U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU. CHARLES F. MARVIN, Chief

ANNUAL METEOROLOGICAL SUMMARY

1923

WITH COMPARATIVE DATA

FOR

POCATELLO, IDAHO

BY

ARTHUR R. TEEPLE, Observer

PRINTED AT
U. S. WEATHER BUREAU OFFICE
SALT LAKE CITY, UTAH

Station Barometric Pressure; Corrected Mean.

Base Figure, 25.... Inches. Station Elevation 4477 Feet Above Sea Level.

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Year.	. }	1	ا ہے		اند	أنه	: }	أشد	أند	. 1		ا ۽ ز	Ana'l.
	真	. je	E L	Apr.	Hay hay	Jame,	July	Aug.	Sept.	ğ	10)(ž	=
	<u> </u>	<u> </u>		- 1	} F=-	4	<u> </u>	~ <u>~</u>]	<u> </u>		<u> </u>		
	[1)	i	! j		`	4		1	أمأ	_
1899	اخخت]	****	أشفدت	1356	أغدنت	الممدديا	.518	440]	. 582	.490	.535	612	
1900	596	462	.453	.328	. 426	.409	.428	416]	.439	486	564	.637	-470
1991	.511	.476	.454	416	.878	.394	. 406	.512	.413	.567	.584	.576)	.474
1902 1903	.569 .522	.431 .536	.376 .406	.396 .396	.361	.399 .468	467	.480 .447	.493 .485	.519 .602	.450 .543	.516 .668	.455 .495
1904	565	.390	.340	. 450	.407	.483	.467 .465	.537	.523	.557	615	.543	.490
1905	579	.467	.4111	375	.351	387	496	.511	477	.560	505	628	479
1906	.563	.518	. 436	478	.377	.451	.538	.485	.523	.571	.529	.527	.500
1907	417	.556	380	.438	.395	429	.187	487	.503	.553	.627	.505	.481
1908	579	497	494	462	313	437	.551	.515	.555	.505	.585	.557	507
1909	.381	.398	394	.426	.391	454	.468	.492	.545	.543	.491	.506	457
1910	539	501	.5/26	.494	.497	.407	.467	.500	.491	567	507	.582	.507
1911.	.461	.479	.540	.413	.385	.461	.527	.470	.468	541	.566	.494	.484
1911 1912 1913	.517	.528[338	.370	.435	472	. 485	.470]	.517	. 493	.601	. 576	.484
1913	489	444	.450	.438	.419	.403	.527	.636	. 529	.537	495	.567	.486
1914	.426	. 532	.546	.432	.452	.449	. 525	.487	.491	.499	.603	.496	.495
1915.	.461	408	480	.375	.351	.454)	.449	501	423	.561	.505	.487	.455
1916	.306)	.559	.468	.448	. 373	.431	.463	455	.476	.501]	607	.382	.458
1917	.521	. 500)	486]	.390	.361	.509	.485)	. 528	.519	. 583[. 637	.534	504
1918	4.11	.454	.454	396	.861	477	483	493	525	.541	.491	. 536	.471
1919	.615	.338	.416	.428	.375	.427	.463	.509	147	471	507	. 584	.465
1920	,610	.540	.318	.306	.407	.434	.521	. 506	.457	153	.577]	. 434]	-464
1921	.498	.532	.420	. 393	.351	.431	.503	.508	468	510	. 510]	. 544	.475
1922	-523	.424	. 438	.418	-449	.459	.519	.501	.519	.483	. 553)	474	.480
1923.	.471	.591	.484	.364	. 377	.384	.479	. 496	.491.	.519	. 588	.516	.482
M'ns.	.507	.482	.438	.430	.892	.438	.487	. 493	.494	.530	.510	.540	.480
	· 1		1		!		1						·

Monthly and Seasonal Snowfall.

