

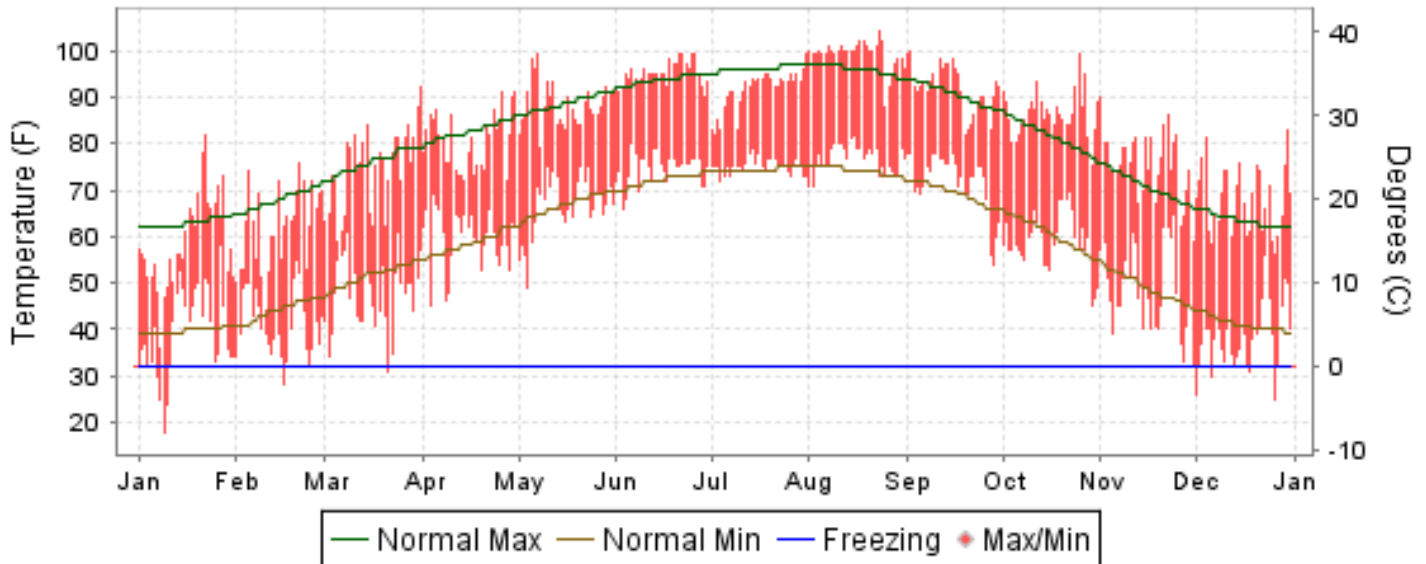


# 2010 LOCAL CLIMATOLOGICAL DATA ANNUAL SUMMARY WITH COMPARATIVE DATA

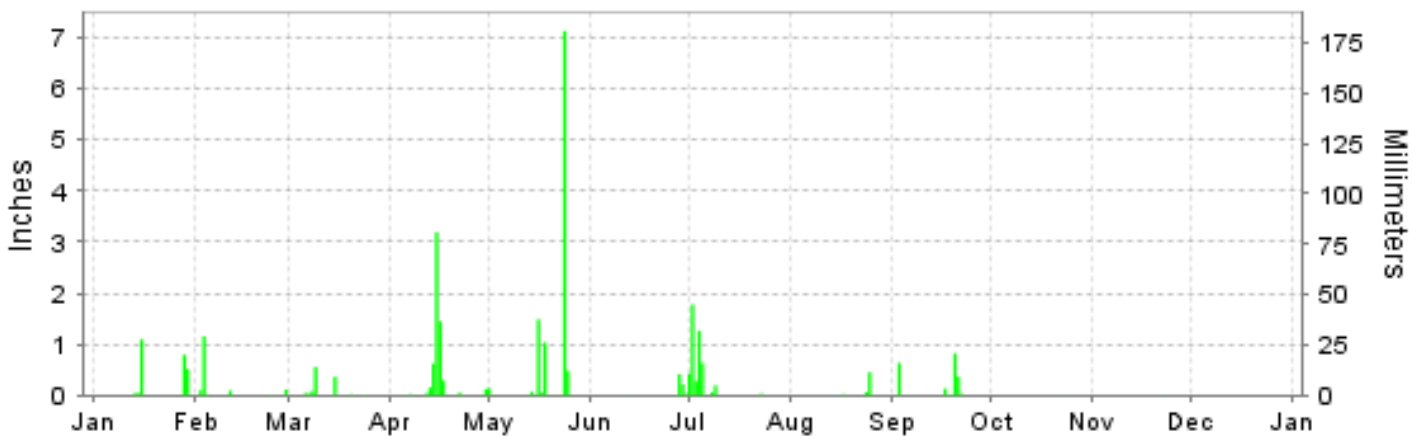
ISSN 0198-4985

## DEL RIO, TEXAS (KDRT)

### Daily Max/Min Temperature



### Daily Precipitation



### Daily Station Pressure



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AND INFORMATION SERVICE

NATIONAL  
CLIMATIC DATA CENTER  
ASHEVILLE, NORTH CAROLINA

*Thomas R. Karl*  
DIRECTOR  
NATIONAL CLIMATIC DATA CENTER

# METEOROLOGICAL DATA FOR 2010

## DEL RIO (KDRT)

LATITUDE: 29° 22'N      LONGITUDE: -100° 55'W      ELEVATION (FT): GRND: 1008    BARO: 1029      TIME ZONE: CENTRAL (UTC -6)      WBAN: 22010

