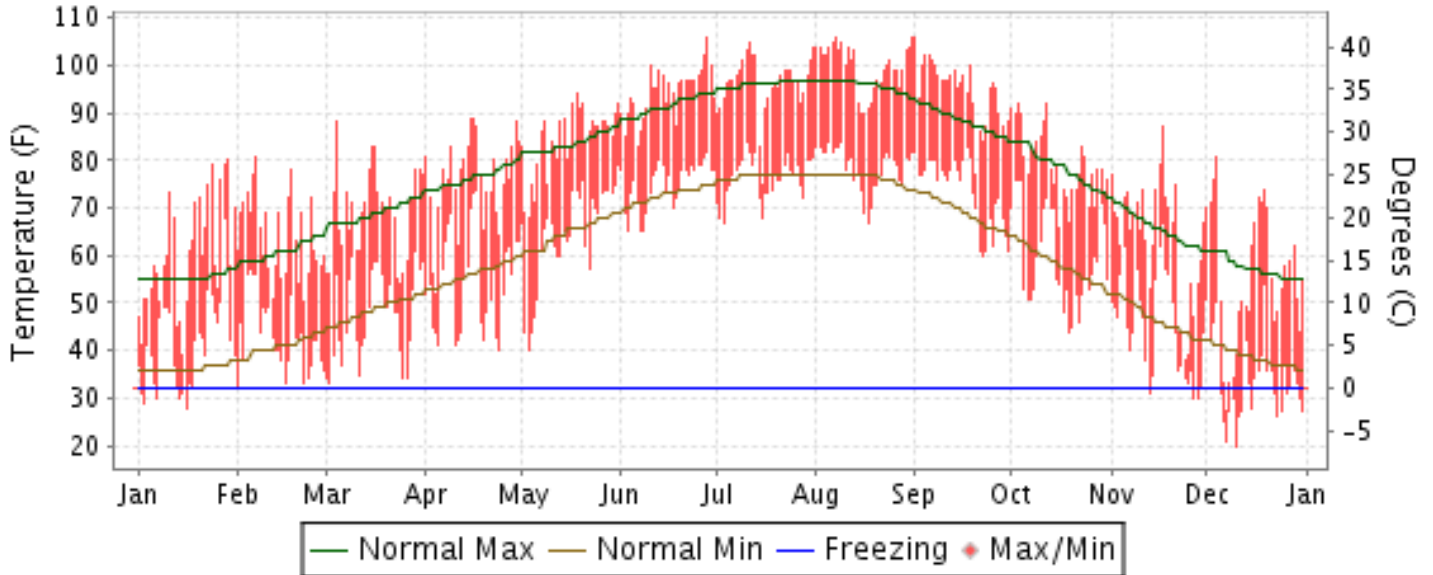


# 2013 LOCAL CLIMATOLOGICAL DATA ANNUAL SUMMARY WITH COMPARATIVE DATA

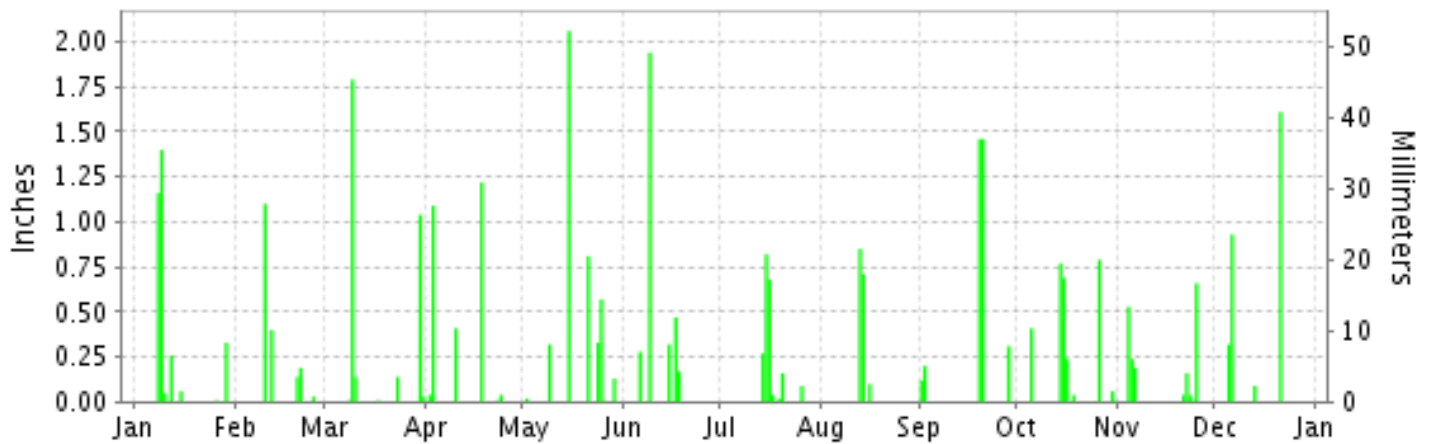
ISSN 1528-7408

## DALLAS, TEXAS (KDAL)

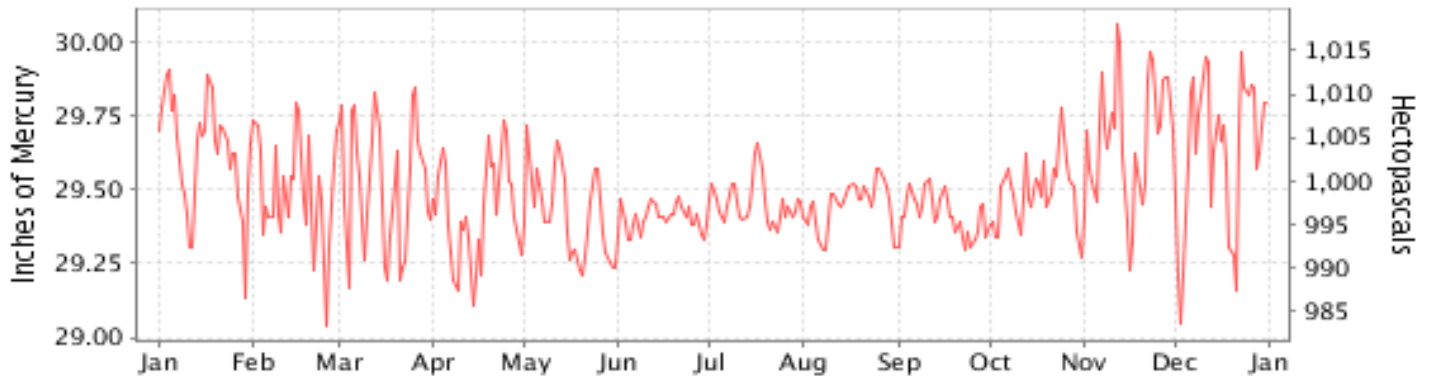
### Daily Max/Min Temperature



### 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.

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ASHEVILLE, NORTH CAROLINA

*Thomas R. Karl*  
DIRECTOR  
NATIONAL CLIMATIC DATA CENTER

# METEOROLOGICAL DATA FOR 2013

## DALLAS (KDAL)

LATITUDE: 32° 51'N      LONGITUDE: 96° 51'W      ELEVATION (FT): GRND: 440 BARO: 512      TIME ZONE: CENTRAL (UTC -6)      WBAN: 13960

