

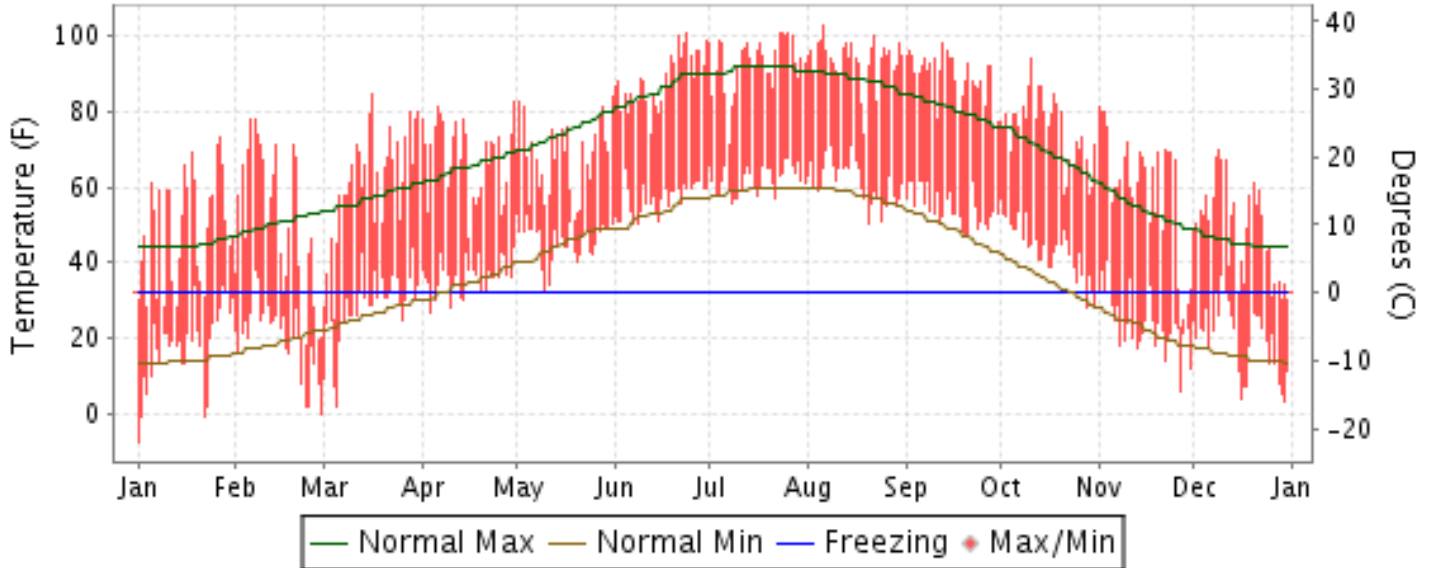


2015 LOCAL CLIMATOLOGICAL DATA ANNUAL SUMMARY WITH COMPARATIVE DATA

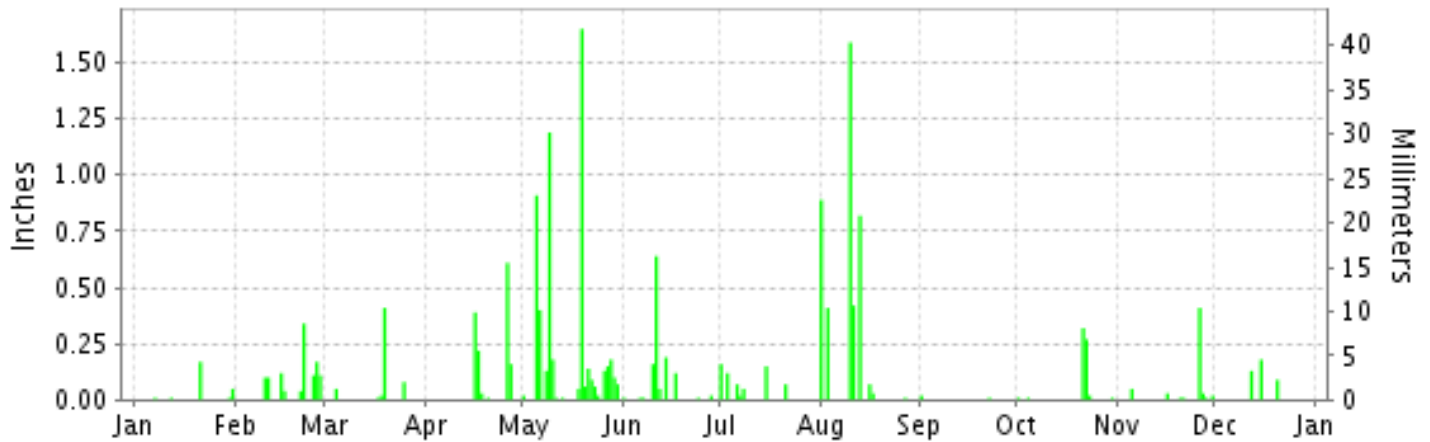
ISSN 0198-7631

PUEBLO, COLORADO (KPUB)

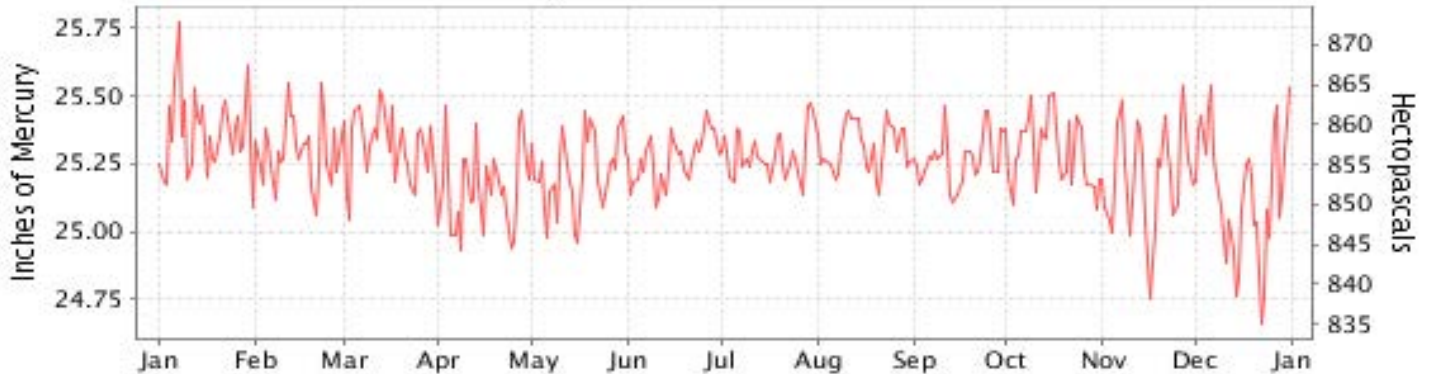
Daily Max/Min Temperature



Daily Precipitation



Daily Station Pressure



I CERTIFY THAT THIS IS AN OFFICIAL PUBLICATION OF THE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION, AND IS COMPILED FROM RECORDS ON FILE AT THE NATIONAL CLIMATIC DATA CENTER.

