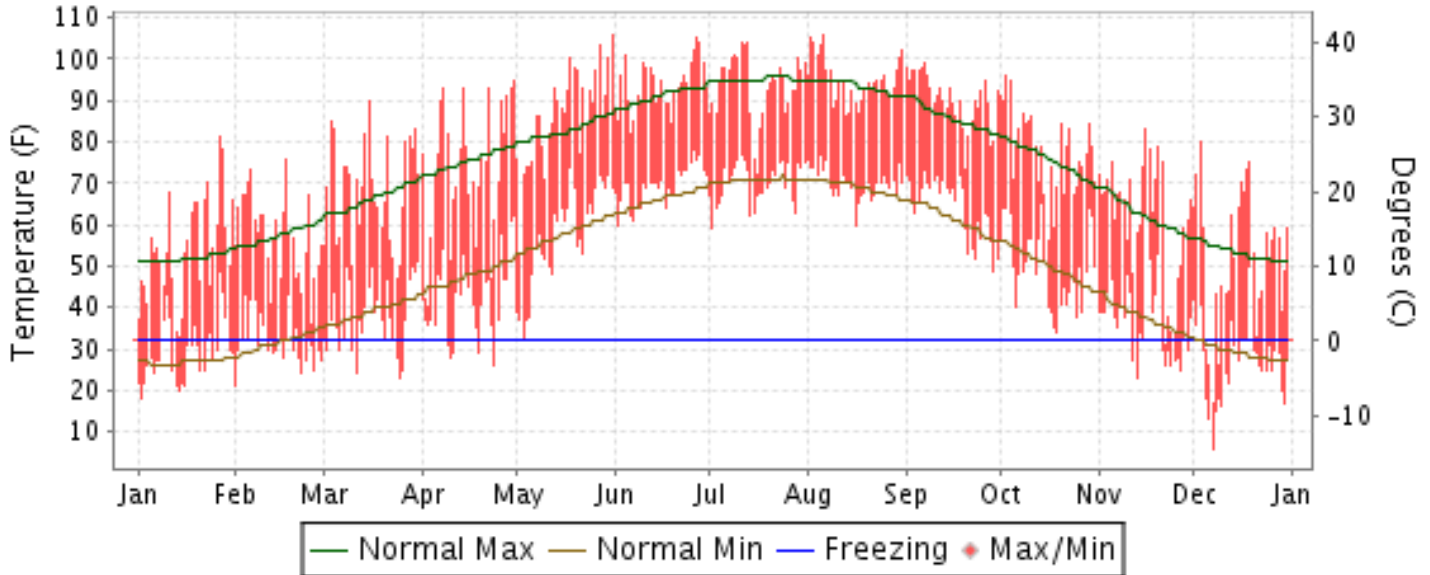


# 2013 LOCAL CLIMATOLOGICAL DATA ANNUAL SUMMARY WITH COMPARATIVE DATA

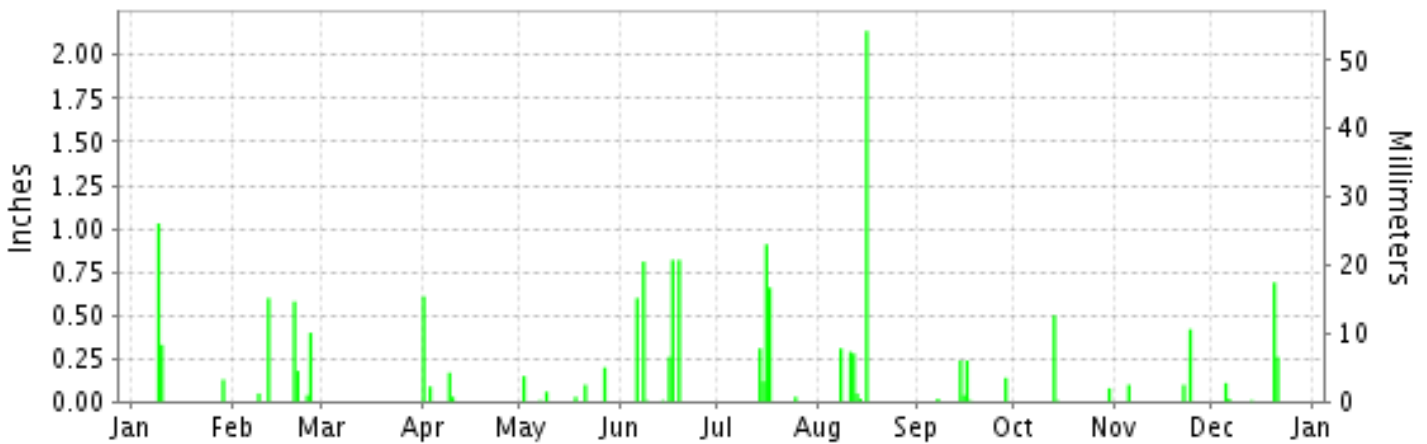
ISSN 2155-921X

## CHILDRESS, TEXAS (KCDS)

### Daily Max/Min Temperature



### Daily Precipitation



### Daily Station Pressure



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NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

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 2013

## CHILDRESS (KCDS)

LATITUDE: 34° 25'N      LONGITUDE: 100° 16'W      ELEVATION (FT): GRND: 1951 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	54.1	57.0	68.2	73.3	86.3	93.6	93.4	94.8	90.2	77.7	61.7	52.0	75.2	
	HIGHEST DAILY MAXIMUM	81	76	90	95	106	105	104	106	99	96	83	80	106	
	DATE OF OCCURRENCE	27	17	15	30	31	27	13+	06	07	03	16	03	AUG 06	
	MEAN DAILY MINIMUM	29.5	32.1	38.0	42.4	57.4	69.5	70.2	70.1	64.4	49.6	37.0	27.0	48.9	
	LOWEST DAILY MINIMUM	18	21	23	26	32	60	59	60	49	34	23	6	6	
	DATE OF OCCURRENCE	02	01	25	24	03	02	02	16	29	19	13	07	DEC 07	
	AVERAGE DRY BULB	41.8	44.6	53.1	57.9	71.9	81.5	81.8	82.5	77.3	63.6	49.3	39.5	62.1	
	MEAN WET BULB	34.6		42.8	47.1	58.5	67.1	67.4	68.7	64.1	53.2	41.2	31.9		
	MEAN DEW POINT	25.7		30.2	36.8	47.7	59.0	58.9	61.2	56.0	43.7	31.8	23.4		
	NUMBER OF DAYS WITH:														
	MAXIMUM >= 90°	0	0	1	8	13	22	21	26	18	4	0	0	0	113
	MAXIMUM <= 32°	0	0	0	0	0	0	0	0	0	0	1	4	5	5
MINIMUM <= 32°	23	16	8	5	1	0	0	0	0	0	11	26	90	90	
MINIMUM <= 0°	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
H/C	HEATING DEGREE DAYS	711	566	365	270	64	0	0	0	0	126	472	782	3356	
	COOLING DEGREE DAYS	0	0	4	65	282	502	529	549	375	92	9	0	2407	
RH	MEAN (PERCENT)	59	57	47	52	48	50	50	53	52	53	57	61	53	
	HOUR 00 LST	66	61	54	63	58	56	57	59	59	61	64	67	60	
	HOUR 06 LST	74	74	67	70	70	70	69	73	71	71	71	74	71	
	HOUR 12 LST	48	49	35	42	38	43	41	42	40	42	44	52	43	
