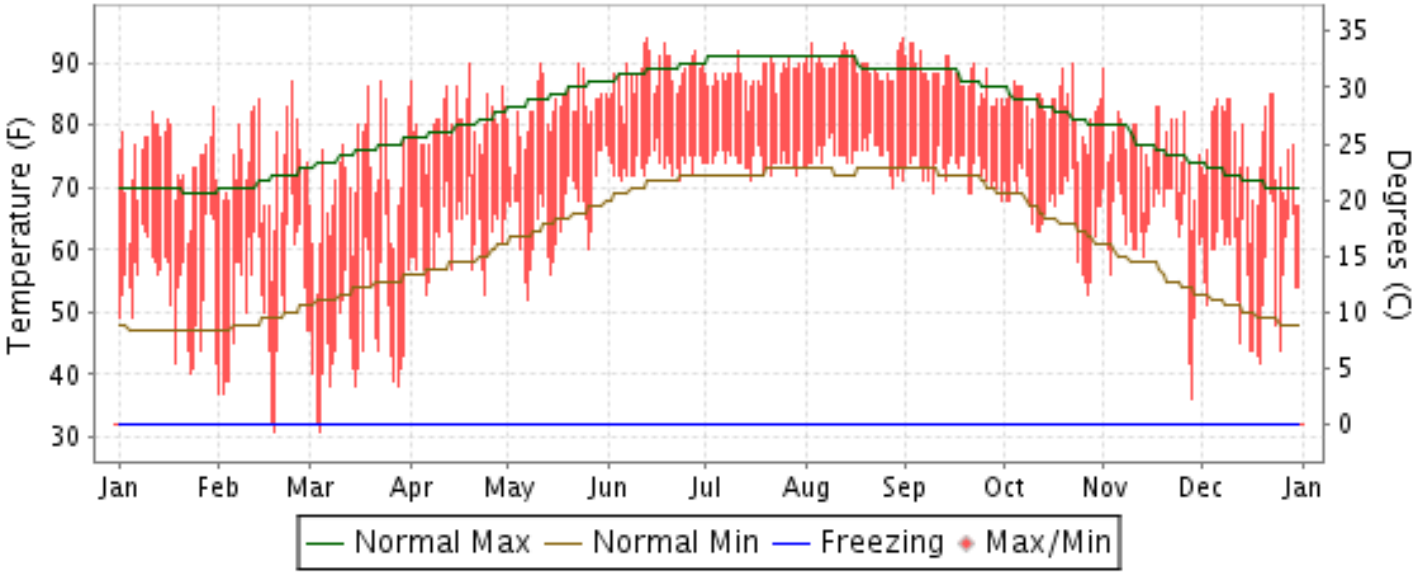
2013
LOCAL CLIMATOLOGICAL DATA
ANNUAL SUMMARY WITH COMPARATIVE DATA

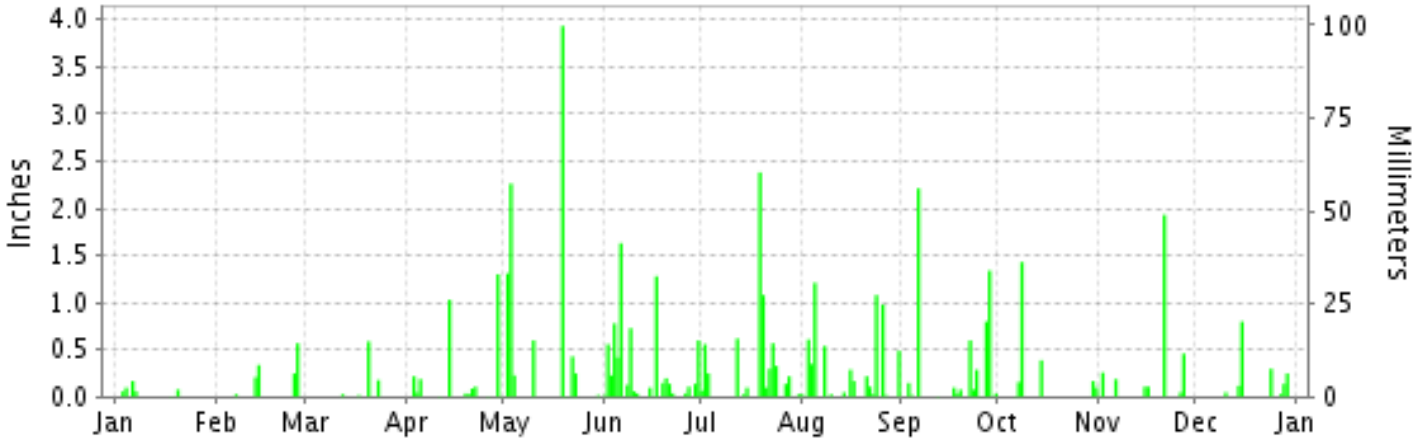
ISSN 0198-1226

DAYTONA BEACH, FLORIDA (KDAB)