NATIONAL
OCEANIC AND
ATMOSPHERIC ADMINISTRATION

NATIONAL
ENVIRONMENTAL SATELLITE, DATA
AND INFORMATION SERVICE

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

Thomas R. Karl
DIRECTOR
NCEI

METEOROLOGICAL DATA FOR 2015

PUEBLO (KPUB)

LATITUDE: 38° 17'N LONGITUDE: 104° 29'W ELEVATION (FT): GRND: 4720 BARO: 4655 TIME ZONE: MOUNTAIN (UTC -7) WBAN: 93058

ELEMENT		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR	
TEMPERATURE °F	MEAN DAILY MAXIMUM	49.3	50.6	61.7	67.8	68.2	88.5	93.0	93.7	89.3	75.1	59.3	48.7	70.4	
	HIGHEST DAILY MAXIMUM	73	78	85	83	84	101	101	103	98	94	81	70	103	
	DATE OF OCCURRENCE	27	07+	16	30	31	24	26+	06	13	11	01	09	AUG 06	
	MEAN DAILY MINIMUM	17.7	20.1	28.6	36.4	45.8	57.2	62.3	61.4	54.6	43.6	23.7	19.6	39.3	
	LOWEST DAILY MINIMUM	-8	0	2	27	33	50	56	50	47	28	6	3	-8	
	DATE OF OCCURRENCE	01	28	05	04	10	08+	08	20	21+	31+	27	30	JAN 01	
	AVERAGE DRY BULB	33.5	35.3	45.1	52.1	57.0	72.8	77.7	77.6	72.0	59.4	41.5	34.1	54.8	
	MEAN WET BULB	27.6		36.3	41.2	49.9	60.7	61.3	61.1	55.4	48.0	31.9	26.9		
	MEAN DEW POINT	19.8		24.4	26.9	44.7	53.2	50.9	50.7	42.0	37.7	18.5	16.9		
	NUMBER OF DAYS WITH:														
	MAXIMUM >= 90°	0	0	0	0	0	12	24	28	18	1	0	0	0	83
	MAXIMUM <= 32°	6	6	2	0	0	0	0	0	0	0	3	4	4	21
MINIMUM <= 32°	29	26	22	5	0	0	0	0	0	3	25	29	29	139	
MINIMUM <= 0°	3	1	0	0	0	0	0	0	0	0	0	0	0	4	
H/C	HEATING DEGREE DAYS	967	824	608	380	244	0	0	0	0	176	698	947	4844	
	COOLING DEGREE DAYS	0	0	0	0	4	243	400	399	217	10	0	0	1273	
RH	MEAN (PERCENT)	67	62	53	46	70	56	45	46	39	52	48	56	53	
	HOUR 05 LST	79	75	76	70	86	76	66	69	60	72	66	67	72	
	HOUR 11 LST	52	48	37	30	54	37	26	27	23	35	30	38	36	
	HOUR 17 LST	60	51	35	31	57	40	34	31	27	42	41	56	42	
	HOUR 23 LST	77	74	65	58	83	70	59	62	50	61	57	68	65	
W/O	NUMBER OF DAYS WITH:														
	HEAVY FOG(VISBY <= 1/4 MI)	2	0	0	0	0	0	0	0	0	2	2	1	7	
	THUNDERSTORMS	0	0	0	2	9	10	5	7	3	1	0	0	37	
PR	MEAN STATION PRESS. (IN.)	25.37		25.32	25.16	25.22	25.27	25.29	25.31	25.27	25.30	25.20	25.14		
	MEAN SEA-LEVEL PRESS. (IN.)	30.21	30.12	30.08	29.85	29.89	29.87	29.87	29.90	29.87	29.97	29.97	29.96	29.96	
WINDS	RESULTANT SPEED (MPH)	1.0	0.7	1.6	2.0	2.9	1.6	1.0	0.6	0.1	1.6	2.1	2.4	1.0	
	RES. DIR. (TENS OF DEGS.)	32	04	02	03	09	08	33	05	34	04	32	33	03	
	MEAN SPEED (MPH)	6.7	7.7	7.3	9.7	8.8	7.4	8.0	7.8	7.2	6.7	8.4	7.3	7.8	
	PREVAIL.DIR.(TENS OF DEGS.)	28	28	27	01	11	08	27	28	28	03	10	29	11	
	MAXIMUM 2-MINUTE WIND														
	SPEED (MPH)	38	49	35	56	46	43	37	41	35	40	52	38	56	
	DIR. (TENS OF DEGS.)	31	02	30	01	23	21	34	28	02	01	36	01	01	
	DATE OF OCCURRENCE	28	20	03	02	06	23	01	03	28	27	17	26	APR 02	
	MAXIMUM 3-SECOND WIND:														
SPEED (MPH)	43	59	43	66	60	54	46	51	42	49	65	47	66		
DIR. (TENS OF DEGS.)	32	02	03	01	03	22	34	28	02	31	35	27	01		
DATE OF OCCURRENCE	28	20	16	02	09	23	01	03	28	27	17	11	APR 02		
PRECIPITATION	WATER EQUIVALENT:														
	TOTAL (IN.)	0.25	1.13	0.57	1.42	5.55	1.22	0.64	4.24	0.03	0.64	0.57	0.40	16.66	
	GREATEST 24-HOUR (IN.)	0.17	0.34	0.43	0.77	1.70	0.69	0.16	1.68	0.02	0.54	0.44	0.18	1.70	
	DATE OF OCCURRENCE	21	22	18-19	26-27	18-19	11-12	01	10-11	01	21-22	26-27	15	MAY 18-19	
	NUMBER OF DAYS WITH:														
	PRECIPITATION 0.01	5	9	5	6	20	10	7	8	2	6	8	3	89	
PRECIPITATION 0.10	1	7	1	4	11	4	3	5	0	2	1	2	41		
PRECIPITATION 1.00	0	0	0	0	2	0	0	1	0	0	0	0	3		
SNOWFALL	SNOW,ICE PELLETS,HAIL	4.5	23.5	1.7	T	T	0.0	0.0	0.0	0.0	0.0	6.4	5.5	41.6	
	TOTAL (IN.)	4.1	7.4	1.7	T	T	0.0	0.0	0.0	0.0	0.0	4.2	3.3	7.4	
	GREATEST 24-HOUR (IN.)	21	26	04	18	23+						26	15	FEB 26	
	DATE OF OCCURRENCE	4	9	2	0	0	0	0	0	0	0	5	3	9	
	MAXIMUM SNOW DEPTH (IN.)	22	27	01								27	15	FEB 27	
	DATE OF OCCURRENCE														
	NUMBER OF DAYS WITH:														
SNOWFALL >= 1.0	1	5	1	0	0	0	0	0	0	0	2	2	11		