Year,	Sept.	()ct:	Nov.	Dec.	Jan.	Feb.	Mar.	April.	May.	June.	Sea. son#l.
1999-00 1900-01 1901-02 1902-03 1903-04 1903-04 1903-06 1906-07 1907-08 1908-09 1909-10 1911-12 1911-12 1912-13 1913-14 1914-15 1915-16 1916-17 19117-18 1918-19 1919-20 1920-21 1922-23 1922-23 M'h	00001.C. 0000 Pr. 000	4.5.00 T.83.90 0.2.10 0.2.5 1.5 1.5	7.30 6.77 11.77 1.92 1.44 1.44 1.58 1.38 1.38 1.34 1.34 1.34 1.34	11,55 4.64 88.77 164.1 88.77 11,25 88 11,25 88 11,25 88 11,25 88 11,25 88 11,25 88 11,25 88 11,25 88 1	0.67 8.62 12.40 12.40 14.81 11.52 10.08 11.52 10.08 12.13 12.13 12.13 12.55 12.55	8.532317991409058661185808446586611994	1.27 9 9 8 1 1 1 1 2 2 6 1 6 2 6 5 5 1 0	8 92 4 4 1 1 0 4 1 1 2 1 5 1 4 1 0 0 4 1 7 4 1 0 0 1 6 8 0 2 1 0 1 5 2 5 7 5 0 0 1 5 2 2 5 7 5 5 1 2 2 7 5 5 1 5 1 5 1 5 1 5 1 5 1 5 1 5 1 5 1	0088804 12.800 12.000 0.500 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.	00000000000000000000000000000000000000	36.0 33.7 32.5 58.8 400.2 44.5 41.1 85.9 47.7 28.0 18.3 80.4 80.4 80.4 80.4 80.4 80.4 80.4 80.4

Greatest in bold-faced type.

July, 1921, T.

ANNUAL METEOROLOGICAL SUMMARY, POCATELLO, IDAHO, 1923.

			EMPI egrees			it,			ity,		P		ITATI ches.	N		o to ro.			WIND	,		,			NU	MBE	R 0	F Da	AYS.			
		Mean,			Extr	eme.	,		humidity t.			Ę.		<u>_</u>	ne.	scale	relocity.]	K	aximu	m.	hour		Sky.		nch			more.	Tem	perature	
Months.	Maximum.	Minimum.	Monthly.	Maximum.	Date.	Minimum.	Date.		Noon. Relative Per cent	6 p. m.	Total.	Maximum in 24 hours	Date.	Total snowfall.	Percentage of sunshine	Average cloudiness,	Average hourly velo	Prevailing direction	Velocity.	Direction.	Date.	Winds, 40 miles per or over.	Clear.	Partly cloudy.		Precipitation, o.or in or more.	Thunderstorms.	Fog, dense.	Snow, o.z inch or mo	1	32 or below.	or seems.
January February March April May June July August September October November December	37.7 32.0 42.7 55.2 67.2 72.9 87.5 84.6 76.0 55.3 50.8 33.5	25.3 13.4 23.3 34.9 43.5 46.1 59.5 54.6 49.3 34.8 29.2 17.8	31.5 22.7 33.0 45.0 55.4 59.5 73.5 69.6 62.6 45.0 40.0 25.6	53 44 63 69 83 91 97 94 90 70 60 47	10 -21 -30 -17 -24 -30 -21 -12 -8 -1 -10 -7	1 -8 4 26 63 36 51 47 35 20 18	31 1 4 20 1 14 4 7 27 29 27 31	70 81 73 74 67 72 60 63 84 80 82	64 67 54 51 38 46 32 33 65 60 70	66 66 55 45 36 29 22 28 64 74	1.14 0.44 1.33 2.57 1.82 1.68 0.95 0.60 0.86 3.08 0.38 1.15	0.71 0.33 0.71	17 12 16-17 5-6 31 21-22 23-24 13-14 26-27 22-23 11 28-29	8.3 6.1 10.0 5.0 0 0 0 0 1.5 0.4 3.7	38 72 60 52 63 67 76 78 74 51 61 38	7.6 4.3 5.2 6.6 6.0 5.4 4.4 4.5 5.9 4.6 6.5	11.9 8.7 10.9 8.5 8.3 7.1 7.0 6.8 8.6 6.9 7.1 9.6	Se. Se.	40 36 40 36 36 36 40 40 40 38 36 28	SW. S. SW. S. S. S. SW. SW. SW. SW.	6 11 16 19 31 12 24 19 24 17 24 17	2 0 1 0 0 0 1 1 1 0 0	4 12 10 6 9 8 15 15 15 9 13 7	7 11 10 10 8 13 9 12 6 9 9	20 5 11 14 14 9 6 6 9 13 8 15	12 6 11 16 10 10 6 6 3 11 4	00014578891133000	100000000000000000000000000000000000000	9 6 10 7 0 0 0 0 1 2 4	13 0 0 0 0 0 1 0 0 0	0 28 0 26 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0400000000000
Annual	58.0	36.0	47.0	97	July 21	-8	Feb.	72	51	49	15.45	1.08	April 5-6	35.2	61	5.4	8.4	sę.	40	8W.	Mar. 16	6	123	113	129	102	38	2	39	44 1	6 149	4

NORMAL AND COMPARATIVE DATA FOR POCATELLO, IDAHO.

