

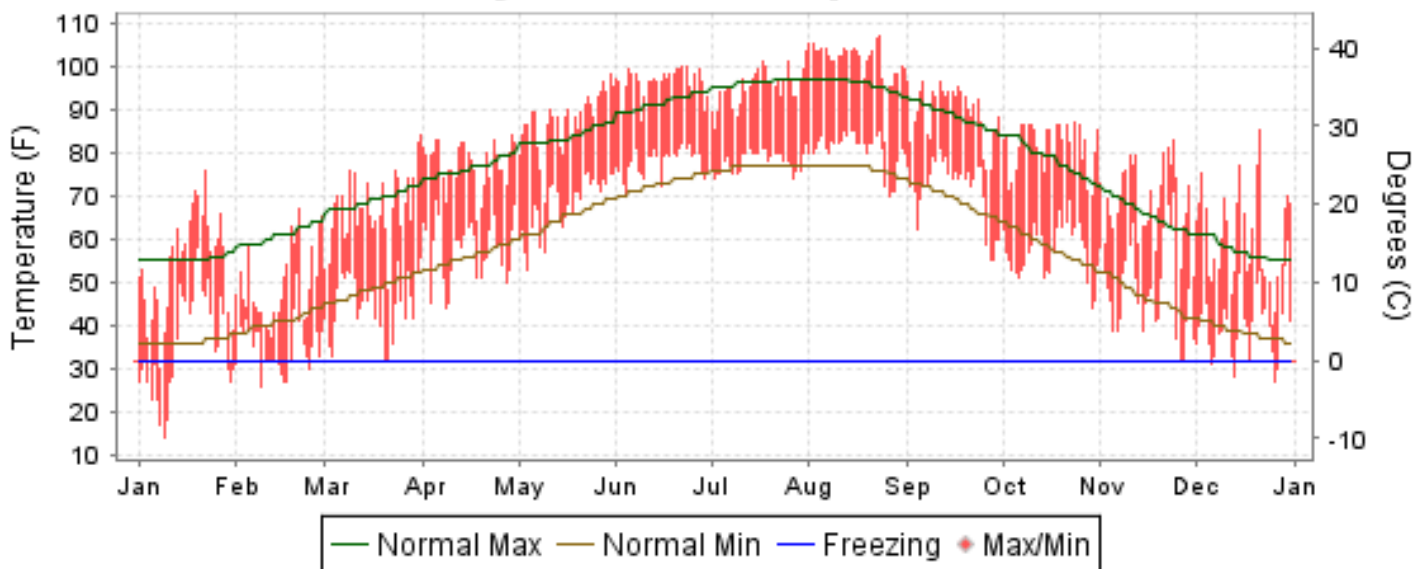


# 2010 LOCAL CLIMATOLOGICAL DATA ANNUAL SUMMARY WITH COMPARATIVE DATA

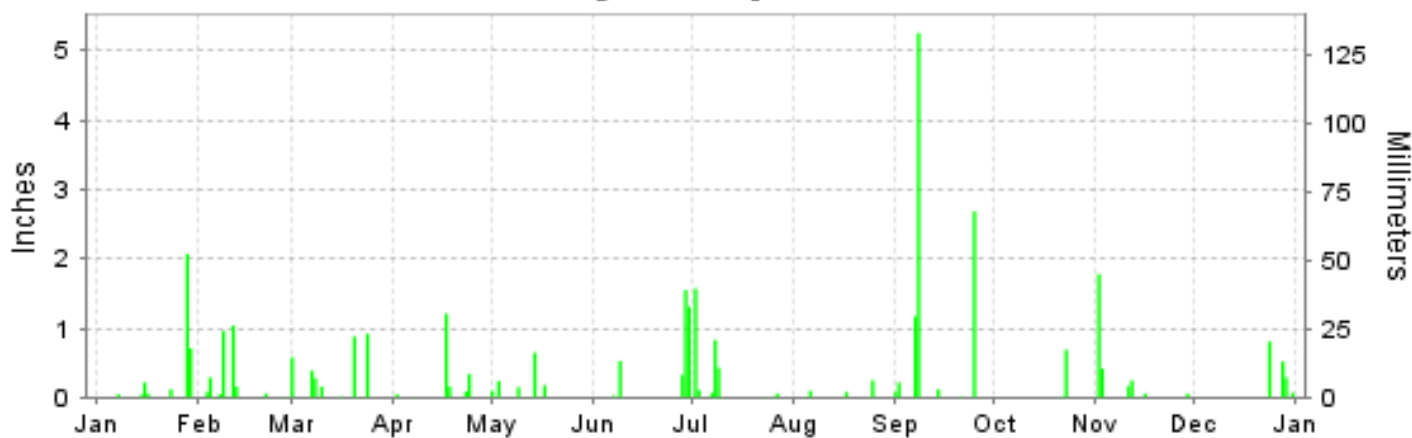
ISSN 1528-7408

## DALLAS, TEXAS (KDAL)

### Daily Max/Min Temperature



### Daily Precipitation



### Daily Station Pressure



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NATIONAL  
CLIMATIC DATA CENTER  
ASHEVILLE, NORTH CAROLINA

*Thomas R. Karl*  
DIRECTOR  
NATIONAL CLIMATIC DATA CENTER

# METEOROLOGICAL DATA FOR 2010

## DALLAS (KDAL)

LATITUDE: 32 ° 50'N      LONGITUDE: -96 ° 51'W      ELEVATION (FT): GRND: 475    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	53.9	49.8	67.2	77.4	87.3	96.1	95.0	101.0	89.3	81.3	68.9	60.1	77.3	
	HIGHEST DAILY MAXIMUM	76	67	84	84	98	100	103	107	96	87	83	85	107	
	DATE OF OCCURRENCE	22	21	31	29	30	23+	31	23	11+	24	24	21	AUG 23	
	MEAN DAILY MINIMUM	36.0	35.2	45.3	57.7	67.7	77.8	78.1	80.7	71.6	57.4	48.6	40.4	58.0	
	LOWEST DAILY MINIMUM	14	26	32	44	53	70	74	70	55	44	32	27	14	
	DATE OF OCCURRENCE	09	09	21+	08	04	04	27+	26	28+	29	27+	26	JAN 09	
	AVERAGE DRY BULB	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	
	MEAN WET BULB	39.6	38.1	48.2	59.0	67.1	74.8	75.6	74.9	70.4	57.9	50.5	42.5	58.2	
	MEAN DEW POINT	32.9	31.7	40.2	51.6	60.8	69.5	71.2	67.7	65.2	48.1	42.4	32.6	51.2	
	NUMBER OF DAYS WITH:														
	MAXIMUM >= 90°	0	0	0	0	11	27	27	30	17	0	0	0	0	112