NORMALS, MEANS, AND EXTREMES PUEBLO (KPUB)

LATITUDE: 38° 17'N **LONGITUDE:** 104° 29'W **ELEVATION (FT):** GRND: 4720 BARO: 4655 **TIME ZONE:** MOUNTAIN (UTC -7) **WBAN: 93058**

ELEMENT		POR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
TEMPERATURE °F	NORMAL DAILY MAXIMUM	30	47.0	50.5	59.1	67.2	76.8	87.2	92.9	89.4	81.6	69.4	56.1	46.0	68.6
	MEAN DAILY MAXIMUM	61	46.2	50.3	58.2	67.2	76.7	87.7	92.9	89.9	82.0	70.2	56.4	47.3	68.8
	HIGHEST DAILY MAXIMUM	73	81	81	86	93	102	108	109	105	100	94	85	82	109
	YEAR OF OCCURRENCE		1997	1981	1989	1992	2002	1990	2003	2008	2014	2015	2006	1980	JUL 2003
	MEAN OF EXTREME MAXS.	61	68.5	70.9	78.5	85.5	92.0	100.2	102.4	99.7	95.4	87.6	76.6	69.5	85.6
	NORMAL DAILY MINIMUM	30	14.0	17.3	25.6	33.9	44.1	52.8	58.7	57.5	47.7	34.2	22.5	14.2	35.2
	MEAN DAILY MINIMUM	61	13.9	18.3	25.7	34.9	45.0	54.0	60.3	58.5	49.3	36.1	23.5	15.7	36.3
	LOWEST DAILY MINIMUM	73	-29	-31	-20	2	23	35	44	40	21	4	-17	-25	-31
	YEAR OF OCCURRENCE		1948	1951	1948	1997	2013	2007	1994	1968	1999	1997	1991	1990	FEB 1951
	MEAN OF EXTREME MINS.	61	-6.6	-1.0	8.4	20.6	32.2	43.8	52.7	50.5	36.1	22.3	6.0	-4.0	21.8
	NORMAL DRY BULB	30	30.5	33.9	42.3	50.6	60.4	70.0	75.8	73.4	64.7	51.8	39.3	30.1	51.9
	MEAN DRY BULB	61	30.1	34.3	42.0	51.0	60.9	71.1	76.6	74.2	65.7	53.1	40.0	31.5	52.5
	MEAN WET BULB	34	23.2	26.1	31.4	37.4	46.3	52.9	58.4	58.2	50.3	40.3	30.2	24.8	40.0
	MEAN DEW POINT	34	20.1	21.0	27.1	32.6	42.0	49.2	54.1	54.8	46.0	35.5	26.8	21.2	35.9
	NORMAL NO. DAYS WITH: MAXIMUM >= 90	30	0.0	0.0	0.0	0.2	2.3	13.0	21.2	17.0	6.4	0.3	0.0	0.0	60.4
	MAXIMUM <= 32	30	4.5	2.7	0.8	0.1	0.0	0.0	0.0	0.0	0.0	0.1	1.2	4.9	14.3
	MINIMUM <= 32	30	30.5	26.9	24.3	11.6	1.0	0.0	0.0	0.0	0.6	11.9	26.4	30.4	163.6
MINIMUM <= 0	30	2.9	1.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	2.6	7.5	
H/C	NORMAL HEATING DEG. DAYS	30	1069	871	702	435	173	25	1	4	93	412	771	1082	5638
	NORMAL COOLING DEG. DAYS	30	0	0	0	2	32	175	336	266	83	3	0	0	897
RH	NORMAL (PERCENT)	30	61	55	51	48	50	46	48	53	49	50	58	62	53
	HOURLY 05 LST	30	73	69	70	72	76	73	75	79	74	71	78	73	74
	HOURLY 11 LST	30	52	46	42	37	39	35	36	39	38	37	47	52	42
	HOURLY 17 LST	30	51	37	34	32	34	29	32	36	32	33	48	53	38
	HOURLY 23 LST	30	70	63	60	59	60	56	60	66	61	60	72	71	63
S	PERCENT POSSIBLE SUNSHINE	60	75	74	74	74	74	80	79	78	81	79	72	71	76
W/O	MEAN NO. DAYS WITH: HEAVY FOG(VISBY <= 1/4 MI)	49	1.6	1.5	1.2	0.8	0.4	0.1	0.3	0.4	0.6	1.0	1.7	1.8	11.4
	THUNDERSTORMS	58	0.0	0.0	0.4	1.4	5.0	7.2	9.6	8.1	2.5	0.6	0.1	0.0	34.9
CLOUDINESS	MEAN: SUNRISE-SUNSET (OKTAS)	1	3.2	4.0	4.8	4.4	5.2	2.4	2.8	4.0	3.2	2.8	3.2	2.4	3.5