	HOUR 18 LST	44	41	29	36	30	33	36	36	37	38	46	51	38	
W/O	NUMBER OF DAYS WITH:														
	HEAVY FOG(VISBY <= 1/4 MI)	0	1	0	0	1	0	1	1	0	1	2	2	9	
	THUNDERSTORMS	1	4	1	3	5	6	0	5	6	1	1	0	33	
PR	MEAN STATION PRESS. (IN.)	28.07		27.96	27.88	27.88	27.89	27.96	27.97	27.94	27.96	28.11	28.06		
	MEAN SEA-LEVEL PRESS. (IN.)	30.15	29.99	30.00	29.90	29.87	29.86	29.94	29.95	29.92	29.97	30.17	30.14	29.99	
WINDS	RESULTANT SPEED (MPH)	1.7		0.8	1.7	3.9	8.0	5.6	4.9	4.3	2.4	1.8	1.4		
	RES. DIR. (TENS OF DEGS.)	30		12	11	18	17	17	17	15	17	18	30		
	MEAN SPEED (MPH)	9.1		11.5	13.6	13.0	12.3	9.8	8.4	8.0	10.6	11.0	9.9		
	PREVAIL.DIR.(TENS OF DEGS.)	36	34	15	17	18	18	18	18	17	17	18	01	18	
	MAXIMUM 2-MINUTE WIND														
	SPEED (MPH)	33	43	41	39	44	48	33	30	28	33	37	36	48	
	DIR. (TENS OF DEGS.)	26	34	35	36	22	34	14	05	35	01	36	01	34	
	DATE OF OCCURRENCE	29	25	10	23	27	17	14	16	28	04	21	29	JUN 17	
	MAXIMUM 3-SECOND WIND:														
SPEED (MPH)	43	52	52	49	54	63	44	51	37	40	47	45	63		
DIR. (TENS OF DEGS.)	27	36	35	36	22	33	03	05	34	36	24	36	33		
DATE OF OCCURRENCE	29	24	10	22	27	17	26	16	28	05	16	29	JUN 17		
PRECIPITATION	WATER EQUIVALENT:														
	TOTAL (IN.)	1.49	1.85	T	0.90	0.55	3.33	2.03	3.09	0.69	0.59	0.62	1.09	16.23	
	GREATEST 24-HOUR (IN.)	1.36	0.64	T	0.61	0.20	1.08	1.00	2.14	0.25	0.50	0.42	0.95	2.14	
	DATE OF OCCURRENCE	09-10	20-21	29+	01	27	16-17	15-16	16	16-17	13	24	20-21	AUG 16	
	NUMBER OF DAYS WITH:														
PRECIPITATION 0.01	3	6	0	4	6	7	5	6	6	3	3	5	54		
PRECIPITATION 0.10	3	4	0	2	3	5	4	4	3	1	3	3	35		
PRECIPITATION 1.00	1	0	0	0	0	0	0	1	0	0	0	0	2		
SNOWFALL	SNOW,ICE PELLETS,HAIL														
	TOTAL (IN.)											4.2	2.3		
	GREATEST 24-HOUR (IN.)											4.0	2.0		
	DATE OF OCCURRENCE											24	05		
	MAXIMUM SNOW DEPTH (IN.)											4	2		
	DATE OF OCCURRENCE											24	05		
NUMBER OF DAYS WITH:															
SNOWFALL >= 1.0											1	1			

