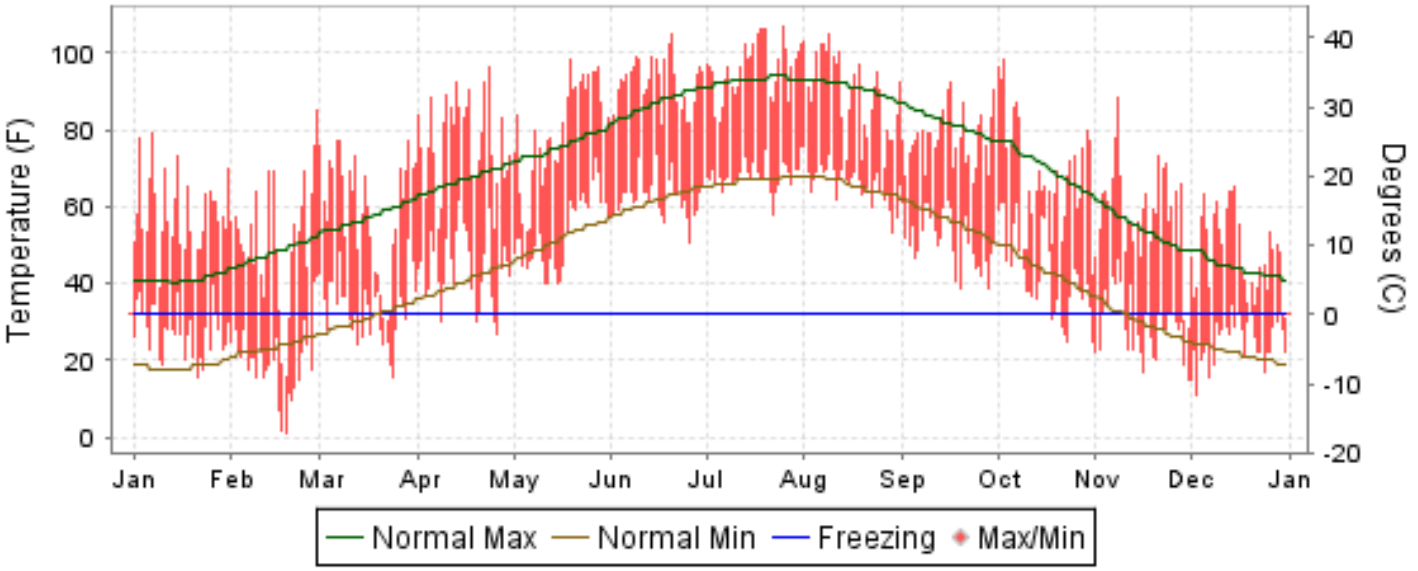
2006
LOCAL CLIMATOLOGICAL DATA
ANNUAL SUMMARY WITH COMPARATIVE DATA

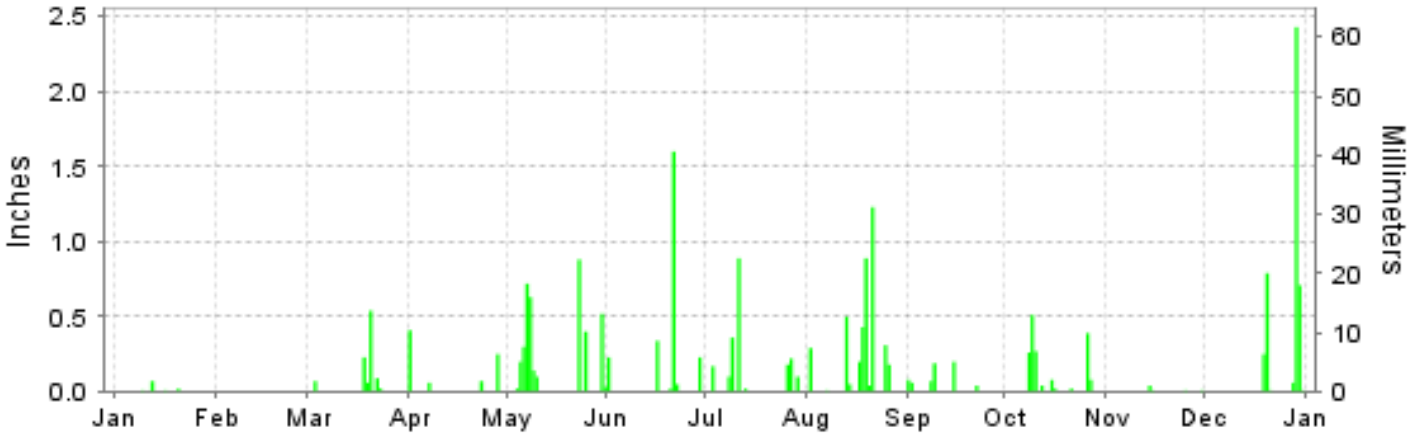
ISSN 0198-215X

DODGE CITY,
KANSAS (KDDC)

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 2006
DODGE CITY (KDDC)

LATITUDE: 37 ° 46'N **LONGITUDE:** -99 ° 58'W **ELEVATION (FT):** GRND: 2576 BARO: 2590 **TIME ZONE:** CENTRAL (UTC -6) **WBAN:** 13985

