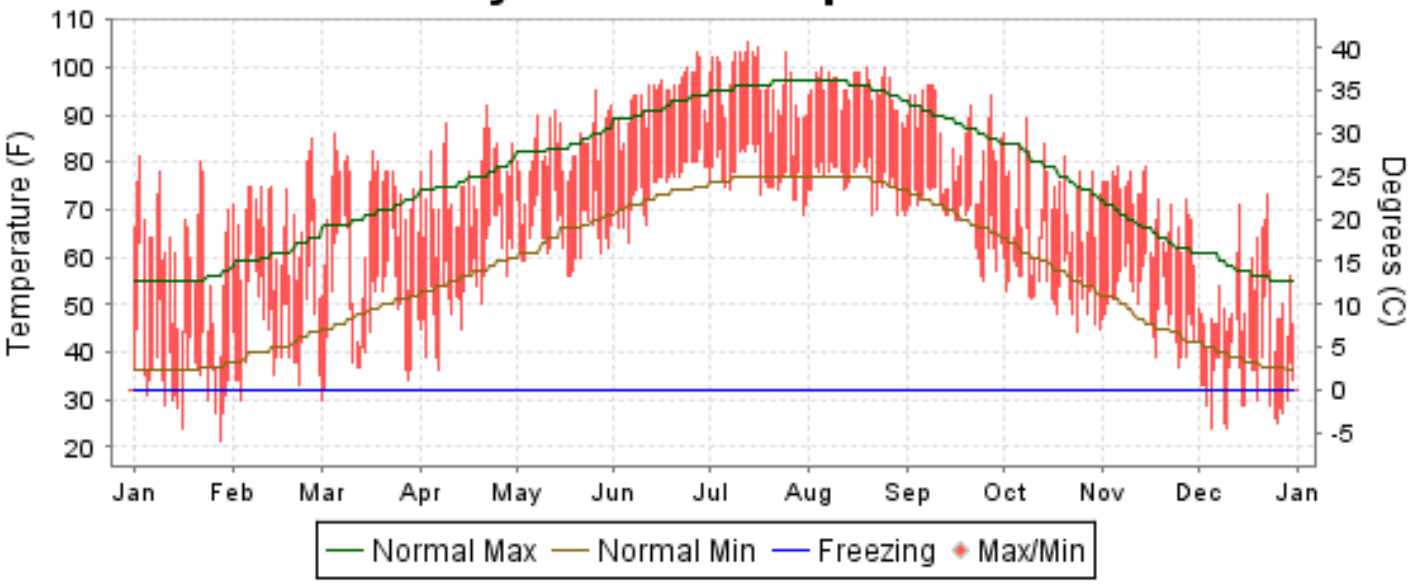
2009
LOCAL CLIMATOLOGICAL DATA
ANNUAL SUMMARY WITH COMPARATIVE DATA

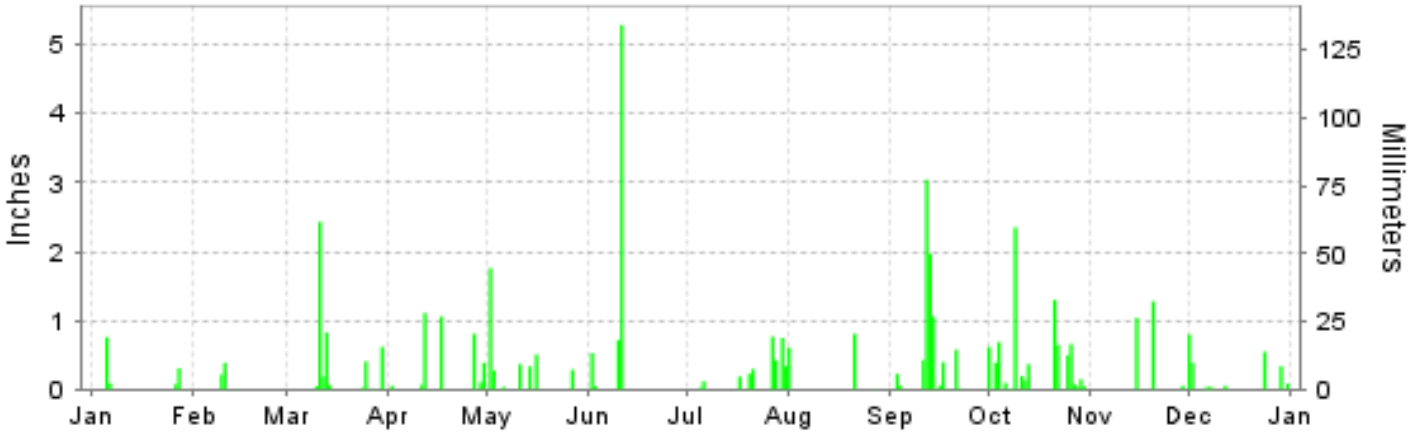
ISSN 1528-7408

DALLAS,
TEXAS (KDAL)

Daily Max/Min Temperature



Daily Precipitation



Daily Station Pressure

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NATIONAL 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 2009
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	60.3	67.4	69.4	76.1	83.0	94.0	96.5	95.6	85.2	72.4	70.5	52.1	76.9
	HIGHEST DAILY MAXIMUM	81	85	86	92	95	103	105	100	96	89	79	73	105
	DATE OF OCCURRENCE	03	26	05	22	26	27	13	25+	09+	08	15+	23	JUL 13
	MEAN DAILY MINIMUM	35.6	45.2	49.4	54.6	64.7	74.8	77.4	76.1	68.1	54.2	49.4	34.5	57.0
	LOWEST DAILY MINIMUM	21	30	30	36	56	63	69	69	55	44	37	24	21
	DATE OF OCCURRENCE	28	04	01	07	18+	05	30	31+	25	24	25	10+	JAN 28
	AVERAGE DRY BULB	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
	MEAN WET BULB	39.6	47.9	51.7	56.6	65.9	72.5	73.5	73.3	68.2	58.2	53.6	38.6	58.3
	MEAN DEW POINT	29.2	37.8	44.5	48.9	61.0	66.7	67.1	67.3	63.6	54.4	48.1	32.1	51.7
	NUMBER OF DAYS WITH:													
	MAXIMUM >= 90°	0	0	0	1	5	23	26	29	11	0	0	0	95
	MAXIMUM <= 32°	2	0	0	0	0	0	0	0	0	0	0	0	2
	MINIMUM <= 32°	11	1	2	0	0	0	0	0	0	0	0	13	27
