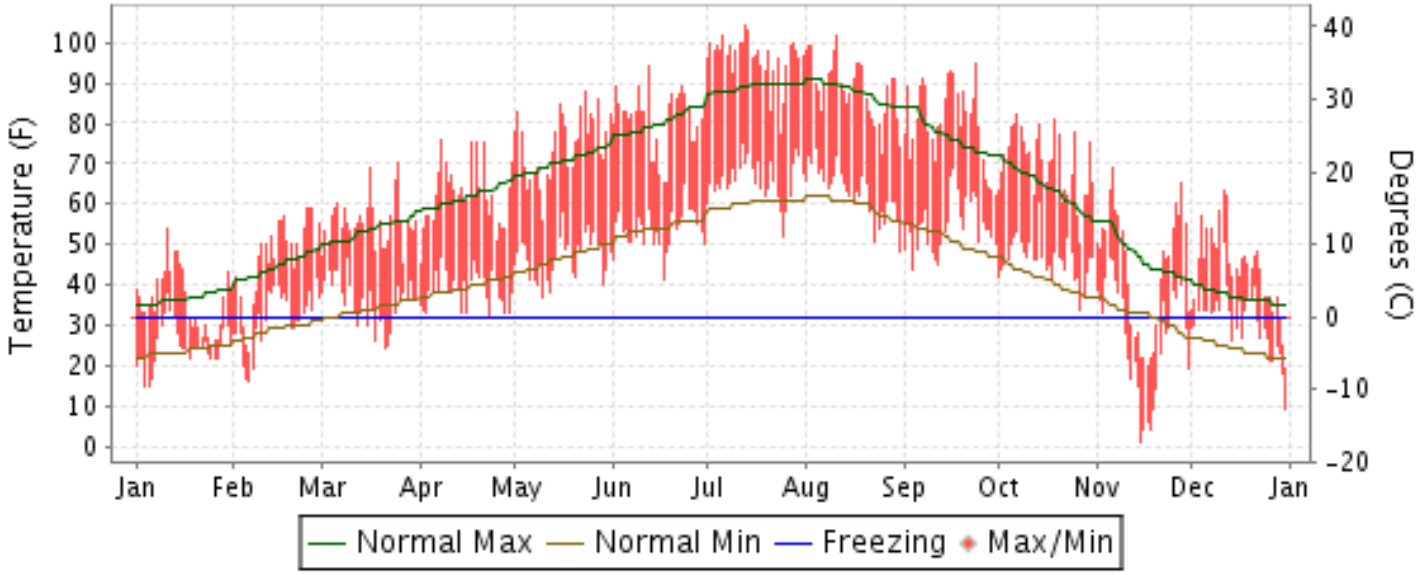
2014
LOCAL CLIMATOLOGICAL DATA
ANNUAL SUMMARY WITH COMPARATIVE DATA

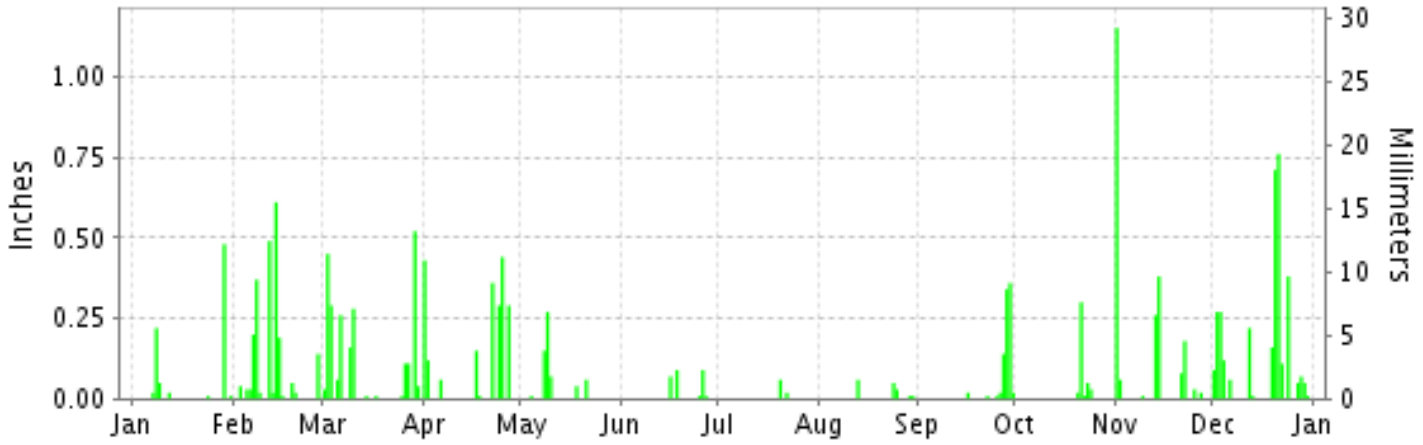
ISSN 0198-1765

BOISE,
IDAHO (KBOI)