# NORMALS, MEANS, AND EXTREMES CHILDRESS (KCDS)

**LATITUDE:** 34° 25'N      **LONGITUDE:** 100° 16'W      **ELEVATION (FT):** GRND: 1951 BARO: 1953      **TIME ZONE:** CENTRAL (UTC -6)      **WBAN: 23007**

	ELEMENT	POR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR	
<b>TEMPERATURE °F</b>	NORMAL DAILY MAXIMUM	30	54.6	58.2	67.3	76.5	84.1	91.6	95.9	94.7	87.0	76.3	64.8	54.6	75.5	
	MEAN DAILY MAXIMUM	66	52.7	57.1	65.8	75.9	83.4	91.6	95.5	94.3	86.3	76.1	63.6	54.4	74.7	
	HIGHEST DAILY MAXIMUM	66	87	93	100	106	111	117	111	111	108	103	93	91	117	
	YEAR OF OCCURRENCE		2006	1979	1971	2012	2000	2011	1980	2011	1951	1979	2005	1999	1999	JUN 2011
	MEAN OF EXTREME MAXS.	66	76.2	80.7	88.2	94.2	99.0	103.0	104.2	103.5	98.9	93.0	83.2	77.3	91.8	
	NORMAL DAILY MINIMUM	30	28.3	32.1	39.7	48.1	58.4	66.4	70.8	69.4	61.4	49.9	38.5	29.4	49.4	
	MEAN DAILY MINIMUM	66	27.0	31.0	38.3	48.2	58.0	66.8	70.9	69.4	61.5	49.9	37.8	29.4	49.0	
	LOWEST DAILY MINIMUM	66	-3	-5	2	23	32	48	55	52	34	21	9	-5	-5	
	YEAR OF OCCURRENCE		1966	1986	1948	1975	2013	1955	2005	2010	1984	1993	2006	1989	1989	DEC 1989
	MEAN OF EXTREME MINS.	66	11.2	14.8	21.5	32.6	44.7	57.0	63.4	61.5	47.5	34.7	22.7	14.3	35.5	
	NORMAL DRY BULB	30	41.5	45.1	53.5	62.3	71.2	79.0	83.3	82.1	74.2	63.1	51.6	42.0	62.4	
	MEAN DRY BULB	66	39.9	44.1	52.1	62.0	70.7	79.3	83.2	81.9	73.9	63.1	50.8	41.9	61.9	
	MEAN WET BULB	17	31.4	36.2	41.6	49.2	57.6	65.3	67.4	66.8	60.8	51.2	40.9	31.8	50.0	
	MEAN DEW POINT	17	23.6	23.5	34.5	40.2	49.7	57.0	58.0	58.1	52.3	43.6	32.1	24.9	41.5	
	NORMAL NO. DAYS WITH:															
	MAXIMUM >= 90	30	0.0	0.1	0.9	3.6	8.8	18.1	26.6	24.2	12.1	2.3	0.2	0.0	96.9	
MAXIMUM <= 32	30	1.8	1.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	1.8	4.9		
MINIMUM <= 32	30	21.5	13.1	5.8	0.5	0.0	0.0	0.0	0.0	0.0	0.4	6.7	19.2	67.2		
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	0.1	0.1		
<b>H/C</b>	NORMAL HEATING DEG. DAYS	30	730	557	375	153	27	2	0	0	17	135	408	713	3117	
	NORMAL COOLING DEG. DAYS	30	0	1	18	72	221	421	569	529	293	76	7	0	2207	
<b>RH</b>	NORMAL (PERCENT)	30														
	hour 00 LST	30														
	hour 06 LST	30														
	hour 12 LST	30														
	hour 18 LST	30														
<b>S</b>	PERCENT POSSIBLE SUNSHINE															
