

1999

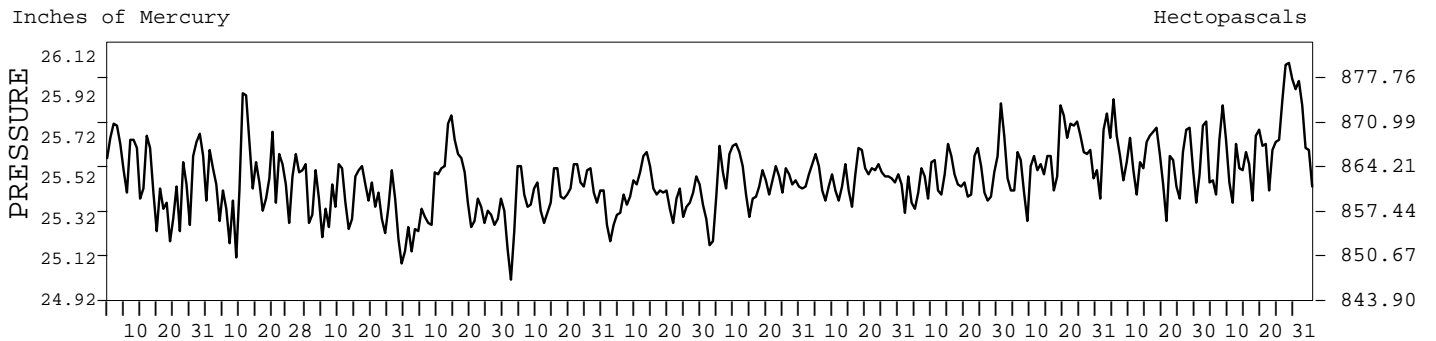
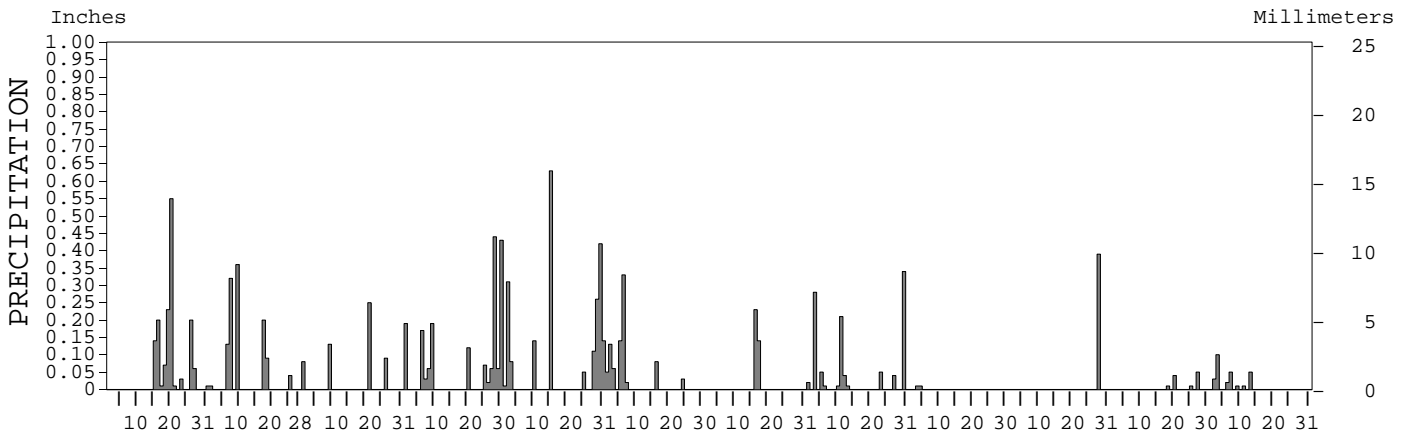
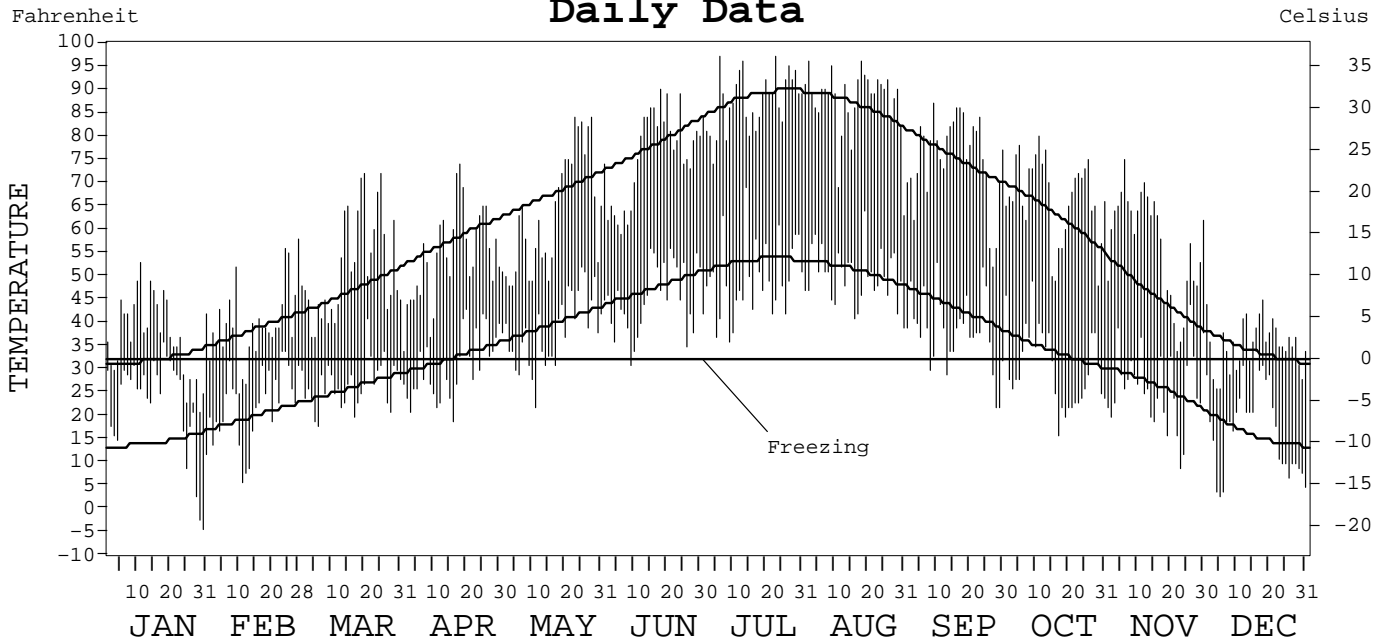
LOCAL CLIMATOLOGICAL DATA
ANNUAL SUMMARY WITH COMPARATIVE DATA