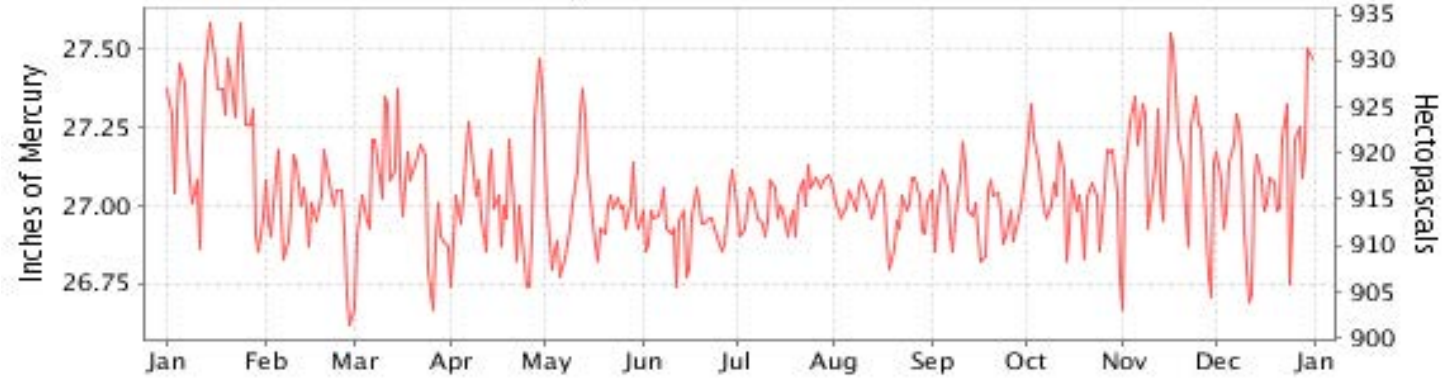
Daily Max/Min Temperature



Daily Precipitation



Daily Station Pressure



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NATIONAL
ENVIRONMENTAL SATELLITE, DATA
AND INFORMATION SERVICE

NATIONAL
CLIMATIC DATA CENTER
ASHEVILLE, NORTH CAROLINA

METEOROLOGICAL DATA FOR 2014
BOISE (KBOI)

LATITUDE: 43° 33'N **LONGITUDE:** 116° 14'W **ELEVATION (FT):** GRND: 2814 BARO: 2861 **TIME ZONE:** MOUNTAIN (UTC -7) **WBAN:** 24131

	ELEMENT	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
TEMPERATURE °F	MEAN DAILY MAXIMUM	36.2	46.6	55.5	62.2	74.6	80.9	96.1	88.6	80.5	70.0	44.1	43.8	64.9
	HIGHEST DAILY MAXIMUM	54	59	70	76	88	94	104	102	95	82	69	63	104
	DATE OF OCCURRENCE	11	26+	25	08	23	12	13	11	24	07	06	11	JUL 13
	MEAN DAILY MINIMUM	24.9	31.5	35.9	38.7	46.8	53.7	65.9	62.9	54.8	46.3	27.4	30.9	43.3
	LOWEST DAILY MINIMUM	15	16	24	32	37	41	52	48	44	34	1	9	1
	DATE OF OCCURRENCE	05+	06	21	23	10	17	25	31	04	27	15	31	NOV 15
	AVERAGE DRY BULB	30.5	39.1	45.7	50.5	60.7	67.3	81.0	75.7	67.6	58.2	35.8	37.4	54.1
	MEAN WET BULB	28.1	34.9	39.4	41.7	48.5	51.8	59.5	59.1	52.5	46.9	32.1	34.5	44.1
	MEAN DEW POINT	25.2	29.8	30.7	30.6	35.9	36.7	42.7	46.7	38.4	36.2	26.1	30.3	34.1
	NUMBER OF DAYS WITH:													
	MAXIMUM >= 90°	0	0	0	0	0	1	28	16	5	0	0	0	50
	MAXIMUM <= 32°	11	3	0	0	0	0	0	0	0	0	9	3	26
	MINIMUM <= 32°	28	14	8	1	0	0	0	0	0	0	16	15	82
	MINIMUM <= 0°	0	0	0	0	0	0	0	0	0	0	0	0	0
H/C	HEATING DEGREE DAYS	1063	719	588	431	150	36	0	4	52	213	870	850	4976
	COOLING DEGREE DAYS	0	0	0	0	24	112	504	343	136	10	0	0	1129
RH	MEAN (PERCENT)	84	73	60	51	43	36	28	40	40	49	70	78	54
	HOUR 05 LST	88	83	74	69	65	58	45	57	55	64	78	81	68
	HOUR 11 LST	79	67	52	44	32	29	21	32	31	40	62	73	47
	HOUR 17 LST	81	63	46	35	25	20	15	25	26	36	67	76	43
	HOUR 23 LST	88	74	65	60	53	41	33	45	42	56	72	80	59
W/O	NUMBER OF DAYS WITH:													
	HEAVY FOG(VISBY <= 1/4 MI)	11	1	0	0	0	0	0	0	0	1	3	8	24
	THUNDERSTORMS	0	0	2	1	0	0	2	4	2	0	0	0	11
PR	MEAN STATION PRESS. (IN.)	27.27	26.99	27.04	27.03	26.99	26.94	27.01	27.00	26.98	27.05	27.16	27.09	27.05
	MEAN SEA-LEVEL PRESS. (IN.)	30.34	30.00	30.03	29.99	29.92	29.85	29.89	29.89	29.90	30.00	30.19	30.13	30.01
WINDS	RESULTANT SPEED (MPH)	0.8	2.2	1.2	1.9	4.3	4.7	1.8	0.7	0.8	2.0	0.9	1.7	0.5
	RES. DIR. (TENS OF DEGS.)	29	14	13	32	31	31	30	16	28	14	17	14	29
	MEAN SPEED (MPH)	4.2	7.0	8.2	7.8	8.0	7.8	6.6	6.7	6.4	6.6	5.6	6.9	6.8
	PREVAIL.DIR.(TENS OF DEGS.)	30	13	13	31	32	30	30	13	13	13	13	13	13
	MAXIMUM 2-MINUTE WIND													
	SPEED (MPH)	25	33	41	37	33	29	32	36	32	35	26	32	41
	DIR. (TENS OF DEGS.)	30	34	30	29	32	30	07	32	31	28	32	14	30
	DATE OF OCCURRENCE	11	19	17	17	31	25	31	30	25	15	29	12	MAR 17
	MAXIMUM 3-SECOND WIND:													
	SPEED (MPH)	35	43	52	46	43	36	41	47	39	43	32	44	52
	DIR. (TENS OF DEGS.)	31	33	30	30	29	30	08	32	30	28	32	14	30
	DATE OF OCCURRENCE	09	19	17	17	31	25	31	30	25	15	29	12	MAR 17
PRECIPITATION	WATER EQUIVALENT:	0.81	2.22	2.34	2.15	0.60	0.27	0.08	0.16	0.92	0.41	2.17	3.34	15.47
	TOTAL (IN.)	0.48	0.69	0.56	0.63	0.40	0.10	0.06	0.08	0.68	0.30	1.21	1.10	1.21
	GREATEST 24-HOUR (IN.)	29	14-15	29-30	24-25	08-09	25-26	20	24-25	28-29	21	01-02	20-21	NOV 01-02
	DATE OF OCCURRENCE													
	NUMBER OF DAYS WITH:	7	14	14	9	6	5	2	5	8	5	9	16	100
	PRECIPITATION 0.01	2	6	8	7	2	0	0	0	3	1	4	9	42
	PRECIPITATION 0.10	0	0	0	0	0	0	0	0	0	0	1	0	1
	PRECIPITATION 1.00													
SNOWFALL	SNOW,ICE PELLETS,HAIL	3.3	4.2	T	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.6	4.4	19.5
	TOTAL (IN.)	2.6	2.5	T	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.3	1.1	4.3
	GREATEST 24-HOUR (IN.)	08	07	17								14	29	NOV 14
	DATE OF OCCURRENCE	2	2	0	0	0	0	0	0	0	0	7	3	7
	MAXIMUM SNOW DEPTH (IN.)	09+	08+									15	31+	NOV 15
	DATE OF OCCURRENCE													
	NUMBER OF DAYS WITH:	1	1	0	0	0	0	0	0	0	0	2	2	6
	SNOWFALL >= 1.0													