ELEMENT		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR	
TEMPERATURE °F	MEAN DAILY MAXIMUM	60.2	64.1	69.0	75.7	84.3	94.5	96.1	99.7	94.5	79.3	63.8	55.2	78.0	
	HIGHEST DAILY MAXIMUM	80	81	88	89	94	106	105	106	106	92	87	81	106	
	DATE OF OCCURRENCE	29	07	04	16+	18	28	11	31+	01	12+	17	04	SEP 01	
	MEAN DAILY MINIMUM	41.3	43.1	47.4	54.4	64.6	75.1	76.4	78.8	73.6	59.2	45.2	33.7	57.7	
	LOWEST DAILY MINIMUM	28	32	33	40	40	65	67	67	60	44	30	20	20	
	DATE OF OCCURRENCE	16	01	02	24	03	08+	03	17	22	19	28+	10	DEC 10	
	AVERAGE DRY BULB	50.7	53.6	58.2	65.1	74.4	84.8	86.2	89.2	84.0	69.2	54.5	44.5	67.9	
	MEAN WET BULB	44.6	45.1	48.5	56.4	64.9	71.9	72.3	72.8	69.7	60.9	47.3	39.0	57.8	
	MEAN DEW POINT	37.4	35.0	37.1	49.3	58.4	65.3	65.4	64.7	61.8	55.0	39.1	32.5	50.1	
	NUMBER OF DAYS WITH:														
	MAXIMUM >= 90°	0	0	0	0	6	25	29	31	23	5	0	0	119	
	MAXIMUM <= 32°	0	0	0	0	0	0	0	0	0	0	0	1	1	
MINIMUM <= 32°	8	1	0	0	0	0	0	0	0	0	4	16	29		
MINIMUM <= 0°	0	0	0	0	0	0	0	0	0	0	0	0	0		
H/C	HEATING DEGREE DAYS	448	318	234	110	30	0	0	0	0	34	328	632	2134	
	COOLING DEGREE DAYS	14	6	31	122	330	600	667	757	578	172	20	1	3298	
RH	MEAN (PERCENT)	63	54	49	60	61	55	54	47	50	64	60	67	57	
	HOUR 00 LST	66	59	53	64	65	58	57	50	55	72	65	72	61	
	HOUR 06 LST	75	68	64	74	75	73	71	67	68	80	71	77	72	
	HOUR 12 LST	58	47	41	54	52	47	46	39	42	54	52	57	49	
	HOUR 18 LST	54	40	38	48	49	40	42	34	36	53	53	57	45	
W/O	NUMBER OF DAYS WITH:														
	HEAVY FOG(VISBY <= 1/4 MI)	3	1	0	0	0	0	0	0	0	0	0	1	5	
	THUNDERSTORMS	2	2	4	4	6	5	4	5	4	3	1	1	41	
PR	MEAN STATION PRESS. (IN.)	29.63	29.49	29.53	29.43	29.42	29.40	29.46	29.45	29.41	29.49	29.68	29.64	29.50	
	MEAN SEA-LEVEL PRESS. (IN.)	30.15	30.02	30.05	29.94	29.93	29.91	29.96	29.96	29.92	30.01	30.20	30.17	30.02	
WINDS	RESULTANT SPEED (MPH)	0.4	1.2	2.6	5.7	6.6	5.1	4.6	4.6	3.9	4.4	2.2	0.7	3.2	
	RES. DIR. (TENS OF DEGS.)	12	09	16	16	17	16	15	15	13	15	12	34	16	
	MEAN SPEED (MPH)	8.2	9.8	11.0	12.1	11.9	9.7	8.0	7.3	7.0	9.1	9.4	6.8	9.2	
	PREVAIL.DIR.(TENS OF DEGS.)	17	32	17	16	17	18	18	17	13	16	16	34	17	
	MAXIMUM 2-MINUTE WIND														
	SPEED (MPH)	30	33	31	32	38	35	40	26	35	31	29	26	40	
	DIR. (TENS OF DEGS.)	28	31	35	18	33	15	11	02	13	15	32	36	11	
	DATE OF OCCURRENCE	29	26	05	18	15	15	16	16	19	30	21	05	JUL 16	
	MAXIMUM 3-SECOND WIND:														
	SPEED (MPH)	43	45	45	48	54	46	49	32	40	41	37	36	54	
DIR. (TENS OF DEGS.)	28	30	35	17	36	16	11	02	14	14	32	19	36		
DATE OF OCCURRENCE	29	26	05	18	15	15	16	16	19	30	21	19	MAY 15		
PRECIPITATION	WATER EQUIVALENT:														
	TOTAL (IN.)	3.27	1.86	3.16	2.81	4.25	3.18	2.08	1.66	3.55	3.01	1.87	2.95	33.65	
	GREATEST 24-HOUR (IN.)	2.33	1.10	1.93	1.22	2.06	1.94	0.83	1.34	2.92	0.93	0.75	1.61	2.92	
	DATE OF OCCURRENCE	08-09	10	09-10	18	15	09	14-15	13-14	19-20	15-16	04-05	21	SEP 19-20	
	NUMBER OF DAYS WITH:														
	PRECIPITATION 0.01	7	5	7	6	8	5	7	3	5	8	8	4	73	
PRECIPITATION 0.10	4	4	4	3	6	5	4	3	5	5	5	3	51		
PRECIPITATION 1.00	2	1	2	2	1	1	0	0	2	0	0	1	12		
SNOWFALL	SNOW,ICE PELLETS,HAIL	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	T	2.0	2.3	
	TOTAL (IN.)	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	T	2.0	2.0	
	GREATEST 24-HOUR (IN.)	15										24	06	DEC 06	
	DATE OF OCCURRENCE	T	0	0	0	0	0	0	0	0	0	0	2	2	
	MAXIMUM SNOW DEPTH (IN.)	15+											09+	DEC 09+	
	DATE OF OCCURRENCE														
NUMBER OF DAYS WITH:															
SNOWFALL >= 1.0	0	0	0	0	0	0	0	0	0	0	0	1	1		