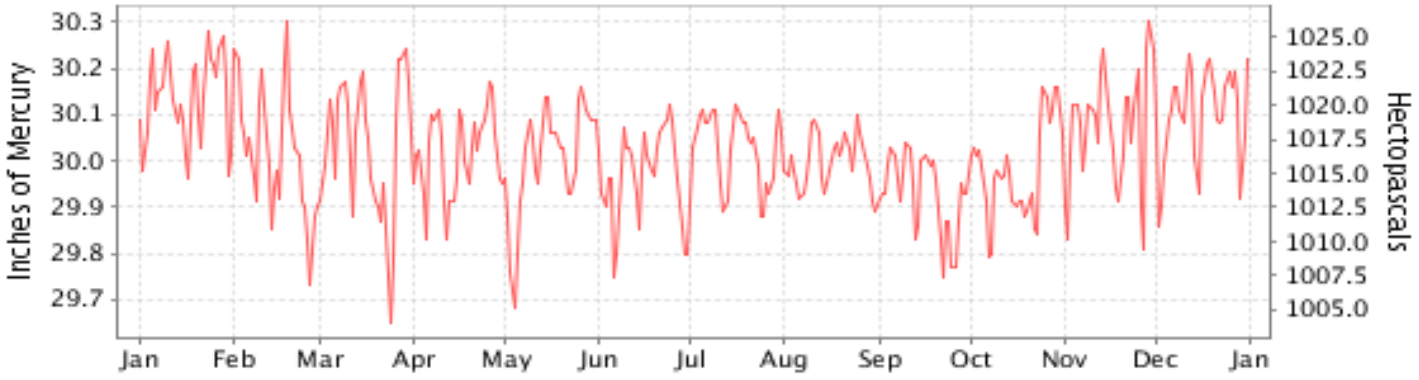
Daily Max/Min Temperature



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

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METEOROLOGICAL DATA FOR 2013
DAYTONA BEACH (KDAB)

LATITUDE: 29° 10'N **LONGITUDE:** 81° 2'W **ELEVATION (FT):** GRND: 31 BARO: 34 **TIME ZONE:** EASTERN (UTC -5) **WBAN:** 12834

	ELEMENT	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
TEMPERATURE °F	MEAN DAILY MAXIMUM	74.4	73.3	71.1	80.7	82.6	88.4	88.1	90.0	87.7	82.9	76.8	75.5	81.0
	HIGHEST DAILY MAXIMUM	83	87	87	90	90	94	92	94	93	90	89	85	94
	DATE OF OCCURRENCE	30	23	23	19	23+	13	11	31	03+	22	01	23+	AUG 31
	MEAN DAILY MINIMUM	54.2	51.5	46.1	61.8	65.3	73.6	74.1	75.1	72.6	66.1	62.8	56.4	63.3
	LOWEST DAILY MINIMUM	40	31	31	53	52	71	71	70	68	53	36	42	31
	DATE OF OCCURRENCE	23	18	04	24+	07	23+	15	28	30	27	28	19	MAR 04
	AVERAGE DRY BULB	64.3	62.4	58.6	71.3	74.0	81.0	81.1	82.5	80.1	74.5	69.8	66.0	72.1
	MEAN WET BULB	59.5	56.5	51.5	65.8	67.4	74.6	75.1	76.0	73.9	68.7	64.1	61.1	66.2
	MEAN DEW POINT	56.3	51.3	43.6	62.8	63.7	72.2	72.9	73.6	71.4	65.6	60.7	58.1	62.7
	NUMBER OF DAYS WITH:													
	MAXIMUM >= 90°	0	0	0	1	2	12	9	18	8	1	0	0	51
	MAXIMUM <= 32°	0	0	0	0	0	0	0	0	0	0	0	0	0
	MINIMUM <= 32°	0	2	2	0	0	0	0	0	0	0	0	0	4
	MINIMUM <= 0°	0	0	0	0	0	0	0	0	0	0	0	0	0
H/C	HEATING DEGREE DAYS	83	130	226	2	0	0	0	0	0	1	30	73	545
	COOLING DEGREE DAYS	69	64	37	198	284	488	507	549	462	302	182	114	3256
RH	MEAN (PERCENT)	79	71	61	77	73	79	80	78	78	77	75	79	76
	HOUR 01 LST	88	84	77	89	86	89	90	90	90	88	81	88	87
	HOUR 07 LST	91	84	73	81	76	81	80	80	82	85	81	90	82
	HOUR 13 LST	61	50	39	59	57	70	69	65	67	61	63	59	60
	HOUR 19 LST	79	74	62	80	74	80	83	80	79	80	76	82	77
W/O	NUMBER OF DAYS WITH:													
	HEAVY FOG(VISBY <= 1/4 MI)	3	0	1	0	1	1	0	1	0	1	1	3	12
	THUNDERSTORMS	0	0	3	2	6	15	9	12	8	0	0	1	56
PR	MEAN STATION PRESS. (IN.)	30.14	30.02	30.03	30.02	30.01	29.97	30.03	30.00	29.93	29.98	30.07	30.10	30.03
	MEAN SEA-LEVEL PRESS. (IN.)	30.18	30.06	30.07	30.06	30.05	30.01	30.07	30.04	29.97	30.03	30.11	30.15	30.07
WINDS	RESULTANT SPEED (MPH)	1.5	1.1	2.1	2.6	2.6	2.3	2.0	1.8	2.2	2.7	5.3	1.3	1.2
	RES. DIR. (TENS OF DEGS.)	01	26	29	06	09	17	13	10	05	01	03	01	05
	MEAN SPEED (MPH)	5.8	6.0	7.3	7.1	6.5	5.3	5.1	4.4	5.7	5.2	9.1	5.7	6.1
	PREVAIL.DIR.(TENS OF DEGS.)	35	04	30	01	10	09	09	08	07	03	36	01	10
	MAXIMUM 2-MINUTE WIND													
	SPEED (MPH)	28	24	30	24	37	31	29	30	33	25	30	26	37
	DIR. (TENS OF DEGS.)	03	30	26	20	05	26	15	05	24	23	02	36	05
	DATE OF OCCURRENCE	18	13	02	12	03	29	20	05	22	07	24	24	MAY 03
	MAXIMUM 3-SECOND WIND:													
	SPEED (MPH)	36	31	40	32	51	37	40	45	40	31	40	33	51
	DIR. (TENS OF DEGS.)	04	29	28	25	04	26	15	07	24	22	02	35	04
	DATE OF OCCURRENCE	18	13	02	01	03	29	20	05	22	07	13	24	MAY 03
PRECIPITATION	WATER EQUIVALENT:	0.48	1.40	0.82	3.09	9.04	7.40	6.78	6.21	5.77	2.26	3.11	1.69	48.05
	TOTAL (IN.)	0.20	0.82	0.59	1.31	3.93	1.88	3.36	1.21	2.21	1.43	1.93	0.92	3.93
	GREATEST 24-HOUR (IN.)	06-07	25-26	20	29-30	19	05-06	19-20	05	06	08	21	14-15	MAY 19
	DATE OF OCCURRENCE													
	NUMBER OF DAYS WITH:	6	5	4	12	9	20	15	16	14	6	7	7	121
	PRECIPITATION 0.01	2	4	2	5	7	15	12	11	7	5	6	5	81
	PRECIPITATION 0.10	0	0	0	2	3	2	2	2	2	1	1	0	15
	PRECIPITATION 1.00													
SNOWFALL	SNOW,ICE PELLETS,HAIL													
	TOTAL (IN.)													
	GREATEST 24-HOUR (IN.)													
	DATE OF OCCURRENCE													
	MAXIMUM SNOW DEPTH (IN.)													
	DATE OF OCCURRENCE													
	NUMBER OF DAYS WITH:													
	SNOWFALL >= 1.0													