MAXIMUM <= 32°	2	0	0	0	0	0	0	0	0	0	0	0	0	2	
MINIMUM <= 32°	15	12	2	0	0	0	0	0	0	0	2	5	36		
MINIMUM <= 0°	0	0	0	0	0	0	0	0	0	0	0	0	0		
H/C	HEATING DEGREE DAYS	613	623	270	36	2	0	0	0	0	21	225	455	2245	
	COOLING DEGREE DAYS	0	0	7	120	398	665	677	809	473	161	46	4	3360	
RH	MEAN (PERCENT)	66	69	59	60	60	60	65	50	63	51	59	54	60	
	HOUR 00 LST	69	72	63	65	64	67	70	53	66	57	65	59	64	
	HOUR 06 LST	77	81	77	78	77	77	80	68	80	68	75	68	76	
	HOUR 12 LST	60	63	54	52	48	49	56	42	54	39	50	48	51	
	HOUR 18 LST	59	59	45	45	50	50	54	37	50	37	47	44	48	
S	PERCENT POSSIBLE SUNSHINE														
W/O	NUMBER OF DAYS WITH:														
	HEAVY FOG(VISBY <= 1/4 MI)	1	2	0	0	1	0	0	0	1	0	0	0	5	
	THUNDERSTORMS	1	0	3	3	8	5	4	1	5	2	3	0	35	
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.)	29.60	29.56	29.44	29.39	29.37	29.39	29.44	29.38	29.43	29.52	29.53	29.56	29.47	
	MEAN SEA-LEVEL PRESS. (IN.)	30.14	30.09	29.96	29.90	29.88	29.89	29.94	29.88	29.94	30.04	30.05	30.08	29.98	
WINDS	RESULTANT SPEED (MPH)	0.7	1.4	1.6	6.1	6.0	8.5	6.4	4.4	3.9	2.1	2.6	2.1	3.5	
	RES. DIR. (TENS OF DEGS.)	10	04	21	17	16	17	17	17	15	15	18	15	17	
	MEAN SPEED (MPH)	8.2	8.5	11.0	11.3	9.9	10.4	8.5	7.6	8.0	6.8	10.6	9.9	9.2	
	PREVAIL.DIR.(TENS OF DEGS.)	16	35	17	17	17	17	17	17	18	17	16	17	17	
	MAXIMUM 2-MINUTE WIND														
	SPEED (MPH)	31	30	33	33	36	29	28	26	33	39	28	28	39	
	DIR. (TENS OF DEGS.)	16	01	32	18	17	28	17	15	12	31	32	34	31	