Averages of All Records.

			TEM	PERAT	URE.		-		elati		PR	ECIPI	TATIO	N.	SUNS	HIN	E.	I.M	ND.				N	UMI	BER	OF	DAY	8.		-	
							ity.		ımid r (el			hiy.			ırs	cent.		>		per				tion	h or	š		Ma ten		M ten	-
MONTH,	Maximum.	Minimum.	Mean.	Highest mean.	Lowest mean.	Daily range.	Daily variability	6 a. m.	Noon.	6 p. m.	Monthly.	Greatest monthly	Least monthly	Snowfall.	Number of hours of possible.	5	Cloudiness scale 0 to 10.	Average hourly velocity.	Prevailing direction.	Wind 40 miles hour or over.	Clear,	Partly cloudy.	_	##	Snow (0.01 inch or more melted).	1 3	Dense fog.	32° or below.	90° or above.	32° or below.	Zero or below.
Years of record.	24	24	24	24	24	24	24	24	8	24	24	24	24	24	24	24	24	24	24	24	21	24	24	24	24	24	24	24	24	24	21
January February March April May June July August September October November	37.2 46.3 56.4 65.6 76.4 86.0 84.2 73.7 60.6 47.7 35.2	18.5 20.7 29.0 34.9 41.8 49.3 56.2 54.8 46.2 36.7 28.4 19.5	26.4 29.0 37.6 45.7 53.7 62.8 71.1 69.5 60.0 48.7 38.0 27.4	33.2 39.2 45.8 52.4 59.0 71.0 75.0 73.3 64.0 53.8 42.4 40.0	17.3 26.6 40.4 48.9 57.4 67.0 64.2 52.4 41.8 31.5 19.3	15.9 16.5 17.3 21.5 23.8 27.1 29.8 29.4 27.5 23.9 19.3 15.7	5.2 4.4 4.2 4.5 4.4 3.2 3.2 4.3 4.2 4.1 4.8	79 80 75 80 68 61 55 58 68 73 79	70 79 57 46 44 35 31 38 54 69 79	73 70 55 43 38 31 25 25 30 36 59 61	1.36 1.26 1.49 1.54 1.70 1.12 0.67 0.84 1.25 0.85 1.10	4.28 2.86 4.34 3.31 3.96 3.23 2.23 3.07 2.64 3.25 2.80 2.59	0.14 0.18 0.36 0.35 T. 0.01 T. 0.02 0.20	9.3 9.4 7.6 4.8 0.9 T. 0.9 1.4 2.9 8.6	292.5 295.2 307.5 402.5 454.7 459.4 464.9 430.7 374.8 341.9 292.1 280.8	44 51 56 60 64 75 79 75 70 55 44	6.7 6.1 5.8 5.6 5.2 4.0 3.8 3.3 3.6 4.4 5.5 6.4	9.7 9.5 9.9 9.2 8.8 8.2 8.3 8.3 9.5	se. se. se. se. se. se. se. se. se.		6 7 8 8 10 14 16 15 13 10 6	9 9 11 12 13 12 12 12 10 11 9	16 12 12 10 8 4 3 3 5 7 11 15	11 10 10 7 5 6 5 7 7 6 6 6 6 6 6 6 6 6 6 6 6 6 6	98741* 000* 248	* * * 2 1 5 6 6 3 1 * *	1 * * 0 0 0 0 0 0 * * 1 1	0 0 0 * 2 10 6 * 0 0 0	12 8 2 * 0 0 0 0 0 11	27 24 21 10 2* 0* 1.8 20 27	2 1 * 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
Annual	58.7	36.3	47.5	49.8	45.7	22.4	4.2	68	49	47	13.94	22.43	7.56	44.7	4460.0	63	5.0	8,8	8e.	5	129	130	106	95	43	27	3	18	35	140	4

^{*} Less than one.

Monthly and Annual Mean Temperature (F).