# NORMALS, MEANS, AND EXTREMES DALLAS (KDAL)

**LATITUDE:** 32° 51'N      **LONGITUDE:** 96° 51'W      **ELEVATION (FT):** GRND: 440 BARO: 512      **TIME ZONE:** CENTRAL (UTC -6)      **WBAN: 13960**

ELEMENT		POR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
<b>TEMPERATURE °F</b>	NORMAL DAILY MAXIMUM	30	56.8	60.8	68.7	76.7	84.2	91.6	96.0	96.4	88.7	78.5	67.1	57.5	76.9
	MEAN DAILY MAXIMUM	32	58.1	57.0	69.6	75.8	84.4	90.6	95.8	97.1	89.0	79.5	67.6	57.6	76.8
	HIGHEST DAILY MAXIMUM	14	83	85	90	100	100	107	108	111	110	93	88	88	111
	YEAR OF OCCURRENCE		2006	2009	2006	2006	2003	2012	2012	2011	2000	2006	2005	2005	AUG 2011
	MEAN OF EXTREME MAXS.	32	77.1	79.4	84.3	89.1	95.4	98.7	103.1	104.7	99.3	91.1	83.5	78.1	90.3
	NORMAL DAILY MINIMUM	30	37.3	41.1	48.5	56.2	65.4	72.8	76.7	76.8	69.0	58.2	47.6	38.5	57.3
	MEAN DAILY MINIMUM	32	35.4	35.2	46.3	53.4	63.0	69.7	74.3	74.5	66.2	55.1	44.8	35.8	54.5
	LOWEST DAILY MINIMUM	14	14	14	17	35	40	61	67	63	49	37	28	16	14
	YEAR OF OCCURRENCE		2010	2011	2002	2003	2013	2004	2013	2004	2000	2012	2006	2005	FEB 2011
	MEAN OF EXTREME MINS.	32	23.3	25.4	31.9	41.6	52.0	64.1	71.2	69.6	56.9	42.2	32.1	23.7	44.5
	NORMAL DRY BULB	30	47.0	51.0	58.6	66.5	74.8	82.2	86.4	86.6	78.9	68.3	57.4	48.0	67.1
	MEAN DRY BULB	32	46.7	46.1	58.0	64.6	73.7	80.4	85.0	85.8	77.6	67.3	56.2	46.7	65.7
	MEAN WET BULB	14	36.8	39.7	47.4	55.6	63.5	69.0	70.5	69.9	64.4	56.1	47.2	38.2	54.9
	MEAN DEW POINT	14	39.1	42.0	48.9	56.7	64.5	70.4	71.5	70.9	65.1	57.0	48.3	38.8	56.1
	NORMAL NO. DAYS WITH: MAXIMUM >= 90	30	0.0	0.1	0.2	0.8	6.1	20.0	27.5	26.7	13.9	1.9	0.0	0.0	97.2
	MAXIMUM <= 32	30	0.6	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	1.9
MINIMUM <= 32	30	8.8	4.7	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.1	1.1	7.0	23.0	
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	
<b>H/C</b>	NORMAL HEATING DEG. DAYS	30	559	401	238	74	6	0	0	0	5	58	263	532	2136
	NORMAL COOLING DEG. DAYS	30	3	8	39	117	310	516	662	669	421	162	33	5	2945
<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)	14	0.8	0.6	0.1	0.3	0.1	0.0	0.0	0.0	0.2	0.5	0.5	0.7	3.8
	THUNDERSTORMS	14	1.5	1.9	3.5	4.9	7.3	6.4	4.1	4.4	3.1	3.7	1.7	1.7	44.2