ISSN 0198-1803

POCATELLO,
IDAHO (PIH)

Daily Data



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METEOROLOGICAL DATA FOR 1999

POCATELLO, ID (PIH)

LATITUDE: 42° 55' 13" N LONGITUDE: 112° 34' 16" W ELEVATION (FT): GRND: 4460 BARO: 4460 TIME ZONE: MOUNTAIN (UTC + 7) WBAN: 24156

ELEMENT		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR	
TEMPERATURE °F	MEAN DAILY MAXIMUM	37.1	39.9	52.0	54.5	63.5	75.7	87.3	87.5	75.3	66.7	56.4	35.4	60.9	
	HIGHEST DAILY MAXIMUM	53	58	72	74	84	90	97	96	87	80	75	45	97	
	DATE OF OCCURRENCE	11	28	25+	18	28+	18	23	18+	09	11	06	18	JUL 23	
	MEAN DAILY MINIMUM	22.6	22.5	26.8	30.7	38.3	45.3	49.3	50.0	38.2	30.4	26.1	17.4	33.1	
	LOWEST DAILY MINIMUM	-4	6	18	19	22	31	36	39	22	16	9	3	-4	
	DATE OF OCCURRENCE	30	11	06	16	11	09	09	31	29+	17	23	05	JAN 30	
	AVERAGE DRY BULB	29.9	31.2	39.4	42.6	50.9	60.5	68.3	68.8	56.8	48.6	41.3	26.4	47.1	
	MEAN WET BULB	27.0	28.8	33.3	36.2	43.4	51.1	53.9	55.0	44.3	37.7	34.0	24.1	39.1	
	MEAN DEW POINT	22.0	23.6	25.1	26.8	34.4	42.2	40.7	43.9	29.3	23.0	24.4	19.5	29.6	
	NUMBER OF DAYS WITH:														
	MAXIMUM ≥ 90°	0	0	0	0	0	1	10	15	0	0	0	0	0	26
	MAXIMUM ≤ 32°	10	4	0	0	0	0	0	0	0	0	0	9	23	
	MINIMUM ≤ 32°	29	26	28	17	7	1	0	0	6	19	23	30	186	
	MINIMUM ≤ 0°	2	0	0	0	0	0	0	0	0	0	0	0	2	
H/C	HEATING DEGREE DAYS	1081	940	785	664	431	164	19	18	240	505	703	1188	6738	
	COOLING DEGREE DAYS	0	0	0	0	3	35	128	139	1	0	0	0	306	
RH	MEAN (PERCENT)	74	72	61	58	56	53	39	46	39	41	57	75	56	
	HOUR 05 LST	79	77	74	72	76	74	60	70	62	60	71	82	71	
	HOUR 11 LST	72	66	54	53	51	45	30	33	29	32	49	73	49	
	HOUR 17 LST	70	69	48	43	41	36	20	24	19	25	44	69	42	
	HOUR 23 LST	73	74	64	64	60	59	43	52	41	42	58	79	59	
S	PERCENT POSSIBLE SUNSHINE	50	68	81	73	85	95	98	97	98	98	88			
W/O	NUMBER OF DAYS WITH:														
	HEAVY FOG (VISBY ≤ 1/4 MI)	2	4	1	0	2	0	0	0	0	0	1	10	20	
	THUNDERSTORMS	0	1	0	2	4	4	4	12	1	0	0	0	28	
CLOUDINESS	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.)	25.54	25.51	25.41	25.42	25.44	25.43	25.49	25.52	25.54	25.63	25.62	25.70	25.52	
	MEAN SEA-LEVEL PRESS. (IN.)	30.17	30.13	29.97	29.95	29.93	29.88	29.91	29.95	30.02	30.16	30.18	30.36	30.05	
WINDS	RESULTANT SPEED (MPH)	8.9	9.5	5.2	4.0	8.1	5.6	3.4	2.5	4.1	5.6	4.4	6.1	5.5	
	RES. DIR. (TENS OF DEGS.)	23	22	24	24	23	23	20	21	24	23	22	22	23	
	MEAN SPEED (MPH)	11.9	13.5	9.9	11.9	11.2	9.9	9.1	8.0	8.7	9.1	8.8	9.1	10.1	
	PREVAIL. DIR. (TENS OF DEGS.)	22	24	25	22	24	25	21	22	23	22	21	24	24	
	MAXIMUM 2-MINUTE WIND:														
	SPEED (MPH)	38	47	40	43	36	39	31	47	46	36	39	40	47	
	DIR. (TENS OF DEGS.)	23	26	26	24	25	22	23	22	24	18	23	25	22	
	DATE OF OCCURRENCE	15	17	27	09	04	16	24	30	25	28	17	18	AUG 30	
	MAXIMUM 5-SECOND WIND:														
	SPEED (MPH)	48	53	46	47	44	47	39	60	54	41	45	48	60	
DIR. (TENS OF DEGS.)	23	26	25	25	24	22	18	22	26	18	24	25	22		
DATE OF OCCURRENCE	15	17	27	09	04	16	14	30	25	28	17	18	AUG 30		
PRECIPITATION	WATER EQUIVALENT:														
	TOTAL (IN.)	1.51	1.15	0.55	1.84	2.15	0.84	0.37	1.06	0.02	0.39	0.11	0.27	10.26	
	GREATEST 24-HOUR (IN.)	0.78	0.36	0.25	0.46	0.63	0.33	0.37	0.34	0.02	0.39	0.05	0.13	0.78	
	DATE OF OCCURRENCE	19-20	09	21	28-29	15	06	16-17	30	03-04	28	27	02-03	JAN 19-20	
	NUMBER OF DAYS WITH:														
	PRECIPITATION ≥ 0.01	11	7	4	12	10	8	2	11	2	1	4	7	79	
PRECIPITATION ≥ 0.10	5	4	2	6	7	3	2	3	0	1	0	1	34		
PRECIPITATION ≥ 1.00	0	0	0	0	0	0	0	0	0	0	0	0	0		
SNOWFALL	SNOW, ICE PELLETS, HAIL:														
	TOTAL (IN.)	9.6	3.2	1.3	3.3	4.4	0.0	T	T	0.0	T	T	3.4	25.2	
	GREATEST 24-HOUR (IN.)	4.0	2.4	1.3	1.9	3.0	0.0	T	0.0	0.0	0.0	T	1.5	4.0	
	DATE OF OCCURRENCE	26	09	09	09	15		17+			15	25+	03	JAN 26	
	MAXIMUM SNOW DEPTH (IN.)	5	4	T	1	3	0	0	0	0	0	T	2	5	
	DATE OF OCCURRENCE	30+	01	10+	09	15						18	03	JAN 30+	
NUMBER OF DAYS WITH:															
SNOWFALL ≥ 1.0	3	1	1	2	2	0	0	0	0	0	0	1	10		

