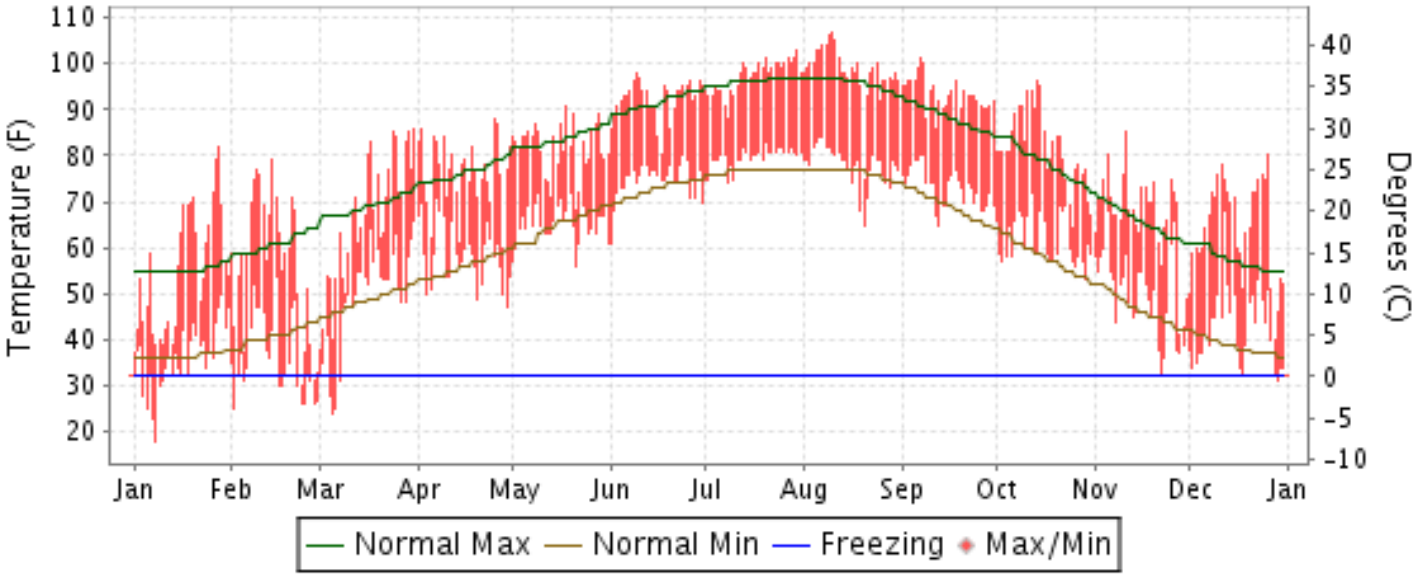
2015
LOCAL CLIMATOLOGICAL DATA
ANNUAL SUMMARY WITH COMPARATIVE DATA

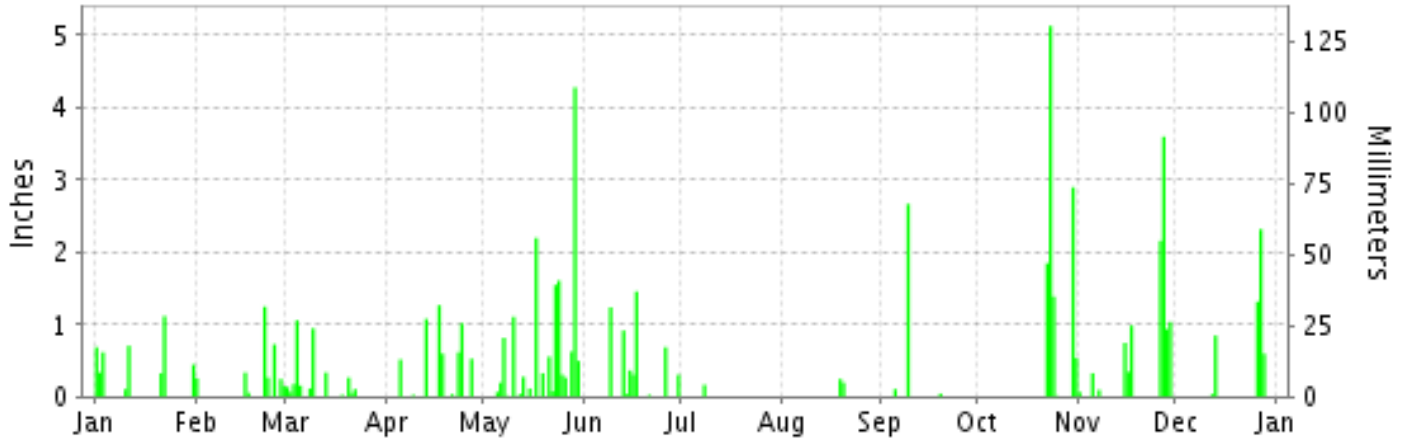
ISSN 1528-7408

DALLAS,
TEXAS (KDAL)