	MIDNIGHT-MIDNIGHT (OKTAS)	1	4.0	4.0	4.8	4.8	5.2	2.4	2.8	4.0	3.2	3.2	3.2	2.4	3.7
	MEAN NO. DAYS WITH: CLEAR	3	11.0	9.3	7.0	9.5	4.0	11.3	15.0	8.0	9.0	11.0	10.0	15.0	120.1
	PARTLY CLOUDY	2	3.5	4.7	2.3	8.5	7.3	4.0	6.5	11.0	1.5	3.5	2.5	4.0	59.3
	CLOUDY	3	3.3	5.7	4.7	5.0	4.3	2.0	2.0	5.0	2.5	5.0	2.5	2.5	44.5
PR	MEAN STATION PRESSURE(IN)	34	25.25	25.23	25.20	25.17	25.20	25.23	25.31	25.32	25.31	25.28	25.26	25.25	25.25
	MEAN SEA-LEVEL PRES. (IN)	34	30.08	30.03	29.93	29.86	29.84	29.83	29.89	29.92	29.94	29.98	30.03	30.07	29.95
WINDS	MEAN SPEED (MPH)	34	7.2	7.9	9.1	10.3	9.6	9.2	8.5	7.8	7.7	7.6	7.2	6.9	8.3
	PREVAIL.DIR.(TENS OF DEGS)	27	28	28	10	10	10	10	12	10	10	11	28	28	28
	MAXIMUM 2-MINUTE: SPEED (MPH)	22	48	54	49	56	56	52	58	56	53	51	52	49	58
	DIR. (TENS OF DEGS)		24	36	36	01	35	29	30	27	36	01	36	32	30
	YEAR OF OCCURRENCE		2013	2011	2014	2015	2001	2014	2000	2006	2012	2012	2015	2011	JUL 2000
	MAXIMUM 3-SECOND SPEED (MPH)	22	62	68	60	67	68	62	78	69	63	63	65	61	78
	DIR. (TENS OF DEGS)		23	36	36	01	36	18	24	30	36	01	35	27	24
	YEAR OF OCCURRENCE		2013	2011	2008	2013	2001	2013	2011	2006	2012	2012	2015	2000	JUL 2011
PRECIPITATION	NORMAL (IN)	30	0.35	0.30	0.93	1.40	1.51	1.36	2.06	2.32	0.77	0.72	0.47	0.38	12.57
	MAXIMUM MONTHLY (IN)	73	1.45	1.39	2.94	6.17	5.55	4.26	5.39	5.85	2.73	4.91	2.48	0.97	6.17
	YEAR OF OCCURRENCE		1948	1987	2000	1942	2015	1961	2009	1955	1976	1957	1991	1979	APR 1942
	MINIMUM MONTHLY (IN)	73	0.00	T	0.04	T	0.22	T	0.09	0.08	T	T	T	T	0.00
	YEAR OF OCCURRENCE		1993	2006	2002	1963	2004	1990	1987	1960	1956	1988	2012	1993	JAN 1993
	MAXIMUM IN 24 HOURS (IN)	73	0.61	0.60	1.31	2.49	2.53	2.24	1.96	2.95	1.57	3.77	1.08	0.71	3.77
	YEAR OF OCCURRENCE		1990	1987	1998	1957	1957	1979	1977	1955	1982	1957	1997	1979	OCT 1957
	NORMAL NO. DAYS WITH: PRECIPITATION >= 0.01	30	4.0	3.7	6.3	6.6	7.9	7.1	9.1	9.5	5.6	4.1	3.9	4.1	71.9
	PRECIPITATION >= 1.00	30	0.0	0.0	0.0	0.2	0.2	0.1	0.5	0.5	0.0	0.0	0.0	0.0	1.5
SNOWFALL	NORMAL (IN)	30	6.5	3.8	5.7	3.8	0.5	0.0	0.0	0.0	0.3	1.3	4.4	5.5	31.8
	MAXIMUM MONTHLY (IN)	73	20.0	23.5	22.4	21.2	10.6	T	T	T	14.0	16.3	29.3	18.6	29.3
	YEAR OF OCCURRENCE		1948	2015	1948	1957	1990	2014	2013	2014	1959	1991	1946	2011	NOV 1946
	MAXIMUM IN 24 HOURS (IN)	73	12.4	8.2	11.1	16.8	9.4	T	T	T	9.5	12.6	16.3	8.7	16.8
	YEAR OF OCCURRENCE'		1990	1989	1998	1990	1990	2014	2013	2014	1959	1991	1946	1961	APR 1990
	MAXIMUM SNOW DEPTH (IN)	66	12	9	10	9	3	0	0	0	1	8	12	11	12
	YEAR OF OCCURRENCE		1960	2015	1998	1990	1990				1984	1997	1972	2011	NOV 1972
	NORMAL NO. DAYS WITH: SNOWFALL >= 1.0	30	1.9	1.3	1.8	1.0	0.1	0.0	0.0	0.0	0.1	0.3	1.2	2.0	9.7