NORMALS, MEANS, AND EXTREMES

POCATELLO, ID (PIH)

LATITUDE: 42° 55' 13" N LONGITUDE: 112° 34' 16" W ELEVATION (FT): GRND: 4460 BARO: 4460 TIME ZONE: MOUNTAIN (UTC + 7) WBAN: 24156

		POR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR	
TEMPERATURE °F	NORMAL DAILY MAXIMUM	30	32.2	38.4	46.7	57.5	67.5	78.0	88.1	86.3	75.1	62.5	45.2	33.7	59.3	
	MEAN DAILY MAXIMUM	52	32.5	38.6	47.2	57.7	67.9	77.8	87.9	86.6	75.9	62.4	45.5	34.4	59.5	
	HIGHEST DAILY MAXIMUM	50	57	65	75	86	93	103	102	104	98	91	75	64	104	
	YEAR OF OCCURRENCE		1974	1992	1994	1994	1954	1988	1998	1990	1976	1992	1999	1995		AUG 1990
	MEAN OF EXTREME MAXS.	52	47.7	53.5	63.6	75.5	84.6	93.2	98.1	97.6	90.9	80.1	63.0	50.9	74.9	
	NORMAL DAILY MINIMUM	30	14.4	19.8	25.9	32.3	39.6	47.3	53.0	50.9	42.8	33.5	26.0	15.8	33.4	
	MEAN DAILY MINIMUM	52	14.9	20.1	26.0	32.7	40.3	47.1	52.9	51.5	42.7	33.3	25.0	16.9	33.6	
	LOWEST DAILY MINIMUM	50	-30	-33	-12	13	20	28	34	30	19	10	-14	-29	-33	
	YEAR OF OCCURRENCE		1962	1985	1985	1997	1972	1995	1981	1992	1985	1971	1993	1990		FEB 1985
	MEAN OF EXTREME MINS.	52	-9.4	-9	10.2	20.9	28.4	35.3	41.4	39.6	28.9	19.0	6.2	-4.2	17.9	
	NORMAL DRY BULB	30	23.3	29.1	36.3	44.9	53.6	62.7	70.6	68.7	59.0	48.0	35.6	24.8	46.4	
	MEAN DRY BULB	52	23.7	29.4	36.7	45.2	54.0	62.4	70.4	69.0	59.3	47.9	35.3	25.6	46.6	
	MEAN WET BULB	16	22.3	26.5	33.1	38.7	45.7	51.6	55.5	54.1	47.4	39.5	30.8	19.6	38.7	
	MEAN DEW POINT	16	18.1	21.4	25.7	29.0	36.4	41.7	44.2	41.1	35.6	29.2	24.8	15.8	30.2	
	NORMAL NO. DAYS WITH:															
MAXIMUM ≥ 90°	30	0.0	0.0	0.0	0.0	0.0	4.4	14.9	12.1	2.0	0.0	0.0	0.0	33.4		
MAXIMUM ≤ 32°	30	14.8	7.1	2.0	*	0.0	0.0	0.0	0.0	0.0	0.1	3.5	12.7	40.2		
MINIMUM ≤ 32°	30	28.1	24.8	25.0	16.0	4.1	0.3	0.0	*	3.2	14.5	23.0	28.5	167.5		
MINIMUM ≤ 0°	30	5.6	2.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	3.9	12.2		
H/C	NORMAL HEATING DEG. DAYS	30	1293	1005	890	603	353	125	9	29	218	527	882	1246	7180	
	NORMAL COOLING DEG. DAYS	30	0	0	0	0	0	56	183	144	38	0	0	0	421	
RH	NORMAL (PERCENT)	30	75	72	65	54	52	49	41	40	47	54	69	75	58	
	HOUR 05 LST	30	79	79	76	70	70	71	63	61	65	70	77	80	72	
	HOUR 11 LST	30	75	70	60	48	44	41	34	34	39	48	66	75	53	
	HOUR 17 LST	30	70	62	51	38	35	31	24	23	28	37	59	70	44	
	HOUR 23 LST	30	78	76	69	57	56	53	45	43	50	58	72	77	61	
S	PERCENT POSSIBLE SUNSHINE	50	40	53	61	66	67	75	83	81	80	72	48	40	64	
W/O	MEAN NO. DAYS WITH:															
	HEAVY FOG (VISBY ≤ 1/4 MI)	49	4.3	3.3	1.5	0.5	0.2	0.0	0.0	0.0	0.1	0.4	1.9	4.5	16.7	
	THUNDERSTORMS	49	0.1	0.2	0.5	0.9	3.6	4.9	5.6	5.2	2.6	0.6	0.1	0.1	24.4	
CLOUDINESS	MEAN:															
	SUNRISE-SUNSET (OKTAS)	47	6.4	6.0	5.7	5.4	5.0	3.9	2.7	3.0	3.2	4.1	5.6	6.2	4.8	
	MIDNIGHT-MIDNIGHT (OKTAS)	32	6.2	5.5	5.0	5.0	4.4	3.7	2.6	2.7	2.9	3.6	5.4	5.8	4.4	
