18	02	36	35	28		
DATE OF OCCURRENCE	09	21	30	09	12	01	28	18	30	25	23	24	APR 09		
PRECIPITATION	WATER EQUIVALENT:														
	TOTAL (IN.)	0.03	0.31	0.66	3.58	1.40	3.05	3.27	1.72	3.12	1.46	0.22	0.70	19.52	
	GREATEST 24-HOUR (IN.)	0.03	0.31	0.43	2.14	0.42	0.92	1.77	0.66	1.38	0.90	0.20	0.40	2.14	
	DATE OF OCCURRENCE	27	08-09	13	28-29	23-24	14	28-29	13	12-13	21	29	24	APR 28-29	
	NUMBER OF DAYS WITH:														
	PRECIPITATION 0.01	1	2	3	8	8	11	8	7	8	12	2	7	77	
PRECIPITATION 0.10	0	1	3	6	6	6	5	6	5	2	1	1	42		
PRECIPITATION 1.00	0	0	0	1	0	0	0	1	0	0	0	0	3		
SNOWFALL	SNOW,ICE PELLETS,HAIL														
	TOTAL (IN.)														
	GREATEST 24-HOUR (IN.)														
	DATE OF OCCURRENCE														
	NUMBER OF DAYS WITH:														
SNOWFALL >= 1.0															

NORMALS, MEANS, AND EXTREMES CHILDRESS (KCDS)