	MINIMUM <= 0°	0	0	0	0	0	0	0	0	0	0	0	0	0
H/C	HEATING DEGREE DAYS	528	259	233	87	2	0	0	0	0	101	161	665	2036
	COOLING DEGREE DAYS	7	22	68	105	284	591	690	654	359	53	20	0	2853
RH	MEAN (PERCENT)	55	54	63	60	68	58	56	57	68	76	69	69	63
	HOUR 00 LST	57	57	65	66	73	61	61	63	75	81	77	72	67
	HOUR 06 LST	68	71	76	75	84	75	73	77	83	86	85	78	78
	HOUR 12 LST	49	50	57	55	60	50	47	48	58	69	56	62	55
	HOUR 18 LST	43	41	50	46	55	43	42	41	57	68	56	62	50
S	PERCENT POSSIBLE SUNSHINE													
W/O	NUMBER OF DAYS WITH:													
	HEAVY FOG(VISBY <= 1/4 MI)	1	0	0	1	0	0	0	0	0	2	1	2	7
	THUNDERSTORMS	1	1	3	6	5	5	8	3	5	6	2	0	45
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.)	29.59	29.58	29.49	29.41	29.41	29.34	29.42	29.45	29.45	29.43	29.56	29.56	29.47
	MEAN SEA-LEVEL PRESS. (IN.)	30.12	30.10	30.01	29.93	29.92	29.84	29.92	29.95	29.96	29.94	30.08	30.09	29.99
WINDS	RESULTANT SPEED (MPH)	1.1	3.8	6.3	5.0	4.0	7.0	4.4	5.6	1.7	2.4	2.0	1.0	3.2
	RES. DIR. (TENS OF DEGS.)	31	16	15	16	13	16	15	14	07	14	18	35	15
	MEAN SPEED (MPH)	8.7	11.9	12.5	12.6	9.2	10.1	8.1	9.2	7.5	9.3	7.1	8.0	9.5
	PREVAIL.DIR.(TENS OF DEGS.)	18	16	16	16	16	18	16	17	35	16	17	35	18
	MAXIMUM 2-MINUTE WIND													
	SPEED (MPH)	30	37	33	39	37	34	33	30	32	36	28	33	39