	MEAN NO. DAYS WITH:															
	CLEAR	47	2.6	4.1	5.2	6.1	7.5	11.8	17.4	15.5	15.1	11.9	5.0	3.4	105.6	
PARTLY CLOUDY	47	6.7	6.4	8.1	7.8	9.8	9.5	8.9	10.6	8.2	8.3	7.1	6.8	98.2		
CLOUDY	47	21.7	17.8	17.7	16.0	13.7	8.7	4.7	4.9	6.7	10.8	17.8	20.8	161.3		
PR	MEAN STATION PRESSURE (IN)	26	25.55	25.51	25.43	25.43	25.43	25.46	25.51	25.51	25.52	25.55	25.53	24.64	25.42	
	MEAN SEA-LEVEL PRES. (IN)	16	30.22	30.14	30.04	29.94	29.90	29.90	29.92	29.93	29.98	30.08	30.13	30.27	30.04	
WINDS	MEAN SPEED (MPH)	37	10.1	10.9	11.3	11.8	10.7	10.2	9.4	9.0	9.0	9.6	10.5	10.0	10.2	
	PREVAIL. DIR (TENS OF DEGS)	21	24	24	24	24	24	24	24	24	24	24	24	24	24	
	MAXIMUM 2-MINUTE:															
	SPEED (MPH)	3	46	47	41	55	49	45	45	47	46	43	39	40	55	
	DIR. (TENS OF DEGS)		18	26	24	23	24	28	19	22	24	26	23	25	23	
	YEAR OF OCCURRENCE		1997	1999	1997	1998	1998	1998	1997	1999	1999	1997	1999	1999	APR 1998	
	MAXIMUM 5-SECOND:															
SPEED (MPH)	3	55	53	49	55	57	52	55	60	59	53	48	48	60		
DIR. (TENS OF DEGS)		18	26	23	23	24	29	19	22	17	26	18	25	22		
YEAR OF OCCURRENCE		1997	1999	1997	1998	1998	1998	1997	1999	1997	1997	1998	1999	AUG 1999		
PRECIPITATION	NORMAL (IN)	30	1.04	0.92	1.26	1.20	1.35	1.02	0.65	0.67	0.85	0.91	1.16	1.11	12.14	
	MAXIMUM MONTHLY (IN)	50	3.24	2.63	2.95	3.30	3.29	3.30	2.28	3.98	3.43	2.56	2.84	3.39	3.98	
	YEAR OF OCCURRENCE		1980	1986	1983	1963	1980	1995	1984	1968	1982	1956	1983	1983	AUG 1968	
	MINIMUM MONTHLY (IN)	50	0.21	0.12	0.10	0.06	0.19	0.02	T	T	0.00	0.00	0.01	0.07	0.00	
	YEAR OF OCCURRENCE		1992	1970	1965	1977	1969	1974	1988	1958	1987	1988	1976	1989	OCT 1988	
	MAXIMUM IN 24 HOURS (IN)	50	0.97	0.67	1.27	1.25	1.67	1.18	0.98	1.16	1.13	1.82	0.85	0.94	1.82	
	YEAR OF OCCURRENCE		1970	1983	1990	1976	1970	1993	1965	1972	1982	1976	1969	1983	OCT 1976	
NORMAL NO. DAYS WITH:																
PRECIPITATION ≥ 0.01	30	12.2	10.2	10.6	8.9	9.3	7.1	4.1	5.0	5.3	5.3	10.0	11.6	99.6		
PRECIPITATION ≥ 1.00	30	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.3		
SNOWFALL	NORMAL (IN)	30	8.7	6.3	6.6	4.7	0.8	0.*	0.0	0.0	0.1	2.1	5.8	10.0	45.1	
	MAXIMUM MONTHLY (IN)	50	29.6	21.3	16.6	15.5	5.5	0.4	T	T	2.0	12.6	27.5	33.7	33.7	
	YEAR OF OCCURRENCE		1993	1993	1985	1976	1983	1995	1996	1995	1965	1971	1985	1983	DEC 1983	
	MAXIMUM IN 24 HOURS (IN)	50	10.1	6.4	8.4	10.0	5.2	0.4	T	T	2.0	8.0	7.8	10.8	10.8	
	YEAR OF OCCURRENCE		1950	1984	1985	1976	1983	1995	1995	1995	1965	1980	1992	1988	DEC 1988	
	MAXIMUM SNOW DEPTH (IN)	51	20	20	13	13	3	0	0	0	1	8	10	14	20	
	YEAR OF OCCURRENCE		1949	1949	1964	1976	1975				1965	1997	1985	1990	FEB 1949	
NORMAL NO. DAYS WITH:																
SNOWFALL ≥ 1.0	30	2.9	2.1	2.3	1.4	0.3	0.0	0.0	0.0	0.1	0.5	2.1	3.3	15.0		