LATITUDE: 34 ° 26'N LONGITUDE: -100 ° 17'W ELEVATION (FT): GRND: 1947 BARO: 1953 TIME ZONE: CENTRAL (UTC -6) WBAN: 23007

	ELEMENT	POR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
TEMPERATURE °F	NORMAL DAILY MAXIMUM	30	51.9	57.5	66.3	75.4	82.8	91.0	95.3	93.6	86.0	75.8	62.6	53.4	74.3
	MEAN DAILY MAXIMUM	62	52.6	57.2	65.5	75.7	83.1	91.3	95.4	94.0	86.1	76.0	63.5	54.4	74.6
	HIGHEST DAILY MAXIMUM	62	87	93	100	102	111	117	111	111	108	103	93	91	117
	YEAR OF OCCURRENCE		2006	1979	1971	1959	2000	1994	1980	1964	1951	1979	2005	1999	JUN 1994
	MEAN OF EXTREME MAXS.	62	76.0	80.8	87.9	93.9	98.7	102.6	104.1	103.2	98.7	92.9	83.1	76.9	91.6
	NORMAL DAILY MINIMUM	30	26.8	31.6	39.1	47.6	57.7	66.1	70.8	69.1	61.5	50.2	37.9	29.2	49.0
	MEAN DAILY MINIMUM	62	26.9	31.0	38.1	48.1	57.9	66.6	70.8	69.2	61.5	49.9	37.8	29.4	48.9
	LOWEST DAILY MINIMUM	62	-3	-5	2	23	34	48	55	55	34	21	9	-5	-5
	YEAR OF OCCURRENCE		1966	1986	1948	1975	1954	1955	2005	1966	1984	1993	2006	1989	DEC 1989
	MEAN OF EXTREME MINS.	62	11.0	14.7	21.2	32.5	44.9	56.6	63.3	61.6	47.2	34.8	22.6	14.3	35.4
	NORMAL DRY BULB	30	39.4	44.6	52.7	61.5	70.3	78.6	83.1	81.4	73.8	63.0	50.3	41.3	61.7
	MEAN DRY BULB	62	39.8	44.1	51.8	61.9	70.5	79.0	83.1	81.7	73.8	63.0	50.6	41.9	61.8
	MEAN WET BULB	13	33.6	37.9	43.8	50.7	60.7	67.3	69.4	69.0	62.8	53.9	43.4	34.1	52.2
	MEAN DEW POINT	13	20.4	21.3	31.1	37.3	46.8	53.6	54.6	54.9	49.1	40.9	29.0	22.0	38.4
	NORMAL NO. DAYS WITH:														
	MAXIMUM >= 90	30	0.0	0.1	0.8	2.8	7.3	18.1	26.2	23.4	13.2	2.4	0.0	0.0	94.3
MAXIMUM <= 32	30	3.4	1.9	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	2.3	8.1	
MINIMUM <= 32	30	24.1	16.1	7.4	1.3	0.0	0.0	0.0	0.0	0.0	0.6	8.9	21.0	79.4	
MINIMUM <= 0	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	
H/C	NORMAL HEATING DEG. DAYS	30	796	578	382	158	35	3	0	0	18	117	446	736	3269
	NORMAL COOLING DEG. DAYS	30	0	0	1	53	198	409	559	506	281	55	3	0	2065
RH	NORMAL (PERCENT)	30													
	hour 00 LST	30													
	hour 06 LST	30													
	hour 12 LST	30													
	hour 18 LST	30													
S	PERCENT POSSIBLE SUNSHINE														
W/O	MEAN NO. DAYS WITH:														
	HEAVY FOG(VISBY <= 1/4 MI) THUNDERSTORMS	54 54	3.1 0.1	3.6 0.3	3.4 1.1	2.5 2.0	2.3 3.5	1.2 4.3	0.8 3.3	1.5 3.2	1.8 2.4	3.1 1.3	3.0 0.5	2.7 0.3	29.0 22.3
CLOUDNESS	MEAN:														
	SUNRISE-SUNSET (OKTAS)														
	MIDNIGHT-MIDNIGHT (OKTAS)														
	MEAN NO. DAYS WITH:														
	CLEAR														
	PARTLY CLOUDY														
	CLOUDY														
PR	MEAN STATION PRESSURE(IN)	13	27.96	27.92	27.93	27.88	28.05	28.06	27.87	27.95	27.95	27.97	28.18	28.02	27.98
	MEAN SEA-LEVEL PRES. (IN)	13	30.12	30.07	29.99	29.93	29.87	29.86	29.92	29.93	29.95	30.01	30.07	30.10	29.99
WINDS	MEAN SPEED (MPH)	13	10.3	11.1	12.1	13.2	12.0	12.0	10.0	8.6	9.0	10.0	9.9	10.0	10.7
	PREVAIL.DIR(TENS OF DEGS)	1	01	19	19	34	14	16	19	17	18	17	17	36	16
	MAXIMUM 2-MINUTE:														
	SPEED (MPH)	13	49	49	54	62	60	58	54	44	47	44	45	45	62
	DIR. (TENS OF DEGS)		35	31	26	24	35	33	34	32	20	22	33	34	24
	YEAR OF OCCURRENCE		2008	2007	2000	2006	2006	2004	1998	2009	2002	2000	2006	2009	APR 2006
	MAXIMUM 3-SECOND														
	SPEED (MPH)	12	62	63	64	72	76	70	63	61	64	48	56	56	76
DIR. (TENS OF DEGS)		35	30	26	24	36	34	34	32	30	01	33	35	36	
YEAR OF OCCURRENCE		2008	2007	2000	2006	2006	2004	1998	2009	2007	1996	2006	2009	MAY 2006	
PRECIPITATION	NORMAL (IN)	30	0.57	0.95	1.41	2.01	3.46	3.51	2.05	2.19	2.51	2.07	1.06	0.86	22.65
	MAXIMUM MONTHLY (IN)	62	3.53	3.36	4.97	8.72	8.16	9.84	6.80	7.95	6.94	9.91	6.72	3.92	9.91
	YEAR OF OCCURRENCE		1949	1997	2007	1997	1991	1995	1962	1995	1995	1983	2004	1959	OCT 1983
	MINIMUM MONTHLY (IN)	62	0.01	0.01	0.01	0.01	0.01	0.11	0.02	0.01	0.08	0.01	0.01	0.02	0.01
	YEAR OF OCCURRENCE		1971	1996	1997	1960	2004	1953	1998	1998	1984	2001	1995	1950	MAY 2004
	MAXIMUM IN 24 HOURS (IN)	62	2.17	1.97	2.92	2.88	3.25	4.46	4.56	4.53	5.16	5.32	2.28	2.04	5.32
	YEAR OF OCCURRENCE		1968	1997	2004	1957	1980	1995	1962	1995	2008	1983	1992	1959	OCT 1983
	NORMAL NO. DAYS WITH:														
	PRECIPITATION >= 0.01	30	3.6	4.0	4.6	5.8	8.6	8.2	5.5	6.3	6.2	5.3	4.7	4.2	67.0
PRECIPITATION >= 1.00	30	0.0	0.0	0.3	0.5	1.0	0.9	0.4	0.4	0.8	0.4	0.2	0.1	5.0	
SNOWFALL	NORMAL (IN)	30	2.5	1.9	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.1	1.2	2.2	8.5
	MAXIMUM MONTHLY (IN)	55	10.3	13.4	12.0	2.4	0.0	0.0	0.0	0.0	0.0	3.3	6.7	15.2	15.2
	YEAR OF OCCURRENCE		1960	1968	1969	1993	1948	1948	1948	1948	1948	1991	1980	1971	DEC 1971
	MAXIMUM IN 24 HOURS (IN)	55	8.3	7.0	8.0	2.4	0.0	0.0	0.0	0.0	0.0	1.8	5.5	11.0	11.0
	YEAR OF OCCURRENCE		1987	1958	1968	1993	1948	1948	1948	1948	1948	1991	1992	1971	DEC 1971
	MAXIMUM SNOW DEPTH (IN)	55	57	33	15	1	0	0	0	0	0	2	7	30	57
	YEAR OF OCCURRENCE		1966	1986	1969	1973	1948	1948	1948	1948	1948	1991	1991	1971	JAN 1966
	NORMAL NO. DAYS WITH:														
SNOWFALL >= 1.0	30	0.9	0.8	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.4	0.6	3.1	