ELEMENT		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR	
TEMPERATURE °F	MEAN DAILY MAXIMUM	58.9	62.0	74.7	80.5	88.3	95.0	91.5	99.2	91.9	86.4	75.6	67.8	81.0	
	HIGHEST DAILY MAXIMUM	82	76	92	91	99	99	99	104	100	99	90	83	104	
	DATE OF OCCURRENCE	22	21	31	30+	07	26+	31	23	02	25	01	30	AUG 23	
	MEAN DAILY MINIMUM	39.5	41.1	47.6	59.7	66.7	74.7	75.2	76.7	71.8	59.0	48.4	38.1	58.2	
	LOWEST DAILY MINIMUM	18	28	31	45	49	66	72	71	54	45	32	25	18	
	DATE OF OCCURRENCE	09	16	21	03	04	03	04	02+	28	29	30	26	JAN 09	
	AVERAGE DRY BULB	49.2	51.6	61.2	70.1	77.5	84.9	83.4	88.0	81.9	72.7	62.0	53.0	69.6	
	MEAN WET BULB	43.4	44.9	50.5	61.0	68.1	74.0	74.8	73.2	71.2	59.9	51.4	43.4	59.7	
	MEAN DEW POINT	36.6	37.6	39.3	54.1	62.3	69.3	71.4	66.5	66.2	49.9	39.8	31.7	52.1	
	NUMBER OF DAYS WITH:														
	MAXIMUM >= 90°	0	0	1	3	13	30	24	30	23	5	1	0	130	
MAXIMUM <= 32°	0	0	0	0	0	0	0	0	0	0	0	0	0		
MINIMUM <= 32°	7	2	1	0	0	0	0	0	0	0	1	8	19		
MINIMUM <= 0°	0	0	0	0	0	0	0	0	0	0	0	0	0		
H/C	HEATING DEGREE DAYS	484	370	147	8	0	0	0	0	0	5	137	368	1519	
	COOLING DEGREE DAYS	2	0	37	167	395	603	576	721	513	249	55	2	3320	
RH	MEAN (PERCENT)	69	66	53	63	64	64	72	53	65	50	50	51	60	
	HOUR 00 LST	75	70	58	69	69	69	77	55	72	53	52	57	65	
	HOUR 06 LST	81	84	76	82	82	86	88	77	85	71	70	69	79	
	HOUR 12 LST	64	59	43	56	59	58	64	47	55	42	42	44	53	
	HOUR 18 LST	54	49	32	46	48	46	56	33	48	33	34	37	43	
S	PERCENT POSSIBLE SUNSHINE														
W/O	NUMBER OF DAYS WITH:														
	HEAVY FOG(VISBY <= 1/4 MI)	2	1	2	0	1	0	1	0	1	0	1	1	10	
	THUNDERSTORMS	2	0	2	5	5	3	4	2	1	0	0	0	24	
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.)	29.01	28.92	28.87	28.79	28.76	28.78	28.84	28.80	28.83	28.94	28.95	28.97	28.87	