<b>W/O</b>	MEAN NO. DAYS WITH:															
	HEAVY FOG(VISBY <= 1/4 MI) THUNDERSTORMS	58 58	3.0 0.1	3.6 0.4	3.3 1.2	2.4 2.0	2.2 3.5	1.1 4.4	0.8 3.3	1.4 3.3	1.7 2.5	2.9 1.4	2.8 0.5	2.7 0.3	27.9 22.9	
<b>CLOUDINESS</b>	MEAN:															
	SUNRISE-SUNSET (OKTAS)															
	MIDNIGHT-MIDNIGHT (OKTAS)															
	MEAN NO. DAYS WITH:															
	CLEAR															
	PARTLY CLOUDY															
	CLOUDY															
<b>PR</b>	MEAN STATION PRESSURE(IN)	17	27.98	27.93	27.93	27.87	28.00	28.01	27.88	27.94	27.95	27.97	28.15	28.02	27.97	
	MEAN SEA-LEVEL PRES. (IN)	17	30.12	30.07	29.98	29.91	29.86	29.85	29.91	29.92	29.95	30.01	30.07	30.10	29.98	
<b>WINDS</b>	MEAN SPEED (MPH)	17	10.1	11.0	12.1	13.2	12.1	12.1	9.8	8.5	8.9	9.9	10.0	9.9	10.6	
	PREVAIL.DIR(TENS OF DEGS)	5	01	36	17	17	17	17	18	18	18	17	19	36	17	
	MAXIMUM 2-MINUTE:															
	SPEED (MPH)	17	56	49	54	62	60	58	54	44	47	44	45	47	62	
	DIR. (TENS OF DEGS)		32	31	26	24	35	33	34	32	20	22	33	36	24	
	YEAR OF OCCURRENCE		2012	2007	2000	2006	2006	2004	1998	2009	2002	2000	2006	2011	APR 2006	
	MAXIMUM 3-SECOND															
SPEED (MPH)	16	67	63	64	72	76	70	70	61	64	51	56	61	76		
DIR. (TENS OF DEGS)		32	30	26	24	36	34	36	32	30	01	33	36	36		
YEAR OF OCCURRENCE		2012	2007	2000	2006	2006	2004	2010	2009	2007	2011	2006	2011	MAY 2006		
<b>PRECIPITATION</b>	NORMAL (IN)	30	0.73	1.05	1.53	2.12	3.14	3.95	1.95	2.62	2.42	2.25	1.25	0.91	23.92	
	MAXIMUM MONTHLY (IN)	66	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)	66	0.01	0.01	T	0.01	0.01	0.11	0.02	0.01	0.08	0.01	0.01	0.01	0.01	
	YEAR OF OCCURRENCE		1971	1996	2013	1960	2004	1953	1998	1998	1984	2001	1995	2010	DEC 2010	
	MAXIMUM IN 24 HOURS (IN)	66	2.17	1.97	2.92	3.04	3.25	4.46	4.56	4.53	5.16	5.32	2.38	2.04	5.32	
	YEAR OF OCCURRENCE		1968	1997	2004	2010	1980	1995	1962	1995	2008	1983	2011	1959	OCT 1983	
	NORMAL NO. DAYS WITH:															
PRECIPITATION >= 0.01	30	3.5	4.6	5.3	5.9	8.0	8.7	5.5	6.6	6.1	6.1	4.6	4.1	69.0		
PRECIPITATION >= 1.00	30	0.1	0.1	0.3	0.5	1.0	0.9	0.5	0.7	0.6	0.5	0.2	0.1	5.5		
<b>SNOWFALL</b>	NORMAL (IN)	30	2.7	1.1	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.2	0.7	1.7	7.0	
	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	0.8	0.4	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.7	2.5		