NORMALS, MEANS, AND EXTREMES
DAYTONA BEACH (KDAB)

LATITUDE: 29° 10'N **LONGITUDE:** 81° 2'W **ELEVATION (FT):** GRND: 31 BARO: 34 **TIME ZONE:** EASTERN (UTC -5) **WBAN:** 12834

	ELEMENT	POR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
TEMPERATURE °F	NORMAL DAILY MAXIMUM	30	68.4	70.7	74.5	79.2	84.7	88.4	90.2	89.6	86.9	82.0	76.0	70.4	80.1
	MEAN DAILY MAXIMUM	66	68.8	70.5	74.9	79.8	85.0	88.3	90.0	89.5	87.0	81.8	75.5	70.5	80.1
	HIGHEST DAILY MAXIMUM	70	87	89	92	96	100	102	102	100	99	95	89	88	102
	YEAR OF OCCURRENCE		1991	1985	1994	1968	1953	1944	1981	1999	1944	1959	2013	1990	JUL 1981
	MEAN OF EXTREME MAXS.	66	81.7	83.4	87.1	89.9	93.1	95.0	95.5	94.7	92.2	89.3	84.7	82.1	89.1
	NORMAL DAILY MINIMUM	30	47.3	50.1	54.2	58.6	65.4	71.4	73.0	73.4	72.2	65.9	57.3	50.5	61.6
	MEAN DAILY MINIMUM	66	47.5	49.5	53.8	58.9	65.3	70.8	72.7	73.1	72.1	65.5	56.3	50.1	61.3
	LOWEST DAILY MINIMUM	70	15	24	26	35	44	52	60	65	52	41	27	19	15
	YEAR OF OCCURRENCE		1985	1958	1980	1950	1971	1984	1981	1984	1956	1993	1950	1983	JAN 1985
	MEAN OF EXTREME MINS.	66	30.3	33.2	37.6	45.3	54.8	64.2	68.4	69.3	65.7	50.7	40.4	33.0	49.4
	NORMAL DRY BULB	30	57.9	60.4	64.3	68.9	75.0	79.9	81.6	81.5	79.5	74.0	66.6	60.5	70.8
	MEAN DRY BULB	66	58.2	60.0	64.4	69.4	75.1	79.6	81.4	81.3	79.6	73.6	65.9	60.3	70.7
	MEAN WET BULB	29	52.8	54.6	57.4	61.4	67.4	72.7	74.5	74.9	73.4	67.3	60.8	55.3	64.4
	MEAN DEW POINT	29	51.1	52.6	55.7	59.4	65.8	71.7	73.5	74.0	72.5	66.2	59.6	53.7	63.0
	NORMAL NO. DAYS WITH:														
	MAXIMUM >= 90	30	0.0	0.0	0.0	0.8	5.1	9.8	15.1	13.3	4.4	0.7	0.0	0.0	49.2
	MAXIMUM <= 32	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
	MINIMUM <= 32	30	2.3	0.7	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	4.3
	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	251	165	97	28	2	0	0	0	0	8	66	192	809
	NORMAL COOLING DEG. DAYS	30	29	36	77	145	314	447	515	511	436	286	116	51	2963
RH	NORMAL (PERCENT)	30	77	74	73	71	73	78	79	81	81	77	78	78	77
	HOUR 01 LST	30	85	84	84	83	85	88	89	90	88	84	86	85	86
	HOUR 07 LST	30	87	86	87	85	85	87	90	92	90	87	88	87	88
	HOUR 13 LST	30	59	56	55	53	57	63	63	66	67	62	61	61	60
	HOUR 19 LST	30	77	72	69	67	70	75	76	80	80	77	80	80	75
S	PERCENT POSSIBLE SUNSHINE														
W/O	MEAN NO. DAYS WITH:														
	HEAVY FOG(VISBY <= 1/4 MI)	50	4.0	3.2	2.3	1.4	1.3	0.9	0.9	0.9	0.5	1.3	2.0	3.7	22.4
	THUNDERSTORMS	66	1.2	1.8	3.6	3.3	7.0	13.8	16.7	15.3	8.8	2.9	1.1	1.0	76.5
CLOUDINESS	MEAN:														