PRECIPITATION (inches) 1999 POCATELLO, ID (PIH)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1970	1.98	0.12	1.11	1.28	2.03	1.18	1.25	0.11	0.80	0.68	1.60	1.13	13.27
1971	1.47	0.62	1.90	2.33	0.50	1.26	0.32	0.58	2.06	2.29	1.81	1.69	16.83
1972	1.45	0.92	0.61	1.36	0.54	1.29	0.56	1.36	1.14	1.39	0.44	1.89	12.95
1973	1.04	1.00	1.45	0.70	0.44	0.87	1.84	0.13	2.29	1.19	1.87	0.84	13.66
1974	1.55	0.66	1.66	1.40	1.28	0.02	0.14	0.15	0.07	1.99	0.77	0.93	10.62
1975	0.65	1.51	1.71	1.51	1.64	0.73	1.61	0.02	0.03	2.54	0.95	0.59	13.49
1976	0.45	1.42	1.08	2.82	0.51	0.98	0.77	0.74	0.45	1.83	0.01	0.20	11.26
1977	0.70	0.37	0.79	0.06	2.09	0.77	0.58	0.32	0.99	0.18	0.94	1.08	8.87
1978	1.17	1.07	1.16	1.24	1.99	0.22	0.03	0.41	0.87	0.06	1.39	0.74	10.35
1979	1.09	1.17	0.79	0.63	0.33	0.96	0.59	0.70	0.23	0.79	1.12	0.40	8.80
1980	3.24	1.12	1.52	0.55	3.29	0.86	0.72	1.25	1.34	1.88	1.13	0.37	17.27
1981	0.72	0.47	1.69	1.27	3.24	0.68	0.29	0.32	0.08	1.52	1.67	2.22	14.17
1982	1.40	0.91	1.98	1.02	1.06	0.47	1.27	2.02	3.43	0.99	1.17	2.00	17.72
1983	0.48	1.12	2.95	0.72	1.99	1.19	1.13	1.67	1.64	1.21	2.84	3.39	20.33
1984	0.49	2.06	0.63	2.13	0.69	1.33	2.28	0.71	0.50	0.89	0.96	0.53	13.20
1985	0.71	0.96	1.55	0.29	1.27	1.04	0.48	0.05	1.42	0.50	2.37	1.17	11.81
1986	1.07	2.63	0.87	2.56	1.90	0.33	0.12	0.14	1.33	0.39	0.89	0.20	12.43
1987	1.03	0.71	0.84	0.47	2.02	0.67	1.93	0.66	0.00	0.25	0.44	1.21	10.23
1988	1.06	0.21	0.83	0.97	0.78	0.37	T	0.20	0.04	0.00	2.27	1.19	7.92
1989	0.59	1.36	2.91	0.33	0.76	0.62	0.11	0.43	0.48	0.84	1.03	0.07	9.53
1990	0.53	0.24	2.28	1.43	1.37	0.75	0.14	0.70	0.33	0.31	0.92	1.15	10.15
1991	0.71	0.28	2.25	2.56	3.02	0.59	0.12	0.85	0.66	0.74	1.65	0.22	13.65
1992	0.21	0.65	0.47	0.72	0.25	1.34	0.71	0.37	0.08	0.98	1.37	1.82	8.97
1993	2.30	2.04	1.68	1.54	1.93	2.95	1.07	1.90	0.27	1.01	0.54	0.65	17.88
1994	0.59	1.46	0.11	0.43	1.57	0.10	0.60	0.40	0.38	1.33	0.85	1.27	9.09
1995	1.49	0.40	2.94	1.06	1.76	3.30	0.38	0.69	0.50	0.28	1.30	1.96	16.06
1996	1.15	0.68	1.42	0.91	2.93	0.03	0.36	0.12	1.32	0.54	1.00	3.13	13.59
1997	1.86	0.13	0.75	1.16	0.86	1.19	1.65	1.59	1.67	1.33	0.37	0.66	13.22
1998	1.98	1.44	1.18	0.69	2.17	1.27	0.57	T	1.89	0.28	1.29	0.73	13.49
1999	1.51	1.15	0.55	1.84	2.15	0.84	0.37	1.06	0.02	0.39	0.11	0.27	10.26
POR= 100 YRS	1.19	0.99	1.23	1.26	1.39	1.05	0.61	0.60	0.82	0.88	0.98	1.01	12.01

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AVERAGE TEMPERATURE (°F) 1999 POCATELLO, ID (PIH)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1970	29.9	37.2	36.1	39.0	53.6	63.1	71.0	72.1	53.7	43.0	37.6	25.0	46.8
1971	27.2	27.8	32.6	42.6	52.7	60.2	68.9	71.1	52.7	42.8	32.7	22.6	44.5
1972	22.9	29.0	41.0	43.0	53.8	62.3	68.6	69.5	55.6	47.8	36.0	18.3	45.7
1973	19.8	27.0	35.9	43.4	55.7	63.4	70.6	69.8	57.3	48.7	36.7	29.6	46.5
1974	22.5	29.8	38.5	45.5	53.3	66.6	71.4	66.8	59.4	48.6	37.1	24.7	47.0
1975	22.4	28.3	35.5	39.9	50.8	61.5	73.8	66.6	60.0	48.1	33.4	32.5	46.1
1976	26.9	29.4	32.6	44.3	57.7	61.6	72.0	65.9	61.1	46.8	37.7	28.4	47.0
1977	17.1	27.5	34.9	49.9	51.7	68.9	70.8	68.9	59.7	50.4	37.1	32.9	47.5
1978	31.1	33.6	42.9	45.9	51.0	61.8	70.1	66.9	58.1	49.5	31.8	20.0	46.9
1979	10.7	27.9	36.1	44.0	54.4	61.7	71.4	69.2	64.7	51.1	28.4	29.3	45.7
1980	24.7	34.5	36.2	48.0	51.4	59.2	68.6	65.2	58.9	46.2	34.7	31.7	46.6
1981	28.5	29.5	39.0	47.5	51.6	61.8	69.6	72.0	61.4	45.4	38.1	30.8	47.9
1982	20.2	23.5	37.7	41.3	51.8	61.8	67.9	70.8	58.3	45.2	31.9	25.3	44.6
1983	31.5	34.0	40.3	42.3	51.5	60.7	67.0	71.1	60.2	49.3	36.3	19.9	47.0
1984	17.7	20.3	34.2	42.8	54.5	59.0	70.1	70.3	58.3	43.8	34.8	19.6	43.8
1985	12.9	18.5	27.5	49.0	56.9	64.1	73.0	66.2	54.2	45.5	26.7	11.4	42.2
1986	23.4	35.5	44.2	45.0	52.8	67.4	67.1	70.5	54.1	48.0	36.0	24.5	47.4
1987	19.2	33.6	39.3	51.5	57.7	65.2	67.7	67.2	60.7	50.4	36.3	26.0	47.9
1988	21.3	32.8	37.6	48.6	54.2	69.6	73.3	68.7	58.0	55.3	35.3	21.8	48.0
1989	19.4	18.9	38.3	49.2	53.4	62.1	73.1	66.8	59.8	46.8	37.0	26.7	46.0
1990	30.0	28.3	40.0	50.1	51.8	62.5	70.9	69.0	65.7	47.8	37.7	14.8	47.4
1991	19.4	36.7	38.5	44.4	51.1	61.1	70.9	72.4	60.0	47.6	32.8	26.4	46.8
1992	26.0	38.0	44.1	51.3	60.2	63.9	67.4	69.6	59.3	51.4	28.8	22.1	48.5
1993	18.1	20.5	36.1	44.4	57.6	57.6	61.1	64.5	57.5	47.4	27.6	26.1	43.2
1994	32.3	29.2	41.2	48.3	58.2	64.4	70.5	72.0	62.3	46.7	29.5	25.8	48.4
1995	30.7	36.5	39.0	44.6	52.0	58.6	67.6	68.4	59.9	46.8	42.2	31.3	48.1
1996	27.8	30.7	39.4	45.4	51.8	63.1	71.0	67.4	56.0	46.0	37.0	30.5	47.2
1997	27.3	30.5	39.4	42.4	56.5	62.5	66.7	68.8	61.4	45.7	35.1	23.2	46.6
1998	33.1	32.7	37.0	44.5	52.0	57.5	72.5	70.8	63.4	46.9	39.0	22.7	47.7
1999	29.9	31.2	39.4	42.6	50.9	60.5	68.3	68.8	56.8	48.6	41.3	26.4	47.1
POR= 100 YRS	24.3	29.3	37.0	45.9	54.4	62.7	71.3	69.5	59.6	48.8	36.2	26.7	47.1