	MEAN SEA-LEVEL PRESS. (IN.)	30.10	30.01	29.94	29.85	29.81	29.82	29.89	29.84	29.88	29.99	30.02	30.05	29.93	
WINDS	RESULTANT SPEED (MPH)	1.8	2.9	1.9	5.2	7.3	9.6	7.9	7.0	5.4	5.0	2.2	1.9	4.7	
	RES. DIR. (TENS OF DEGS.)	08	10	08	11	11	12	13	13	11	12	09	08	12	
	MEAN SPEED (MPH)	8.3	8.3	9.6	9.9	9.4	10.6	9.1	8.6	7.7	6.7	8.7	6.1	8.6	
	PREVAIL.DIR.(TENS OF DEGS.)	12	11	12	12	12	12	12	12	12	12	13	11	12	
	MAXIMUM 2-MINUTE WIND														
	SPEED (MPH)	36	41	41	31	49	32	36	33	32	23	30	25	49	
	DIR. (TENS OF DEGS.)	30	30	29	28	31	23	14	02	10	16	29	33	31	
	DATE OF OCCURRENCE	28	28	11	24	24	10	23	17	17	21	15	11	MAY 24	
	MAXIMUM 3-SECOND WIND:														
	SPEED (MPH)	43	52	52	39	66	41	51	46	46	30	38	35	66	
DIR. (TENS OF DEGS.)	29	31	29	29	31	20	15	02	10	15	31	33	31		
DATE OF OCCURRENCE	28	28	11	24	24	10	23	17	17	21	29	11	MAY 24		
PRECIPITATION	WATER EQUIVALENT:														
	TOTAL (IN.)	2.52	1.54	1.16	6.03	10.45	0.71	4.72	0.57	2.06	0.01	0.01	T	29.78	
	GREATEST 24-HOUR (IN.)	1.32	1.26	0.65	3.82	7.61	0.44	1.89	0.53	1.15	0.01	0.01	T	7.61	
	DATE OF OCCURRENCE	28-29	02-03	08-09	14-15	24-25	27-28	02-03	24-25	20-21	23	23	24+	MAY 24-25	
	NUMBER OF DAYS WITH:														
	PRECIPITATION 0.01	5	6	7	11	9	5	8	4	8	1	1	0	65	
PRECIPITATION 0.10	3	4	2	6	5	2	6	1	4	0	0	0	33		
PRECIPITATION 1.00	1	1	0	2	3	0	2	0	0	0	0	0	9		
SNOWFALL	SNOW,ICE PELLETS,HAIL														
	TOTAL (IN.)														
	GREATEST 24-HOUR (IN.)														
	DATE OF OCCURRENCE														
	MAXIMUM SNOW DEPTH (IN.)														
DATE OF OCCURRENCE															
SNOWFALL >= 1.0															