PRECIPITATION (inches) 2015 PUEBLO (KPUB)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1986	0.25	0.14	0.55	0.43	0.84	2.21	1.71	2.42	0.35	0.90	0.48	0.49	10.77
1987	0.74	1.39	0.45	0.30	2.09	1.29	0.09	2.89	0.31	0.04	0.49	0.74	10.82
1988	0.94	0.38	0.93	0.70	1.33	1.86	2.00	0.67	1.80	T	0.17	0.60	11.38
1989	0.42	0.83	0.14	0.59	1.45	1.27	0.61	1.02	1.03	0.10	T	0.87	8.33
1990	0.76	0.69	1.14	1.57	2.34	0.00	5.14	3.08	1.83	0.59	0.54	0.22	17.90
1991	0.08	0.01	0.74	0.83	0.72	1.97	2.79	2.14	1.36	0.62	2.48	0.52	14.26
1992	0.04	0.19	1.31	0.43	0.40	3.15	1.39	2.48	0.70	0.71	1.30	0.47	12.57
1993		0.18	1.72	1.40	1.99	1.49	1.37	3.71	0.62	0.54	1.07	T	
1994	0.46	0.24	0.83	2.13	2.36	2.59	0.12	4.01	0.16	1.69	0.58	0.24	15.41
1995	0.01	0.16	0.88	2.52	4.30	2.29	1.18	2.57	1.38	T	0.14	T	15.43
1996	0.24	0.12	0.95	0.66	1.80	1.32	3.41	2.11	1.46	0.31	0.43	0.22	13.03
1997	0.17	0.42	0.26	2.29	0.53	2.02	0.80	4.13	0.96	0.83	1.53	0.38	14.32
1998	0.10	0.17	1.94	1.88	1.04	0.68	2.42	0.93	0.41	1.60	0.46	0.33	11.96
1999	0.11	0.01	0.56	5.30	1.84	0.19	1.86	2.98	0.31	0.62	0.02	0.05	13.85
2000	0.34	0.04	2.94	1.21	0.85	0.80	3.03	0.92	0.36	1.50	0.08	0.21	12.28
2001	0.81	0.16	0.51	0.48	2.67	1.10	2.70	2.00	0.49	0.07	0.44	0.22	11.65
2002	0.43	0.07	0.04	0.16	0.22	0.43	0.84	0.30	0.42	0.67	0.02	0.34	3.94
2003	0.01	0.81	0.81	1.90	1.56	3.72	0.32	1.17	0.44	0.08	0.04	0.05	10.91
2004	0.51	0.65	0.55	4.85	T	1.93	0.76	3.53	0.22	0.23	0.58	0.25	14.06
2005	0.38	0.20	1.74	1.55	1.16	1.15	0.80	1.39	0.94	1.60	T	0.24	11.15
2006	0.52	T	0.62	0.16	0.98	0.24	3.13	3.78	1.64	1.96	0.18	0.65	13.86
2007	0.42	0.11	0.42	2.83	2.46	1.53	1.52	2.60	0.10	0.33	0.14	0.47	12.93
2008	0.19	0.25	0.62	0.97	0.96	0.89	1.53	2.76	0.77	0.66	0.50	0.29	10.39
2009	0.04	0.04	0.72	1.54	1.07	1.20	5.39	2.71	0.95	1.92	0.07	0.18	15.83
2010	0.19	0.77	1.01	1.14	2.84	0.90	2.28	1.76	0.04	0.03	0.20	0.44	11.60
2011	0.29	0.58	0.65	0.30	0.61	0.80	2.35	0.79	0.46	1.18	0.38	0.84	9.23
2012	0.03	0.60	0.11	0.80	0.92	0.07	0.91	0.24	0.73	0.29	T	0.30	5.00
2013	0.21	0.48	0.21	0.30	0.73	0.27	1.68	3.92	1.27	0.24	0.34	0.03	9.68
2014	0.45	0.28	0.76	2.06	0.65	0.86	3.28	1.26	0.62	0.91	0.46	0.24	11.83
2015	0.25	1.13	0.57	1.42	5.55	1.22	0.64	4.24	0.03	0.64	0.57	0.40	16.66
POR= 60 YRS	0.31	0.32	0.79	1.20	1.49	1.25	1.95	2.12	0.80	0.76	0.46	0.35	11.80

WBAN : 93058

AVERAGE TEMPERATURE (°F) 2015 PUEBLO (KPUB)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1986	39.5	38.9	47.8	53.2	59.9	71.1	75.9	73.3	63.1	50.9	40.1	30.2	53.7
1987	29.8	37.3	40.4	52.9	61.7	71.2	77.0	72.0	65.0	53.3	39.6	29.0	52.4
1988	19.7	33.6	39.7	51.5	60.8	73.2	75.7	75.8	64.8	55.0	41.8	30.5	51.8
1989	33.1	24.0	46.3	52.8	62.8	67.9	76.8	73.6	65.3	53.2	42.3	26.1	52.0
1990	33.6	33.4	42.4	51.6	57.7	74.3	72.8	72.0	68.3	53.3	44.4	24.6	52.4
1991	28.8	38.7	43.4	51.3	64.0	72.3	74.9	73.7	64.7	52.8	33.9	32.1	52.6
1992	33.9	38.6	45.1	54.6	61.9	66.8	73.2	70.5	65.6	52.1	31.1	28.2	51.8
1993	26.5	30.6	42.1	50.5	59.1	68.8	74.9	71.2	60.1	49.0	32.3	31.8	49.7
1994	30.0	32.1	42.6	49.2	61.1	73.1	73.9	73.9	66.0	52.2	38.7	33.7	52.2
1995	31.6	36.7	41.1	44.4	54.0	65.1	71.8	75.6	62.2	48.7	41.3	31.8	50.4
1996	27.9	34.7	38.0	50.4	64.7	70.3	75.0	72.6	62.2	51.2	38.1	32.7	51.5
1997	28.0	31.7	43.1	43.8	58.2	69.5	75.0	72.0	66.5	49.9	34.9	29.5	50.2
1998	31.4	34.5	37.6	47.6	61.3	66.6	75.0	72.4	69.8	53.8	44.3	29.3	52.0
1999	36.2	40.3	44.7	47.8	59.6	68.4	77.2	73.6	62.7	52.2	44.6	33.4	53.4
2000	33.6	40.7	43.5	52.8	63.1	71.3	77.8	76.9	65.4	52.0	32.1	28.2	53.1
2001	26.0	31.5	40.9	53.3	58.9	70.6	78.1	73.8	66.0	52.2	42.3	30.3	52.0
2002	29.5	31.9	37.5	52.8	60.7	75.3	79.1	75.2	66.7	48.3	40.0	32.3	52.4
2003	36.3	30.6	45.3	55.6	63.4	67.8	81.2	76.0	62.6	56.6	39.0	34.1	54.0
2004	31.5	33.3	48.9	50.5	63.2	67.8	73.2	69.5	65.0	52.9	39.0	33.3	52.3
2005	33.3	37.2	40.7	50.2	60.2	70.1	78.3	73.0	67.3	53.2	42.9	30.5	53.1
2006	36.2	32.0	41.9	53.7	62.8	74.3	77.3	73.5	59.5	50.8	41.3	32.0	52.9
2007	23.8	32.8	46.6	48.4	60.0	68.5	75.5	76.6	66.4	54.0	40.7	28.6	51.8
2008	27.5	33.9	41.6	48.1	59.5	70.8	77.4	72.8	64.0	52.4	42.2	30.4	51.7
2009	34.5	37.4	43.3	50.1	62.4	68.8	74.5	72.5	63.9	46.2	42.6	24.4	51.7
2010	30.2	29.0	41.8	51.0	58.7	72.5	76.6	74.5	68.6	55.1	38.1	33.2	52.4
2011	26.9	29.3	45.0	51.2	58.1	73.8	79.2	78.5	66.1	53.9	41.0	25.2	52.4
2012	36.1	33.6	48.7	55.2	62.6	77.0	79.8	75.3	66.5	50.7	43.2	29.8	54.9
2013	29.4	31.9	41.0	46.7	60.8	74.3	76.3	75.2	69.5	51.0	40.4	30.7	52.3
2014	31.0	32.0	43.1	52.1	61.3	72.7	75.1	73.3	67.2	55.9	36.9	30.3	52.6
2015	33.5	35.3	45.1	52.1	57.0	72.8	77.7	77.6	72.0	59.4	41.5	34.1	54.8
POR= 61 YRS	30.1	34.3	42.0	51.0	60.9	71.1	76.6	74.2	65.7	53.1	40.0	31.5	52.5