<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)	14	29.62	29.57	29.49	29.42	29.40	29.40	29.44	29.43	29.45	29.51	29.58	29.60	29.49
	MEAN SEA-LEVEL PRES. (IN)	14	30.15	30.09	30.01	29.94	29.90	29.90	29.95	29.93	29.96	30.02	30.10	30.12	30.01
<b>WINDS</b>	MEAN SPEED (MPH)	14	8.8	10.0	10.8	11.6	10.9	10.2	8.7	8.1	7.9	8.6	9.0	9.0	9.5
	PREVAIL.DIR(TENS OF DEGS)	8	34	17	17	17	17	17	17	17	17	16	17	17	17
	MAXIMUM 2-MINUTE: SPEED (MPH)	14	41	39	40	44	46	58	40	43	46	39	52	39	58
	DIR. (TENS OF DEGS)		31	18	16	01	17	36	11	33	01	31	19	29	36
	YEAR OF OCCURRENCE		2008	2004	2012	2008	2012	2004	2013	2008	2005	2010	2004	2012	JUN 2004
	MAXIMUM 3-SECOND SPEED (MPH)	14	52	48	53	58	58	74	52	64	54	51	76	66	76
	DIR. (TENS OF DEGS)		31	25	17	27	18	01	06	34	01	31	18	29	18
YEAR OF OCCURRENCE		2008	2007	2012	2008	2012	2004	2012	2008	2005	2010	2004	2012	NOV 2004	
<b>PRECIPITATION</b>	NORMAL (IN)	30	2.06	2.59	3.49	3.07	4.92	4.11	2.21	1.87	2.84	4.79	2.88	2.74	37.57
	MAXIMUM MONTHLY (IN)	14	6.56	6.80	8.45	3.85	6.60	9.71	4.13	4.72	9.54	8.32	7.01	5.11	9.71
	YEAR OF OCCURRENCE		2012	2001	2008	2008	2007	2007	2004	2012	2010	2009	2000	2002	JUN 2007
	MINIMUM MONTHLY (IN)	14	0.37	0.51	0.28	1.54	1.32	0.33	T	0.43	1.13	0.65	0.01	0.29	0.01
	YEAR OF OCCURRENCE		2008	2007	2011	2012	2010	2008	2011	2010	2005	2012	2012	2008	NOV 2012
	MAXIMUM IN 24 HOURS (IN)	14	4.50	3.93	6.90	1.88	2.82	6.00	T	T	5.65	4.77	3.32	3.36	6.90
	YEAR OF OCCURRENCE		2012	2006	2006	2002	2006	2009	2002	2000	2010	2002	2008	2001	MAR 2006
	NORMAL NO. DAYS WITH: PRECIPITATION >= 0.01	30	6.7	6.5	7.6	6.7	9.7	8.0	4.9	4.6	5.3	7.5	6.6	6.6	80.7
PRECIPITATION >= 1.00	30	0.4	0.7	0.9	1.0	1.9	1.4	0.6	0.6	0.9	1.7	0.9	0.5	11.5	
<b>SNOWFALL</b>	NORMAL (IN)	30	0.5	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	1.5
	MAXIMUM MONTHLY (IN)	10	0.7	8.8	2.2	T	T	0.0	T	T	0.0	0.0	0.2	2.2	8.8
	YEAR OF OCCURRENCE		2007	2010	2010	2011	2011		2011				2006	2009	FEB 2010
	MAXIMUM IN 24 HOURS (IN)	10	0.5	7.8	1.4	T	T	0.0	0.0	0.0	0.0	0.0	0.2	2.0	7.8
	YEAR OF OCCURRENCE		2009	2010	2010	2011	2011						2006	2013	FEB 2010
	MAXIMUM SNOW DEPTH (IN)	10	T	7	T	0	0	0	0	0	0	0	0	T	7
	YEAR OF OCCURRENCE		2009	2010	2010									2013	FEB 2010
NORMAL NO. DAYS WITH: SNOWFALL >= 1.0	30	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.5	