	SUNRISE-SUNSET (OKTAS)														
	MIDNIGHT-MIDNIGHT (OKTAS)														
	MEAN NO. DAYS WITH:														
	CLEAR	1	1.0	4.0	7.0		13.0	4.0							
	PARTLY CLOUDY	1	2.0	4.0	4.0		5.0	11.0							
	CLOUDY	1	2.0	2.0	8.0		3.0	6.0							
PR	MEAN STATION PRESSURE(IN)	30	30.10	30.07	30.03	30.00	29.98	29.98	30.02	29.98	29.95	29.99	30.06	30.10	30.02
	MEAN SEA-LEVEL PRES. (IN)	30	30.14	30.11	30.08	30.04	30.02	30.02	30.06	30.02	29.99	30.03	30.10	30.14	30.06
WINDS	MEAN SPEED (MPH)	30	7.4	7.6	8.2	7.9	7.6	6.4	5.7	5.7	6.7	7.5	7.2	6.8	7.1
	PREVAIL.DIR(TENS OF DEGS)	34	32	01	25	25	09	08	20	08	07	07	32	32	07
	MAXIMUM 2-MINUTE:														
	SPEED (MPH)	18	36	44	47	33	48	38	43	69	52	46	39	32	69
	DIR. (TENS OF DEGS)		25	23	30	02	22	21	34	01	06	03	05	27	01
	YEAR OF OCCURRENCE		2010	1998	2005	2012	2005	2011	2004	2004	2004	1999	2001	2012	AUG 2004
	MAXIMUM 3-SECOND														
	SPEED (MPH)	18	45	56	63	46	55	53	54	83	75	56	49	43	83
	DIR. (TENS OF DEGS)		25	22	30	26	28	21	36	01	06	01	04	25	01
	YEAR OF OCCURRENCE		2002	1998	2005	2009	1996	2011	1998	2004	2004	1999	2001	2012	AUG 2004
PRECIPITATION	NORMAL (IN)	30	2.74	2.78	4.24	2.18	3.13	5.83	5.83	6.40	6.96	4.21	2.69	2.63	49.62
	MAXIMUM MONTHLY (IN)	70	7.16	9.13	12.15	7.12	22.33	15.19	14.58	19.89	16.46	13.51	12.91	11.98	22.33
	YEAR OF OCCURRENCE		1986	1960	1996	1949	2009	1966	1944	1953	2004	2005	1994	1983	MAY 2009
	MINIMUM MONTHLY (IN)	70	0.07	0.29	0.08	T	0.08	0.83	0.16	2.01	0.42	0.18	T	0.06	0.06
	YEAR OF OCCURRENCE		2012	1944	2006	1967	1965	1998	1992	1963	1972	2010	1967	1956	DEC 1956
	MAXIMUM IN 24 HOURS (IN)	70	5.73	4.39	7.45	4.03	8.09	6.28	4.21	7.98	9.02	9.29	10.15	5.22	10.15
	YEAR OF OCCURRENCE		1989	1971	2000	1982	2009	1966	1986	2004	2004	1953	1994	1983	NOV 1994
	NORMAL NO. DAYS WITH:														
	PRECIPITATION >= 0.01	30	7.5	7.3	8.2	5.8	6.8	13.3	12.8	14.0	13.5	10.6	7.7	7.5	115.0
	PRECIPITATION >= 1.00	30	0.7	0.8	1.5	0.6	0.8	1.4	1.6	1.8	2.3	1.4	0.5	0.9	14.3
SNOWFALL	NORMAL (IN)	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
	MAXIMUM MONTHLY (IN)	53	T	T	T	0.0	0.0	T	0.0	T	0.0	0.0	0.0	T	T
	YEAR OF OCCURRENCE		1977	1951	1993			1989		1994				1989	AUG 1994
	MAXIMUM IN 24 HOURS (IN)	53	T	T	T	0.0	0.0	T	0.0	T	0.0	0.0	0.0	T	T
	YEAR OF OCCURRENCE'		1977	1951	1993			1989		1994				1989	AUG 1994
	MAXIMUM SNOW DEPTH (IN)	48	0	0	0	0	0	0	0	0	0	0	0	0	0
	YEAR OF OCCURRENCE														
	NORMAL NO. DAYS WITH:														
	SNOWFALL >= 1.0	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