**PRECIPITATION (inches) 2013 CHILDRESS (KCDS)**

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
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
2010	1.41	1.44	0.42	6.36	1.68	3.58	5.47	1.19	1.56	2.49	0.94	0.01	26.55
2011	0.09	0.39	0.03	0.02	0.90	0.42	1.79	0.16	0.68	3.23	2.96	1.30	11.97
2012	0.03	0.50	2.23	1.81	1.36	4.81	0.62	3.00	2.34	0.02	0.08	0.37	17.17
2013	1.49	1.85	T	0.90	0.55	3.33	2.03	3.09	0.69	0.59	0.62	1.09	16.23
POR= 66 YRS	0.66	0.90	1.26	1.87	3.19	3.23	1.98	2.24	2.27	2.04	0.97	0.78	21.39

WBAN : 23007

**AVERAGE TEMPERATURE (°F) 2013 CHILDRESS (KCDS)**

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
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
2010	38.5	39.3	52.7	63.1	70.9	82.7	81.1	83.6	77.3	65.7	52.3	43.8	62.6
2011	39.1	43.2	55.9	67.1	73.3	88.8	90.3	90.9	74.6	64.2	52.4	41.4	65.1
2012	46.3	44.9	61.2	68.8	76.5	82.3	86.6	83.2	74.5	62.0	56.5	44.3	65.6
2013	41.8	44.6	53.1	57.9	71.9	81.5	81.8	82.5	77.3	63.6	49.3	39.5	62.1
POR= 66 YRS	39.9	44.1	52.1	62.0	70.7	79.3	83.2	81.9	73.9	63.1	50.8	42.0	61.9

**HEATING DEGREE DAYS (base 65°F) 2013 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
2009-10	0	0	8	252	279	848	814	713	397	129	37	0	3477
2010-11	0	0	0	57	375	653	793	611	298	73	40	0	2900
2011-12	0	0	7	112	373	725	571	575	182	38	10	0	2593
2012-13	0	0	11	168	282	641	711	566	365	270	64	0	3078
2013-	0	0	0	126	472	782							

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**COOLING DEGREE DAYS (base 65°F) 2013 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
2010	0	0	21	81	225	538	505	584	373	85	3	0	2415
2011	0	6	25	146	304	721	793	809	304	95	2	0	3205
2012	0	0	73	158	373	526	678	568	305	85	32	3	2801
2013	0	0	4	65	282	502	529	549	375	92	9	0	2407

**SNOWFALL (inches) 2013 CHILDRESS (KCDS)**

YEAR	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	TOTAL
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
2006-07													
2007-08													
2008-09													
2013-	0.0				4.2	2.3							
POR= 57 YRS	0.0	0.0	0.0	0.1	0.8	1.8	1.9	1.7	0.8	0.1	0.0	0.0	7.2

WBAN : 23007

**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: <a href="http://www.ncdc.noaa.gov/homr/">http://www.ncdc.noaa.gov/homr/</a> SNOWFALL STOPPED MONTH &amp; YEAR INDICATED ABOVE. NO FURTHER YEARS INCLUDED UNLESS RESTARTED.</p> <p><b>NOTE:</b> 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>
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**2013  
CHILDRESS  
TEXAS (KCDS)**