	ELEMENT	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
TEMPERATURE °F	MEAN DAILY MAXIMUM	58.2	51.4	59.4	76.9	79.7	92.0	96.0	89.5	77.7	69.0	58.6	48.0	71.4
	HIGHEST DAILY MAXIMUM	79	85	77	96	98	105	107	105	92	98	88	65	107
	DATE OF OCCURRENCE	07	28	29+	23	19	20	25	09	16	03	08	15	JUL 25
	MEAN DAILY MINIMUM	27.5	20.0	33.6	44.0	53.3	62.4	68.2	66.1	51.4	42.4	29.2	24.8	43.6
	LOWEST DAILY MINIMUM	16	1	16	27	40	51	58	53	39	25	15	11	1
	DATE OF OCCURRENCE	21	18	24	26	15+	26	22	29	28+	31+	30	03	FEB 18
	AVERAGE DRY BULB	42.9	35.7	46.5	60.5	66.5	77.2	82.1	77.8	64.6	55.7	43.9	36.4	57.5
	MEAN WET BULB	33.9	27.6	38.0	48.6	55.7	62.8	66.9	67.9	55.8	48.1	36.5	30.3	47.7
	MEAN DEW POINT	21.5	13.9	26.7	36.7	47.7	53.5	58.4	63.2	48.8	41.7	28.0	21.8	38.5
	NUMBER OF DAYS WITH:													
	MAXIMUM >= 90°	0	0	0	0	0	20	24	18	3	3	0	0	68
	MAXIMUM <= 32°	0	3	2	0	0	0	0	0	0	0	2	2	9
	MINIMUM <= 32°	24	26	14	4	0	0	0	0	0	6	21	30	125
	MINIMUM <= 0°	0	0	0	0	0	0	0	0	0	0	0	0	0
H/C	HEATING DEGREE DAYS	680	814	564	192	116	0	0	0	69	337	629	879	4280
	COOLING DEGREE DAYS	0	0	0	64	167	375	536	405	62	56	3	0	1668
RH	MEAN (PERCENT)	49	47	53	46	56	49	49	67	61	66	60	62	55
	HOUR 00 LST	53	52	58	53	70	60	59	78	70	75	69	68	64
	HOUR 06 LST	61	62	67	66	74	71	71	86	80	82	73	72	72
	HOUR 12 LST	38	35	43	34	44	34	35	54	46	52	43	50	42
	HOUR 18 LST	40	31	39	33	37	31	33	52	46	57	51	59	42
S	PERCENT POSSIBLE SUNSHINE	83	81	61	79	74	89	87	61	71	64	68	60	73
W/O	NUMBER OF DAYS WITH:													
	HEAVY FOG(VISBY <= 1/4 MI)	0	0	1	0	0	1	2	3	1	3	4	2	17
	THUNDERSTORMS	0	0	0	3	8	5	6	6	2	2	0	1	33
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.)	27.27	27.37	27.27	27.19	27.26	27.32	27.32	27.32	27.27	27.29	27.33	27.38	27.30
	MEAN SEA-LEVEL PRESS. (IN.)	29.99	30.12	29.98	29.84	29.90	29.93	29.92	29.94	29.91	29.97	30.05	30.13	29.97
WINDS	RESULTANT SPEED (MPH)	5.7	2.0	3.2	3.9	3.1	7.4	6.8	4.5	1.2	0.4	0.9	3.2	1.9
	RES. DIR. (TENS OF DEGS.)	27	32	16	23	11	17	17	16	21	13	30	31	20
	MEAN SPEED (MPH)	13.3	12.2	15.1	14.8	12.0	13.6	11.2	10.5	11.5	12.6	12.0	11.7	12.5
	PREVAIL.DIR.(TENS OF DEGS.)	31	19	17	18	16	17	17	17	18	17	19	02	17
	MAXIMUM 2-MINUTE WIND													
	SPEED (MPH)	36	35	46	44	55	48	55	44	39	38	49	38	55
	DIR. (TENS OF DEGS.)	35	21	23	29	30	23	17	35	17	36	34	01	17
	DATE OF OCCURRENCE	16	09	12	07	23	21	09	25	15	26	15	30	JUL 09
	MAXIMUM 5-SECOND WIND:													
	SPEED (MPH)	44	40	58	54	66	54	68	61	48	47	62	45	68
	DIR. (TENS OF DEGS.)	34	03	24	34	30	23	17	23	17	36	34	02	17
	DATE OF OCCURRENCE	12	15	12	07	23	21	09	18	15	26	15	30	JUL 09
PRECIPITATION	WATER EQUIVALENT:													
	TOTAL (IN.)	0.11	T	1.01	0.79	3.94	2.47	2.04	4.13	0.64	1.67	0.07	4.26	21.13
	GREATEST 24-HOUR (IN.)	0.07	T	0.56	0.41	0.88	1.63	0.89	1.32	0.22	0.65	0.05	2.68	2.68
	DATE OF OCCURRENCE	12	17+	19-20	01	23	21-22	11	18-19	08-09	08-09	14-15	29-30	DEC 29-30
	NUMBER OF DAYS WITH:													
	PRECIPITATION 0.01	4	0	6	4	11	6	8	11	6	9	4	7	76
	PRECIPITATION 0.10	0	0	2	2	9	4	7	8	2	4	0	4	42
	PRECIPITATION 1.00	0	0	0	0	0	1	0	1	0	0	0	1	3
SNOWFALL	SNOW,ICE PELLETS,HAIL	0.4	0.2	7.9	0.0	T	T	T	0.0	0.0	0.0	0.4	0.4	9.3
	TOTAL (IN.)	0.2	0.2	6.4	0.0	T	T	T	0.0	0.0	0.0	0.4	0.3	6.4
	GREATEST 24-HOUR (IN.)	09	17	20		08	21	11				30	31	MAR 20
	DATE OF OCCURRENCE	T	0	5	0	0	0	0	0	0	0	T	T	5
	MAXIMUM SNOW DEPTH (IN.)	10		23+								30+	31+	MAR 23+
	DATE OF OCCURRENCE													
	NUMBER OF DAYS WITH:													
	SNOWFALL >= 1.0	0	0	2	0	0	0	0	0	0	0	0	0	2