NORMALS, MEANS, AND EXTREMES
BOISE (KBOI)

LATITUDE: 43° 33'N **LONGITUDE:** 116° 14'W **ELEVATION (FT):** GRND: 2814 BARO: 2861 **TIME ZONE:** MOUNTAIN (UTC -7) **WBAN:** 24131

	ELEMENT	POR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
TEMPERATURE °F	NORMAL DAILY MAXIMUM	30	37.8	44.7	54.6	62.3	71.6	81.3	91.2	89.7	78.8	64.8	48.2	37.5	63.5
	MEAN DAILY MAXIMUM	75	37.0	44.0	53.2	61.5	71.2	79.7	91.0	88.7	77.9	64.8	48.3	38.6	63.0
	HIGHEST DAILY MAXIMUM	75	63	71	81	92	99	109	111	110	102	94	78	65	111
	YEAR OF OCCURRENCE		1953	1992	1978	1987	2003	1940	1960	1961	1945	1997	1999	1964	JUL 1960
	MEAN OF EXTREME MAXS.	75	51.5	58.5	68.7	79.0	89.6	97.9	103.1	101.0	94.1	82.3	65.0	53.7	78.7
	NORMAL DAILY MINIMUM	30	24.7	28.3	34.4	39.3	46.5	53.7	60.4	59.6	51.0	40.9	31.9	24.0	41.2
	MEAN DAILY MINIMUM	75	22.5	27.3	32.2	37.3	44.8	51.8	59.1	57.7	49.3	39.8	30.7	24.2	39.7
	LOWEST DAILY MINIMUM	75	-17	-15	6	19	22	31	35	34	23	11	-3	-25	-25
	YEAR OF OCCURRENCE		1950	1989	1971	1968	1982	1995	1986	1992	1970	1971	1985	1990	DEC 1990
	MEAN OF EXTREME MINS.	75	4.9	12.5	20.2	25.2	30.9	39.2	47.2	45.7	35.7	25.3	16.6	7.7	25.9
	NORMAL DRY BULB	30	31.3	36.5	44.5	50.8	59.1	67.5	75.8	74.7	64.9	52.8	40.0	30.7	52.4
	MEAN DRY BULB	75	29.7	35.7	42.7	49.4	58.0	65.8	75.1	73.2	63.6	52.3	39.5	31.4	51.4
	MEAN WET BULB	31	26.4	29.9	35.0	38.9	44.9	50.3	53.0	51.9	46.6	40.4	33.0	26.4	39.7
	MEAN DEW POINT	31	25.1	27.6	31.7	35.2	40.6	44.3	47.9	46.2	41.8	35.1	30.8	24.9	35.9
	NORMAL NO. DAYS WITH:														
	MAXIMUM >= 90	30	0.0	0.0	0.0	0.1	1.4	6.3	19.0	16.8	3.8	0.1	0.0	0.0	47.5
	MAXIMUM <= 32	30	7.3	2.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	7.5	18.7
	MINIMUM <= 32	30	23.9	18.2	10.9	4.5	0.9	0.0	0.0	0.0	0.2	3.3	14.2	24.9	101.0
	MINIMUM <= 0	30	0.7	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	2.4
H/C	NORMAL HEATING DEG. DAYS	30	1046	798	636	429	226	64	8	10	103	385	748	1061	5514
	NORMAL COOLING DEG. DAYS	30	0	0	0	3	41	139	342	309	100	8	0	0	942
RH	NORMAL (PERCENT)	30	77	70	61	54	50	44	37	37	44	52	69	76	56
	HOUR 05 LST	30	81	78	74	70	69	65	56	53	59	65	76	80	69
	HOUR 11 LST	30	74	66	55	47	43	38	33	32	38	45	64	73	51
	HOUR 17 LST	30	69	58	44	36	33	28	22	22	27	35	57	68	42
	HOUR 23 LST	30	80	76	67	61	57	50	41	40	49	58	73	80	61
S	PERCENT POSSIBLE SUNSHINE	60	40	50	62	68	72	76	87	85	82	69	43	38	64
W/O	MEAN NO. DAYS WITH:														
	HEAVY FOG(VISBY <= 1/4 MI)	51	6.1	2.7	0.8	0.2	0.1	0.1	0.0	0.0	0.1	0.6	2.6	5.0	18.3
	THUNDERSTORMS	67	0.0	0.3	0.6	1.0	2.3	2.4	2.3	2.3	1.4	0.4	0.2	0.1	13.3
CLOUDINESS	MEAN:														