**PRECIPITATION (inches) 2010 DEL RIO (KDRT)**

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1981	0.67	0.21	1.64	7.51	1.94	5.54	0.56	2.18	0.36	6.64	0.10	0.06	27.41
1982	0.12	2.45	0.13	0.47	1.59	2.37	0.86	0.12	1.10	0.17	1.77	0.79	11.94
1983	0.70	1.01	1.07	0.13	1.19	1.07	0.32	0.79	1.35	5.09	1.42	0.06	14.20
1984	1.44	0.24	0.06	0.55	2.09	0.45	0.90	0.51	2.78	3.02	1.03	2.44	15.51
1985	1.25	0.51	0.81	2.51	2.20	3.91	1.71	T	2.81	0.63	1.05	0.03	17.42
1986	1.69	0.17	0.02	0.78	3.56	4.47	1.20	0.81	3.70	5.44	0.42	2.36	24.62
1987	0.16	3.47	0.77	3.21	3.89	5.74	1.97	2.05	0.58	0.24	0.45	0.59	23.12
1988	0.05	0.18	0.15	0.12	1.45	1.78	4.38	2.17	4.48	0.27	T	0.38	15.41
1989	1.06	1.04	0.92	0.18	1.94	0.26	0.26	0.23	1.24	0.49	1.32	0.30	9.24
1990	0.59	1.25	3.20	4.82	2.13	T	4.13	0.43	6.19	1.51	1.16	0.22	25.63
1991	0.57	0.75	0.04	1.88	2.37	2.73	1.23	0.75	7.07	0.17	1.42	3.06	22.04
1992	1.92	3.80	2.57	1.27	4.13	1.82	4.28	1.15	0.41	0.80	0.69	0.42	23.26
1993	0.60	0.77	0.47	0.72	1.29	5.28	0.97	2.54	0.77	0.68	0.13	0.18	14.40
1994	2.36	1.61	2.49	1.74	2.61	0.05	5.07	0.57	1.24	1.70	0.39	3.14	22.97
1995	0.03	0.31	1.06	0.75	7.33	0.16	0.08	1.11	3.06	2.13	1.24	0.49	17.75
1996	T	0.39	0.02	0.62	1.20	0.02	0.07	4.77	2.09	0.88	0.87	0.34	11.27
1997	0.20	2.01	2.77	2.55	5.66	3.70	0.77	0.23	1.41	2.39	0.77	0.55	23.01
1998	0.01	0.34	1.06	0.01	0.08	1.35	T	20.85	1.43	1.46	1.94	0.24	28.77
1999	0.01	0.01	1.89	3.17	0.29	5.61	1.48	2.42	T	0.39	T	0.01	15.28
2000	0.03	0.94	0.28	0.90	1.03	4.38	0.65	0.11	1.32	5.00	2.82	0.51	17.97
2001	1.08	0.54	0.90	0.22	1.33	T	0.13	0.35	2.24	0.43	1.12	0.35	8.69
2002	0.01	0.02	0.10	1.44	1.81	3.09	0.87	0.63	1.28	7.39	0.73	0.31	17.68
2003	0.32	0.43	0.68	0.09	6.90	1.01	5.34	0.92	3.36	4.47	0.37	0.04	23.93
2004	0.81	0.74	3.48	3.34	2.39	2.28	1.79	2.48	3.96	4.57	4.71	0.40	30.95
2005	0.90	1.38	1.74	0.09	2.49	0.10	3.73	1.69	0.02	8.72	T	0.06	20.92
2006	0.25	0.04	0.16	0.59	1.83	2.07	0.01	1.36	2.38	0.53	0.01	0.36	9.59
2007	2.22	0.03	2.36	1.93	7.93	4.61	4.72	1.25	3.49	0.76	1.18	0.32	30.80
2008	0.08	0.02	0.57	0.06	0.58	2.73	0.97	11.32	0.28	0.16	T	0.41	17.18
2009	0.03	0.00	1.52	1.86	0.46	3.07	0.17	0.06	3.37	0.65	0.71	1.01	12.91
2010	2.52	1.54	1.16	6.03	10.45	0.71	4.72	0.57	2.06	0.01	0.01	T	29.78
POR= 53 YRS	0.58	0.83	0.93	1.81	2.58	1.96	1.65	1.85	2.50	2.15	0.89	0.58	18.31