HEATING DEGREE DAYS (base 65°F) 2015 PUEBLO (KPUB)

YEAR	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	TOTAL
1987-88	4	17	43	355	754	1111	1399	903	777	399	167	8	5937
1988-89	1	0	84	308	689	1062	980	1145	573	378	134	35	5389
1989-90	0	0	94	373	676	1199	964	877	695	394	233	2	5507
1990-91	1	0	34	360	610	1245	1116	730	667	406	103	3	5275
1991-92	1	0	76	380	929	1014	958	759	608	309	125	41	5200
1992-93	0	15	58	390	1009	1132	1186	959	703	428	195	30	6105
1993-94	0	18	155	491	973	1020	1081	915	687	468	143	0	5951
1994-95	0	6	57	389	785	964	1028	788	734	608	335	64	5758
1995-96	7	0	157	498	700	1019	1144	872	829	435	88	5	5754
1996-97	0	0	122	420	804	995	1139	925	672	633	211	11	5932
1997-98	0	3	58	466	898	1092	1035	848	844	517	126	61	5948
1998-99	0	0	4	339	613	1099	884	684	620	513	180	26	4962
1999-00	0	0	140	390	605	973	965	696	660	360	126	7	4922
2000-01	0	0	114	401	977	1136	1200	933	738	346	202	14	6061
2001-02	0	0	52	395	673	1068	1091	918	845	360	160	11	5573
2002-03	0	0	58	509	745	1007	879	956	605	275	110	29	5173
2003-04	0	0	114	262	771	948	1028	912	491	427	107	27	5087
2004-05	6	18	85	366	774	976	975	772	745	436	184	19	5356
2005-06	0	0	40	371	655	1061	886	920	709	329	130	0	5101
2006-07	0	2	166	434	707	1019	1272	897	565	490	159	28	5739
2007-08	0	0	54	347	720	1124	1156	894	719	499	202	19	5734
2008-09	0	16	59	385	679	1064	937	767	666	442	102	35	5152
2009-10	2	0	102	575	666	1252	1072	1000	712	411	220	16	6028
2010-11	0	0	11	302	799	975	1174	993	612	409	227	2	5504
2011-12	0	0	46	344	713	1227	890	905	499	296	109	0	5029
2012-13	0	0	54	436	648	1084	1097	918	735	541	194	17	5724
2013-	0	0	25	429	729	1055							
2013-14	0	0	25	429	729	1055	1047	920	672	380	156	3	5416
2014-15	1	0	53	272	836	1069	967	824	608	380	244	0	5254
2015-	0	0	0	176	698	947							

WBAN : 93058

COOLING DEGREE DAYS (base 65°F) 2015 PUEBLO (KPUB)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
1986	0	0	0	0	17	212	347	264	45	0	0	0	885
1987	0	0	0	2	26	203	385	240	50	2	0	0	908
1988	0	0	0	0	45	261	342	342	84	4	0	0	1078
1989	0	0	0	16	72	128	373	273	109	11	0	0	982
1990	0	0	0	0	13	286	250	223	140	3	0	0	915
1991	0	0	0	0	78	232	314	276	75	9	0	0	984
1992	0	0	0	3	34	100	262	191	82	0	0	0	672
1993	0	0	0	1	18	152	316	221	16	1	0	0	725
1994	0	0	0	0	29	251	283	289	94	0	0	0	946
1995	0	0	0	0	0	76	228	338	80	0	0	0	722
1996	0	0	0	4	87	170	316	244	45	1	0	0	867
1997	0	0	0	0	7	152	314	229	112	8	0	0	822
1998	0	0	0	0	19	117	318	237	155	0	0	0	846
1999	0	0	0	0	19	136	385	275	79	0	0	0	894
2000	0	0	0	0	77	205	404	373	132	8	0	0	1199
2001	0	0	0	1	19	190	416	280	90	4	0	0	1000
2002	0	0	0	0	33	326	444	326	115	0	0	0	1244
2003	0	0	0	0	67	121	511	348	47	5	0	0	1099
2004	0	0	0	1	60	116	267	164	94	0	0	0	702
2005	0	0	0	0	41	181	418	255	114	13	0	0	1022
2006	0	0	0	0	69	287	390	272	7	3	0	0	1028
2007	0	0	0	0	10	140	334	366	103	12	0	0	965
2008	0	0	0	0	39	200	393	263	36	1	0	0	932
2009	0	0	0	0	28	156	304	240	76	0	0	0	804
2010	0	0	0	0	32	248	367	300	126	1	0	0	1074
2011	0	0	0	0	22	272	447	429	82	7	0	0	1259
2012	0	0	0	9	44	370	467	326	105	1	0	0	1322
2013	0	0	0	1	72	303	363	321	167	3	0	0	1230
2014	0	0	0	2	50	240	321	262	127	0	0	0	1002
2015	0	0	0	0	4	243	400	399	217	10	0	0	1273

SNOWFALL (inches) 2015 PUEBLO (KPUB)