	SUNRISE-SUNSET (OKTAS)														
	MIDNIGHT-MIDNIGHT (OKTAS)														
	MEAN NO. DAYS WITH:														
	CLEAR														
	PARTLY CLOUDY														
	CLOUDY														
PR	MEAN STATION PRESSURE(IN)	31	27.17	27.10	27.03	27.00	26.98	26.97	26.99	26.99	27.02	27.08	27.12	27.16	27.05
	MEAN SEA-LEVEL PRES. (IN)	31	30.23	30.13	30.03	29.97	29.92	29.89	29.88	29.89	29.95	30.05	30.15	30.21	30.03
WINDS	MEAN SPEED (MPH)	31	6.6	7.7	8.8	8.8	8.4	8.2	7.6	7.3	7.2	7.0	7.1	7.0	7.6
	PREVAIL.DIR(TENS OF DEGS)	44	14	14	14	31	32	32	33	14	14	14	14	14	14
	MAXIMUM 2-MINUTE:														
	SPEED (MPH)	19	40	39	45	46	41	46	44	47	41	39	45	45	47
	DIR. (TENS OF DEGS)		14	31	30	31	31	29	04	19	25	31	30	31	19
	YEAR OF OCCURRENCE		2010	2003	2009	1998	2008	2008	2003	2013	2013	2009	2008	2000	AUG 2013
	MAXIMUM 3-SECOND														
	SPEED (MPH)	19	49	51	53	52	49	60	51	68	56	58	56	63	68
	DIR. (TENS OF DEGS)		13	20	12	30	19	28	29	18	29	26	29	30	18
	YEAR OF OCCURRENCE		2010	2009	2011	2006	2010	2012	2011	2010	2007	2009	2010	2000	AUG 2010
PRECIPITATION	NORMAL (IN)	30	1.24	0.99	1.39	1.23	1.39	0.69	0.33	0.24	0.58	0.75	1.35	1.55	11.73
	MAXIMUM MONTHLY (IN)	75	3.87	3.70	3.46	3.04	4.40	3.41	1.62	2.37	2.93	2.59	3.36	4.23	4.40
	YEAR OF OCCURRENCE		1970	1986	1989	1955	1998	1941	1982	1968	1986	2000	1988	1983	MAY 1998
	MINIMUM MONTHLY (IN)	75	0.12	0.18	0.17	0.09	T	0.01	0.00	0.00	0.00	0.00	0.14	0.09	0.00
	YEAR OF OCCURRENCE		1949	1997	1994	1949	1992	1966	1947	1998	1987	1988	1976	1976	AUG 1998
	MAXIMUM IN 24 HOURS (IN)	75	1.48	1.00	1.65	1.27	2.05	2.24	0.94	1.61	1.74	1.06	1.21	1.16	2.24
	YEAR OF OCCURRENCE		1953	1951	1981	1969	1990	1958	1960	1979	1976	2000	2014	1955	JUN 1958
	NORMAL NO. DAYS WITH:														
	PRECIPITATION >= 0.01	30	10.5	9.0	10.0	8.8	7.7	5.0	2.6	2.4	3.7	5.5	10.6	11.8	87.6
	PRECIPITATION >= 1.00	30	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
SNOWFALL	NORMAL (IN)	30	5.1	2.8	1.3	0.3	0.0	0.0	0.0	0.0	0.0	0.1	2.6	7.0	19.2
	MAXIMUM MONTHLY (IN)	75	21.4	25.2	11.9	8.0	4.0	T	T	0.0	T	2.7	18.6	26.2	26.2
	YEAR OF OCCURRENCE		1964	1949	1951	1967	1964	2008	1995	2012	1998	1971	1985	1983	DEC 1983
	MAXIMUM IN 24 HOURS (IN)	75	8.5	13.0	6.4	7.2	4.0	T	T	T	T	1.7	6.5	9.8	13.0
	YEAR OF OCCURRENCE'		1950	1949	1952	1969	1964	1995	1995	1989	1998	1971	1964	1996	FEB 1949
	MAXIMUM SNOW DEPTH (IN)	66	12	9	6	1	0	0	0	0	0	0	11	13	13
	YEAR OF OCCURRENCE		1982	1949	1952	1975							1985	1985	DEC 1985
	NORMAL NO. DAYS WITH:														
	SNOWFALL >= 1.0	30	1.8	1.1	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.1	1.1	2.3	6.9