	DATE OF OCCURRENCE	22	14	21	29	10	15	08	30	08	23	17	11	OCT 23	
	MAXIMUM 3-SECOND WIND:														
	SPEED (MPH)	39	39	45	45	45	39	36	35	46	51	38	37	51	
DIR. (TENS OF DEGS.)	35	36	31	17	18	27	17	02	12	31	32	31	31		
DATE OF OCCURRENCE	07	14	12	06	10	15	03	17	08	23	17	31	OCT 23		
PRECIPITATION	WATER EQUIVALENT:														
	TOTAL (IN.)	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	
	GREATEST 24-HOUR (IN.)	2.78	1.18	0.92	1.21	0.65	1.86	1.57	0.25	5.65	0.71	2.20	0.81	5.65	
	DATE OF OCCURRENCE	28-29	11-12	24	17	14	28-29	02	25	07-08	22-23	02-03	24	SEP 07-08	
	NUMBER OF DAYS WITH:														
	PRECIPITATION 0.01	7	9	8	6	5	6	9	3	7	2	6	4	72	
PRECIPITATION 0.10	4	4	6	3	5	4	4	2	5	1	4	3	45		
PRECIPITATION 1.00	1	1	0	1	0	2	1	0	3	0	1	0	10		
SNOWFALL	SNOW,ICE PELLETS,HAIL														
	TOTAL (IN.)	T	8.8	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.0	
	GREATEST 24-HOUR (IN.)	T	7.8	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.8	
	DATE OF OCCURRENCE	29+	11	21										FEB 11	
	MAXIMUM SNOW DEPTH (IN.)	0	7	2	0	0	0	0	0	0	0	0	0	7	
	DATE OF OCCURRENCE		12	21										FEB 12	
NUMBER OF DAYS WITH:															
SNOWFALL >= 1.0	0	2	1	0	0	0	0	0	0	0	0	0	3		

# NORMALS, MEANS, AND EXTREMES DALLAS (KDAL)

**LATITUDE:** 32 ° 50'N      **LONGITUDE:** -96 ° 51'W      **ELEVATION (FT):** GRND: 475    BARO: 512      **TIME ZONE:** CENTRAL (UTC -6)      **WBAN: 13960**