	DIR. (TENS OF DEGS.)	34	16	17	08	15	30	33	15	13	35	33	31	08
	DATE OF OCCURRENCE	12	08	23	17	14	10	30	21	10	01	16	24	APR 17
	MAXIMUM 3-SECOND WIND:													
	SPEED (MPH)	40	43	41	48	43	52	45	38	40	44	36	47	52
	DIR. (TENS OF DEGS.)	34	16	17	09	15	30	33	07	30	34	32	31	30
	DATE OF OCCURRENCE	13	08	23	17	14	10	30	05	21	01	16	24	JUN 10
PRECIPITATION	WATER EQUIVALENT:													
	TOTAL (IN.)	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
	GREATEST 24-HOUR (IN.)	0.83	0.39	2.53	1.18	2.04	6.00	1.01	0.81	4.52	2.35	1.28	1.19	6.00
	DATE OF OCCURRENCE	05-06	10	11-12	11-12	02-03	10-11	27-28	21	12-13	09	20	01-02	JUN 10-11
	NUMBER OF DAYS WITH:													
	PRECIPITATION 0.01	4	3	9	8	9	4	10	3	11	18	3	9	91
	PRECIPITATION 0.10	1	2	5	5	6	3	8	2	7	13	2	4	58
	PRECIPITATION 1.00	0	0	1	2	1	1	0	0	3	2	2	0	12
SNOWFALL	SNOW,ICE PELLETS,HAIL	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.2	2.7
	TOTAL (IN.)	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.9	1.9
	GREATEST 24-HOUR (IN.)	27											24	DEC 24
	DATE OF OCCURRENCE	1	0	0	0	0	0	0	0	0	0	0	T	1
	MAXIMUM SNOW DEPTH (IN.)												25	JAN null
	DATE OF OCCURRENCE													
	NUMBER OF DAYS WITH:	0	0	0	0	0	0	0	0	0	0	0	1	1
	SNOWFALL >= 1.0													