PRECIPITATION (inches) 2014 BOISE (KBOI)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1985	0.20	0.55	0.97	0.90	1.52	0.37	0.85	0.04	1.81	0.84	1.85	1.24	11.14
1986	0.98	3.70	2.01	1.55	1.10	0.35	0.17	0.07	2.93	0.33	1.00	0.12	14.31
1987	0.73	1.24	2.01	0.38	0.69	0.58	0.70	0.11	0.00	T	1.00	1.05	8.49
1988	1.30	0.43	1.45	1.80	1.33	0.47	0.02	0.09	0.24	0.00	3.36	0.81	11.30
1989	1.14	1.15	3.46	0.46	0.21	0.08	0.03	0.78	1.20	1.24	0.59	0.10	10.44
1990	0.84	0.79	0.77	2.14	4.07	0.11	0.42	0.39	0.50	0.45	0.61	0.98	12.07
1991	0.96	0.46	0.55	1.65	1.57	0.64	0.37	0.04	0.21	0.91	1.76	0.35	9.47
1992	0.36	0.92	0.17	0.66	T	2.07	0.03	T	0.30	0.90	1.37	0.89	7.67
1993	1.65	0.96	2.45	2.09	0.92	2.10	0.52	0.24	T	0.47	0.38	0.98	12.76
1994	1.28	0.90	0.17	1.25	1.01	0.24	0.10	T	0.10	0.78	1.78	1.79	9.40
1995	2.10	0.51	1.51	1.03	2.36	0.88	0.59	0.06	0.22	0.42	2.20	2.14	14.02
1996	1.33	1.07	1.97	1.47	1.67	0.21	.12	T	.46	.68	1.71	3.43	14.12
1997	2.74	0.18	0.52	1.89	1.14	1.35	0.45	0.27	0.67	0.55	0.68	0.65	11.09
1998	2.73	1.39	0.99	0.81	4.40	1.21	0.49	0.00	1.96	0.11	0.97	1.65	16.71
1999	1.40	1.96	0.75	0.61	1.10	0.47	T	0.29	0.00	0.11	1.00	0.90	8.59
2000	1.51	2.06	1.69	1.01	0.83	0.14	0.03	0.10	0.60	2.59	0.68	0.80	12.04
2001	1.07	0.49	1.07	1.20	0.27	0.32	0.15	T	0.44	0.86	1.52	1.15	8.54
2002	0.94	0.19	1.06	0.83	0.01	0.19	0.09	0.05	0.39	0.31	0.87	2.03	6.96
2003	1.56	0.87	1.48	1.39	1.35	0.18	0.27	0.33	0.04	T	1.02	1.62	10.11
2004	1.85	1.46	0.51	0.36	2.37	0.26	0.59	0.44	0.25	1.53	0.70	1.24	11.56
2005	0.23	0.34	1.20	1.16	3.96	0.91	0.02	T	0.32	0.44	1.71	3.37	13.66
2006	1.77	0.41	2.19	1.82	1.19	0.82	0.24	0.02	0.16	0.40	1.43	1.69	12.14
2007	0.19	1.27	0.32	1.06	0.23	0.94	0.02	0.04	0.65	1.03	1.06	1.27	8.08
2008	0.94	0.55	1.21	0.26	0.65	0.53	0.28	T	0.94	0.75	1.39	1.75	9.25
2009	0.87	0.20	1.26	0.72	0.98	1.54	0.04	1.79	0.01	1.39	0.71	1.75	11.26
2010	1.35	0.83	1.72	1.58	2.30	0.81	0.11	0.27	0.01	1.18	1.57	3.25	14.98
2011	1.33	0.52	2.25	1.53	1.81	0.46	0.02	T	0.09	1.79	0.33	0.36	10.49
2012	2.72	0.67	2.23	1.94	0.90	0.19	0.07	T	0.05	1.01	0.58	1.09	11.45
2013	1.21	0.63	0.36	0.95	0.75	0.41	0.13	0.45	1.75	0.76	1.49	0.66	9.55
2014	0.81	2.22	2.34	2.15	0.60	0.27	0.08	0.16	0.92	0.41	2.17	3.34	15.47
POR= 75 YRS	1.41	1.10	1.26	1.21	1.27	0.83	0.25	0.29	0.57	0.81	1.32	1.43	11.75

WBAN : 24131

AVERAGE TEMPERATURE (°F) 2014 BOISE (KBOI)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1985	19.1	25.8	36.0	51.6	58.5	67.2	77.7	69.2	56.2	48.4	27.7	12.6	45.8
1986	29.4	41.0	48.0	48.3	59.1	72.0	69.6	75.9	57.4	52.6	40.4	28.0	51.8
1987	27.8	37.6	44.2	56.0	62.2	70.2	71.2	70.0	65.6	54.9	40.7	32.9	52.8
1988	26.1	37.8	42.6	52.7	57.9	70.7	74.6	71.6	61.7	59.9	40.7	27.0	51.9
1989	24.7	23.2	43.7	53.1	56.3	68.5	77.0	70.0	63.3	51.2	39.4	30.4	50.1
1990	34.2	34.1	44.3	54.7	55.7	66.9	76.2	74.0	69.9	51.0	41.2	18.1	51.7
1991	24.4	41.6	43.0	48.3	54.9	62.6	75.7	76.6	65.8	51.8	37.4	31.7	51.2
1992	33.1	42.1	48.9	54.9	64.3	69.8	71.4	73.9	63.4	54.4	34.5	28.5	53.3
1993	24.8	28.9	41.7	48.1	63.1	61.9	65.0	68.6	63.0	53.2	32.8	33.3	48.7
1994	32.7	34.7	46.1	52.6	61.0	67.9	77.0	76.1	66.8	50.3	32.6	30.4	52.4
1995	36.2	41.5	43.6	48.2	56.9	63.9	73.4	71.2	65.7	49.2	44.4	33.1	52.3
1996	32.5	35.1	44.2	50.0	55.4	66.7	76.7	74.8	61.8	52.4	41.3	36.3	52.3
1997	32.1	36.8	45.4	48.9	62.9	66.0	72.8	75.6	67.7	52.0	43.0	31.2	52.9
1998	38.9	40.2	44.3	49.9	56.3	63.4	79.2	76.7	69.8	51.7	43.7	30.7	53.7
1999	35.3	37.0	43.8	47.5	55.8	66.3	73.7	75.1	64.0	54.3	46.9	31.9	52.6
2000	34.2	41.7	43.4	54.3	59.7	68.6	76.1	75.9	63.0	52.3	32.7	31.1	52.8
2001	27.2	33.9	45.9	48.1	61.4	67.3	74.3	78.7	68.4	53.5	44.0	30.7	52.8
2002	31.6	34.0	40.7	50.5	59.2	69.6	79.6	70.9	65.2	49.5	40.6	37.4	52.4
2003	38.7	36.9	46.5	49.4	58.8	69.7	80.6	77.4	66.7	58.1	37.7	37.2	54.8
2004	28.4	35.0	48.2	53.8	58.7	69.3	78.0	74.9	63.7	53.5	38.2	35.4	53.1
2005	32.8	36.9	45.7	50.5	59.4	64.4	78.3	76.7	63.3	53.7	37.5	29.6	52.4
2006	36.4	34.8	42.3	51.7	61.0	71.0	81.5	74.0	65.4	51.2	43.4	31.7	53.7
2007	29.2	38.9	48.3	51.7	62.5	70.6	83.1	75.5	64.7	52.0	40.9	32.4	54.2
2008	29.0	36.0	40.8	46.6	60.5	67.1	77.7	75.9	66.1	53.5	43.6	31.5	52.4
2009	31.3	36.9	41.7	50.6	61.6	67.8	78.6	75.2	70.6	48.5	41.4	26.8	52.6
2010	37.4	40.3	44.7	48.8	53.6	66.3	75.8	73.9	67.6	57.1	39.0	35.0	53.3
2011	31.7	35.5	44.2	46.3	55.5	64.3	75.6	78.4	71.4	54.6	40.0	31.3	52.4
2012	34.9	38.4	47.1	54.7	58.9	67.3	81.3	78.5	68.6	53.2	44.6	35.9	55.3
2013	19.6	35.5	45.1	49.9	61.0	69.9	81.5	78.2	66.6	50.2	39.7	23.9	51.8
2014	30.5	39.1	45.7	50.5	60.7	67.3	81.0	75.7	67.6	58.2	35.8	37.4	54.1
POR= 75 YRS	29.7	35.7	42.7	49.4	58.0	65.8	75.1	73.2	63.6	52.3	39.5	31.4	51.4