YEAR	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	TOTAL
1987-88	0.0	0.0	0.0	0.0	5.2	12.0	18.3	8.3	11.1	8.9	0.4	0.0	64.2
1988-89	0.0	0.0	0.0	0.0	1.2	9.3	9.0	12.6	T	1.2	T	T	33.3
1989-90	0.0	0.0	0.0	T	T	10.4	15.0	12.7	2.5	18.4	10.6	0.0	69.6
1990-91	0.0	0.0	0.0	1.6	5.1	6.5	2.4	0.1	10.5	2.0	T	T	28.2
1991-92	T	T	T	16.3	25.6	4.0	1.1	0.5	1.2	0.0	0.0	T	48.7
1992-93	T	0.0	0.0				6.4						
1993-94										17.2	T	0.0	
1994-95	0.0	T	0.0	0.0	6.7	5.0	0.4	5.4	11.6	0.0	0.0		
1995-96		0.0	3.5	0.0	1.2	T	5.5	2.7	5.4	3.6	0.0	0.0	
1996-97	0.0	T	0.8	3.5	4.3	2.8	4.8	6.3	3.2	7.3	0.0	T	33.0
1997-98	0.0	T	0.0	8.2	10.6	5.2	1.0	0.6	12.5	1.3	T	0.0	39.4
1998-99	T	T	0.0	T	T	8.1	1.5	0.3	4.8	7.6	T	0.0	22.3
1999-00	0.0	0.0	0.0	2.0	T	0.4	5.5	T	8.2	0.4	0.0	0.0	16.5
2000-01	T	0.0	T	T	1.8	2.4	19.3	4.7	2.4	0.4	0.4	T	31.4
2001-02	T	T	0.0	0.0	2.1	2.9	8.9	2.2	0.7	0.0	0.0	0.0	16.8
2002-03	T	0.0	0.0	0.7	T	5.7	0.2	8.4	4.4	0.2	0.0	T	19.6
2003-04	0.0	0.0	0.0	0.0	0.8	T	9.6	4.5	3.0	2.4	0.0	0.0	20.3
2004-05	0.0	0.0	0.0	0.0	4.9	3.3	2.2	1.1	5.8	0.6	T	0.0	17.9
2005-06	0.0	0.0	0.0	0.0	0.0	5.6	7.6	0.5	3.8	0.0	0.0	0.0	17.5
2006-07	0.0	0.0	0.0	T	4.1	11.5	9.7	2.9	T	3.0	T	0.0	31.2
2007-08	T	T	0.0	T	1.7	7.8	3.9	4.0	6.5	1.4	0.0	0.0	25.3
2008-09	0.0	0.0	0.0	0.0	0.8	3.0	1.3	T	8.4	0.9	0.0	0.0	14.4
2009-10	T	T	T	0.8	0.6	6.0	2.8	10.8	7.9	T	T	0.0	28.9
2010-11	0.0	0.0	0.0	0.0	0.5	7.8	5.7	8.4	2.7	0.2	T	0.0	25.3
2011-12	T	0.0	0.0	0.3	2.7	18.6	0.4	7.2	1.8	1.1	T	0.0	32.1
2012-13	0.0	0.0	0.0	1.6	T	4.0	3.9	5.3	5.7	3.5	0.6	T	24.6
2013-	T	0.0	0.0	0.1	3.6	2.2							
2013-14	T	0.0	0.0	0.1	3.6	2.2	7.8	4.9	2.4	8.3	T	T	29.3
2014-15	0.0	T	0.0	0.0	9.9	3.2	4.5	23.5	1.7	T	T	0.0	42.8
2015-	0.0	0.0	0.0	0.0	6.4	5.5							
POR= 60 YRS	T	T	0.5	1.3	3.7	5.2	5.7	4.5	5.9	3.5	0.3	T	30.6

WBAN : 93058

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 EIGHTHS(OKTAS) FOR REPORTING THE AMOUNT OF SKY COVER.

STATION HISTORY STOPPED WITH THE 2009 ANNUAL. IF YOU NEED STATION HISTORY INFORMATION GO TO "Historical Observing Metadata Repository", URL IS:

<http://www.ncdc.noaa.gov/homr/>

SNOWFALL STOPPED MONTH & YEAR INDICATED ABOVE. NO FURTHER YEARS INCLUDED UNLESS RESTARTED.

NOTE:

The "Period of Record:(POR)" for all "averages" is based on "Summary of the Day First Order Station" and "Cooperative Summary of the Day" archives.

2015 PUEBLO COLORADO (KPUB)

The city of Pueblo is located about 40 miles east-southeast of the Royal Gorge, at the junction of the Arkansas and Fountain Rivers. The mountains west of the city extend from within 25 miles to the southwest to about 35 miles to the northwest. Lake Pueblo, the largest body of water in southern Colorado, is located 7 miles west of the city and provides a variety of water sports, fishing, picnicing, and a wildlife preserve. The countryside surrounding Pueblo consists of rolling plains, broken by normally dry arroyos, and is generally treeless, covered mainly with sparse bunchgrass and occasional cacti. The business section of the city is 4,663 feet above sea level. The National Weather Service Office is located at Pueblo Memorial Airport, 6 miles east of the Pueblo Post Office, and about 1 1/2 miles north of the Arkansas River. Terrain at the airport is relatively flat, and from 50 to 100 feet above the river. The air quality in Pueblo is rated the best of large Colorado cities along the front range.

The climate is semi-arid and marked by large daily temperature variations. The temperature reaches 90 degrees or more about half the time during the summer, but thanks to the low relative humidity, the heat is not oppressive. Summer nights are invariably cool since mountain breezes prevail from shortly after sunset to about noon

the following day. The sun shines about 76 percent of the time. Winter is comparatively mild due to the abundant sunshine and the protection afforded by the nearby mountains. Temperatures reach 50 degrees or higher in the winter. The temperature drops to zero or below about eight times during the winter. Cold spells are generally broken after a few days by chinook winds, a very dry, warm, downslope westerly wind.

The probability of measurable precipitation in summer is one day out of four and in winter one out of eight. Summer rains usually occur in the form of afternoon thunderstorms. Blowing dust frequently develops during the spring months of abnormally dry years, especially in areas where dry farming has been attempted.