Year.	Jan.	Feb.	Mar.	Apr.	May.	Јине.	July	Aug.	Sept.	Oct.	Nov.	Dec.	Ann'l.
1899 1900 1901 1903 1904 1905 1906 1906 1908 1908 1911 1913 1914 1915 1916 1917 1918 1918 1918 1918 1918 1918 1918	32 0 2 5 2 5 2 5 2 5 2 5 2 5 2 5 2 5 2 5	9 8 1 0 4 2 0 2 2 2 3 6 1 8 6 9 5 7 9 8 8 7 0 2 2 2 3 5 0 1 8 6 9 5 7 9 8 8 7 0 2 2 3 5 2 4 8 9 3 0 3 2 2 9 3 5 2 4 8 9 3 0 3 2 2 9 5 2 4 8 9 3 2 2 9 5 2 4 8 9 3 2 2 9 5 2 4 8 9 3 2 2 9 5 2 4 8 9 3 2 2 9 5 2 4 8 9 3 2 2 9 5 2 4 8 9 3 2 2 9 5 2 4 8 9 3 2 2 9 5 2 4 8 9 3 2 2 9 5 2 4 8 9 3 2 2 9 5 2 4 8 9 3 2 2 9 5 2 4 8 9 3 2 2 9 5 2 4 8 9 3 2 2 9 5 2 4 8 9 3 2 2 9 5 2 4 8 9 3 2 2 9 5 2 4 8 9 2 2 2 9 5 2 4 8 9 2 2 2 9 5 2 4 8 9 2 2 2 9 2 2 2 2 2 2 2 2 2 2 2 2 2 2	.5868970048844044663866406 486476189875944663866406 48688515941664861487	50.79.52 50.	55.28 55.88 55.88 58.29 56.02 56.02 56.04 56.46 57.64 57.57 57.57	69.9 60.0 65.2 65.2 65.2 65.5 65.5 65.4 64.4 66.4 66.4 66.4 66.6 66.4 66.6 66.4 66.6 6	71 4 69 8 76 4 68 9 72 6 68 9 72 6 69 2 69 8 67 4 67 1 67 1 66 7 71 6 71 4 71 4 75 0 73 0 73 5 71 1	64.2 67.7 73.0 671.1 70.8 69.4 71.8 667.8 671.8 669.8 671.8 69.9 71.8 69.9 71.8 69.9 71.8 69.9 71.8 69.9 71.8 69.9	62.3 58.8 57.3 56.9 62.2 62.0 560.8 59.4 59.4 59.4 59.4 59.4 60.0 61.5 60.0 62.6 60.0	44.9 48.2 52.9 50.4 50.6 45.6 49.7 51.8 49.7 51.8 50.4	38.1.20 38.1.20 38.20	24.2 29.8 29.8 29.8 28.8 28.2 28.3 26.9 19.3 26.7 19.5 40.7 21.6 23.7 21.6 23.7 25.6 27.4	49.24 49.44 49.44 49.52 47.44 41.95 49.52 40.77 40.61 49.84

Highest and lowest temperatures in bold-faced type.

Monthly and Annual Precipitation (inches).

Year.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct:	Nov.	Dec.	Ann'l.
1999 1900 1901 1902 1903 1904 1906 1907 1909 1910 1911 1912 1914 1914 1915 1916 1917 1919 1920 1921 1922 1923 1923 1923	0.44 0.53 0.86 1.77 0.87 0.37 0.37 2.30 1.24 0.63 1.46 4.49 0.74 0.58 0.79 1.91 0.95 1.14 0.95 1.136	1.26 0.078 20.78 20.78 20.78 20.78 20.59 20.78 20.59 20.78 20.94 20.94 20.94 20.94 20.94 20.94 20.94	0.41 0.93 0.82 0.82 0.82 0.87 4.84 0.51 1.13 1.28 2.39 1.99 1.99 1.99 1.99 1.99 1.49	3.31 0.52 2.44 1.54 0.98	0.68 1.67 2.18 0.41 1.12 1.96 2.78 44 1.59 1.59 1.59 1.59 1.33 1.03 0.635 1.36 1.36 1.36 1.36 1.36 1.36 1.36 1.36	0 10 0 16 0 60 0 82 0 45 1 16 1 89 2 80 0 08 1 99 1 96 8 13 0 57 0 52 0 58 0 58 0 58 0 58 0 58 0 58 0 16 0 16 0 16 0 16 0 17 0 18 0 18 0 18 0 18 0 18 0 18 0 18 0 18	0.15 0.01 0.34 0.341 0.45 0.85 0.36 0.29 0.36 0.28 1.63 2.28 0.76 0.78 0.78 0.76 0.76 0.76 0.76 0.76 0.76 0.76 0.76	0.29 0.329 0.17 0.566 0.35 1.658 1.087 0.11 0.366 0.25 0.25 0.41 2.53 0.25 0.444 2.53 0.25 0.25 0.25 0.25 0.25 0.25	T. 08111 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2.65 1.018 0.14 0.83 0.83 0.23 0.23 0.24 0.84 2.03 1.17 1.74 3.25 0.90 2.01 0.11	0.78 0.78 0.72 1.11 1.08 0.78 0.78 0.23 1.302 0.55 1.302 0.55 1.302 0.55 1.37 1.37 1.37 1.37 1.37 1.37 1.37 1.37	1.32 0.62 0.61 1.36 0.47 2.53 0.89 0.47 2.53 0.89 0.22 0.55 0.22 1.26 1.26 1.26 1.26 1.26 1.26 1.26 1	9.35 7.44 10.73 10.17 12.43 10.17 17.43 15.07 18.46 15.17 18.35 13.44 11.95 11.95 11.95 11.55 14.91 11.55 13.45 11.55 11