PRECIPITATION (inches) 2013 DAYTONA BEACH (KDAB)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1984	1.46	3.44	1.31	5.29	6.04	2.84	6.77	4.02	10.73	1.09	3.52	0.20	46.71
1985	0.79	0.58	1.49	3.14	3.42	6.81	2.16	9.83	10.62	4.08	0.41	2.05	45.38
1986	7.16	1.28	1.85	0.44	0.99	3.50	14.43	3.47	3.58	3.47	5.08	2.76	48.01
1987	2.21	6.64	7.94	0.28	2.65	3.81	2.78	4.89	5.63	2.77	5.87	0.25	45.72
1988	5.36	1.72	4.57	1.68	1.78	2.39	2.94	4.79	6.81	1.24	6.70	0.93	40.91
1989	6.82	0.64	2.01	2.92	2.02	1.84	2.44	4.47	5.04	11.64	0.88	3.93	44.65
1990	1.42	5.61	1.94	1.48	1.45	2.71	5.85	7.00	1.61	5.88	0.83	0.34	36.12
1991	2.25	1.65	8.11	5.57	6.79	12.67	11.97	7.60	5.52	2.94	0.61	1.51	67.19
1992	2.42	1.71	2.28	2.81	3.13	10.64	0.16	8.86	6.57	5.21	2.15	0.47	46.41
1993	4.29	3.02	5.56	0.33	0.65	2.19	5.05	2.66	2.74	5.53	1.83	1.86	35.71
1994	5.60	2.66	3.44	5.05	3.09	6.54	6.91	7.08	5.93	4.72	12.91	2.71	66.64
1995	1.53	1.39	2.01	1.34	1.26	6.60	6.59	10.71	14.13	3.99	1.44	3.44	54.43
1996	5.53	1.32	12.15	2.22	2.28	11.35	1.90	5.70	3.92	11.15	.96	2.01	60.49
1997	2.03	0.46	2.30	3.30	3.77	6.38	7.69	7.91	4.78	5.29	3.02	7.76	54.69
1998	4.33	7.25	3.97	0.14	0.16	0.83	5.63	7.56	5.79	1.84	1.66	1.35	40.51
1999	4.88	1.81	1.01	1.48	1.47	8.54	4.03	3.58	7.05	7.84	3.12	1.56	46.37
2000	1.80	0.65	8.48	1.15	0.32	3.08	5.09	3.17	13.55	0.93	1.14	0.80	40.16
2001	0.88	0.38	9.98	0.28	1.77	5.26	9.55	3.57	16.11	3.22	6.92	0.35	58.27
2002	2.01	2.76	1.51	2.53	1.66	12.30	7.35	11.56	3.86	2.94	1.85	9.61	59.94
2003	0.51	5.17	10.57	0.81	0.96	7.05	7.30	6.55	4.15	7.95	4.75	1.53	57.30
2004	1.25	4.47	1.10	1.19	0.49	5.20	10.34	17.96	16.46	1.34	0.93	2.24	62.97
2005	2.60	1.25	5.51	3.17	7.97	13.67	2.73	4.29	7.35	13.51	1.87	1.85	65.77
2006	0.24	4.33	0.08	1.11	0.78	5.72	4.48	4.81	2.97	2.53	1.10	3.21	31.36
2007	1.53	2.64	0.70	1.34	0.91	5.78	10.23	2.88	11.36	3.49	2.32	1.84	45.02
2008	1.30	2.12	3.20	1.34	0.63	3.64	9.48	10.33	4.29	4.45	0.96	0.93	42.67
2009	0.82	0.80	1.39	1.47	22.33	5.03	5.19	3.77	3.65	1.44	0.60	3.81	50.30
2010	5.92	3.92	6.20	1.04	4.74	2.86	3.88	5.83	3.49	0.18	0.95	0.38	39.39
2011	4.37	1.20	5.55	0.46	0.65	12.29	3.15	5.75	6.23	5.88	0.10	3.08	48.71
2012	0.07	1.73	2.01	1.33	3.15	8.90	2.39	9.65	3.39	6.91	0.77	1.99	42.29
2013	0.48	1.40	0.82	3.09	9.04	7.40	6.78	6.21	5.77	2.26	3.11	1.69	48.05
POR= 66 YRS	2.47	2.80	3.57	2.27	3.21	6.20	5.68	6.47	6.77	4.75	2.51	2.42	49.12