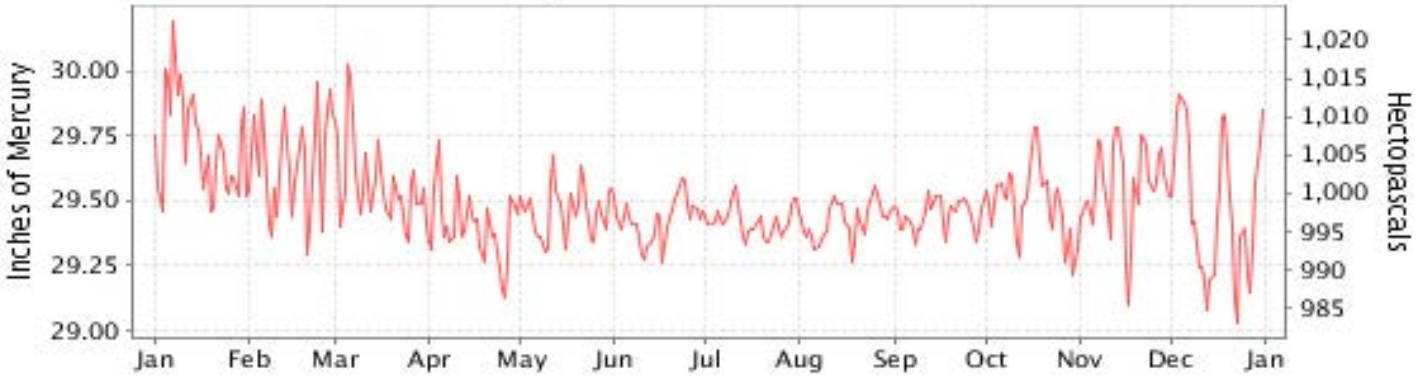
Daily Max/Min Temperature



Daily Precipitation



Daily Station Pressure



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NATIONAL ENVIRONMENTAL SATELLITE, DATA AND INFORMATION SERVICE

NATIONAL CENTERS for ENVIRONMENTAL INFORMATION (NCEI) ASHEVILLE, NORTH CAROLINA

DIRECTOR NCEI

METEOROLOGICAL DATA FOR 2015
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	55.2	57.0	66.4	76.4	81.6	92.3	97.2	98.4	93.1	81.8	67.1	64.3	77.6
	HIGHEST DAILY MAXIMUM	82	79	86	88	91	98	103	107	101	96	85	80	107
	DATE OF OCCURRENCE	28	14	31	25	18	09	30	10	07	14	11	26	AUG 10
	MEAN DAILY MINIMUM	36.2	36.5	49.1	58.7	65.3	74.8	79.7	78.0	73.2	61.7	49.9	42.5	58.8
	LOWEST DAILY MINIMUM	18	25	24	47	56	61	74	65	65	53	32	31	18
	DATE OF OCCURRENCE	08	02	05	29	21	01	08	20	13	29	22	29	JAN 08
	AVERAGE DRY BULB	45.7	46.8	57.8	67.6	73.5	83.5	88.4	88.2	83.1	71.8	58.5	53.4	68.2
	MEAN WET BULB	39.2	40.8	52.1	60.8	67.1	73.3	74.5	72.3	70.0	60.9	52.6	47.8	59.3
	MEAN DEW POINT	30.6	34.0	47.5	55.9	63.5	68.3	68.3	64.4	63.1	52.5	47.0	41.8	53.1
	NUMBER OF DAYS WITH:													
	MAXIMUM >= 90°	0	0	0	0	1	25	30	30	27	7	0	0	120
	MAXIMUM <= 32°	0	2	0	0	0	0	0	0	0	0	0	0	2
	MINIMUM <= 32°	8	10	5	0	0	0	0	0	0	0	1	1	25
	MINIMUM <= 0°	0	0	0	0	0	0	0	0	0	0	0	0	0
H/C	HEATING DEGREE DAYS	593	502	269	40	3	0	0	0	0	6	215	359	1987
	COOLING DEGREE DAYS	0	0	53	124	273	563	732	726	552	226	26	8	3283
RH	MEAN (PERCENT)	60	66	73	69	74	62	53	48	54	56	70	68	63
	HOUR 00 LST	64	68	78	74	80	68	56	52	58	60	73	76	67
	HOUR 06 LST	72	77	84	83	85	78	71	66	73	71	81	81	77
	HOUR 12 LST	52	60	67	61	66	53	46	41	45	48	63	57	55
	HOUR 18 LST	53	56	63	58	65	49	39	36	40	45	61	59	52
W/O	NUMBER OF DAYS WITH:													
	HEAVY FOG(VISBY <= 1/4 MI)	0	1	4	1	0	0	0	0	0	1	1	0	8
	THUNDERSTORMS	2	2	3	13	16	6	1	3	1	4	6	4	61