PRECIPITATION (inches) 2009 CHILDRESS (KCDS)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1980	0.74	0.57	0.61	1.18	5.84	0.45	0.00	0.62	3.19	0.21	0.93	0.93	15.27
1981	0.13	0.43	1.57	3.17	3.22	2.18	2.58	2.15	1.15	4.18	1.07	0.14	21.97
1982	0.15	0.58	1.33	0.54	4.84	4.17	5.81	1.42	1.47	0.12	1.67	1.34	23.44
1983	0.92	1.54	2.30	0.95	1.31	2.42	0.26	0.15	0.20	9.91	1.67	0.29	21.92
1984	0.06	0.86	0.66	0.69	0.73	3.32	1.07	3.76	0.08	0.56	1.97	3.46	17.22
1985	0.67	0.92	2.22	1.94	1.39	7.54	1.90	1.59	2.49	3.04	1.14	0.33	25.17
1986	0.00	1.21	0.13	1.33	2.48	2.60	3.16	3.14	3.29	6.24	1.25	1.07	25.90
1987	0.80	2.97	1.29	0.10	4.83	3.17	2.16	2.10	2.54	1.07	0.31	1.21	22.55
1988	0.60	0.05	1.59	2.80	0.35	5.87	1.79	0.79	6.72	0.03	0.55	1.18	22.32
1989	0.78	1.03	1.27	0.75	8.14	5.09	0.38	3.36	4.39	0.07	0.00	0.33	25.59
1990	0.77	2.41	1.72	2.21	2.93	0.62	2.16	1.23	1.40	1.15	2.78	0.51	19.89
1991	1.63	0.03	0.39	1.00	8.16	6.60	1.91	2.63	5.24	1.86	1.12	3.70	34.27
1992	1.03	1.70	0.70	2.94	2.18	5.93	1.18	1.23	0.68	0.03	4.29	1.13	23.02
1993	1.70	1.28	0.88	2.27	4.02	0.96	1.21	1.54	0.58	0.64	0.29	0.63	16.00
1994	0.35	0.85	2.16	2.49	2.19	1.12	2.02	1.05	1.40	2.25	1.19	0.31	17.38
1995	0.48	0.00	1.41	1.96	6.77	9.84	2.03	7.95	6.94	0.89	0.01	0.80	39.08
1996	0.02	0.01	0.43	0.00	2.97	3.45	6.54	5.05	3.95	1.69	2.47	0.00	26.58
1997	0.36	3.36	0.01	8.72	3.71	3.89	1.81	4.82	2.99	2.18	0.51	2.67	35.03
1998	1.09	3.32	3.24	0.62	2.21	0.33	0.02	0.01	0.46	3.57	0.56	0.12	15.55
1999	1.72	0.15	2.14	4.00	6.61	3.52	0.57	2.01	1.04	0.95	0.00	0.69	23.40
2000	0.07	0.31	4.95	3.11	0.38	8.27	0.75	0.00	0.00	3.06	1.48	0.50	22.88
2001	0.97	1.65	0.61	0.09	6.90	0.38	0.45	7.23	1.38	0.01	2.99	0.02	22.68
2002	1.26	1.12	0.69	0.99	1.17	5.08	4.15	1.54	1.42	4.24	0.65	1.40	23.71
2003	0.00	0.18	0.63	2.04	1.60	7.30	0.27	0.21	0.99	0.77	0.78	0.04	14.81
2004	1.95	2.03	3.77	3.61	0.01	8.04	1.29	4.21	1.11	3.56	6.72	0.42	36.72
2005	1.70	0.79	0.70	0.72	2.69	0.66	1.16	1.90	3.04	1.02	0.00	0.04	14.42
2006	0.02	0.12	2.38	0.83	2.73	0.70	1.25	5.33	3.47	4.90	0.67	2.69	25.09
2007	1.11	0.16	4.97	2.03	3.12	5.07	1.26	2.44	0.84	0.34	0.04	1.17	22.55
2008	0.02	0.58	0.63	1.85	2.35	3.24	0.85	5.30	6.77	5.13	0.06	0.00	26.78
2009	0.03	0.31	0.66	3.58	1.40	3.05	3.27	1.72	3.12	1.46	0.22	0.70	19.52
POR= 62 YRS	0.66	0.89	1.29	1.85	3.32	3.24	1.95	2.26	2.33	2.07	0.96	0.79	21.61