WBAN : 12834

AVERAGE TEMPERATURE (°F) 2013 DAYTONA BEACH (KDAB)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1984	55.1	58.0	61.8	66.8	72.4	76.3	79.0	81.4	79.5	75.7	66.5	65.2	69.8
1985	53.7	61.0	66.6	69.4	76.1	81.7	80.6	81.4	78.3	76.8	71.2	56.1	71.1
1986	56.7	62.4	63.1	66.3	73.8	79.9	81.4	81.4	79.6	75.3	72.5	64.7	71.4
1987	55.8	59.7	63.3	65.1	74.3	79.7	81.9	82.3	79.6	70.0	66.5	61.9	70.0
1988	55.1	56.8	62.8	69.1	72.6	79.0	81.2	81.5	80.6	70.7	67.5	59.8	69.7
1989	64.8	61.9	67.8	69.5	75.4	80.3	82.7	81.8	80.5	73.4	65.9	53.3	71.4
1990	62.7	67.5	66.4	69.6	77.3	80.7	81.9	81.9	80.5	76.0	67.4	65.1	73.1
1991	63.4	61.9	65.6	73.7	78.5	80.3	82.5	82.4	80.8	73.8	64.4	63.5	72.6
1992	56.5	61.7	63.3	67.2	72.5	80.5	83.4	80.7	79.8	72.3	69.1	61.4	70.7
1993	64.5	57.5	62.9	65.5	72.7	80.0	82.5	81.9	79.6	73.7	66.9	56.4	70.3
1994	58.1	63.8	65.8	72.3	75.0	80.2	80.5	79.9	78.2	74.9	70.1	62.9	71.8
1995	56.5	58.7	66.0	70.3	79.0	79.0	81.2	81.3	79.5	76.4	62.8	58.1	70.7
1996	56.8	59.2	60.7	66.7	75.6	78.2	81.2	79.5	78.9	72.9	66.2	60.8	69.7
1997	59.0	64.7	69.9	67.8	74.0	78.4	81.6	81.5	79.3	73.2	64.3	59.4	71.1
1998	60.6	60.2	61.2	69.9	76.6	84.5	83.5	82.4	80.7	76.5	70.8	66.0	72.7
1999	62.0	62.1	62.2	72.4	74.5	79.6	82.4	82.9	79.0	74.4	67.3	60.0	71.6
2000	59.0	59.7	67.4	68.2	76.3	79.5	81.4	81.0	80.5	71.6	63.2	56.6	70.4
2001	53.9	64.1	64.5	69.1	74.6	79.9	81.2	81.3	77.6	72.9	68.9	65.4	71.1
2002	60.1	59.9	66.8	73.5	76.4	78.9	81.6	81.1	81.4	76.7	64.1	57.7	71.5
2003	52.1	60.9	69.3	69.4	78.6	79.5	81.0	80.5	78.8	74.8	70.3	58.3	71.1
2004	58.0	59.9	65.3	66.8	75.5	81.4	81.7	82.1	81.6	74.7	68.8	58.8	71.2
2005	60.4	61.0	62.4	66.3	72.8	79.3	82.9	83.6	80.8	74.7	68.1	58.0	70.9
2006	61.4	58.6	64.4	72.8	76.3	79.9	81.1	82.3	79.6	72.2	64.6	65.9	71.6
2007	62.3	58.6	65.4	68.6	74.0	80.3	82.8	84.0	80.7	78.1	66.0	65.7	72.2
2008	60.1	63.7	65.5	69.2	76.7	80.7	81.0	81.3	81.5	73.9	63.1	64.6	71.8
2009	57.9	57.9	65.7	69.9	76.8	81.5	81.3	82.5	80.5	76.6	68.0	62.5	71.8
2010	53.3	53.4	60.0	69.7	77.7	82.3	83.3	83.4	80.6	72.6	65.6	50.1	69.3
2011	55.2	62.6	65.8	72.2	75.7	80.5	81.7	83.3	80.4	71.4	67.9	64.6	71.8
2012	58.7	65.1	69.9	71.4	76.7	78.7	82.2	81.4	79.8	74.2	62.2	62.5	71.9
2013	64.3	62.4	58.6	71.3	74.0	81.0	81.1	82.5	80.1	74.5	69.8	66.0	72.1
POR= 66 YRS	58.2	60.0	64.4	69.4	75.1	79.6	81.4	81.3	79.6	73.7	65.9	60.3	70.7

HEATING DEGREE DAYS (base 65°F) 2013 DAYTONA BEACH (KDAB)