PR	MEAN STATION PRESS. (IN.)	29.72	29.64	29.58	29.40	29.46	29.43	29.42	29.42	29.44	29.49	29.56	29.47	29.50
	MEAN SEA-LEVEL PRESS. (IN.)	30.25	30.17	30.11	29.91	29.97	29.94	29.93	29.93	29.95	30.01	30.08	29.99	30.02
WINDS	RESULTANT SPEED (MPH)	2.1	1.6	0.8	3.7	7.3	5.9	9.1	5.6	5.5	2.7	3.3	2.2	3.4
	RES. DIR. (TENS OF DEGS.)	02	06	08	14	15	17	18	15	14	10	15	18	16
	MEAN SPEED (MPH)	7.8	9.8	8.2	10.2	11.3	8.9	10.5	8.7	8.4	8.1	9.5	8.3	9.1
	PREVAIL.DIR.(TENS OF DEGS.)	34	36	17	18	16	17	17	17	17	12	16	16	17
	MAXIMUM 2-MINUTE WIND													
	SPEED (MPH)	29	29	30	36	39	54	30	25	24	33	35	33	54
	DIR. (TENS OF DEGS.)	33	18	34	30	16	04	26	01	15	15	36	16	04
	DATE OF OCCURRENCE	25	20	26	24	23	09	08	19	15	30	21	26	JUN 09
	MAXIMUM 3-SECOND WIND:													
	SPEED (MPH)	39	37	40	56	51	68	43	32	31	41	46	44	68
	DIR. (TENS OF DEGS.)	35	18	33	30	16	05	26	01	16	15	29	25	05
	DATE OF OCCURRENCE	07	20	26	24	23	09	08	19	15	30	17	13	JUN 09
PRECIPITATION	WATER EQUIVALENT:	4.37	3.31	3.49	5.74	14.98	5.37	0.17	0.45	2.83	11.83	10.35	5.13	68.02
	TOTAL (IN.)	1.45	1.51	1.22	1.55	4.91	1.71	0.17	0.45	2.67	5.55	4.62	3.07	5.55
	GREATEST 24-HOUR (IN.)	21-22	22-23	04-05	17-18	28-29	16-17	08	19-20	09	23-24	26-27	26-27	OCT 23-24
	DATE OF OCCURRENCE													
	NUMBER OF DAYS WITH:	8	8	12	12	19	9	1	2	3	6	12	5	97
	PRECIPITATION 0.01	8	7	9	7	15	7	1	2	2	5	9	4	76
	PRECIPITATION 0.10	1	1	1	3	5	2	0	0	1	4	3	2	23
	PRECIPITATION 1.00													
SNOWFALL	SNOW,ICE PELLETS,HAIL	0.0	2.8	3.3	T	0.0	0.0	0.0	0.0	0.0	0.0	0.0	T	6.1
	TOTAL (IN.)	0.0	2.0	3.0	T	0.0	0.0	0.0	0.0	0.0	0.0	0.0	T	3.0
	GREATEST 24-HOUR (IN.)		27	05	21								28	MAR 05
	DATE OF OCCURRENCE	0	T	3	0	0	0	0	0	0	0	0	0	3
	MAXIMUM SNOW DEPTH (IN.)		25+	05										MAR 05
	DATE OF OCCURRENCE													
	NUMBER OF DAYS WITH:	0	1	1	0	0	0	0	0	0	0	0	0	2
	SNOWFALL >= 1.0													