Greatest and least precipitation in bold-faced type.

KILLING FROST DATES.

Latest in Spring of 1923, April 25. Earliest in Autumn of 1923, October 12. Length of growing season for 1923, 170 days.

Average date last killing frost in Spring. May 1. Average date of first killing frost in Autumn, October 6.

Average length of growing season, 162 days. Latest on record in Spring, June 1, 1920.

Earliest on record in Autumn, September 12, 1914.

Year.	Jan.	Feb.	Mar.	Apr.	May'.	June.	July.	yng.	Sept.	Oct.	Nov.	Dec.	Ann'l.
1899 1900 1901 1902 1903 1904 1906 1906 1908 1908 1908 1919 1911 1913 1914 1915 1916 1919 1919 1919 1920 1921 1923	262233457696946697617 3664336822467696946697617 43664358622265982054755647	37.1 38.1, 42.2 40.7 36.6 37.3 48.7 38.3 38.3 38.3 38.1 41.1 32.8 34.1 41.1 32.8 34.1 35.9 36.9 37.3	196844150096659005184987 5545145150096659005184987 8675188992148987 86855585688092	53.0 59.7 58.6 59.6 49.1 59.4 49.8 51.0 49.4 55.2	69 72 13 5 89 86 67 66 89 9 4 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	75 0 769 4 8 697 75 5 777 74 77 77 77 77 77 77 77 77 77 77 77	98140 98140	7.00007107070505000000000000000000000000	921940018286097777067242900 7 7777777777777777777777777777777777	50000000000000000000000000000000000000	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	28 57 0 7 6 0 4 4 0 5 6 5 6 2 1 8 2 1 1 0 5 5 7 9 5 2 1 8 8 5 7 6 5 1 4 2 7 4 7 1 5 1 8 8 2 1 8 5 1 8	55.3 61.26 561.4 561.4 559.8 577.6 59.4 597.4 571.4 571.4

Temperature Extremes.

(Since July, 1899.)

						
. Month.	Махішип.	Year.	Date.	Minimum.	Year.	Date.
January February March April May June July August September October November December	57 56 70 84 99 102 99 92 89 59	1918 1921 1910 1910 1919 1918 1901 1919 1904 1917 1921	3 14 21 26 12 30 24 8 10 2	-20 -20 -12 11 21 29 36 28 21 13 - 3 -16	1922 1905 1906 1921 1926 1920 1921 1910 1900 1917 1919	19 12 17 7 12 1 3 25 27 29 28 31

Extremes of Wind and Precipitation.

(Since July 1, 1899.)

'	Pre	cipitat	iion.	1	Wi	nd.	
Month.	24-hour maximum.	Year.	Dafe.	Maximum relocity.	Direction,	Year.	Date.
January February March April May June July August September October November December	1.46 1.07 1.61 1.25 1.64 1.00 0.77 1.29 1.59 0.95 0.80	1911 1909 1907 1906 1913 1912 1912 1916 1928 1920 1907	21-25 5-6 22-23 18-19 8 31-12 25-26 22-23 26-27 25-26	50 44 50 44 53 48 52 48 52 48	s. w. sw. sw. sw. sw. sw. sw.	1921 19003 1907 1911* 1904 1901§ 1899 1921 1908 1919 1899 1919	18 11 30 18 6 18 29 12 7 8 29

^{*} also on April 3, 1909. § also on June 9, 1917.

[†] September; also on August 2, 1920, † also south, February 9, 1922.