YEAR	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	TOTAL
1984-85	0	0	0	0	63	77	372	173	44	21	0	0	750
1985-86	0	0	0	0	24	303	261	119	141	30	0	0	878
1986-87	0	0	0	0	11	84	301	160	99	81	0	0	736
1987-88	0	0	0	10	74	146	316	259	120	23	0	0	948
1988-89	0	0	0	1	39	187	70	154	68	20	1	0	540
1989-90	0	0	0	31	59	369	120	47	37	14	0	0	677
1990-91	0	0	0	9	35	96	114	126	83	9	0	0	472
1991-92	0	0	0	0	110	114	264	139	106	43	15	0	791
1992-93	0	0	0	0	70	136	104	210	107	49	0	0	676
1993-94	0	0	0	12	62	281	230	100	70	10	0	0	765
1994-95	0	0	0	0	10	117	269	200	41	16	0	0	653
1995-96	0	0	0	3	135	239	272	212	197	55	0	0	1113
1996-97	0	0	0	11	62	155	204	80	12	23	1	0	548
1997-98	0	0	0	8	69	215	171	159	174	22	0	0	818
1998-99	0	0	0	0	10	88	141	126	105	17	6	0	493
1999-00	0	0	0	6	30	174	201	164	16	32	0	0	623
2000-01	0	0	0	6	118	293	355	87	88	26	0	0	973
2001-02	0	0	0	14	4	108	213	160	64	2	0	0	565
2002-03	0	0	0	0	110	235	389	148	25	30	0	0	937
2003-04	0	0	0	0	31	215	227	166	54	44	1	0	738
2004-05	0	0	0	0	15	230	169	138	143	37	4	0	736
2005-06	0	0	0	19	27	218	156	200	91	0	0	0	711
2006-07	0	0	0	13	96	76	158	197	64	31	0	0	635
2007-08	0	0	0	0	50	63	180	110	67	29	0	0	499
2008-09	0	0	0	27	123	93	237	214	70	20	0	0	784
2009-10	0	0	0	14	40	158	376	325	161	1	0	0	1075
2010-11	0	0	0	0	59	456	306	121	51	8	0	0	1001
2011-12	0	0	0	17	40	64	203	84	12	8	0	0	428
2012-13	0	0	0	23	110	120	83	130	226	2	0	0	694
2013-	0	0	0	1	30	73							

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COOLING DEGREE DAYS (base 65°F) 2013 DAYTONA BEACH (KDAB)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
1984	22	20	55	96	238	345	442	515	441	338	114	91	2717
1985	29	67	101	160	348	506	490	511	405	373	217	35	3242
1986	13	50	89	79	280	452	516	515	444	324	246	82	3090
1987	20	17	52	92	297	449	530	543	442	171	125	58	2796
1988	17	27	62	155	242	425	509	518	474	185	121	32	2767
1989	71	74	162	162	331	468	553	530	474	299	94	11	3229
1990	55	124	85	161	385	478	531	528	470	355	114	107	3393
1991	71	45	113	278	426	465	548	548	480	278	98	74	3424
1992	8	51	60	118	256	472	577	492	448	231	196	35	2944
1993	95	7	48	71	245	456	551	534	446	289	126	23	2891
1994	23	73	101	237	318	466	487	468	402	315	170	57	3117
1995	12	29	81	182	442	426	507	511	441	365	74	32	3102
1996	24	50	72	114	338	402	505	459	427	262	106	29	2788
1997	26	77	170	113	283	405	522	519	436	269	55	47	2922
1998	42	29	64	176	369	592	581	546	479	363	191	124	3556
1999	54	47	26	249	307	442	548	561	429	304	106	29	3102
2000	21	18	98	134	355	440	514	503	471	216	71	40	2881
2001	19	69	82	156	305	455	511	512	383	263	129	126	3010
2002	66	23	126	263	361	423	523	506	499	370	89	15	3264
2003	0	39	168	168	427	438	503	489	420	311	197	15	3175
2004	17	24	73	106	330	497	522	535	505	308	134	45	3096
2005	34	32	69	84	251	436	562	585	482	328	125	7	2995
2006	51	28	78	240	360	454	506	545	445	244	91	113	3155
2007	80	26	84	144	284	466	559	597	476	411	86	92	3305
2008	34	78	89	161	368	478	504	512	503	310	71	89	3197
2009	23	20	99	171	371	502	512	549	470	381	136	90	3324
2010	22	4	12	147	400	525	574	577	476	243	86	0	3066
2011	7	59	83	230	338	470	524	576	468	221	132	61	3169
2012	15	94	172	205	369	417	541	514	450	317	36	50	3180
2013	69	64	37	198	284	488	507	549	462	302	182	114	3256

SNOWFALL (inches) 2013 DAYTONA BEACH (KDAB)

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	0.0	0.0	0.0	0.0	0.0	0.0
1980-81	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
1981-82	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
1982-83	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
1983-84	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
1984-85	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
1985-86	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
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	0.0	0.0	0.0	0.0	0.0	0.0
1988-89	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	T	T
1989-90	0.0	0.0	0.0	0.0	0.0	T	0.0	0.0	0.0	0.0	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	0.0	0.0	0.0
1991-92	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
1992-93	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	T	0.0	0.0	0.0	T
1993-94	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
1994-95	0.0	T	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	T
1995-96	0.0	0.0	0.0	0.0	0.0	0.0	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= 48 YRS	0.0	T	0.0	0.0	0.0	T	0.0	0.0	T	0.0	0.0	T	T

WBAN : 12834

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.

2013
DAYTONA BEACH
FLORIDA (KDAB)

Daytona Beach is located on the Atlantic Ocean. The Halifax River, part of the Florida Inland Waterway, runs through the city. The terrain in the area is flat and the soil is mostly sandy. Elevations in the area range from 3 to 15 feet above mean sea level near the ocean to about 31 feet at the airport and on a ridge running along the western city limits.

Nearness to the ocean results in a climate tempered by the effect of land and sea breezes. In the summer, while maximum temperatures reach 90 degrees or above during the late morning or early afternoon, the number of hours of 90 degrees or above is relatively small due to the beginning of the sea breeze near midday and the occurrence of local afternoon convective thunderstorms which lower the temperature to the comfortable 80s. Winters, although subject to invasions of cold air, are relatively mild due to the nearness of the ocean and latitudinal location.