HEATING DEGREE DAYS (base 65°F) 2014 BOISE (KBOI)

YEAR	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	TOTAL
1985-86	0	26	259	509	1113	1619	1097	668	522	499	280	15	6607
1986-87	35	2	259	376	733	1141	1149	761	639	287	140	41	5563
1987-88	23	18	86	306	722	990	1198	780	686	359	261	59	5488
1988-89	4	5	157	178	724	1169	1242	1166	656	356	276	30	5963
1989-90	0	29	97	421	759	1064	951	858	633	303	286	82	5483
1990-91	6	10	26	430	710	1449	1252	651	676	493	306	100	6109
1991-92	0	0	55	409	822	1026	982	657	492	308	92	54	4897
1992-93	6	40	118	340	907	1124	1239	1004	715	501	140	155	6289
1993-94	53	45	124	367	960	975	993	839	579	378	148	64	5525
1994-95	9	1	34	449	967	1066	887	652	657	499	255	111	5587
1995-96	5	23	86	485	610	984	1000	859	636	447	292	55	5482
1996-97	1	6	162	405	703	883	1013	783	601	473	128	41	5199
1997-98	18	0	61	410	651	1040	803	684	635	452	270	85	5109
1998-99	0	0	51	408	635	1058	914	778	652	520	311	95	5422
1999-00	8	13	101	324	535	1017	949	673	663	315	179	41	4818
2000-01	4	0	128	389	960	1044	1165	867	585	504	191	69	5906
2001-02	6	0	23	355	626	1056	1034	863	747	429	234	65	5438
2002-03	0	2	95	474	725	849	809	780	567	462	262	28	5053
2003-04	0	0	71	257	814	856	1128	866	515	328	206	45	5086
2004-05	0	10	95	351	796	909	990	779	591	430	183	102	5236
2005-06	0	3	104	344	819	1092	878	840	695	390	189	9	5363
2006-07	0	10	104	419	641	1024	1101	725	510	395	142	36	5107
2007-08	0	0	100	400	716	1003	1106	833	741	546	177	98	5720
2008-09	0	7	49	363	634	1032	1037	779	716	430	187	24	5258
2009-10	0	14	40	505	701	1179	847	686	623	477	356	52	5480
2010-11	4	20	46	269	776	922	1026	819	641	557	296	89	5465
2011-12	0	0	10	338	741	1037	928	765	547	327	217	64	4974
2012-13	0	0	17	358	605	895	1402	820	610	445	162	35	5349
2013-14	0	0	91	452	751	1264	1063	719	588	431	150	36	5545
2014-	0	4	52	213	870	850							

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COOLING DEGREE DAYS (base 65°F) 2014 BOISE (KBOI)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
1985	0	0	0	2	28	125	402	165	4	0	0	0	726
1986	0	0	0	1	103	235	184	348	37	0	0	0	908
1987	0	0	0	23	61	202	223	180	111	0	0	0	800
1988	0	0	0	0	46	237	308	215	66	24	0	0	896
1989	0	0	0	6	14	140	376	191	56	0	0	0	783
1990	0	0	0	3	5	145	357	293	180	6	0	0	989
1991	0	0	0	0	0	36	337	368	85	6	0	0	832
1992	0	0	0	11	76	202	208	321	77	20	0	0	915
1993	0	0	0	0	86	68	61	162	71	8	0	0	456
1994	0	0	0	15	30	156	386	354	96	0	0	0	1037
1995	0	0	0	0	12	83	272	225	114	0	0	0	706
1996	0	0	0	0	4	111	372	314	73	22	0	0	896
1997	0	0	0	0	71	80	266	337	151	13	0	0	918
1998	0	0	0	4	9	42	449	371	201	3	0	0	1079
1999	0	0	0	0	32	142	282	334	80	1	0	0	871
2000	0	0	0	3	22	155	354	347	74	2	0	0	957
2001	0	0	0	4	85	146	303	433	131	7	0	0	1109
2002	0	0	0	0	61	208	460	193	105	0	0	0	1027
2003	0	0	0	0	76	173	488	391	131	49	0	0	1308
2004	0	0	0	0	19	179	411	323	61	5	0	0	998
2005	0	0	0	0	19	89	420	372	63	2	0	0	965
2006	0	0	0	0	73	196	518	297	125	0	0	0	1209
2007	0	0	0	4	70	211	569	333	99	1	0	0	1287
2008	0	0	0	0	45	168	401	355	85	14	0	0	1068
2009	0	0	0	7	87	114	428	338	214	0	0	0	1188
2010	0	0	0	1	10	96	343	304	132	28	0	0	914
2011	0	0	0	0	10	75	336	422	211	22	0	0	1076
2012	0	0	0	26	33	140	514	426	134	1	0	0	1274
2013	0	0	0	0	47	191	516	418	148	0	0	0	1320
2014	0	0	0	0	24	112	504	343	136	10	0	0	1129