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
TEMPERATURE °F	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	34	58.0	57.0	69.4	75.9	84.3	90.7	95.8	97.1	89.2	79.6	67.5	57.8	76.9
	HIGHEST DAILY MAXIMUM	16	83	85	90	100	100	107	108	111	110	97	88	88	111
	YEAR OF OCCURRENCE		2006	2009	2006	2006	2003	2012	2012	2011	2000	2014	2005	2005	AUG 2011
	MEAN OF EXTREME MAXS.	34	77.3	79.6	84.3	89.2	95.1	98.5	103.1	104.8	99.4	91.8	83.4	78.2	90.4
	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	34	35.4	35.3	46.3	53.6	63.1	70.0	74.5	74.7	66.5	55.5	44.9	36.2	54.7
	LOWEST DAILY MINIMUM	16	14	14	16	35	40	61	65	63	49	37	25	16	14
	YEAR OF OCCURRENCE		2010	2011	2014	2003	2013	2015	2014	2004	2000	2012	2014	2005	FEB 2011
	MEAN OF EXTREME MINS.	34	22.4	24.9	30.5	41.6	51.9	63.9	71.0	69.2	57.4	43.2	31.6	24.5	44.3
	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	34	46.7	46.1	57.9	64.8	73.7	80.5	85.1	85.9	77.9	67.6	56.2	47.0	65.8
	MEAN WET BULB	16	35.6	38.9	46.8	55.1	63.1	68.9	70.1	69.4	64.3	55.8	46.6	38.6	54.4
	MEAN DEW POINT	16	38.9	41.9	49.0	57.0	64.6	70.7	71.7	71.1	65.7	57.6	48.4	39.8	56.4
	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
H/C	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
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)	16	0.8	0.6	0.4	0.3	0.2	0.0	0.0	0.0	0.2	0.6	0.6	0.7	4.4
	THUNDERSTORMS	16	1.4	1.9	3.4	5.4	7.6	6.3	4.2	4.2	2.8	3.8	1.9	1.8	44.7
CLOUDINESS	MEAN:														
	SUNRISE-SUNSET (OKTAS)														
	MIDNIGHT-MIDNIGHT (OKTAS)														
	MEAN NO. DAYS WITH:														
	CLEAR														
	PARTLY CLOUDY														
	CLOUDY														
PR	MEAN STATION PRESSURE(IN)	16	29.62	29.57	29.49	29.42	29.40	29.40	29.45	29.43	29.45	29.50	29.58	29.59	29.49
	MEAN SEA-LEVEL PRES. (IN)	16	30.16	30.10	30.02	29.93	29.91	29.90	29.95	29.93	29.96	30.02	30.10	30.12	30.01
WINDS	MEAN SPEED (MPH)	16	8.8	9.9	10.7	11.5	11.0	10.2	8.8	8.2	7.9	8.6	9.0	8.9	9.5
	PREVAIL.DIR(TENS OF DEGS)	10	18	17	17	17	17	17	17	17	17	17	16	16	17
	MAXIMUM 2-MINUTE:														
	SPEED (MPH)	16	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	28	19	29	36
	YEAR OF OCCURRENCE		2008	2004	2012	2008	2012	2004	2013	2008	2005	2014	2004	2012	JUN 2004
	MAXIMUM 3-SECOND														
	SPEED (MPH)	16	52	48	53	58	58	74	52	64	54	67	76	66	76
	DIR. (TENS OF DEGS)		31	25	17	27	18	01	06	34	01	29	18	29	18
	YEAR OF OCCURRENCE		2008	2007	2012	2008	2012	2004	2012	2008	2005	2014	2004	2012	NOV 2004
PRECIPITATION	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)	16	6.56	6.80	8.45	5.74	14.98	9.71	4.13	4.72	9.54	11.83	10.35	5.13	14.98
	YEAR OF OCCURRENCE		2012	2001	2008	2015	2015	2007	2004	2012	2010	2015	2015	2015	MAY 2015
	MINIMUM MONTHLY (IN)	16	0.19	0.49	0.28	1.54	1.32	0.33	T	0.43	0.11	0.65	0.01	0.29	0.01
	YEAR OF OCCURRENCE		2014	2014	2011	2012	2010	2008	2011	2010	2014	2012	2012	2008	NOV 2012
	MAXIMUM IN 24 HOURS (IN)	16	4.50	3.93	6.90	1.88	4.91	6.00	T	T	5.65	5.55	4.62	3.36	6.90
	YEAR OF OCCURRENCE		2012	2006	2006	2002	2015	2009	2002	2000	2010	2015	2015	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
SNOWFALL	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)	12	0.7	8.8	3.3	T	T	0.0	T	T	0.0	0.0	0.2	2.2	8.8
	YEAR OF OCCURRENCE		2007	2010	2015	2015	2011		2011				2006	2009	FEB 2010
	MAXIMUM IN 24 HOURS (IN)	12	0.5	7.8	3.0	T	T	0.0	0.0	0.0	0.0	0.0	0.2	2.0	7.8
	YEAR OF OCCURRENCE'		2009	2010	2015	2015	2011						2006	2013	FEB 2010
	MAXIMUM SNOW DEPTH (IN)	12	T	7	T	0	0	0	0	0	0	0	T	T	7
	YEAR OF OCCURRENCE		2009	2010	2015								2014	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) 2015 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
2014	0.19	0.49	1.54	1.82	3.99	2.92	1.18	3.26	0.11	3.10	2.12	1.76	22.48
2015	4.37	3.31	3.49	5.74	14.98	5.37	0.17	0.45	2.83	11.83	10.35	5.13	68.02
POR= 34 YRS	2.22	2.30	3.39	3.23	4.25	3.78	2.35	2.28	2.81	3.30	2.78	2.72	35.41