HEATING DEGREE DAYS (base 65°F) 1999 POCATELLO, ID (PIH)

YEAR	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	TOTAL
1970-71	4	2	333	675	817	1236	1166	1034	997	666	376	168	7474
1971-72	19	13	374	684	964	1309	1300	1039	735	654	346	101	7538
1972-73	30	9	281	527	860	1445	1394	1057	895	643	290	135	7566
1973-74	12	18	237	500	843	1089	1313	979	815	580	359	78	6823
1974-75	11	42	173	500	829	1246	1312	1021	908	745	435	122	7344
1975-76	11	40	168	521	943	1001	1172	1026	999	615	219	140	6855
1976-77	1	34	143	561	811	1127	1478	1043	926	445	406	6	6981
1977-78	1	38	189	447	831	990	1045	875	678	567	431	119	6211
1978-79	10	59	241	473	990	1387	1678	1034	887	623	320	155	7857
1979-80	1	10	66	422	1090	1100	1245	876	888	507	415	184	6804
1980-81	5	57	182	576	899	1026	1125	988	801	516	407	127	6709
1981-82	16	9	130	603	800	1051	1382	1161	838	703	406	139	7238
1982-83	38	0	216	607	987	1227	1029	863	760	675	415	141	6958
1983-84	61	3	163	478	854	1392	1461	1291	949	658	333	205	7848
1984-85	5	7	221	648	897	1400	1612	1298	1157	472	246	85	8048
1985-86	0	44	321	597	1143	1657	1281	818	636	592	389	35	7513
1986-87	28	5	326	519	864	1247	1410	875	792	398	231	64	6759
1987-88	46	31	144	445	854	1203	1348	926	843	485	340	38	6703
1988-89	1	3	229	295	888	1330	1408	1292	820	469	355	113	7203
1989-90	0	47	159	556	831	1183	1079	1022	766	438	399	139	6619
1990-91	3	20	53	526	813	1555	1406	786	813	610	425	122	7132
1991-92	3	1	176	533	960	1188	1201	776	639	407	154	97	6135
1992-93	23	63	175	417	1078	1323	1445	1240	890	612	226	235	7727
1993-94	136	67	219	539	1115	1200	1006	999	734	492	207	90	6804
1994-95	17	5	100	559	1058	1208	1057	790	800	607	394	200	6795
1995-96	25	27	186	556	677	1038	1145	988	784	581	403	87	6497
1996-97	2	30	270	579	832	1061	1158	959	784	673	264	83	6695
1997-98	54	12	148	594	891	1288	979	898	860	609	393	227	6953
1998-99	0	6	118	555	775	1305	1081	940	785	664	431	164	6824
1999-	19	18	240	505	703	1188							

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COOLING DEGREE DAYS (base 65°F) 1999 POCATELLO, ID (PIH)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1970	0	0	0	0	0	91	197	230	4	0	0	0	522
1971	0	0	0	0	0	29	146	212	9	0	0	0	396
1972	0	0	0	0	7	26	150	152	6	0	0	0	341
1973	0	0	0	0	7	94	194	174	14	0	0	0	483
1974	0	0	0	0	1	130	215	102	12	0	0	0	460
1975	0	0	0	0	2	23	290	98	23	4	0	0	440
1976	0	0	0	0	1	46	227	70	28	0	0	0	372
1977	0	0	0	0	1	129	190	164	35	0	0	0	519
1978	0	0	0	0	0	28	177	123	41	0	0	0	369
1979	0	0	0	0	0	64	207	145	63	0	0	0	479
1980	0	0	0	3	0	17	125	70	6	0	0	0	221
1981	0	0	0	0	0	38	168	232	31	0	0	0	469
1982	0	0	0	0	2	48	133	187	16	0	0	0	386
1983	0	0	0	0	4	19	131	199	25	0	0	0	378
1984	0	0	0	0	15	33	168	178	25	0	0	0	419
1985	0	0	0	0	5	65	257	90	3	0	0	0	420
1986	0	0	0	0	17	110	100	185	4	0	0	0	416
1987	0	0	0	0	8	74	134	104	23	0	0	0	343
1988	0	0	0	0	8	181	261	123	25	0	0	0	598
1989	0	0	0	1	4	34	255	109	10	0	0	0	413
1990	0	0	0	0	0	68	194	152	79	0	0	0	493
1991	0	0	0	0	0	12	192	237	32	0	0	0	473
1992	0	0	0	0	15	73	103	212	11	2	0	0	416
1993	0	0	0	0	3	16	24	57	2	1	0	0	103
1994	0	0	0	1	4	78	195	228	27	0	0	0	533
1995	0	0	0	0	0	14	110	137	40	1	0	0	302
1996	0	0	0	0	0	36	194	109	8	0	0	0	347
1997	0	0	0	0	8	19	114	135	46	0	0	0	322
1998	0	0	0	0	0	8	237	192	77	0	0	0	514
1999	0	0	0	0	3	35	128	139	1	0	0	0	306