SNOWFALL (inches) 2014 BOISE (KBOI)

YEAR	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	TOTAL
1985-86	0.0	0.0	0.0	T	18.6	12.6	3.9	4.4	0.0	T	0.0	0.0	39.5
1986-87	0.0	0.0	0.0	0.0	5.9	0.9	0.5	0.6	T	0.0	0.0	0.0	7.9
1987-88	0.0	0.0	0.0	0.0	0.5	3.0	3.9	0.3	2.9	1.2	0.0	0.0	11.8
1988-89	0.0	0.0	0.0	0.0	2.5	10.8	8.0	0.7	T	T	0.0	0.0	22.0
1989-90	0.0	T	0.0	T	0.4	T	5.2	6.5	0.4	T	T	0.0	12.5
1990-91	0.0	0.0	0.0	0.0	0.1	15.7	1.5	T	1.2	T	0.0	0.0	18.5
1991-92	0.0	0.0	0.0	1.1	2.8	T	0.3	T	0.0	T	0.0	0.0	4.2
1992-93	0.0	0.0	0.0	T	3.6	5.7	14.6	10.4	0.2	T	T	0.0	34.5
1993-94	0.0	0.0	0.0	0.0	1.9	0.2	2.8	3.8	T	T	0.0	0.0	8.7
1994-95	0.0	0.0	0.0	0.0	8.8	8.5	1.5	5.7	1.2	T	T	T	25.7
1995-96	T	0.0	0.0	0.0	0.2	5.9	6.7	6.9	1.8	T	T	0.0	21.5
1996-97	0.0	0.0	0.0	T	T	13.0	3.4	T	0.3	T	0.0	0.0	16.7
1997-98	0.0	0.0	0.0	0.0	0.0	0.6	4.2	1.4	1.1	T	0.0	0.0	7.3
1998-99	T	0.0	T	0.0	T	8.8	1.7	5.7	6.7	0.4	0.0	0.0	23.3
1999-00	0.0	0.0	0.0	0.0	0.9	2.7	6.2	2.1	2.3	0.0	T	0.0	14.2
2000-01	0.0	0.0	0.0	0.0	4.0	1.6	8.9	3.1	1.3	T	0.0	0.0	18.9
2001-02	0.0	0.0	0.0	0.0	3.5	9.9	14.4	T	4.3	0.0	0.0	0.0	32.1
2002-03	0.0	0.0	0.0	T	0.0	1.7	T	0.4	0.8	2.1	0.0	0.0	5.0
2003-04	0.0	0.0	0.0	T	0.3	4.2	10.0	6.5	0.7	0.0	0.0	0.0	21.7
2004-05	0.0	0.0	0.0	0.0	1.0	T	1.4	0.4	T	T	0.0	0.0	2.8
2005-06	0.0	0.0	0.0	0.0	2.0	5.2	1.9	T	1.6	T	0.0	0.0	10.7
2006-07	0.0	0.0	0.0	T	1.2	1.9	1.9	3.3	0.5	0.0	0.0	0.0	8.8
2007-08	0.0	0.0	0.0	0.0	2.0	7.2	13.6	8.8	0.2	T	0.0	T	31.8
2008-09	0.0	0.0	0.0	1.7	0.3	20.2	7.6	1.0	2.8	0.1	0.0	0.0	33.7
2009-10	0.0	0.0	0.0	T	1.7	10.7	3.1	0.4	3.4	0.6	T	0.0	19.9
2010-11	0.0	0.0	0.0	T	7.8	7.7	0.2	5.0	1.1	T	T	0.0	21.8
2011-12	0.0	0.0	0.0	0.0	0.2	0.2	4.9	1.0	2.3	T	0.0	0.0	8.6
2012-13	0.0	0.0	0.0	T	T	2.5	9.3	3.9	0.3	T	0.0	0.0	16.0
2013-14	0.0	0.0	0.0	0.0	2.0	4.9	3.3	4.2	T	0.0	0.0	0.0	14.4
2014-	0.0	0.0	0.0	0.0	7.6	4.4							
POR= 75 YRS	T	T	T	0.1	2.2	5.7	6.3	3.4	1.7	0.5	0.1	T	20.0

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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.
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.

2014
BOISE
IDAHO (KBOI)

Boise is situated in the Boise River Valley about 8 miles below the mouth of a mountain canyon where the valley proper begins. Sheltered by large shade trees and averaging 2,710 feet in elevation, the denser part of the city covers a gentle alluvial slope about 2 miles wide, stretching southwest from the foothills of the Boise Mountains to the river. The Boise Mountains immediately north of the city rise 5,000 to 6,000 feet above sea level in about 8 miles, the slopes partly mantled with sagebrush and then chaparral giving way near the summit to ridges of fir, spruce, and pine. Across the river, the land rises in two irregular steps, or benches, for several miles, finally reaching the low divide between the Boise and Snake Rivers. Downstream the valley widens, merging with the valley of the Snake about 40 miles to the northwest. Once semi-arid, the entire area is now irrigated from the upstream reservoirs.

Although air masses from the Pacific are considerably modified by the time they reach Boise, their influence, particularly in winter, alternates with that of atmospheric developments from other directions. The result is almost a typical upland continental type of climate in summer, while winters are usually tempered by periods of cloudy or stormy and mild weather. Autumns have prolonged periods of near ideal weather, while springtime is noted by changeable weather and varied temperatures. The Boise climate in general may be described as dry and temperate, with sufficient variation to be stimulating.

Summer hot periods rarely last longer than a few days. Temperatures of 100 degrees or higher occur nearly every year.

Winter cold spells with temperatures of 10 degrees or lower generally last longer than the summer hot spells. During cold weather, however, there is ordinarily little wind to add to the discomfort.