NORMALS, MEANS, AND EXTREMES
DODGE CITY (KDDC)

LATITUDE: 37 ° 46'N **LONGITUDE:** -99 ° 58'W **ELEVATION (FT):** GRND: 2576 BARO: 2590 **TIME ZONE:** CENTRAL (UTC -6) **WBAN:** 13985

	ELEMENT	POR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
TEMPERATURE °F	NORMAL DAILY MAXIMUM	30	41.4	48.3	57.3	67.1	75.9	86.9	92.8	90.8	82.0	70.4	54.5	44.4	67.7
	MEAN DAILY MAXIMUM	59	42.4	47.7	55.8	67.6	76.5	86.6	92.4	90.6	81.8	70.5	55.1	45.0	67.7
	HIGHEST DAILY MAXIMUM	63	80	85	93	100	105	110	109	107	106	98	91	86	110
	YEAR OF OCCURRENCE		1989	2006	1989	1989	1996	1998	1986	1983	1947	2006	1980	1955	JUN 1998
	MEAN OF EXTREME MAXS.	59	67.2	73.0	81.3	88.4	93.7	100.1	103.3	101.7	96.8	90.2	76.2	68.0	86.7
	NORMAL DAILY MINIMUM	30	18.7	23.6	31.2	40.7	51.7	61.6	66.8	65.6	56.5	43.8	30.2	21.7	42.7
	MEAN DAILY MINIMUM	59	19.0	23.2	29.9	41.0	51.9	61.4	67.0	65.5	56.4	44.1	30.4	22.0	42.7
	LOWEST DAILY MINIMUM	63	-13	-15	-15	14	26	41	46	47	29	14	0	-21	-21
	YEAR OF OCCURRENCE		1984	1951	1948	1997	1967	1954	1990	1950	1985	1993	1958	1989	DEC 1989
	MEAN OF EXTREME MINS.	59	-0.5	4.1	11.0	24.8	37.0	48.9	57.2	55.3	40.2	28.1	13.2	3.9	26.9
	NORMAL DRY BULB	30	30.1	36.0	44.3	53.9	63.8	74.3	79.8	78.2	69.3	57.1	42.4	33.1	55.2
	MEAN DRY BULB	59	30.7	35.5	42.9	54.3	64.2	74.2	79.7	78.1	69.1	57.3	42.7	33.5	55.2
	MEAN WET BULB	23	26.7	30.0	36.8	45.5	56.0	63.5	67.1	66.5	58.6	48.0	35.8	28.2	46.9
	MEAN DEW POINT	23	20.4	23.5	29.6	38.1	50.7	58.6	61.7	61.4	52.6	41.3	28.8	21.9	40.7
	NORMAL NO. DAYS WITH:														
	MAXIMUM >= 90	30	0.0	0.0	0.1	0.6	2.4	12.6	21.3	19.4	8.4	1.2	*	0.0	66.0
	MAXIMUM <= 32	30	8.6	5.2	1.8	0.1	0.0	0.0	0.0	0.0	0.0	0.2	1.9	5.5	23.3
	MINIMUM <= 32	30	29.4	22.7	17.4	5.3	0.2	0.0	0.0	0.0	0.2	3.2	17.9	28.3	124.6
	MINIMUM <= 0	30	1.9	1.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3	4.5
H/C	NORMAL HEATING DEG. DAYS	30	1087	826	647	351	121	12	1	2	65	273	674	978	5037
	NORMAL COOLING DEG. DAYS	30	0	0	2	18	79	291	462	407	193	28	1	0	1481
RH	NORMAL (PERCENT)	30	68	65	63	60	66	61	57	60	61	60	64	67	63
	HOUR 00 LST	30	74	72	70	70	76	71	67	69	69	68	72	73	71
	HOUR 06 LST	30	77	77	78	77	83	80	78	80	79	76	77	77	78
	HOUR 12 LST	30	59	55	52	47	53	48	45	47	47	46	52	57	51
	HOUR 18 LST	30	61	53	48	44	50	45	40	43	45	47	57	62	50
S	PERCENT POSSIBLE SUNSHINE	63	67	65	65	67	68	76	80	78	75	73	67	66	71
W/O	MEAN NO. DAYS WITH:														
	HEAVY FOG (VISBY <= 1/4 MI)	43	3.0	3.3	2.7	1.8	1.7	1.0	0.5	1.1	1.4	2.7	2.7	3.1	25.0
	THUNDERSTORMS	59	0.1	0.4	1.4	3.5	7.6	9.5	9.9	8.3	4.3	2.1	0.5	0.2	47.8
CLOUDNESS	MEAN:														
	SUNRISE-SUNSET (OKTAS)	1	4.8	4.0	4.8	5.1	3.6	2.0	2.4	2.4	4.0	3.2	4.0	3.2	3.6