ELEMENT		POR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR	
TEMPERATURE °F	NORMAL DAILY MAXIMUM	30	55.4	61.0	69.1	76.5	83.8	91.6	96.1	95.8	88.5	78.6	66.0	57.4	76.7	
	MEAN DAILY MAXIMUM	29	58.0	56.4	69.3	75.4	84.3	90.1	95.4	96.7	88.6	79.5	67.6	57.5	76.6	
	HIGHEST DAILY MAXIMUM	11	83	85	90	100	100	103	107	109	110	93	88	88	110	
	YEAR OF OCCURRENCE		2006	2009	2006	2006	2003	2009	2006	2003	2000	2006	2005	2005	2005	SEP 2000
	MEAN OF EXTREME MAXS.	29	76.7	78.7	83.8	88.9	95.3	97.1	102.3	103.9	97.6	91.3	83.0	77.9	89.7	
	NORMAL DAILY MINIMUM	30	36.4	41.0	48.5	56.1	64.9	72.7	76.8	76.4	69.2	58.2	46.8	38.6	57.1	
	MEAN DAILY MINIMUM	29	35.1	34.5	45.7	52.8	62.7	69.0	73.7	73.9	65.6	54.8	44.5	35.5	54.0	
	LOWEST DAILY MINIMUM	11	14	18	17	35	46	61	68	63	49	38	28	16	14	
	YEAR OF OCCURRENCE		2010	2007	2002	2003	2004	2004	2004	2004	2000	2008	2006	2005	2005	JAN 2010
	MEAN OF EXTREME MINS.	29	22.6	25.6	31.3	41.2	53.2	63.9	70.8	69.7	56.4	42.6	32.3	23.9	44.5	
	NORMAL DRY BULB	30	45.9	51.0	58.8	66.3	74.4	82.2	86.5	86.1	78.9	68.4	56.4	48.0	66.9	
	MEAN DRY BULB	29	46.5	45.4	57.6	64.1	73.5	79.8	84.6	85.3	77.1	67.2	56.1	46.5	65.3	
	MEAN WET BULB	11	37.5	40.5	48.2	56.2	64.6	70.0	71.7	71.4	66.0	57.0	48.6	39.0	55.9	
	MEAN DEW POINT	11	38.2	41.2	47.9	55.9	64.3	70.0	71.1	70.5	64.6	56.5	47.9	37.9	55.5	
	NORMAL NO. DAYS WITH:															
	MAXIMUM >= 90	30	0.0	0.1	0.3	1.1	6.9	20.5	27.8	26.9	15.9	3.3	0.0	0.0	102.8	
MAXIMUM <= 32	30	1.4	0.8	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	3.2		
MINIMUM <= 32	30	11.6	6.3	1.8	*	0.0	0.0	0.0	0.0	0.0	0.1	2.2	8.2	30.2		
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	0.0	0.0		
H/C	NORMAL HEATING DEG. DAYS	30	605	415	238	75	9	0	0	0	7	62	281	527	2219	
	NORMAL COOLING DEG. DAYS	30	2	9	39	110	290	511	659	646	417	162	28	5	2878	
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	11 11	0.5 1.3	0.6 2.1	0.2 3.8	0.3 4.7	0.2 7.4	0.0 7.3	0.0 4.7	0.0 4.3	0.3 3.1	0.5 4.0	0.5 1.8	0.8 1.7	3.9 46.2	
CLOUDNESS	MEAN:															
	SUNRISE-SUNSET (OKTAS)															
	MIDNIGHT-MIDNIGHT (OKTAS)															
	MEAN NO. DAYS WITH:															
	CLEAR															
	PARTLY CLOUDY															
	CLOUDY															
PR	MEAN STATION PRESSURE(IN)	11	29.62	29.57	29.49	29.43	29.40	29.41	29.45	29.44	29.46	29.51	29.57	29.60	29.50	
	MEAN SEA-LEVEL PRES. (IN)	11	30.16	30.10	30.01	29.95	29.91	29.91	29.95	29.94	29.96	30.02	30.09	30.12	30.01	
WINDS	MEAN SPEED (MPH)	11	9.0	10.0	10.8	11.5	10.7	10.2	8.8	8.2	8.0	8.5	8.9	9.2	9.5	
	PREVAIL.DIR(TENS OF DEGS)	5	18	17	17	17	17	17	17	17	13	16	17	17	17	
	MAXIMUM 2-MINUTE:															
	SPEED (MPH)	11	41	39	38	44	41	58	40	43	46	39	52	36	58	
	DIR. (TENS OF DEGS)		31	18	13	01	03	36	11	33	01	31	19	31	36	
	YEAR OF OCCURRENCE		2008	2004	2007	2008	2007	2004	2003	2008	2005	2010	2004	2002	JUN 2004	
	MAXIMUM 3-SECOND															