SNOWFALL (inches) 1999 POCATELLO, ID (PIH)

YEAR	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	TOTAL
1970-71	0.0	0.0	T	0.1	1.4	9.9	13.1	5.9	5.2	0.3	T	T	35.9
1971-72	0.0	0.0	T	12.6	9.6	17.6	10.6	6.9	1.0	0.9	0.0	0.0	59.2
1972-73	0.0	0.0	0.0	0.5	2.7	17.4	12.9	7.0	8.7	4.1	0.0	0.0	53.3
1973-74	0.0	0.0	0.0	2.0	8.7	5.9	8.8	5.9	6.5	12.0	T	T	49.8
1974-75	0.0	0.0	T	2.3	3.7	7.7	7.4	8.8	8.3	11.4	4.9	T	54.5
1975-76	0.0	0.0	0.0	7.6	8.6	3.1	4.5	13.6	7.0	15.5	0.0	T	59.9
1976-77	0.0	0.0	0.0	0.0	0.2	1.5	10.3	0.6	7.6	0.6	1.1	0.0	21.9
1977-78	0.0	0.0	0.0	0.3	2.6	4.2	5.8	7.8	3.6	0.4	0.9	0.0	25.6
1978-79	0.0	0.0	T	0.0	11.5	7.6	14.5	9.7	3.1	3.7	0.3	T	50.4
1979-80	0.0	0.0	0.0	0.8	8.9	2.5	12.7	1.9	7.2	1.5	T	0.0	35.5
1980-81	0.0	0.0	0.0	8.0	2.7	2.4	5.9	2.9	6.3	0.3	1.0	0.2	29.7
1981-82	0.0	0.0	0.0	1.9	2.3	17.9	22.3	5.8	13.6	2.4	0.2	0.0	66.4
1982-83	0.0	0.0	T	0.5	7.3	18.3	6.2	4.9	10.5	5.3	5.5	0.0	58.5
1983-84	0.0	0.0	1.0	0.0	10.7	33.7	6.5	20.1	4.3	9.1	0.2	0.0	85.6
1984-85	0.0	0.0	T	3.7	4.3	5.7	9.3	11.9	16.6	1.3	0.0	0.0	52.8
1985-86	0.0	0.0	T	1.4	27.5	11.5	5.7	6.0	3.7	11.5	1.8	0.0	69.1
1986-87	0.0	0.0	T	0.0	8.6	1.7	13.1	4.5	2.7	2.1	0.0	0.0	32.7
1987-88	0.0	0.0	0.0	0.0	1.6	8.4	8.9	1.1	3.3	1.5	2.6	0.0	27.4
1988-89	0.0	0.0	0.0	0.0	7.7	17.0	6.2	12.0	5.9	0.3	0.5	0.0	49.6
1989-90	0.0	0.0	0.0	8.2	2.5	1.2	3.5	3.1	14.7	T	1.6	0.0	34.8
1990-91	0.0	T	0.0	0.1	3.8	15.9	8.0	1.5	8.3	9.8	1.8	0.0	49.2
1991-92	0.0	0.0	0.0	2.5	9.1	1.9	3.1	0.9	0.6	0.4	0.0	0.0	18.5
1992-93	0.0	0.0	0.0	0.1	15.2	19.9	29.6	21.3	1.5	5.5	0.2	T	93.3
1993-94	0.0	T	0.0	0.0	6.2	6.3	3.8	11.6	0.7	1.0	T	T	29.6
1994-95	0.0	0.0	0.0	T	4.4	10.1	6.2	4.4	3.0	1.8	T	0.4	30.3
1995-96	T	T	T	1.2	4.3	5.8	8.7	4.4	4.6	0.7	T	0.0	29.7
1996-97	T	0.0	0.0	3.9	1.4	19.9	10.4	1.2	6.0	0.3	T	0.0	43.1
1997-98	0.0	T	0.0	11.2	0.5	5.4	4.5	10.2	5.8	T	T	T	37.6
1998-99	0.0	0.0	0.0	T	2.7	7.5	9.6	3.2	1.3	3.3	4.4	0.0	32.0
1999-	T	T	0.0	T	T	3.4							
POR= 49 YRS	T	T	0.1	2.0	5.0	8.7	9.6	6.1	5.5	4.0	0.7	0.0	41.7

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REFERENCE NOTES:

<p>PAGE 1: THE TEMPERATURE GRAPH SHOWS NORMAL MAXIMUM AND NORMAL MINIMUM DAILY TEMPERATURES (SOLID CURVES) AND THE ACTUAL DAILY HIGH AND LOW TEMPERATURES (VERTICAL BARS).</p> <p>PAGE 2 AND 3: H/C INDICATES HEATING AND COOLING DEGREE DAYS. RH INDICATES RELATIVE HUMIDITY W/O INDICATES WEATHER AND OBSTRUCTIONS S INDICATES SUNSHINE. PR INDICATES PRESSURE. CLOUDINESS ON PAGE 3 IS THE SUM OF THE CEILOMETER AND SATELLITE DATA NOT TO EXCEED EIGHT EIGHTHS(OKTAS).</p> <p>GENERAL: T INDICATES TRACE PRECIPITATION, AN AMOUNT GREATER THAN ZERO BUT LESS THAN THE LOWEST REPORTABLE VALUE. + INDICATES THE VALUE ALSO OCCURS ON EARLIER DATES. BLANK ENTRIES DENOTE MISSING OR UNREPORTED DATA. NORMALS ARE 30-YEAR AVERAGES (1961 - 1990). ASOS INDICATES AUTOMATED SURFACE OBSERVING SYSTEM. PM INDICATES THE LAST DAY OF THE PREVIOUS MONTH. POR (PERIOD OF RECORD) BEGINS WITH THE JANUARY DATA MONTH AND IS THE NUMBER OF YEARS USED TO COMPUTE THE MEAN. INDIVIDUAL MONTHS WITHIN THE POR MAY BE MISSING. WHEN THE POR FOR A NORMAL IS LESS THAN 30 YEARS, THE NORMAL IS PROVISIONAL AND IS BASED ON THE NUMBER OF YEARS INDICATED. 0.* OR * INDICATES THE VALUE OR MEAN-DAYS-WITH IS BETWEEN 0.00 AND 0.05. CLOUDINESS FOR ASOS STATIONS DIFFERS FROM THE NON-ASOS OBSERVATION TAKEN BY A HUMAN OBSERVER. ASOS STATION CLOUDINESS IS BASED ON TIME-AVERAGED CEILOMETER DATA FOR CLOUDS AT OR BELOW 12,000 FEET AND ON SATELLITE DATA FOR CLOUDS ABOVE 12,000 FEET. THE NUMBER OF DAYS WITH CLEAR, PARTLY CLOUDY, AND CLOUDY CONDITIONS FOR ASOS STATIONS IS THE SUM OF THE CEILOMETER AND SATELLITE DATA FOR THE SUNRISE TO SUNSET PERIOD.</p>	<p>GENERAL CONTINUED: CLEAR INDICATES 0 - 2 OKTAS, PARTLY CLOUDY INDICATES 3 - 6 OKTAS, AND CLOUDY INDICATES 7 OR 8 OKTAS. WHEN AT LEAST ONE OF THE ELEMENTS (CEILOMETER OR SATELLITE) IS MISSING, THE DAILY CLOUDINESS IS 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.</p> <p>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.</p>
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1999 POCATELLO, IDAHO (PIH)