**PRECIPITATION (inches) 2013 DALLAS (KDAL)**

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1999			2.76	2.15	6.98	1.61	1.50	T	1.26	2.57	1.55	4.45	
2000	1.82	1.72	3.55	3.13	2.90	9.71	T	0.00	0.03	5.64	7.01	3.52	39.03
2001	2.16	6.80	4.53	1.29	2.63	1.63	1.84	2.64	3.31	3.07	1.06	4.34	35.30
2002	3.95	0.96	5.18	3.09	5.22	1.46	2.15	1.30	0.65	7.33	0.53	5.11	36.93
2003	0.19	2.81	0.79	1.90	2.23	2.19	0.09	1.39	5.01	0.89	2.90	1.19	21.58
2004	3.65	4.82	1.16	3.48	2.01	7.28	4.13	2.17	1.04	6.04	5.93	1.00	42.71
2005	4.93	1.52	1.82	0.27	3.24	0.57	1.51	1.68	1.13	1.44	0.06	0.40	18.57
2006	2.30	4.35	8.17	1.66	3.33	0.63	0.76	1.63	3.82	5.51	2.27	3.93	38.36
2007	5.03	0.51	5.08	1.54	6.60	9.71	2.37	3.11	6.62	4.77	1.53	1.96	48.83
2008	0.37	1.95	8.45	3.85	3.71	0.33	1.29	2.12	1.41	1.08	3.97	0.29	28.82
2009	1.24	0.62	4.65	3.62	3.61	6.58	3.17	1.43	7.86	8.32	2.38	2.33	45.81
2010	3.27	2.66	3.24	1.86	1.32	3.76	3.11	0.43	9.54	0.71	2.74	1.69	34.33
2011	1.62	1.35	0.28	3.53	6.31	3.70	T	0.93	1.37	2.82	1.78	4.63	28.32
2012	6.56	1.99	6.12	1.54	1.57	2.31	0.44	4.72	3.12	0.65	0.01	2.47	31.50
2013	3.27	1.86	3.16	2.81	4.25	3.18	2.08	1.66	3.55	3.01	1.87	2.95	33.65
POR= 32 YRS	2.21	2.32	3.45	3.20	3.89	3.75	2.46	2.31	2.90	3.01	2.57	2.68	34.75

WBAN : 13960

**AVERAGE TEMPERATURE (°F) 2013 DALLAS (KDAL)**

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1999								89.9	79.2	69.2	62.6	51.1	
2000	50.5	57.5	60.6	64.9	77.1	80.3	87.8	90.5	81.1	70.7	50.9	40.7	67.7
2001	44.0	51.6	53.1	68.9	75.8	81.8	88.5	86.3	75.6	65.8	60.6	50.5	66.9
2002	48.3	47.6	55.8	69.6	73.3	81.4	84.8	85.9	80.7	65.4	54.7	48.7	66.4
2003	45.1	46.8	57.4	67.7	76.9	80.1	87.1	87.4	75.3	70.1	59.9	50.2	67.0
2004	49.3	46.6	62.9	67.4	75.4	79.8	84.3	82.3	79.1	72.5	57.4	49.5	67.2
2005	50.7	53.8	57.9	66.4	74.5	84.9	85.7	87.6	84.7	69.6	61.4	48.7	68.8
2006	55.8	50.2	62.7	72.7	77.4	84.2	88.5	90.3	78.3	68.3	58.2	50.8	69.8
2007	42.7	49.9	64.4	63.0	74.3	80.3	82.6	86.6	80.4	70.6	60.4	48.9	67.0
2008	45.9	53.6	59.9	65.8	75.5	84.6	88.0	85.2	76.7	68.2	58.5	47.6	67.5
2009	48.0	56.3	59.4	65.4	73.9	84.4	87.0	85.9	76.7	63.3	60.0	43.3	67.0
2010	45.0	42.5	56.3	67.6	77.5	87.0	86.6	90.9	80.5	69.4	58.8	50.3	67.7
2011	43.8	50.3	62.2	71.9	73.9	87.6	92.2	94.4	80.7	68.8	58.4	48.3	69.4
2012	51.1	52.9	65.3	71.0	78.4	84.8	88.5	87.0	80.7	67.2	59.9	52.6	70.0
2013	50.7	53.6	58.2	65.1	74.4	84.8	86.2	89.2	84.0	69.2	54.5	44.5	67.9
POR= 32 YRS	46.7	46.1	58.0	64.6	73.7	80.4	85.0	85.8	77.6	67.3	56.2	46.7	65.7