Agriculture consists chiefly of cattle grazing on the dry plains and irrigated farming near streams. Sugar beets, corn, chili peppers, and melons are the most important crops. In addition, a variety of vegetables, from asparagus to zucchini, are grown. Some dry farming is attempted, but the extent of such operations is limited by the annual precipitation of less than 12 inches.

Station History

PUEBLO, CO

NAME	Begin Date	End Date	Latitude	Longitude	Elevation Feet	Relocation	Platform
PUEBLO MEMORIAL AP	1970-01-01	1973-01-01	38° 16'	-104° 30'	4684		AIRWAYS, COOP
PUEBLO MEMORIAL AP	2002-12-17	2007-07-09	38° 17'	-104° 29'	4720		ASOS, COOP, WXSVC
PUEBLO MEMORIAL AP	2007-07-09	Present	38° 17'	-104° 29'	4720		ASOS, COOP, WXSVC
PUEBLO MEMORIAL AP	1999-04-24	2002-12-17	38° 17'	-104° 29'	4720	.4 MI NNW	ASOS, COOP, WXSVC
PUEBLO MEMORIAL AP	1954-06-01	1970-01-01	38° 16'	-104° 30'	4646		AIRWAYS, COOP
PUEBLO MEMORIAL AP	1992-10-01	1999-04-24	38° 17'	-104° 29'	4684		ASOS, COOP, WXSVC
PUEBLO MEMORIAL AP	1973-01-01	1992-10-01	38° 16'	-104° 30'	4684		COOP, WXSVC

Element History

Element	Begin Date	End Date	Frequency	Time Of Observation	Equipment *	Equipment * Modifications	Equipment Exposure
PRECIP	1989-05-08	1992-10-01	DAILY	0700	SRG		
TEMP	1992-10-01	1993-09-08	DAILY	0700	MXMN		
WIND	1992-10-01	1993-09-08	HOURLY	UNKN	ANEMCUP		
PRECIP	1993-09-08	1999-04-24	HOURLY	2400	UNIV	RCRD	
TEMP	1993-09-08	1999-04-24	DAILY	0700	MXMN		
PRECIP	1999-04-24	2002-12-17	DAILY	0700	TB	RCRD	
PRECIP	2007-04-04	2012-01-31	HOURLY	2400	AHTB	SHLD; RCRD; HTD	
PRECIP	1954-06-01	1971-06-01	DAILY	UNKN			
PRECIP	1971-06-01	1981-04-24	HOURLY	2400			
WIND	2002-12-17	2007-04-04	HOURLY	UNKN	ANEMCUP		
PRECIP	2007-04-04	2012-01-31	DAILY	2400	PCPNX	SHLD	
PRECIP	1981-04-24	1988-09-14	HOURLY	2400	UNIV	RCRD	
TEMP	1989-05-08	1992-10-01	DAILY	0700	MXMN		
EVAP	1992-10-01	1993-09-08	DAILY	0630	SIXES		
PRECIP	1992-10-01	1993-09-08	HOURLY	2400	UNIV	RCRD	
PRECIP	1993-09-08	1999-04-24	DAILY	0700	SRG		
WIND	1999-04-24	2002-12-17	HOURLY	UNKN	ANEMCUP		
WIND	2007-04-04	2012-01-31	HOURLY	UNKN	ANEMSONIC		
EVAP	1954-06-01	1971-06-01	DAILY	UNKN			
TEMP	1954-06-01	1971-06-01	DAILY	UNKN			
PRECIP	1981-04-24	1988-09-14	DAILY	2400	SRG		
PRECIP	1988-09-14	1989-05-08	HOURLY	2400	AHTB		
PRECIP	2002-12-17	2007-04-04	HOURLY	2400	AHTB	SHLD; RCRD; HTD	
TEMP	2002-12-17	2007-04-04	DAILY	2400	ATEMP		
EVAP	2007-04-04	2012-01-31	DAILY	0730	EVAP-C		
EVAP	1988-09-14	1989-05-08	DAILY	0630	SIXES		
PRECIP	1988-09-14	1989-05-08	DAILY	0700	SRG		
EVAP	1989-05-08	1992-10-01	DAILY	0630	SIXES		
EVAP	1999-04-24	2002-12-17	DAILY	0700	EVAP-C		
PRECIP	2002-12-17	2007-04-04	DAILY	2400	PCPNX	SHLD	
EVAP	2002-12-17	2007-04-04	DAILY	0730	EVAP-C		
PRECIP	2012-01-31	Present	HOURLY	2400	AHTB		
EVAP	1971-06-01	1981-04-24	DAILY	0800			
PRECIP	1971-06-01	1981-04-24	DAILY	2400			
TEMP	1988-09-14	1989-05-08	DAILY	0700	MXMN		
PRECIP	1992-10-01	1993-09-08	DAILY	0700	SRG		
WIND	1993-09-08	1999-04-24	HOURLY	UNKN	ANEMCUP		
TEMP	1999-04-24	2002-12-17	DAILY	0700	HYGR		
PRECIP	1999-04-24	2002-12-17	HOURLY	2400	TB	RCRD	
TEMP	2012-01-31	Present	DAILY	2400	ATEMP		
PRECIP	2012-01-31	Present	DAILY	2400	PCPNX	SHLD	
TEMP	1981-04-24	1988-09-14	DAILY	2300	MXMN		
PRECIP	1989-05-08	1992-10-01	HOURLY	2400	UNIV	RCRD	
EVAP	1993-09-08	1999-04-24	DAILY	0630	EVAP-C		
TEMP	2007-04-04	2012-01-31	DAILY	2400	ATEMP		

Element History continued on next page. Also see Station Metadata link below for complete history.

* For explanation of codes and abbreviations 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

NOAA/National Centers for Environmental Information

Attn: User Engagement & Services Branch

151 Patton Avenue

Asheville, NC 28801-5001

Visit our Web Site for other weather data: www.ncdc.noaa.gov

Element History

PUEBLO, CO

Element	Begin Date	End Date	Frequency	Time Of Observation	Equipment	Equipment Modifications	Equipment Exposure
PRECIP	1954-06-01	1971-06-01	HOURLY	2400			
TEMP	1971-06-01	1981-04-24	DAILY	2400			
EVAP	2012-01-31	Present	DAILY	0730	EVAP-C		