The rainy season from June through mid-October produces 60 percent of the annual rainfall. The major portion of the summer rainfall occurs in the form of local convective thunderstorms which are occasionally heavy and produce as much as 2 or 3 inches of rain. The more severe thunderstorms may be attended by strong gusty winds. Almost all rainfall during the winter months is associated with frontal passages.

Long periods of cloudiness and rain are infrequent, usually not lasting over 2 or 3 days. These periods are usually associated with a stationary front, a so-called northeaster, or a tropical disturbance.

Tropical disturbances or hurricanes are not considered a great threat to this area of the state. Generally hurricanes in this latitude tend to pass well offshore or lose much of their intensity while crossing the state before reaching this area. Only in gusts have hurricane-force winds been recorded at this station.

Heavy fog occurs mostly during the winter and early spring. These fogs usually form by radiational cooling at night and dissipate soon after sunrise. On rare occasions sea fog moves in from the ocean and persists for two or three days. There is no significant source in the area for air pollution.

Station History

DAYTONA BEACH, FL

NAME	Begin Date	End Date	Latitude	Longitude	Elevation Feet	Relocation	Platform
DAYTONA BEACH MUNICIPAL AP	1938-01-01	1942-12-31	29° 10'	-81° 3'			AIRWAYS
DAYTONA BEACH MUNICIPAL AP	1948-07-01	1952-01-01	29° 10'	-81° 3'	33		AIRWAYS,COOP
DAYTONA BEACH REGIONAL AP	1969-10-01	1981-12-31	29° 10'	-81° 3'	29		COOP,WXSVC
DAYTONA BEACH MUNICIPAL AP	1969-01-01	1969-10-01	29° 10'	-81° 3'	29		COOP,WXSVC
DAYTONA BEACH INTL AP	2004-06-04	Present	29° 10'	-81° 2'	31		ASOS,COOP
DAYTONA BEACH MUNICIPAL AP	1943-05-01	1948-07-01	29° 10'	-81° 3'			AIRWAYS
DAYTONA BEACH INTL AP	1995-06-01	1997-07-30	29° 10'	-81° 3'	29		ASOS,COOP
DAYTONA BEACH MUNICIPAL AP	1952-01-01	1959-01-01	29° 10'	-81° 3'	49		AIRWAYS,COOP
DAYTONA BEACH REGIONAL AP	1981-12-31	1995-06-01	29° 10'	-81° 3'	29		COOP
DAYTONA BEACH MUNICIPAL AP	1959-01-01	1969-01-01	29° 10'	-81° 3'	29		AIRWAYS,COOP
DAYTONA BEACH INTL AP	1997-07-30	2004-06-04	29° 10'	-81° 2'	31	.5 MI N	ASOS,COOP

Element History

Element	Begin Date	End Date	Frequency	Time Of Observation	Equipment *	Equipment * Modifications	Equipment Exposure
PRECIP	1938-01-01	1942-12-31	DAILY	2400	UNIV	RCRD	
TEMP	1979-06-01	1985-01-23	DAILY	2400			
TEMP	1995-07-01	1997-07-30	DAILY	2400	HYGR		
PRECIP	1997-07-30	2004-06-04	HOURLY	2400	TB	RCRD	
TEMP	1943-05-01	1979-06-01	DAILY	2400			
TEMP	1985-01-23	1988-05-01	DAILY	2400	TEMPX		
TEMP	2004-06-04	Present	DAILY	2400	HYGR		
TEMP	1938-01-01	1942-12-31	DAILY	2400			
PRECIP	1979-06-01	1985-01-23	DAILY	2400	UNIV	RCRD	
PRECIP	1995-07-01	1997-07-30	DAILY	2400	UNIV	RCRD	
PRECIP	1995-07-01	1997-07-30	HOURLY	2400	UNIV	RCRD	
TEMP	1997-07-30	2004-06-04	DAILY	2400	HYGR		
PRECIP	1985-01-23	1988-05-01	DAILY	2400	UNIV	RCRD	
PRECIP	1985-01-23	1988-05-01	HOURLY	2400			
PRECIP	2004-06-04	Present	DAILY	2400	PCPNX		
PRECIP	1943-05-01	1979-06-01	DAILY	2400	UNIV	RCRD	
PRECIP	1979-06-01	1985-01-23	HOURLY	2400			
TEMP	1988-05-01	1995-07-01	DAILY	2400	HYGR		
PRECIP	1988-05-01	1995-07-01	DAILY	2400	UNIV	RCRD	
PRECIP	1997-07-30	2004-06-04	DAILY	2400	TB	RCRD	
PRECIP	1988-05-01	1995-07-01	HOURLY	2400			
PRECIP	2004-06-04	Present	HOURLY	2400	AWPAG	RCRD;HTD	

* 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

INQUIRES/COMMENTS CALL: (828) 271-4800, option 2
Fax Number : (828) 271-4876
TDD : (828) 271-4010
Email : ncdc.orders@noaa.gov

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151 Patton Avenue
Asheville, NC 28801-5001