WBAN : 13960

AVERAGE TEMPERATURE (°F) 2015 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
2014	45.9	47.3	55.5	66.7	74.1	82.2	84.3	86.2	80.5	72.2	53.0	51.6	66.6
2015	45.7	46.8	57.8	67.6	73.5	83.5	88.4	88.2	83.1	71.8	58.5	53.4	68.2
POR= 34 YRS	46.7	46.1	57.9	64.8	73.7	80.5	85.1	85.9	77.9	67.6	56.2	47.0	65.8

HEATING DEGREE DAYS (base 65°F) 2015 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							
2013-14	0	0	0	34	328	632	584	488	309	93	9	0	2477
2014-15	0	0	1	10	362	413	593	502	269	40	3	0	2193
2015-	0	0	0	6	215	359							

WBAN : 13960

COOLING DEGREE DAYS (base 65°F) 2015 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
2014	0	1	22	148	299	520	607	665	474	243	10	3	2992
2015	0	0	53	124	273	563	732	726	552	226	26	8	3283

SNOWFALL (inches) 2015 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							
2013-14	0.0	0.0	0.0	0.0	T	2.0	0.0	0.4	0.4	0.0	0.0	0.0	2.8
2014-15	0.0	0.0	0.0	0.0	T	0.0	0.0	2.8	3.3	T	0.0	0.0	6.1
2015-	0.0	0.0	0.0	0.0	0.0	T							
POR= 27 YRS	0.0	0.0	0.0	0.0	T	0.6	0.7	1.4	0.2	T	T	0.0	2.9

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.
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.
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 SATION HISTORY INFORMATION GO TO "Historical Observing Metadata Repository", URL IS:
http://www.ncdc.noaa.gov/homr/
SNOWFALL STOPPED MONTH & YEAR INDICATED ABOVE. NO FURTHER YEARS INCLUDED UNLESS RESTARTED.