NO NARRATIVE AT THIS TIME

# Station History

CHILDRESS, TX

NAME	Begin Date	End Date	Latitude	Longitude	Elevation Feet	Relocation	Platform
CHILDRESS	1933-01-01	1940-02-28	34° 25'	-100° 12'			AIRWAYS
CHILDRESS MUNICIPAL AP	1995-07-01	1996-06-29	34° 25'	-100° 16'	1951		COOP, WXSVC
CHILDRESS MUNICIPAL AP	1996-07-31	2009-02-19	34° 25'	-100° 16'	1951		AIRWAYS, ASOS, COOP
CHILDRESS MUNICIPAL AP	1982-01-01	1988-04-01	34° 25'	-100° 16'	1951		AIRWAYS, COOP
CHILDRESS MUNICIPAL AP	1988-04-01	1995-07-01	34° 25'	-100° 16'	1951		COOP, WXSVC
CHILDRESS MUNICIPAL AP	1996-06-29	1996-07-31	34° 25'	-100° 16'	1951		COOP, WXSVC
CHILDRESS AAF	1943-02-01	1945-11-30	34° 25'	-100° 16'			MILITARY
CHILDRESS MUNICIPAL AP	1946-12-01	1982-01-01	34° 25'	-100° 16'	1955		AIRWAYS, COOP
CHILDRESS MUNICIPAL AP	2009-02-19	Present	34° 25'	-100° 16'	1951		AIRWAYS, ASOS, COOP

# Element History

Element	Begin Date	End Date	Frequency	Time Of Observation	Equipment *	Equipment * Modifications	Equipment Exposure
TEMP	1988-04-01	1995-07-01	DAILY	2400	MXMN		
PRECIP	1995-07-01	1996-07-31	HOURLY	2400	F&P	RCRD	
TEMP	1996-07-31	2009-02-19	DAILY	2400	HYGR		
TEMP	2009-02-19	2009-04-07	DAILY	2400	HYGR		
TEMP	2011-10-20	Present	DAILY	2400	ATEMP		
TEMP	1946-12-01	1975-08-01	DAILY	2400			
TEMP	1975-08-01	1982-01-01	DAILY	2400			
TEMP	1982-01-01	1988-04-01	DAILY	0700			
PRECIP	1996-07-31	2009-02-19	DAILY	2400	TB	RCRD	
PRECIP	2011-10-20	Present	DAILY	2400	PCPNX		
PRECIP	2009-02-19	2009-04-07	HOURLY	2400	TB	RCRD	
TEMP	1995-07-01	1996-07-31	DAILY	2400	MXMN		
PRECIP	1996-07-31	2009-02-19	HOURLY	2400	TB	RCRD	
PRECIP	2009-02-19	2009-04-07	DAILY	2400			
PRECIP	1975-08-01	1982-01-01	HOURLY	2400			
PRECIP	1982-01-01	1988-04-01	HOURLY	2400			
PRECIP	1988-04-01	1995-07-01	DAILY	2400	SRG		
PRECIP	2011-10-20	Present	HOURLY	2400	AHTB	RCRD;HTD	
TEMP	1943-02-01	1945-11-30	DAILY	2400			
PRECIP	1975-08-01	1982-01-01	DAILY	2400			
PRECIP	1988-04-01	1995-07-01	HOURLY	2400			
TEMP	2009-04-07	2011-10-20	DAILY	2400	HYGR		
PRECIP	2009-04-07	2011-10-20	HOURLY	2400	TB	RCRD	
PRECIP	1982-01-01	1988-04-01	DAILY	0700			
PRECIP	1995-07-01	1996-07-31	DAILY	2400	SRG		
PRECIP	2009-04-07	2011-10-20	DAILY	2400	PCPN1		
PRECIP	1943-02-01	1945-11-30	DAILY	2400			
PRECIP	1946-12-01	1975-08-01	DAILY	2400			

\* 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>

INQUIRES/COMMENTS CALL: (828) 271-4800, option 2

Fax Number : (828) 271-4876

TDD : (828) 271-4010

Email : [ncdc.orders@noaa.gov](mailto:ncdc.orders@noaa.gov)

NOAA/National Climatic Data Center

Attn: User Engagement & Services Branch

151 Patton Avenue

Asheville, NC 28801-5001

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