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	28	58.1	56.6	69.4	75.3	84.2	89.9	95.4	96.5	88.6	79.4	67.5	57.4	76.5
	HIGHEST DAILY MAXIMUM	10	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	SEP 2000
	MEAN OF EXTREME MAXS.	28	76.8	79.9	83.8	89.4	95.1	96.8	102.2	103.6	97.7	91.7	83.0	77.3	89.8
	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	28	35.1	34.5	45.8	52.6	62.5	68.7	73.6	73.7	65.4	54.7	44.4	35.3	53.9
	LOWEST DAILY MINIMUM	10	19	18	17	35	46	61	68	63	49	38	28	16	16
	YEAR OF OCCURRENCE		2002	2007	2002	2003	2004	2004	2004	2004	2000	2008	2006	2005	DEC 2005
	MEAN OF EXTREME MINS.	28	23.5	25.6	31.2	40.9	53.2	63.4	70.5	69.6	56.5	42.5	32.3	23.6	44.4
	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	28	46.6	45.6	57.6	64.0	73.4	79.5	84.5	85.1	77.0	67.1	56.0	46.4	65.2
	MEAN WET BULB	10	38.0	41.4	48.9	56.6	65.0	70.0	71.7	71.7	66.1	57.9	49.1	39.5	56.3
	MEAN DEW POINT	10	38.1	41.5	47.8	55.6	64.1	69.5	70.7	70.0	64.1	56.4	47.7	37.5	55.3
	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)	10	0.4	0.5	0.2	0.3	0.1	0.0	0.0	0.0	0.2	0.5	0.5	0.9	3.6
	THUNDERSTORMS	10	1.3	2.3	3.8	4.8	7.4	7.5	4.7	4.6	2.9	4.2	1.7	1.8	47.0
CLOUDNESS	MEAN:														
	SUNRISE-SUNSET (OKTAS)														
	MIDNIGHT-MIDNIGHT (OKTAS)														
	MEAN NO. DAYS WITH:														
	CLEAR														
	PARTLY CLOUDY														
	CLOUDY														
PR	MEAN STATION PRESSURE(IN)	10	29.63	29.58	29.49	29.44	29.40	29.41	29.45	29.44	29.46	29.51	29.57	29.60	29.50
	MEAN SEA-LEVEL PRES. (IN)	10	30.16	30.10	30.01	29.95	29.91	29.91	29.95	29.94	29.97	30.02	30.09	30.13	30.01
WINDS	MEAN SPEED (MPH)	10	9.1	10.1	10.8	11.5	10.8	10.2	8.8	8.3	8.0	8.7	8.7	9.2	9.5
	PREVAIL.DIR(TENS OF DEGS)	4	18	17	17	17	16	17	17	17	13	16	17	17	17
	MAXIMUM 2-MINUTE:														
	SPEED (MPH)	10	41	39	38	44	41	58	40	43	46	36	52	36	58
	DIR. (TENS OF DEGS)		31	18	13	01	03	36	11	33	01	35	19	31	36
	YEAR OF OCCURRENCE		2008	2004	2007	2008	2007	2004	2003	2008	2005	2009	2004	2002	JUN 2004
	MAXIMUM 3-SECOND														
	SPEED (MPH)	10	52	48	47	58	49	74	47	64	54	44	76	47	76
	DIR. (TENS OF DEGS)		31	25	29	27	03	01	17	34	01	34	18	31	18
	YEAR OF OCCURRENCE		2008	2007	2000	2008	2007	2004	2006	2008	2005	2009	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)	10	5.03	6.80	8.45	3.85	6.60	9.71	4.13	3.11	7.86	8.32	7.01	5.11	9.71
	YEAR OF OCCURRENCE		2007	2001	2008	2008	2007	2007	2004	2007	2009	2009	2000	2002	JUN 2007
	MINIMUM MONTHLY (IN)	10	0.37	0.51	2.86	1.54	2.48	0.33	T	.82	1.13	1.08	.06	0.29	T
	YEAR OF OCCURRENCE		2008	2007	2005	2007	2004	2008	2005	2005	2005	2008	2005	2008	JUL 2005
	MAXIMUM IN 24 HOURS (IN)	10	3.35	3.93	6.90	1.88	2.82	6.00	T	T	5.10	4.77	3.32	3.36	6.90
	YEAR OF OCCURRENCE		2004	2006	2006	2002	2006	2009	2002	2000	2007	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)	6	0.7	3.6	0.4	T	T	0.0	T	T	0.0	0.0	0.2	2.2	3.6
	YEAR OF OCCURRENCE		2007	2004	2008	2007	2007						2006	2009	FEB 2004
	MAXIMUM IN 24 HOURS (IN)	6	0.5	3.6	T	T	T	0.0	0.0	0.0	0.0	0.0	0.2	1.9	3.6
	YEAR OF OCCURRENCE'		2009	2004	2007	2007	2007						2006	2009	FEB 2004
	MAXIMUM SNOW DEPTH (IN)	6	T	2	T	0	0	0	0	0	0	0	0	T	2
	YEAR OF OCCURRENCE		2009	2004	2008									2006	FEB 2004
	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) 2009 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
POR= 28 YRS	2.00	2.37	3.48	3.31	3.98	3.83	2.63	2.37	2.67	3.21	2.70	2.64	35.19

WBAN : 13960

AVERAGE TEMPERATURE (°F) 2009 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
POR= 28 YRS	46.6	45.6	57.6	64.0	73.4	79.5	84.5	85.1	77.0	67.1	56.0	46.4	65.2

HEATING DEGREE DAYS (base 65°F) 2009 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-	0	0	0	101	161	665							

WBAN : 13960

COOLING DEGREE DAYS (base 65°F) 2009 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

SNOWFALL (inches) 2009 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-	0.0	0.0	0.0	0.0	0.0	2.2							
POR= 21 YRS	0.0	0.0	0.0	0.0	0.1	0.5	0.8	0.9	0.1	T	T	0.0	2.4

WBAN : 13960

REFERENCE NOTES :

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).

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).

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.

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: https://mi3.ncdc.noaa.gov/mi3qry/login.cfm

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.

2009
DALLAS
TEXAS (KDAL)

No Narrative.

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