WBAN : 22010

**AVERAGE TEMPERATURE (°F) 2010 DEL RIO (KDRT)**

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1981	52.2	55.3	61.6	71.4	76.3	80.5	84.3	84.9	80.4	72.1	63.0	54.5	69.7
1982	50.9	52.2	64.9	71.0	76.0	84.3	86.2	87.3	81.2	72.2	59.6	51.8	69.8
1983	51.1	55.1	62.5	69.0	78.0	81.9	86.3	86.2	81.1	72.9	62.4	44.6	69.3
1984	47.4	57.0	65.7	72.8	79.7	84.3	85.8	86.7	78.8	71.8	59.0	57.9	70.6
1985	45.4	51.8	64.2	71.1	79.1	81.1	83.6	87.3	80.7	71.6	64.6	49.7	69.2
1986	52.8	60.5	66.8	75.6	77.4	81.1	85.7	85.3	81.1	69.1	58.9	51.2	70.5
1987	51.4	55.8	57.5	65.4	74.9	79.1	82.7	85.2	79.1	71.6	59.3	53.0	67.9
1988	47.7	54.8	63.5	71.5	76.8	82.9	84.5	84.4	79.8	71.6	63.2	53.6	69.5
1989	55.3	52.4	62.7	71.5	82.0	84.8	87.3	85.1	78.6	70.8	60.4	44.3	69.6
1990	55.4	59.5	62.4	69.7	77.5	87.8	82.7	83.5	78.9	69.5	62.6	52.4	70.2
1991	51.5	58.3	66.7	74.1	80.7	83.5	84.6	86.7	77.2	72.8	57.4	55.5	70.8
1992	51.7	58.2	64.4	69.3	74.1	82.9	84.5	83.2	81.8	74.0	58.0	55.5	69.8
1993	52.2	57.4	65.0	71.7	77.4	82.7	86.1	87.0	79.4	71.3	57.8	57.0	70.4
1994	54.3	57.4	65.8	72.0	77.7	87.0	86.7	86.0	79.2	72.6	62.5	57.3	71.5
1995	54.3	60.3	62.6	72.0	79.4	83.0	88.1	87.5	81.0	71.5	61.2	54.5	71.3
1996	53.1	59.3	61.1	70.9	83.4	87.8	89.3	85.7	79.5	71.1	60.9	52.9	71.3
1997	49.5	53.8	64.7	65.3	75.3	80.7	86.5	88.0	83.6	70.2	58.3	50.1	68.8
1998	56.6	57.7	62.8	71.8	84.2	89.1	91.7	85.2	82.0	71.9	62.4	52.3	72.3
1999	54.6	62.9	65.1	73.2	79.8	83.4	84.4	87.8	81.1	71.3	63.9	53.9	71.8
2000	56.5	63.5	69.3	74.9	83.4	83.8	89.7	88.5	82.9	70.1	56.2	48.0	72.2
2001	50.4	58.0	60.2	74.4	81.2	87.9	89.1	88.3	79.7	71.3	63.3	54.1	71.5
2002	54.5	53.9	63.9	77.0	81.7	85.5	83.7	87.0	81.1	71.8	57.5	52.0	70.8
2003	50.8	54.1	65.3	73.7	82.8	83.2	82.7	86.1	78.3	71.1	61.8	54.0	70.3
2004	54.2	55.3	67.3	68.7	77.6	83.2	84.8	84.3	79.2	73.8	59.1	51.5	69.9
2005	56.2	56.2	62.6	70.8	76.7	84.7	88.0	84.3	85.4	70.9	62.1	51.5	70.8
2006	56.8	56.4	67.9	76.7	81.1	86.0	87.2	87.8	80.0	73.1	64.0	52.7	72.5
2007	47.2	56.2	67.0	68.4	74.8	80.2	81.2	84.1	80.4	73.6	62.3	53.1	69.0
2008	50.9	60.6	65.2	72.5	80.7	87.1	84.4	83.9	77.3	70.8	61.7	53.0	70.7
2009	53.9	61.5	65.4	71.7	80.6	87.3	90.0	89.2	79.3	70.8	60.9	49.0	71.6
2010	49.2	51.6	61.2	70.1	77.5	84.9	83.4	88.0	81.9	72.7	62.0	53.0	69.6
POR= 53 YRS	51.9	56.3	64.0	71.7	78.1	83.7	85.8	85.7	80.2	71.2	60.3	52.5	70.1