	MIDNIGHT-MIDNIGHT (OKTAS)	1	4.0	4.0	5.3	5.3	3.6	1.6	2.4	2.4	3.2	4.0	4.0	3.2	3.6
	MEAN NO. DAYS WITH:														
	CLEAR	3	6.3	5.0	9.7	9.0	12.3	14.0	16.0	16.5	9.0	9.5	8.0	13.0	128.3
	PARTLY CLOUDY	3	3.0	6.5	4.7	4.0	4.0	5.3	4.5	5.0	1.0	5.5	4.5	3.0	51.0
	CLOUDY	3	9.0	6.0	4.7	7.5	4.7	2.7	3.0	3.0	2.5	4.5	4.5	5.0	57.1
PR	MEAN STATION PRESSURE (IN)	23	27.36	27.34	27.28	27.23	27.24	27.26	27.31	27.34	27.33	27.34	27.33	27.36	27.31
	MEAN SEA-LEVEL PRES. (IN)	23	30.12	30.09	29.99	29.91	29.88	29.88	29.92	29.95	29.97	30.02	30.06	30.12	29.99
WINDS	MEAN SPEED (MPH)	23	12.7	13.2	14.6	15.0	14.1	13.8	12.9	12.0	13.2	13.0	13.2	12.6	13.4
	PREVAIL.DIR (TENS OF DEGS)	35	20	20	19	19	19	19	19	19	19	19	19	20	19
	MAXIMUM 2-MINUTE:														
	SPEED (MPH)	14	56	47	49	51	55	60	56	63	51	49	49	46	63
	DIR. (TENS OF DEGS)		34	34	28	32	30	29	36	32	14	34	34	32	32
	YEAR OF OCCURRENCE		1996	2002	2000	2001	2006	1996	1996	2002	1996	2001	2006	2000	AUG 2002
	MAXIMUM 5-SECOND														
	SPEED (MPH)	14	66	57	59	62	66	70	79	75	59	72	62	56	79
	DIR. (TENS OF DEGS)		34	35	02	31	30	28	25	32	14	34	34	32	25
	YEAR OF OCCURRENCE		1996	1994	2001	2001	2006	1996	1996	2002	1996	2001	2006	2000	JUL 1996
PRECIPITATION	NORMAL (IN)	30	0.62	0.66	1.84	2.25	3.00	3.15	3.17	2.73	1.70	1.45	1.01	0.77	22.35
	MAXIMUM MONTHLY (IN)	63	1.96	2.87	8.84	6.26	8.69	7.95	9.13	7.44	6.80	4.94	3.75	4.26	9.13
	YEAR OF OCCURRENCE		1949	1993	1973	1976	1951	1951	1962	1977	1973	1997	1971	2006	JUL 1962
	MINIMUM MONTHLY (IN)	63	0.00	T	0.02	0.07	0.25	0.12	0.17	0.68	0.01	T	T	T	0.00
	YEAR OF OCCURRENCE		1986	2006	1997	1963	2004	1952	1946	1970	1980	1952	1989	1957	JAN 1986
	MAXIMUM IN 24 HOURS (IN)	63	1.35	1.82	2.54	4.64	5.57	3.28	4.17	4.48	3.27	4.55	2.42	2.68	5.57
	YEAR OF OCCURRENCE		1990	1993	1973	1978	1978	1944	1944	2003	1959	1968	1996	2006	MAY 1978
	NORMAL NO. DAYS WITH:														
	PRECIPITATION >= 0.01	30	4.6	4.5	7.3	7.3	9.8	8.7	8.4	7.8	5.8	5.4	4.9	4.5	79.0
	PRECIPITATION >= 1.00	30	*	0.1	0.3	0.5	0.6	0.9	0.7	0.5	0.4	0.2	0.3	0.1	4.6
SNOWFALL	NORMAL (IN)	30	4.9	4.4	5.1	1.0	0.*	0.0	0.0	0.0	0.1	0.5	1.9	3.7	21.6
	MAXIMUM MONTHLY (IN)	63	15.7	19.6	24.0	9.0	0.9	T	T	T	T	4.5	16.7	14.9	24.0
	YEAR OF OCCURRENCE		1990	1993	1970	1983	1978	2006	2006	1992	1985	1991	1992	1997	MAR 1970
	MAXIMUM IN 24 HOURS (IN)	63	11.8	12.0	15.1	7.4	0.9	T	T	T	T	4.3	6.7	11.6	15.1
	YEAR OF OCCURRENCE'		1990	1993	1999	1983	1978	1990	1992	1992	1985	1996	1948	1997	MAR 1999
	MAXIMUM SNOW DEPTH (IN)	61	12	10	14	6	T	0	0	0	0	3	8	12	14
	YEAR OF OCCURRENCE		1988	2003	1957	1983	1979					1976	1948	1997	MAR 1957
	NORMAL NO. DAYS WITH: SNOWFALL >= 1.0	30	1.5	1.2	1.4	0.3	0.0	0.0	0.0	0.0	0.0	0.1	0.6	1.1	6.2