WBAN : 23007

AVERAGE TEMPERATURE (°F) 2009 CHILDRESS (KCDS)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1980	39.7	42.5	50.1	59.8	69.5	83.0	88.7	85.4	75.8	63.2	49.9	44.8	62.7
1981	42.3	45.1	53.0	66.2	68.8	80.6	84.9	79.8	74.9	61.4	53.0	42.7	62.7
1982	37.8	39.4	51.3	59.1	68.3	73.3	81.9	82.9	75.3	61.8	48.7	41.7	60.1
1983	38.4	41.9	50.1	55.4	66.9	73.8	84.6	86.6	77.4	64.4	52.8	27.7	60.0
1984	36.5	45.9	48.6	57.7	70.9	80.8	82.6	81.7	71.1	59.9	51.0	43.8	60.9
1985	35.3	39.2	53.0	63.6	72.4	76.6	82.0	83.6	74.1	61.3	46.6	36.6	60.4
1986	44.7	45.4	55.8	64.0	69.9	78.1	84.1	80.4	73.4	60.4	46.8	41.6	62.1
1987	37.2	45.5	48.5	60.0	70.1	75.5	79.8	79.7	72.5	61.9	51.4	39.6	60.1
1988	34.7	41.1	51.0	59.7	70.1	79.3	80.6	82.4	72.5	61.7	52.9	44.5	60.9
1989	45.5	34.9	54.7	64.1	70.7	74.3	82.1	79.6	69.8	65.4	52.8	35.0	60.7
1990	45.8	46.6	52.5	60.6	70.2	84.2	80.5	82.0	77.3	62.5	54.2	37.6	62.8
1991	36.8	50.3	55.2	65.1	73.0	78.0	82.3	79.7	69.9	62.5	45.8	44.1	61.9
1992	42.3	50.1	56.0	62.7	67.9	75.6	82.1	77.9	75.2	65.4	47.8	42.2	62.1
1993	36.8	40.7	50.7	59.8	68.3	79.6	86.0	82.2	73.6	60.4	46.3	44.5	60.7
1994	40.3	40.7	54.4	62.4	69.4	84.3	83.1	82.2	74.5	64.4	51.7	45.4	62.7
1995	43.9	48.0	51.5	60.5	66.6	74.8	83.2	81.8	71.2	63.2	54.0	42.0	61.7
1996	39.2	47.9	48.4	62.6	77.7	80.5	82.5	79.6	70.7	61.5	48.6	45.3	62.0
1997	40.2	43.0	55.1	55.0	67.6	75.9	82.5	79.7	74.9	62.2	47.4	40.3	60.3
1998	43.6	45.1	48.7	60.0	75.5	84.3	87.5	82.3	80.1	65.5	54.0	42.4	64.1
1999	43.1	52.3	50.8	62.4	69.2	77.6	83.3	84.4	72.1	63.4	57.6	45.1	63.4
2000	43.5	51.2	55.1	62.1	75.4	75.6	83.5	85.6	77.5	64.1	44.7	34.3	62.7
2001	39.2	42.7	49.1	66.5	72.0	81.9	88.2	81.1	72.4	62.5	54.6	44.2	62.9
2002	44.1	43.5	49.1	62.8	70.4	78.5	80.5	83.0	74.5	57.0	49.6	42.6	61.3
2003	40.5	41.0	52.1	63.8	71.9	75.5	84.1	83.4	72.0	65.3	51.7	45.9	62.3
2004	43.0	41.7	57.8	61.7	74.2	77.1	80.5	77.8	73.9	64.9	50.2	44.7	62.3
2005	42.7	47.8	52.2	61.4	69.4	80.0	81.8	79.9	76.7	64.1	54.6	42.3	62.7
2006	50.2	44.9	55.8	68.2	74.1	81.3	85.3	83.0	69.6	62.2	52.5	42.4	64.1
2007	37.1	43.2	58.5	57.3	69.1	75.9	79.8	82.1	76.1	66.3	52.4	40.8	61.6
2008	42.0	46.5	54.7	62.7	72.8	83.4	83.3	80.4	71.0	62.2	52.9	42.7	62.9
2009	42.2	50.3	56.5	63.4	68.2	79.8	83.8	82.5	72.4	57.1	55.7	37.4	62.4
POR= 62 YRS	39.8	44.1	51.8	61.9	70.5	79.0	83.1	81.7	73.8	63.0	50.6	41.9	61.8