**HEATING DEGREE DAYS (base 65°F) 2010 DEL RIO (KDRT)**

YEAR	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	TOTAL
1981-82	0	0	0	33	92	319	436	359	125	42	0	0	1406
1982-83	0	0	0	20	221	409	423	269	103	66	0	0	1511
1983-84	0	0	0	2	141	625	539	240	82	9	0	0	1638
1984-85	0	0	10	22	214	222	603	367	96	28	0	0	1562
1985-86	0	0	8	9	85	466	370	173	41	4	0	0	1156
1986-87	0	0	0	19	205	419	414	252	235	98	0	0	1642
1987-88	0	0	0	2	220	362	533	307	142	12	0	0	1578
1988-89	0	0	0	0	131	346	299	362	162	39	0	0	1339
1989-90	0	0	2	40	171	634	300	169	133	30	8	0	1487
1990-91	0	0	0	34	128	388	412	195	58	2	0	0	1217
1991-92	0	0	13	24	247	294	405	193	70	36	0	0	1282
1992-93	0	0	0	0	230	291	394	218	102	5	0	0	1240
1993-94	0	0	0	69	221	258	325	226	97	13	3	0	1212
1994-95	0	0	0	20	116	251	327	144	160	15	0	0	1033
1995-96	0	0	10	5	137	325	365	238	205	46	0	0	1331
1996-97	0	0	0	18	171	372	480	315	81	76	0	0	1513
1997-98	0	0	0	38	207	456	255	208	166	0	0	0	1330
1998-99	0	0	0	15	96	390	324	106	63	16	0	0	1010
1999-00	0	0	0	34	87	339	268	108	33	15	0	0	884
2000-01	0	0	2	86	272	521	447	206	161	5	0	0	1700
2001-02	0	0	0	6	126	343	333	307	143	11	0	0	1269
2002-03	0	0	0	16	227	398	431	305	71	17	0	0	1465
2003-04	0	0	0	18	168	337	335	280	27	29	2	0	1196
2004-05	0	0	0	3	184	413	282	247	106	17	0	0	1252
2005-06	0	0	0	32	141	413	246	247	63	0	0	0	1142
2006-07	0	0	0	7	92	385	548	252	66	61	0	0	1411
2007-08	0	0	0	16	154	367	433	161	108	7	0	0	1246
2008-09	0	0	0	18	142	367	344	136	110	18	0	0	1135
2009-10	0	0	1	37	148	491	484	370	147	8	0	0	1686
2010-	0	0	0	5	137	368							

WBAN : 22010

**COOLING DEGREE DAYS (base 65°F) 2010 DEL RIO (KDRT)**

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
1981	0	15	24	210	356	472	603	624	470	258	40	0	3072
1982	7	9	129	228	348	587	662	698	493	253	68	5	3487
1983	0	0	33	193	409	511	669	664	489	253	71	0	3292
1984	0	12	111	249	463	585	651	682	431	241	40	12	3477
1985	0	6	78	218	443	491	580	698	481	222	81	0	3298
1986	0	51	103	329	389	493	650	637	491	153	30	0	3326
1987	0	0	8	120	314	431	556	634	428	216	55	0	2762
1988	0	19	104	217	374	543	610	609	449	210	84	2	3221
1989	7	15	98	243	534	599	698	631	418	228	40	0	3511
1990	13	20	58	177	401	694	557	581	423	177	61	4	3166
1991	0	11	115	283	494	560	614	677	386	273	27	7	3447
1992	0	1	58	173	286	545	609	574	510	287	26	3	3072
1993	0	12	110	212	391	536	660	690	442	271	13	14	3351
1994	2	20	129	230	403	667	678	657	430	263	50	20	3549
1995	0	21	91	232	454	547	724	705	497	216	28	5	3520
1996	5	78	90	232	577	690	759	649	441	213	54	0	3788
1997	4	9	81	93	324	478	677	721	565	206	15	0	3173
1998	1	11	106	215	603	728	833	635	518	236	24	4	3914
1999	5	55	72	271	467	559	610	713	491	233	61	1	3538
2000	11	70	174	318	579	572	774	737	549	249	13	0	4046
2001	0	18	21	294	506	694	757	732	451	211	80	14	3778
2002	14	3	114	376	525	621	584	687	490	236	8	0	3658
2003	1	7	87	282	559	553	559	661	403	216	77	0	3405
2004	6	5	107	150	401	554	621	605	434	282	11	0	3176
2005	15	9	39	196	370	601	719	606	620	223	62	0	3460
2006	0	14	160	356	507	637	693	711	457	266	70	10	3881
2007	0	11	136	171	315	464	507	599	469	288	80	7	3047
2008	0	39	122	240	496	668	605	596	373	202	50	2	3393
2009	2	45	130	225	492	677	781	760	437	224	33	0	3806
2010	2	0	37	167	395	603	576	721	513	249	55	2	3320