Pocatello is located in the Snake River Valley at the mouth of Portneuf Canyon at an elevation of about 4,500 feet above sea level. A desert composed of sand, lava rock, and craters, extends to the west, while to the east the ground level rises steadily towards the crests of the Continental Divide. Agriculture, which is practiced extensively in the Snake River Valley, depends upon irrigation for all crops because rainfall during the growing season is insufficient.

Except in autumn, which is the season of the finest weather in Pocatello, the main feature of the climate is its variety. In winter there are frequent periods of persistent southwest wind, with a resulting mildness that matches the winters of the north Pacific Coast. There are also periods of several days when the temperature stays below freezing and approaches or falls below zero.

During cold periods, precipitation falling as snow occasionally accumulates to a depth of a foot or more. Cloudy and unsettled weather prevails throughout the winter, with measurable amounts of precipitation on about one-third of the days.

In the spring there is a gradual warming. Normally, spring months are the wettest and windiest. Winds of 20 to 30 mph for days at a time are common.

The summer season begins with a relatively sudden break in the disagreeable spring weather. Home heating, usually discontinued about the first of June, is sometimes needed intermittently until the

first part of July. Suitable weather for outside evening activities is very uncertain during June, even though the afternoons may be mild. As night falls, the temperature often drops rapidly into the 40s, accompanied by a chilling wind from snows remaining on the nearby mountains. During the summer, precipitation usually falls as local showers, often accompanied by light to moderate thunderstorms and occasionally by hail. Damage by excessive precipitation, lightning, high winds, or hail is uncommon and quite localized. Long periods of extremely hot weather in July and August are also uncommon. Although afternoon temperatures may run into the 90s, nights are usually cool.

Exceptionally fine weather predominates during the autumn season. The sudden summer showers are gradually replaced by short periods of cloudy and unsettled weather with more general rains. Continuous home heating is not needed until mid-October. Evenings during September are ideal for outdoor activities, and pleasant afternoons are the rule until toward the end of November. The first cold wave may appear during late November but usually not until late December.

Based on the 1951-1980 period, the average first occurrence of 32 degrees Fahrenheit in the fall is September 20 and the average last occurrence in the spring is May 20.

STATION LOCATION

POCATELLO, IDAHO

LOCATION	OCCUPIED FROM	OCCUPIED TO	AIRLINE DISTANCES AND DIRECTIONS FROM PREVIOUS LOCATION	LATITUDE NORTH	LONGITUDE WEST	ELEVATION ABOVE											* Type	REMARKS
						SEA LEVEL	GROUND											
							WIND	1	2	3	4	5	6	7	8	9		
<u>CITY</u>																		
Phoenix Block E. Center & Railroad St	7/01/99	6/30/01		42°52'	112°29'	4463	57	48										
Cook Block 343 West Center Street	6/30/01	4/01/16	2500 ft. W	42°52'	112°29'	4463	55	46										
Federal Post Office Lewis & Arthur Streets	4/01/16	2/28/49	1200 ft. S	42°52'	112°29'	4468	69	60										Temperature and precipitation only from 9/1/38.
<u>AIRPORT</u>																		
Pocatello Municipal Airport, McDougal Field	9/01/38	5/17/49		42°55'	112°32'	4462	33	5	5		4	4		9				
Pocatello Municipal Airport, Phillips Field	5/17/49	12/18/51	2.5 mi. W	42°55'	112°36'	4444	34	6	6		3	3		3				
Pocatello Airport	12/18/51	7/06/72	No Change	42°55'	112°36'	e4454	a68 b34 c20	6	6		3	4		d5				Name of Airport changed from Phillips Field 5/8/56. a - Direct reading. b - Recording. c - Effective 8/6/60 for direct reading and recording on site 2475 feet to NNW. d - Commissioned 2475 feet NNW of thermometer site 9/15/63. e - 4444 feet to 9/15/63.
Terminal Building Municipal Airport	7/06/72	03/01/96	300 ft. SW	42°55'	112°36'	4454	f20	@20	@20	22	@17	@17	NA g17	f5 h5	NA			f - Same site as prior to 7/6/72. @ - Corrected heights. Data previously published was incorrect. g - Installed 6/30/80. h - Type change 8/8/85.
Municipal Airport	03/01/96	Present	NA	42°55'	112°34'	4460								S				ASOS Commissioned 03/01/96

SUBSCRIPTION: Price and ordering information available through: National Climatic Data Center, Federal Building, Asheville, North Carolina 28801. INQUIRIES/COMMENTS CALL: (828) 271-4800

National Climatic Data Center
151 Patton Avenue, Rm 120
Asheville NC 28801-5001

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE \$300
FORWARD AND ADDRESS CORRECTION

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