**HEATING DEGREE DAYS (base 65°F) 2013 DALLAS (KDAL)**

YEAR	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	TOTAL
1998-99									270	44	2	0	
1999-00	0	0	0	47	122	430	447	233	170	82	0	0	1531
2000-01	0	0	10	59	425	745	645	378	364	35	0	0	2661
2001-02	0	0	1	70	178	461	518	482	310	48	6	0	2074
2002-03	0	0	0	89	315	498	610	506	249	45	0	0	2312
2003-04	0	0	0	18	212	451	489	529	111	48	15	0	1873
2004-05	0	0	0	5	223	478	452	330	232	36	20	0	1776
2005-06	0	0	0	56	184	506	281	412	160	7	0	0	1606
2006-07	0	0	0	60	224	446	683	424	99	131	0	0	2067
2007-08	0	0	0	50	205	498	593	341	205	71	6	0	1969
2008-09	0	0	0	49	225	539	528	259	233	87	2	0	1922
2009-10	0	0	0	101	161	665	613	623	270	36	2	0	2471
2010-11	0	0	0	21	225	455	648	440	163	15	35	0	2002
2011-12	0	0	0	55	241	509	426	349	91	5	0	0	1676
2012-13	0	0	0	98	189	406	448	318	234	110	30	0	1833
2013-	0	0	0	34	328	632							

WBAN : 13960

**COOLING DEGREE DAYS (base 65°F) 2013 DALLAS (KDAL)**

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
1999			4	146	274	507	643	778	431	186	57	9	
2000	4	23	39	87	383	464	711	797	499	242	8	0	3257
2001	0	8	1	159	341	508	736	665	330	99	52	16	2915
2002	7	1	28	190	275	496	624	653	476	113	11	0	2874
2003	0	3	21	133	378	459	693	703	315	182	68	0	2955
2004	10	0	52	128	344	450	604	545	431	248	5	4	2821
2005	14	21	18	85	321	606	650	706	597	205	82	7	3312
2006	7	6	98	246	391	584	738	793	406	168	25	17	3479
2007	0	7	88	78	295	467	552	678	468	231	72	5	2941
2008	11	14	54	101	338	595	720	633	355	156	37	7	3021
2009	7	22	68	105	284	591	690	654	359	53	20	0	2853
2010	0	0	7	120	398	665	677	809	473	161	46	4	3360
2011	0	33	84	228	316	687	849	917	480	178	50	1	3823
2012	3	7	108	192	427	602	734	688	479	172	43	28	3483
2013	14	6	31	122	330	600	667	757	578	172	20	1	3298

**SNOWFALL (inches) 2013 DALLAS (KDAL)**

YEAR	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	TOTAL
2003-04							0.0	3.6	0.0	0.0	0.0	0.0	
2004-05	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.7
2005-06	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.3
2006-07	0.0	0.0	0.0	0.0	0.2	0.0	0.7	T	T	T	T	0.0	0.9
2007-08	0.0	0.0	0.0	0.0	T	0.0	T	0.0	0.4	0.0	0.0	0.0	0.4
2008-09	0.0	0.0	0.0	0.0	0.0	T	0.5	0.0	0.0	0.0	0.0	0.0	0.5
2009-10	0.0	0.0	0.0	0.0	0.0	2.2	T	8.8	2.2	0.0	0.0	0.0	13.2
2010-11	0.0	0.0	0.0	0.0	0.0	0.0	0.1	6.4	0.0	T	T	0.0	6.5
2011-12	0.0	0.0	0.0	0.0	0.0	T	0.0	T	0.0	0.0	0.0	0.0	T
2012-13	0.0	0.0	0.0	0.0	0.0	2.0	0.3	0.0	0.0	0.0	0.0	0.0	2.3
2013-	0.0	0.0	0.0	0.0	T	2.0							
POR= 25 YRS	0.0	0.0	0.0	0.0	T	0.6	0.7	1.3	0.1	T	T	0.0	2.7

WBAN : 13960

**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  
DALLAS  
TEXAS (KDAL)**

No Narrative.