NOTE:

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.

2015
DALLAS
TEXAS (KDAL)

No Narrative.

Station History

DALLAS, TX

NAME	Begin Date	End Date	Latitude	Longitude	Elevation Feet	Relocation	Platform
DALLAS LOVE FIELD	1990-05-18	1997-11-19	32° 51'	-96° 51'	440		COOP,WXSVC
DALLAS FAA AP	2014-08-01	Present	32° 51'	-96° 51'	440		ASOS,COOP
DALLAS LOVE FIELD	1958-01-01	1974-07-01	32° 51'	-96° 51'	522		COOP,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	1974-07-01	1974-07-31	32° 51'	-96° 51'	522		AIRWAYS,COOP,WXSVC
DALLAS LOVE FIELD	1930-04-01	1941-01-01	32° 51'	-96° 52'			WXSVC
DALLAS LOVE FIELD	1997-11-19	2008-10-01	32° 51'	-96° 51'	440		AIRWAYS,ASOS,COOP
DALLAS LOVE FIELD	1946-08-01	1958-01-01	32° 51'	-96° 51'	502		COOP,WXSVC
DALLAS LOVE FIELD	2008-10-01	2014-08-01	32° 51'	-96° 51'	440		ASOS,COOP
DALLAS LOVE FIELD	1941-01-01	1946-08-01	32° 51'	-96° 51'			WXSVC

Element History

Element	Begin Date	End Date	Frequency	Time Of Observation	Equipment *	Equipment * Modifications	Equipment Exposure
PRECIP	1962-12-05	1973-03-01	DAILY	2400	SRG		
PRECIP	1975-07-01	1988-04-27	DAILY	2400	SRG		ROOF
PRECIP	1997-11-19	2008-10-01	DAILY	2400	SRG		ROOF
PRECIP	2008-10-01	2009-05-28	HOURLY	2400	AHTB	RCRD;HTD	
TEMP	2009-05-28	2014-08-01	DAILY	2400	ATEMP		
PRECIP	2014-08-01	Present	DAILY	2400	PCPNX		ROOF;TOWER
PRECIP	1962-12-05	1973-03-01	HOURLY	2400	TB	RCRD	
PRECIP	1997-11-19	2008-10-01	HOURLY	2400	F&P	RCRD	
WIND	2008-10-01	2009-05-28	HOURLY	UNKN	ANEMCUP		
TEMP	2014-08-01	Present	DAILY	2400	ATEMP		
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	1997-11-19	DAILY	2400	HYGR		
PRECIP	2014-08-01	Present	DAILY	2400	PCPNX		
TEMP	1962-12-05	1973-03-01	DAILY	2400			
TEMP	1973-03-01	1975-07-01	DAILY	2400			
PRECIP	2009-05-28	2014-08-01	DAILY	2400	PCPNX		
PRECIP	2009-05-28	2014-08-01	HOURLY	2400	AHTB	RCRD;HTD	
PRECIP	1973-03-01	1975-07-01	DAILY	2400	SRG		ROOF
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	1997-11-19	HOURLY	2400	F&P	RCRD	
PRECIP	2008-10-01	2009-05-28	DAILY	2400	PCPNX		
TEMP	2008-10-01	2009-05-28	DAILY	2400	ATEMP		
WIND	2014-08-01	Present	HOURLY	UNKN	ANEMSONIC		
WIND	1997-11-19	2008-10-01	HOURLY	UNKN	ANEMCUP		
PRECIP	2014-08-01	Present	HOURLY	2400	AHTB	RCRD;HTD	
PRECIP	1988-04-27	1997-11-19	DAILY	2400	SRG		ROOF
TEMP	1997-11-19	2008-10-01	DAILY	2400	HYGR		
WIND	2009-05-28	2014-08-01	HOURLY	UNKN	ANEMSONIC		

* For explanation of codes and abbrevitions 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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Fax Number : (828) 271-4876
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