The normal precipitation pattern in the Boise area shows a winter high and a very pronounced summer low. Total amounts and intensity are generally greatest near the foothills, dwindling to westward and southward.

Tornadoes are very rare as are destructive force winds. Northwesterly winds, drying and rather raw in character, although of moderate velocity, are common from March through May. Diurnal southeasterly winds, descending from nearby foothills at night, frequently have a moderating effect on winter temperatures. There is an occasional, but moderate, duststorm during the warmer months, usually occurring at times of cold frontal passage.

Relative humidity is low but widespread irrigation maintains humidity several percent above the general dryness of western arid conditions in summer. Thunderstorms occur primarily during spring and summer, with less frequency during fall and occasionally during winter. December and January are the months of heavy fog or low stratus cloud conditions. Only a moderate amount of sunshine is received in the average winter, but protracted periods of clear, sunny weather are the rule in summer. Ice storms are practically unknown.

Based on the 1951-1980 period, the average first occurrence of 32 degrees Fahrenheit in the fall is October 9 and the average last occurrence in the spring is May 8.

Station History

BOISE, ID

NAME	Begin Date	End Date	Latitude	Longitude	Elevation Feet	Relocation	Platform
GOWAN FIELD	1943-07-14	1948-01-01	43° 34'	-116° 13'	2838		AIRWAYS
BOISE MUNICIPAL AP	1948-12-01	1954-01-01	43° 34'	-116° 13'	2838		AIRWAYS
BOISE MUNICIPAL AP	1954-01-01	1968-01-01	43° 34'	-116° 13'	2675		AIRWAYS
BOISE WSFO AIRPORT	1948-01-01	1948-12-01	43° 34'	-116° 13'	2838		AIRWAYS
BOISE MUNICIPAL AP	1968-01-01	1969-06-02	43° 34'	-116° 13'	2675		WXSVC
GOWAN FIELD	1940-01-01	1940-02-27	43° 34'	-116° 13'			AIRWAYS
GOWAN FIELD	1940-02-27	1943-04-30	43° 34'	-116° 13'	2689		AIRWAYS
BOISE AIR TERMINAL	1975-06-01	1981-12-31	43° 34'	-116° 13'	2838		COOP,WXSVC
GOWAN FIELD	1929-07-01	1940-01-01	43° 36'	-116° 12'			AIRWAYS
GOWAN FIELD	1943-04-30	1943-07-14	43° 34'	-116° 13'	2675		AIRWAYS
BOISE AIR TERMINAL	2007-03-13	Present	43° 33'	-116° 14'	2814		ASOS,COOP
BOISE MUNICIPAL AP	1969-06-02	1975-06-01	43° 34'	-116° 13'	2838		COOP,WXSVC
BOISE AIR TERMINAL	1995-12-01	2007-03-13	43° 34'	-116° 14'	2814	1.3 MI W	ASOS,COOP
BOISE AIR TERMINAL	1981-12-31	1995-12-01	43° 34'	-116° 13'	2838		COOP

Element History

Element	Begin Date	End Date	Frequency	Time Of Observation	Equipment *	Equipment * Modifications	Equipment Exposure
PRECIP	1993-09-21	1995-12-01	HOURLY	2400	UNIV	RCRD	
TEMP	2001-06-20	2007-01-07	DAILY	2400	HYGR		
WIND	2007-01-07	2007-03-13	HOURLY	UNKN	ANEMSONIC		
PRECIP	2007-01-07	2007-03-13	HOURLY	2400	TB	SHLD;RCRD	
TEMP	2007-03-13	2013-07-25	DAILY	2400	HYGR		
PRECIP	2007-03-13	2013-07-25	HOURLY	2400	TB	RCRD	
PRECIP	1978-12-01	1993-09-21	HOURLY	2400	UNIV	RCRD	
WIND	1995-12-01	2001-06-20	HOURLY	UNKN	ANEMCUP		
TEMP	1898-12-01	1978-12-01	DAILY	2400			
PRECIP	1993-09-21	1995-12-01	DAILY	2400	UNIV	RCRD	
PRECIP	1995-12-01	2001-06-20	HOURLY	2400	TB	RCRD	
WIND	2001-06-20	2007-01-07	HOURLY	UNKN	ANEMCUP		
PRECIP	2001-06-20	2007-01-07	HOURLY	2400	TB	SHLD;RCRD	
WIND	2013-07-25	Present	HOURLY	UNKN	ANEMSONIC		
PRECIP	2013-07-25	Present	DAILY	2400	PCPNX		
TEMP	1995-12-01	2001-06-20	DAILY	2400	HYGR		
PRECIP	2007-03-13	2013-07-25	DAILY	2400	PCPNX		
WIND	2007-03-13	2013-07-25	HOURLY	UNKN	ANEMSONIC		
PRECIP	2013-07-25	Present	HOURLY	2400	AHTB	SHLD;RCRD;HTD	
PRECIP	1978-12-01	1993-09-21	DAILY	2400	UNIV	RCRD	
TEMP	1993-09-21	1995-12-01	DAILY	2400	MXMN		
PRECIP	1995-12-01	2001-06-20	DAILY	2400	TB	RCRD	
PRECIP	2001-06-20	2007-01-07	DAILY	2400	TB	SHLD;RCRD	
TEMP	2007-01-07	2007-03-13	DAILY	2400	HYGR		
WIND	2007-01-07	2007-01-09	HOURLY	UNKN	ANEMCUP		
TEMP	2013-07-25	Present	DAILY	2400	ATEMP		
PRECIP	1898-12-01	1978-12-01	DAILY	2400	UNIV	RCRD	
TEMP	1978-12-01	1993-09-21	DAILY	2400			
PRECIP	2007-01-07	2007-03-13	DAILY	2400	TB	SHLD;RCRD	

* 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/asos2implementation.htm
Station Metadata website: http://www.ncdc.noaa.gov/homr

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Fax Number : (828) 271-4876
TDD : (828) 271-4010
Email : ncdc.orders@noaa.gov

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