## SNOWFALL (inches) 2010 DEL RIO (KDRT)

YEAR	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	TOTAL
1979-80	0.0	0.0	0.0	0.0	0.0	0.0	0.0	T	0.0	0.0	0.0	0.0	T
1980-81	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.2
1981-82	0.0	0.0	0.0	0.0	0.0	0.0	1.0	T	0.0	0.0	0.0	0.0	1.0
1982-83	0.0	0.0	0.0	0.0	0.0	0.0	0.0	T		0.0	0.0	0.0	
1983-84	0.0	0.0	0.0	0.0	0.0	0.0	T	0.0	0.0	0.0	0.0	0.0	T
1984-85	0.0	0.0	0.0	0.0	0.0	0.0	9.8	T	0.0	0.0	0.0	0.0	9.8
1985-86	0.0	0.0	0.0	0.0	0.0	0.0	8.2	0.0	0.0	0.0	0.0	0.0	8.2
1986-87	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
1987-88	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1
1988-89	0.0	0.0	0.0	0.0	0.0	0.0	0.0	T	0.0	0.0	0.0	0.0	T
1989-90	0.0	0.0	0.0	0.0	0.0	T	0.0	0.0	0.0	T	0.0	0.0	T
1990-91	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	T	0.0	T
1991-92	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	T	0.0	0.0	0.0	T
1992-93	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
1993-94	0.0	0.0	0.0	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2
1994-95	0.0	0.0	0.0	0.0	0.0	0.0	T	0.0	0.0	0.0	T	0.0	T
1995-96	0.0	0.0	0.0	0.0	0.0	0.0	0.0	T	0.0				
1996-97													
1997-98													
1998-99													
1999-00													
2000-01													
2001-02													
2002-03													
2003-04													
2004-05													
2005-06													
2006-07													
2007-08													
2008-09													
POR= 40 YRS	0.0	0.0	0.0	0.0	0.0	T	0.5	0.1	0.1	T	T	0.0	0.7

WBAN : 22010

### 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.</p> <p>GENERAL CONTINUED: 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</p>	<p>NOT COMPUTED. 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.</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 DEL RIO TEXAS (KDRT)

Del Rio is located on the Rio Grande River, on the western tip of the Balcones escarpment, in southwest Texas. Elevation is near 1,000 feet and varies little within the city but rises to 2,300 feet in the northern part of the county. Regional agriculture is chiefly wool and mohair production to the north and west of Del Rio and garden crops to the southeast. Lake Amistad, a reservoir of 65,000 surface acres, lies 10 miles west of Del Rio.

The climate of Del Rio is semi-arid continental. Annual precipitation is insufficient for dry farming. However, San Felipe Springs and the Rio Grande provide adequate water for irrigation farming. Over 80 percent of the average annual precipitation occurs from April through October. During this period, rainfall is chiefly in the form of showers and thunderstorms, often as heavy downpours, resulting in flash flooding. The small amount of precipitation for November through March usually falls as steady light rain.

Hail occurs in the vicinity of Del Rio about once per year and reaches severe proportions about once every five years. Sleet or snow falls on an average of once a year, but frequently melts as it falls. A snowfall heavy enough to blanket the ground only occurs about once every four or five years, and seldom remains more than 24 hours.

Temperature averages indicate mild winters and quite warm summers. Cold periods in winter are ushered in by strong, dry, dusty north, and northwest winds known as northers, and temperature drops of as much as 25 degrees in a few hours are not uncommon. Cold weather periods usually do not last more than two or three days. Temperatures as low as 32 degrees have occurred as early as October and as late as March. Normal occurrences of the earliest freezing temperature in autumn and the latest in spring are early December and mid February, which results in an average growing season of 300 days. Hot weather is rather persistent from late May to mid September and temperatures above 100 degrees have been recorded as early as March and as late as October. Low humidity and fresh breezes tend to alleviate uncomfortable conditions usually associated with high temperatures. The mean early morning humidity is about 79 percent, and the mean afternoon humidity is near 44 percent.

Clear to partly cloudy skies predominate, and even in the more cloudy winter months, the mean number of cloudy days are less than the number of clear days.

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