PRECIPITATION (inches) 2006 DODGE CITY (KDDC)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1977	0.45	0.14	0.53	3.32	3.60	1.09	2.59	7.44	0.87	0.94	0.38	0.76	22.11
1978	0.54	1.35	0.97	4.74	4.55	3.45	0.24	0.95	2.26	0.04	1.25	0.42	20.76
1979	1.54	0.09	3.86	1.96	3.48	0.89	5.20	1.49	0.13	3.30	0.97	0.71	23.62
1980	1.06	1.46	2.87	1.89	3.60	3.85	2.00	2.06	0.01	0.23	0.01	0.76	19.80
1981	0.31	0.04	2.27	0.70	5.73	1.39	5.30	2.26	3.07	1.40	2.26	0.39	25.12
1982	0.18	1.30	0.81	0.66	2.74	3.65	5.54	1.01	1.31	0.84	0.44	1.04	19.52
1983	0.56	1.29	2.80	2.88	3.52	5.05	0.57	1.44	2.64	1.87	1.15	0.62	24.39
1984	0.68	0.20	2.73	4.38	1.38	1.89	0.63	1.35	0.35	2.87	0.10	2.41	18.97
1985	0.92	1.28	1.08	2.18	0.43	2.78	3.42	2.91	3.63	2.69	1.05	0.11	22.48
1986	0.00	0.44	0.18	2.19	1.31	4.70	2.12	5.60	1.22	0.93	0.63	0.96	20.28
1987	0.58	1.38	4.34	0.92	2.54	3.79	4.06	2.79	1.53	0.49	0.52	0.72	23.66
1988	0.89	0.13	0.53	3.08	3.56	0.15	1.95	1.11	2.80	0.56	0.10	0.10	14.96
1989	0.25	0.27	0.85	0.41	3.40	6.59	3.42	2.80	2.36	0.05	T	0.55	20.95
1990	1.60	1.17	1.64	3.64	4.91	1.01	3.07	1.19	1.45	0.18	0.42	0.60	20.88
1991	0.31	T	1.05	1.12	2.02	0.91	0.78	1.43	0.20	1.28	1.52	2.10	12.72
1992	0.39	0.35	1.43	0.21	3.06	6.98	2.67	2.90	0.48	0.71	1.58	0.90	21.66
1993	0.81	2.87	2.01	2.89	2.13	3.22	6.33	3.08	0.82	1.01	0.63	1.02	26.82
1994	0.41	0.45	0.06	1.90	0.89	1.88	4.74	3.48	0.90	1.72	1.73	0.94	19.10
1995	0.64	0.27	1.24	2.98	5.16	5.06	1.35	0.77	1.30	0.08	0.04	0.57	19.46
1996	0.41	0.07	1.46	0.54	3.70	3.31	6.09	7.34	5.08	1.40	3.03	T	32.43
1997	0.04	1.18	T	2.02	3.04	5.14	2.91	5.45	2.08	4.94	0.36	2.59	29.75
1998	0.75	0.33	2.73	1.11	2.66	1.56	4.81	1.30	0.01	4.20	2.02	0.29	21.77
1999	1.92	0.05	2.89	3.34	1.95	2.97	2.05	2.91	2.05	0.68	0.01	0.31	21.13
2000	0.50	0.16	4.97	2.03	1.82	2.83	4.19	1.91	0.19	2.74	0.13	0.46	21.93
2001	1.54	1.58	0.51	0.97	7.84	0.95	1.21	1.27	2.24	0.01	0.14	0.03	18.29
2002	0.65	0.38	0.29	1.05	1.35	1.42	0.57	5.14	0.19	2.85	0.02	0.61	14.52
2003	0.07	1.30	2.30	1.14	2.49	4.10	0.48	5.03	5.09	0.30	0.03	0.50	22.83
2004	0.05	1.03	1.96	2.53	0.25	4.36	5.20	2.12	2.82	1.64	2.34	0.16	24.46
2005	1.70	0.89	1.51	0.98	2.04	4.40	1.29	2.62	1.16	3.47	0.34	0.14	20.54
2006	0.11	T	1.01	0.79	3.94	2.47	2.04	4.13	0.64	1.67	0.07	4.26	21.13
POR= 59 YRS	0.54	0.65	1.53	1.79	3.08	3.08	3.07	2.77	1.85	1.43	0.77	0.65	21.21