	SPEED (MPH)	11	52	48	47	58	49	74	47	64	54	51	76	47	76	
DIR. (TENS OF DEGS)		31	25	29	27	03	01	17	34	01	31	18	31	18		
YEAR OF OCCURRENCE		2008	2007	2000	2008	2007	2004	2006	2008	2005	2010	2004	2009	NOV 2004		
PRECIPITATION	NORMAL (IN)	30	1.89	2.31	3.13	3.46	5.30	3.92	2.43	2.17	2.65	4.65	2.61	2.53	37.05	
	MAXIMUM MONTHLY (IN)	11	5.03	6.80	8.45	3.85	6.60	9.71	4.13	3.11	9.54	8.32	7.01	5.11	9.71	
	YEAR OF OCCURRENCE		2007	2001	2008	2008	2007	2007	2004	2007	2010	2009	2000	2002	JUN 2007	
	MINIMUM MONTHLY (IN)	11	0.37	0.51	2.86	1.54	1.32	0.33	T	0.43	1.13	0.71	.06	0.29	T	
	YEAR OF OCCURRENCE		2008	2007	2005	2007	2010	2008	2005	2010	2005	2010	2005	2008	JUL 2005	
	MAXIMUM IN 24 HOURS (IN)	11	3.35	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		2004	2006	2006	2002	2006	2009	2002	2000	2010	2002	2008	2001	MAR 2006	
	NORMAL NO. DAYS WITH:															
PRECIPITATION >= 0.01	30	7.2	6.1	7.4	7.2	9.3	7.2	4.7	4.6	5.8	7.1	6.6	6.4	79.6		
PRECIPITATION >= 1.00	30	0.3	0.8	0.9	1.1	2.0	1.5	0.7	0.6	0.8	1.6	0.7	0.8	11.8		
SNOWFALL	NORMAL (IN)	30	0.8	0.6	0.*	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	1.8	
	MAXIMUM MONTHLY (IN)	7	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	2007	2007						2006	2009	FEB 2010	
	MAXIMUM IN 24 HOURS (IN)	7	0.5	7.8	1.4	T	T	0.0	0.0	0.0	0.0	0.0	0.2	1.9	7.8	
	YEAR OF OCCURRENCE		2009	2010	2010	2007	2007						2006	2009	FEB 2010	
	MAXIMUM SNOW DEPTH (IN)	7	T	7	T	0	0	0	0	0	0	0	0	T	7	
	YEAR OF OCCURRENCE		2009	2010	2010									2006	FEB 2010	
NORMAL NO. DAYS WITH:																
SNOWFALL >= 1.0	30	0.4	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7		

**PRECIPITATION (inches) 2010 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
POR= 29 YRS	2.05	2.38	3.47	3.26	3.87	3.83	2.64	2.30	2.93	3.11	2.71	2.61	35.16

WBAN : 13960

**AVERAGE TEMPERATURE (°F) 2010 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
POR= 29 YRS	46.5	45.4	57.6	64.1	73.5	79.8	84.6	85.3	77.1	67.2	56.1	46.5	65.3

**HEATING DEGREE DAYS (base 65°F) 2010 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-	0	0	0	21	225	455							

WBAN : 13960

**COOLING DEGREE DAYS (base 65°F) 2010 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

**SNOWFALL (inches) 2010 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-	0.0	0.0	0.0	0.0	0.0	0.0							
POR= 22 YRS	0.0	0.0	0.0	0.0	0.1	0.5	0.8	1.2	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. 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 MEDADATA SYSTEM", URL IS: <a href="https://mi3.ncdc.noaa.gov/mi3qry/login.cfm">https://mi3.ncdc.noaa.gov/mi3qry/login.cfm</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 the "Summary of the Day First Order Station" and "Cooperative Summary of the Day" archives.</p>
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**2010  
DALLAS  
TEXAS (KDAL)**

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