# Station History

DALLAS, TX

NAME	Begin Date	End Date	Latitude	Longitude	Elevation Feet	Relocation	Platform
DALLAS LOVE FIELD	1930-04-01	1941-01-01	32° 51'	-96° 52'			WXSVC
DALLAS LOVE FIELD	1974-07-01	1974-07-31	32° 51'	-96° 51'	522		AIRWAYS, COOP, WXSVC
DALLAS LOVE FIELD	1997-11-19	2008-10-01	32° 51'	-96° 51'	440		AIRWAYS, ASOS, COOP
DALLAS LOVE FIELD	1990-05-18	1997-11-19	32° 51'	-96° 51'	440		COOP, WXSVC
DALLAS LOVE FIELD	1946-08-01	1958-01-01	32° 51'	-96° 51'	502		COOP, WXSVC
DALLAS LOVE FIELD	2008-10-01	Present	32° 51'	-96° 51'	440		ASOS, COOP
DALLAS LOVE FIELD	1941-01-01	1946-08-01	32° 51'	-96° 51'			WXSVC
DALLAS LOVE FIELD	1974-07-31	1982-01-01	32° 51'	-96° 51'	522		AIRWAYS, COOP
DALLAS LOVE FIELD	1982-01-01	1990-05-18	32° 51'	-96° 51'	440		AIRWAYS, COOP
DALLAS LOVE FIELD	1958-01-01	1974-07-01	32° 51'	-96° 51'	522		COOP, WXSVC

# Element History

Element	Begin Date	End Date	Frequency	Time Of Observation	Equipment *	Equipment * Modifications	Equipment Exposure
PRECIP	1962-12-05	1973-03-01	HOURLY	2400	TB	RCRD	
TEMP	1930-04-01	1962-12-05	DAILY	UNKN			
PRECIP	1975-07-01	1988-04-27	HOURLY	2400	F&P	RCRD	
TEMP	1988-04-27	2008-10-01	DAILY	2400	HYGR		
TEMP	2008-10-01	2009-08-21	DAILY	2400	ATEMP		
PRECIP	2008-10-01	2009-08-21	DAILY	2400	PCPNX		
PRECIP	1973-03-01	1975-07-01	DAILY	2400	SRG		ROOF
PRECIP	1988-04-27	2008-10-01	DAILY	2400	SRG		ROOF
TEMP	1962-12-05	1973-03-01	DAILY	2400			
TEMP	1973-03-01	1975-07-01	DAILY	2400			
PRECIP	1962-12-05	1973-03-01	DAILY	2400	SRG		
PRECIP	1975-07-01	1988-04-27	DAILY	2400	SRG		ROOF
PRECIP	2008-10-01	2009-08-21	HOURLY	2400	AHTB	RCRD;HTD	
PRECIP	2009-08-21	Present	DAILY	2400	PCPNX		ROOF
PRECIP	2009-08-21	Present	HOURLY	2400	AHTB	RCRD;HTD	
PRECIP	1930-04-01	1962-12-05	HOURLY	UNKN			
PRECIP	1930-04-01	1962-12-05	DAILY	UNKN			
TEMP	1975-07-01	1988-04-27	DAILY	2400			
PRECIP	1988-04-27	2008-10-01	HOURLY	2400	F&P	RCRD	
TEMP	2009-08-21	Present	DAILY	2400	ATEMP		

\* 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>

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TDD : (828) 271-4010

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

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151 Patton Avenue

Asheville, NC 28801-5001

Visit our Web Site for other weather data: [www.ncdc.noaa.gov](http://www.ncdc.noaa.gov)