WBAN : 13985

AVERAGE TEMPERATURE (°F) 2006 DODGE CITY (KDDC)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1977	23.7	41.9	47.8	58.9	68.8	79.5	84.3	77.6	72.4	58.6	44.5	35.6	57.8
1978	21.9	21.3	44.7	57.3	61.9	75.2	83.4	78.1	72.8	58.0	42.8	30.8	54.0
1979	14.8	28.6	45.0	54.1	60.5	73.7	78.0	74.1	70.7	58.4	37.5	34.4	52.5
1980	26.9	30.4	39.6	53.2	62.6	78.4	87.2	82.1	73.5	58.3	46.7	38.3	56.4
1981	36.1	38.8	44.0	61.0	61.6	78.5	82.2	78.0	71.6	56.4	47.5	34.1	57.5
1982	28.2	29.9	44.4	52.4	64.7	69.8	80.7	81.1	72.1	58.4	41.4	35.5	54.9
1983	33.2	37.0	43.1	48.0	61.1	71.8	84.1	86.5	74.2	59.5	44.3	18.4	55.1
1984	28.6	40.7	38.7	49.0	64.4	76.7	82.4	82.5	70.0	56.1	45.7	35.1	55.8
1985	25.9	32.4	45.9	58.1	67.2	73.7	80.1	77.2	67.0	54.4	35.5	29.8	53.9
1986	40.1	37.4	51.0	56.8	64.3	75.5	81.3	74.6	70.1	55.6	40.7	35.5	56.9
1987	33.0	40.3	43.2	55.3	65.3	73.2	76.9	76.1	68.8	55.7	45.2	33.6	55.6
1988	27.0	35.1	43.8	52.1	65.4	77.2	79.7	80.3	68.2	55.4	45.2	37.9	55.6
1989	37.4	25.3	45.3	58.9	65.1	68.0	76.7	75.0	65.1	58.7	44.1	27.2	53.9
1990	35.3	36.3	45.5	52.2	60.1	77.5	77.4	78.6	72.9	57.3	48.4	27.9	55.8
1991	28.7	43.6	47.0	56.2	69.2	77.4	81.6	78.7	70.4	57.2	36.3	37.3	57.0
1992	38.0	42.1	48.4	56.1	62.7	68.1	75.5	71.9	68.4	56.6	35.7	26.4	54.2
1993	25.1	28.6	41.1	50.3	62.8	72.0	78.4	76.5	65.5	53.0	38.2	36.1	52.3
1994	29.5	30.7	47.1	52.2	65.6	78.3	76.9	77.9	68.7	56.9	43.3	36.7	55.3
1995	33.0	40.5	43.1	50.2	57.6	69.4	77.8	82.0	67.1	56.4	44.8	32.8	54.6
1996	28.4	37.7	39.1	54.4	67.5	74.9	77.8	73.8	65.1	56.1	39.8	34.6	54.1
1997	30.3	35.4	47.3	48.1	61.3	71.7	77.7	75.1	70.4	57.0	40.3	31.5	53.8
1998	32.5	39.9	38.1	52.1	68.2	75.5	80.4	78.4	75.4	59.4	47.4	34.4	56.8
1999	33.6	44.0	42.4	53.1	63.3	70.8	80.6	78.9	65.5	56.6	49.9	37.4	56.3
2000	33.5	41.7	45.1	54.1	67.2	72.6	79.0	81.4	71.2	58.3	36.8	26.3	55.6
2001	32.4	29.9	41.9	57.8	63.7	73.8	84.7	79.6	69.1	56.8	48.2	37.2	56.3
2002	33.8	35.8	39.0	57.7	64.1	77.9	81.4	77.6	69.9	49.5	42.2	34.8	55.3
2003	34.0	31.1	44.0	55.6	63.4	70.8	82.9	79.7	65.0	58.4	41.8	35.3	55.2
2004	32.1	33.3	49.9	53.5	68.5	72.3	76.5	72.7	71.1	57.0	42.4	37.1	55.5
2005	31.3	39.9	45.2	54.6	65.4	75.0	79.4	78.2	74.1	59.7	48.1	33.5	57.0
2006	42.9	35.7	46.5	60.5	66.5	77.2	82.1	77.8	64.6	55.7	43.9	36.4	57.5
POR= 59 YRS	30.7	35.5	42.9	54.3	64.2	74.2	79.7	78.1	69.1	57.3	42.7	33.5	55.2

HEATING DEGREE DAYS (base 65°F) 2006 DODGE CITY (KDDC)

YEAR	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	TOTAL
1977-78	0	0	3	219	609	903	1330	1216	630	252	169	12	5343
1978-79	0	2	41	228	667	1054	1549	1013	615	343	175	25	5712
1979-80	0	7	27	237	816	940	1171	996	780	364	130	3	5471
1980-81	0	0	26	257	548	822	889	728	644	180	164	0	4258
1981-82	0	0	24	284	517	954	1131	979	632	381	67	26	4995
1982-83	0	0	30	221	701	907	980	778	670	509	164	20	4980
1983-84	0	0	49	209	617	1442	1122	699	805	473	96	3	5515
1984-85	0	0	117	295	570	916	1206	907	585	217	48	10	4871
1985-86	0	0	154	331	878	1086	766	765	438	269	66	0	4753
1986-87	0	6	36	285	722	911	988	685	669	321	63	3	4689
1987-88	4	8	24	290	585	964	1171	861	653	382	88	0	5030
1988-89	0	1	48	301	589	835	847	1105	616	270	110	50	4772
1989-90	0	0	130	236	623	1165	914	795	596	384	190	1	5034
1990-91	4	0	35	258	499	1147	1116	591	555	275	58	0	4538
1991-92	0	0	55	311	853	851	828	654	505	282	135	30	4504
1992-93	0	8	40	289	875	1188	1228	1013	732	439	129	23	5964
1993-94	0	11	87	392	797	887	1095	955	551	402	83	0	5260
1994-95	0	1	51	253	644	868	983	679	670	442	239	27	4857
1995-96	0	0	115	276	597	990	1128	785	795	328	94	7	5115
1996-97	6	0	80	297	748	932	1068	825	541	503	148	5	5153
1997-98	0	6	40	313	734	1030	999	694	830	388	61	36	5131
1998-99	0	0	20	200	518	943	965	582	692	352	100	21	4393
1999-00	1	0	103	272	447	848	968	670	611	329	86	9	4344
2000-01	0	0	81	220	840	1193	1003	974	710	233	98	17	5369
2001-02	0	0	41	276	498	854	962	814	801	259	124	0	4629
2002-03	0	0	40	486	674	931	953	944	642	298	118	21	5107
2003-04	0	7	94	235	688	914	1011	914	472	349	74	11	4769
2004-05	1	8	17	256	669	859	1037	696	609	319	110	2	4583
2005-06	0	0	15	233	500	971	680	814	564	192	116	0	4085
2006-	0	0	69	337	629	879							