HEATING DEGREE DAYS (base 65°F) 2009 CHILDRESS (KCDS)

YEAR	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	TOTAL
1988-89			9	133	365	629							
1989-90	0	0	63	98		926	597	836	372	137	30	0	
1990-91	0	0	4	130	332	844	585	507	392	181	70	0	3045
1991-92	0	0	43	169	570	641	865	406	311	62	18	1	3086
1992-93	0	0	0	85	516	700	697	428	276	121	53	0	2876
1993-94	0	3	12	204	554	630	866	672	438	188	50	0	3617
1994-95	0	0	13	111	413	598	758	675	346	162	39	0	3115
1995-96	0	0	59	94	328	706	647	472	438	186	51	3	2984
1996-97	0				484			510	515	138	0	0	
1997-98	0	1	1	179	521	761	766	608	317	306	31	0	3491
1998-99	0	0	4	75	324	691	657	552	525	135	2	5	2970
1999-00	0	0	34	104	221	611	669	350	435	139	37	0	2600
2000-01	0	0	25	120	604	942	660	394	311	132	27	2	3217
2001-02	0	0	9	119	321	638	793	619	487	61	6	0	3053
2002-03	0	0	3	274	462	688	639	598	492	153	29	0	3338
2003-04	0	0	5	82	404	586	751	666	408	116	13	0	3031
2004-05	0	0	0	72	435	622	675	668	261	141	20	0	2894
2005-06	0	0	3	123	330	697	684	472	397	137	71	0	2914
2006-07	0	0	13	162	371	695	451	560	309	56	18	0	2635
2007-08	0	0	0	95	375	743	857	605	222	251	16	0	3164
2008-09	0	0	3	135	363	683	698	404	298	136	62	0	2782
2009-	0	0	8	252	279	848							

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COOLING DEGREE DAYS (base 65°F) 2009 CHILDRESS (KCDS)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
1988									243	39	6	0	
1989	0	0	59	120	213	285	535	461	213	116		0	
1990	0	0	11	55	239	581	487	530	380	60	16	0	2359
1991	0	0	15	71	273	395	542	463	194	96	0	0	2049
1992	0	0	5	58	150	324	540	409	314	105	5	0	1910
1993	0	0	0	34	158	443	655	542	276	70	0	0	2178
1994	0	0	26	91	184	586	567	538	304	101	18	0	2415
1995	0	4	32	56	105	307	571	531	251	45	3	0	1905
1996		19	5	72	405	471	552				1		
1997	3	0	18	15	119	336	548	464	255	99	0	0	1857
1998	0	0	28	24	334	591	682	540	467	100	0	0	2766
1999	0	1	2	68	173	385	575	608	253	63	4	0	2132
2000	0	1	12	52	353	327	581	650	407	100	0	0	2483
2001	0	0	0	112	229	515	724	517	239	50	13	0	2399
2002	0	0	5	92	204	413	489	562	295	31	6	0	2097
2003	0	0	15	86	234	322	598	576	221	100	12	0	2164
2004	0	0	44	50	313	371	489	405	277	76	0	0	2025
2005	0	0	6	37	216	456	528	470	363	101	23	0	2200
2006	0	2	32	160	305	494	636	562	156	84	1	0	2432
2007	0	0	27	27	150	334	469	540	342	139	5	0	2033
2008	3	0	23	85	276	558	578	482	193	54	4	0	2256
2009	0	0	43	92	166	450	586	551	237	13	6	0	2144