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COOLING DEGREE DAYS (base 65°F) 2006 DODGE CITY (KDDC)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
1977	0	0	2	23	132	441	604	396	231	25	0	0	1854
1978	0	0	8	28	77	327	577	416	282	17	6	0	1738
1979	0	0	2	23	46	292	411	296	206	40	0	0	1316
1980	0	0	0	18	62	410	695	538	288	56	5	0	2072
1981	0	0	0	64	65	411	540	407	231	21	0	0	1739
1982	0	0	0	9	64	177	494	504	253	24	0	0	1525
1983	0	0	0	3	50	233	600	674	332	44	3	0	1939
1984	0	0	0	0	86	365	547	552	272	28	0	0	1850
1985	0	0	2	18	121	277	472	383	224	8	0	0	1505
1986	0	0	8	32	49	324	511	311	196	1	0	0	1432
1987	0	0	0	38	79	256	379	359	144	9	1	0	1265
1988	0	0	0	3	108	373	463	480	149	12	0	0	1588
1989	0	0	12	95	119	145	369	317	138	47	0	0	1242
1990	0	0	0	9	44	383	395	429	278	24	4	0	1566
1991	0	0	4	17	195	376	522	430	226	75	0	0	1845
1992	0	0	0	20	70	132	335	232	149	34	0	0	972
1993	0	0	0	3	67	239	420	372	106	26	0	0	1233
1994	0	0	2	23	106	406	376	409	168	9	0	0	1499
1995	0	0	0	8	19	168	405	534	186	16	0	0	1336
1996	0	0	0	16	176	310	406	280	89	28	0	0	1305
1997	0	0	0	3	41	213	403	329	208	71	0	0	1268
1998	0	0	5	5	168	358	484	420	338	36	0	0	1814
1999	0	0	1	3	57	203	491	439	127	19	0	0	1340
2000	0	0	0	10	161	242	441	516	274	22	0	0	1666
2001	0	0	0	26	69	287	620	460	169	30	0	0	1661
2002	0	0	0	47	103	395	515	395	193	12	0	0	1660
2003	0	0	0	24	72	202	564	468	97	39	0	0	1466
2004	0	0	10	12	190	238	363	254	208	13	0	0	1288
2005	0	0	0	10	131	310	452	414	292	73	0	0	1682
2006	0	0	0	64	167	375	536	405	62	56	3	0	1668

SNOWFALL (inches) 2006 DODGE CITY (KDDC)

YEAR	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	TOTAL
1977-78	0.0	0.0	0.0	0.0	0.7	T	5.6	16.5	5.0	0.0	0.9	0.0	28.7
1978-79	0.0	0.0	0.0	0.0	T	5.1	10.3	0.9	5.1	3.8	0.3	0.0	25.5
1979-80	0.0	0.0	0.0	T	T	3.4	5.4	15.1	10.2	1.5	0.0	0.0	35.6
1980-81	0.0	0.0	0.0	0.1	0.1	3.9	2.9	0.4	4.4	0.0	0.0	0.0	11.8
1981-82	0.0	0.0	0.0	0.0	T	3.6	0.6	13.6	1.4	0.0	0.0	0.0	19.2
1982-83	0.0	0.0	0.0	0.0	5.0	2.6	4.7	4.1	7.6	9.0	0.0	0.0	33.0
1983-84	0.0	0.0	0.0	0.0	2.8	6.2	6.8	0.1	11.0	0.3	0.0	0.0	27.2
1984-85	0.0	0.0	T	T	0.8	2.8	8.5	1.6	5.5	0.0	0.0	0.0	19.2
1985-86	0.0	0.0	T	0.0	9.8	1.1	0.0	2.8	T	0.0	0.0	0.0	13.7
1986-87	0.0	0.0	0.0	T	T	5.6	7.2	1.4	16.3	T	0.0	0.0	30.5
1987-88	0.0	0.0	0.0	0.0	2.5	7.2	11.8	T	3.5	0.0	0.0	0.0	25.0
1988-89	0.0	0.0	0.0	0.0	1.0	T	0.4	2.7	T	5.7	0.0	0.0	9.8
1989-90	T	0.0	0.0	0.0	T	5.0	15.7	7.7	0.5	0.4	0.0	0.0	29.3
1990-91	0.0	0.0	0.0	0.0	0.7	2.8	3.3	T	3.4	0.0	T	0.0	10.2
1991-92	0.0	0.0	0.0	4.5	1.0	T	T	0.0	0.6	0.0	T	0.0	6.1
1992-93	T	T	T	T	16.3	8.3	10.4	19.6	6.5	T	0.0	0.0	61.1
1993-94	0.0	0.0	0.0	0.2	T	2.8	1.8	1.0	1.0	0.1	0.0	0.0	6.9
1994-95	T	0.0	T	0.0	T	0.4	3.3	7.3	12.3	0.0	0.0	T	23.3
1995-96	0.0	0.0	1.4	0.0	0.1	6.9	1.7	1.0	3.4	T	0.0	0.0	14.5
1996-97	T	0.0	0.0	4.3	T	T	1.8	6.7	0.0	2.1	T	0.0	14.9
1997-98	T	0.0	0.0	2.0	1.4	14.9	0.7	0.3	18.5	0.1	T	T	37.9
1998-99	T	0.0	0.0	0.0	T	2.6	9.1	1.0	19.0	T	0.0	T	31.7
1999-00	0.0	0.0	0.0	0.0	T	2.5	4.8	T	3.5	T	0.0	0.0	10.8
2000-01	T	T	0.0	T	0.0	5.8	14.7	8.8	5.8	T	T	T	35.1
2001-02	0.0	0.0	T	0.0	0.0	0.3	6.2	5.3	0.6	0.0	T	0.0	12.4
2002-03	0.0	T	0.0	0.5	T	6.3	1.5	14.0	0.6	0.0	0.0	T	22.9
2003-04	0.0	0.0	0.0	0.0	T	5.9	0.4	5.7	0.8	2.9	0.0	T	15.7
2004-05	T	0.0	0.0	0.0	8.5	0.4	10.7	0.1	T	T	0.0	0.0	19.7
2005-06	0.0	T	0.0	T	1.0	3.9	0.4	0.2	7.9	0.0	T	T	13.4
2006-	T	0.0	0.0	0.0	0.4	0.4							
POR= 59 YRS	T	T	T	0.3	2.0	3.4	4.4	4.0	5.0	0.7	T	T	19.8

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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.

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 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.

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.

2006
DODGE CITY
KANSAS (KDDC)

The climate of Dodge City and southwestern Kansas is classified as semi-arid. Dodge City is nearly 300 miles east of the Rocky Mountains, but the weather reflects the influence of the mountains. The mountains form a barricade against all except high level moisture from the southwest, west, and northwest. Chinook winds occur occasionally but with less frequency and effect than at stations farther to the west. Relatively dry air predominating with an abundance of sunshine contribute to broad diurnal temperature ranges.

Thunderstorms during the growing season contribute most of the moisture. In general, the thunderstorms are widely scattered, occurring during the late afternoons and evenings. They are occasionally accompanied by hail and strong winds, but due to the local nature of the storms, damage to crops and buildings is spotty and variable. Winter is the dry season. However, the moisture accumulated during the winter months is important for the hard winter wheat. The duration of snow cover is generally brief due to mild temperatures and an abundance of sunshine. The exception results from the occasional blizzard that spreads across the flat treeless prairies of the high plains.

Afternoon temperatures in the 90s prevail during the summer months. Temperatures above 100 degrees are the exception. Due to low humidity and a continual breeze, these high temperatures are moderated. Temperatures normally drop sharply after sunset, allowing cool comfortable nights. During the winter months, large temperature changes are frequent, but the duration of extreme cold spells is brief.

The visibility at Dodge City is generally unrestricted as the terrain is favorable for unrestricted movement of air and air masses. Western Kansas is noted for clear skies and an abundance of sunshine.

Based on the 1951-1980 period, the average first occurrence of 32 degrees Fahrenheit in the fall is October 23 and the average last occurrence in the spring is April 21.

Station Location DODGE CITY

LOCATION	Occupied From	Occupied To	Airline Distances and Directions from previous Location	Latitude NORTH	Longitude WEST	ELEVATION ABOVE SEA LEVEL	ELEVATION ABOVE GROUND								* AUTOMATIC OBSERVING EQUIPMENT	REMARKS
						GROUND TEMPERATURE SITE	WIND INSTRUMENT	EXTREME THERMOMETERS	PSYCHROMETER	SUNSHINE SWITCH	TIPPING BUCKET RAIN GAUGE	WEIGHING RAIN GAUGE	8 INCH RAIN GAUGE	HYGROTHERMOMETER		
*NOTE: AIRPORT																
2nd Floor + Administration Building Municipal Airport	7/1/41	10/17/90	2.9 mi E	37° 46'	99° 58'	2594 g2582	58 c33	5 g4	5 g4	Unk e27	3 d h3	5 c5 i5	4 c5	f5 j5	m	c. Minor move 4/12/61. d. Removed 4/12/61. e. Effective 7/25/63. f. Commissioned 1295' NE of thermometer shelter 8/1/63. g. Effective 8/1/63. h. Installed 3/9/73.
+ Office moved to 1st floor 4/10/61.																
NWS Office, NOAA 104 Airport Road	10/17/90	09/01/92	300 ft W	37° 46'	99° 58'	2576	n26	n4	n4	n7	n5 p4 q	n5 o4	n5 o4	n5 r	n	i. Type change 5/23/80. j. Type change 09/04/84. m. AMOS/ASOS installed 04/27/85. n. Moved 10/17/90. o. Minor move 6/16/94. p. Minor move 8/1/94. q. Decommissioned Tipping Bucket - 09/12/95 r. Decommissioned Hygrothermometer - 12/18/95
Dodge City Regional AP	09/01/92	Present	NA	37° 46'	99° 58'	s2587									S	ASOS Commissioned 09/01/92 s. Ground elevation.

* TYPE
M = AMOS
T = AUTOB
S = ASOS
W = AWOS

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* NOTES: For earlier station history see previous editions.