SNOWFALL (inches) 2009 CHILDRESS (KCDS)

YEAR	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	TOTAL
1975-76	0.0	0.0	0.0	0.0	0.0	7.5	1.0	5.1	1.2	0.0	0.0	0.0	14.8
1976-77	0.0	0.0	0.0	0.0	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.0
1977-78	0.0	0.0	0.0	0.0	0.0	0.0	1.8	2.5	0.0	0.0	0.0	0.0	4.3
1978-79	0.0	0.0	0.0	0.0	0.0	0.5	3.4	7.0	0.7	0.0	0.0	0.0	11.6
1979-80	0.0	0.0	0.0	0.0	0.0	1.4	1.4	6.7	0.0	0.0	0.0	0.0	9.5
1980-81	0.0	0.0	0.0	0.0	6.7	0.0	0.0	6.2	0.0	0.0	0.0	0.0	12.9
1981-82	0.0	0.0	0.0	0.0	0.0	0.0	1.1	0.0	0.0	0.0	0.0	0.0	1.1
1982-83	0.0	0.0	0.0	0.0	0.0	0.4	0.0	2.9	0.0	0.0	0.0	0.0	3.3
1983-84	0.0	0.0	0.0	0.0	0.0	3.9	2.8	3.0	0.0	1.0	0.0	0.0	10.7
1984-85	0.0	0.0	0.0	0.0	0.0	3.0	1.8	0.0	0.0	0.0	0.0	0.0	4.8
1985-86	0.0	0.0	0.0	0.0	0.0	2.0	1.6	1.9	0.0	0.0	0.0	0.0	5.5
1986-87	0.0	0.0	0.0	0.0	0.0	3.0	0.0	6.8	0.0	0.0	0.0	0.0	9.8
1987-88	0.0	0.0	0.0	0.0	0.0	4.1	8.6	1.6	0.0	0.0	0.0	0.0	14.3
1988-89	0.0	0.0	0.0	0.0	4.8	0.7	5.0	0.0	0.5	0.0	0.0	0.0	11.0
1989-90	0.0	0.0	0.0	0.0	0.0	3.0	0.4	0.0	1.5	0.0	0.0	0.0	4.9
1990-91	0.0	0.0	0.0	0.0	0.0	2.7	0.0	0.8	0.0	0.0	0.0	0.0	3.5
1991-92	0.0	0.0	0.0	3.3	0.0	2.0	1.0	0.0	0.0	0.0	0.0	0.0	6.3
1992-93	0.0	0.0	0.0	0.0	6.0	4.0	4.7	0.0	0.0	0.0	0.0	0.0	14.7
1993-94	0.0	0.0	0.0	0.0	0.0	0.0	2.1	0.0	0.7	2.4	0.0	0.0	5.2
1994-95	0.0	0.0	0.0	0.0	0.0	0.0	4.8	0.1	3.0	0.0	0.0	0.0	7.9
1995-96	0.0	0.0	0.0	0.0	0.0	0.0	1.1	0.0	1.4	0.0	0.0	0.0	2.5
1996-97	0.0	0.0					0.2	0.4	0.0	0.0	0.0	0.0	
1999-00	0.0	0.0	0.0	0.0	0.0	0.0			0.0	0.0	0.0	0.0	
2000-01	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
2001-02	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
2002-03	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
2003-04	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
2004-05	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
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
2008-09													
POR= 56 YRS	0.0	0.0	0.0	0.1	0.7	1.7	1.9	1.8	0.8	0.1	0.0	0.0	7.1

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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 METADATA SYSTEM", URL IS: https://mi3.ncdc.noaa.gov/mi3qry/login.cfm</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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**2009
CHILDRESS
TEXAS (KCDS)**

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