

Actual Facts Regarding Rainfall in the Willamette Valley

Save the Following Table to Show Your Doubting Friends that the Annual Rainfall of the Willamette Valley Averages Less Than 40 Inches per Year Over a Period of 40 Years.

Physical Features.

The western half of Oregon, known in this system of grouping as section 17, is an oblong shaped area of about 45,000 square miles, lying between 42 and 46 degrees north latitude and 121 and 124 degrees west longitude. Two ranges of mountains traverse the section--the Coast Range, having an average elevation of about 2000 feet, with occasional peaks of 3500 feet or more in height, and the other, the Cascade Range, having an average elevation of a little over 5000 feet, with many peaks rising much higher, the highest being Mount Hood whose elevation is 11,225 feet.

The Coast range follows closely the coast line, which is made up of long sandy beaches that are frequently interrupted by prominent rocky headlands. The Cascade range parallels the Coast range nearly a hundred miles further inland, and the southern portion of both ranges forms a complex group of mountains that join each other and geologically partake of the formation of the Coast range more than they do of the Cascade range. To the north, between the Coast and the Cascade ranges of mountains, is the Willamette valley, having an area of 11,300 square miles or 7,168,000 acres.

In the Willamette valley and northern coast counties the soil consists of alluvial deposits and humus, varying in depth from a few inches to many feet. Not over twenty per cent of the area is divided into farms, and a large proportion of the territory is covered with virgin forests of fir, spruce, hemlock and pine. The valley soils are very fertile.

The first district is the strip along the coast represented in the tables by the records from Doraville, Astoria, Glenora, Newport, Gardner and Port

Orford. The temperature over a large portion of this strip has never been known to reach the 100 degree mark.

The Willamette Valley.
The temperature extremes are slightly greater and the rainfall is less in the lowlands of the Willamette valley than in the coast counties, but otherwise the climate of the two districts is much the same. The mean temperature of the lower portion of the valley is 53 degrees. Between these extremes there are found, according to elevation, all the intermediate mean temperatures. The highest temperature ever recorded in the bottom and level portion of the valley is 102 degrees.

On two or three occasions in the last thirty-five years the thermometer has sunk to zero or a trifle lower in the valley.

In the bottom of the valley the annual rainfall amounts are 42 inches at Portland and 40 inches at Salem.

MONTHLY AND ANNUAL PRECIPITATION, WILLAMETTE VALLEY.
Salem, Marion County--Elevation, 120 feet.

Year	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
1870	4.35	5.63	5.77	5.52	1.96	2.26	0.02	0.08	0.71	0.90	5.05	4.38	36.63
1871	7.12	4.32	7.61	2.24	4.95	0.07	0.32	0.04	1.00	0.68	4.87	7.32	40.94
1872	5.11	13.24	3.87	1.08	1.12	1.16	0.12	0.16	0.79	1.89	3.59	5.97	37.90
1873	6.41	4.45	8.14	3.47	1.30	1.27	0.55	0.03	1.50	2.27	4.45	4.50	38.34
1874	8.29	6.25	2.66	3.09	1.23	0.92	0.18	0.05	1.57	0.30	6.03	3.32	33.89
1875	2.53	0.93	8.40	1.23	2.27	1.40	0.02	0.38	0.13	6.70	9.38	9.32	42.69
1876	4.14	6.77	5.77	5.37	0.94	1.34	0.69	0.27	1.27	8.01	6.95	0.84	42.37
1877	3.28	5.30	10.66	1.60	0.73	2.41	0.92	0.32	3.63	2.47	13.01	6.21	59.14
1878	6.38	10.22	6.59	1.14	0.87	0.17	0.55	0.19	3.50	3.30	5.25	2.61	49.77
1879	3.72	10.29	10.66	2.56	5.94	0.47	0.92	1.79	1.54	1.76	4.00	6.63	50.23
1880	7.92	4.26	3.61	2.21	1.96	1.17	0.25	1.39	0.74	1.28	1.61	11.50	37.90
1881	7.79	10.82	3.29	2.59	1.01	1.75	1.37	1.24	1.83	5.92	3.16	3.40	44.17
1882	5.65	9.08	2.72	2.57	1.51	0.91	0.60	0.03	0.52	7.61	3.59	9.76	44.53
1883	7.37	1.81	3.94	6.51	1.62	0.05	0.00	0.00	0.78	3.11	5.29	5.63	36.11
1884	3.46	5.54	2.49	3.05	0.42	1.67	2.29	0.17	6.59	2.80	2.83	6.09	37.44
1885	4.16	7.06	0.55	1.39	3.23	1.40	1.14	0.00	2.67	1.42	7.36	7.41	36.79
1886	9.46	1.94	3.67	2.74	1.56	0.58	0.24	0.00	1.08	3.12	1.45	9.08	34.92
1887	9.86	4.39	6.41	3.01	3.37	0.89	0.00	0.00	1.87	0.88	3.10	9.29	43.07
1888	11.68	2.08	3.21	0.89	1.90	5.06	0.73	0.00	0.54	2.72	4.30	2.59	34.80
1889	3.08	0.30	2.84	3.53	2.77	0.45	0.00	1.39	1.80	5.10	3.23	5.23	28.57
1890	7.53	9.48	4.26	1.00	0.26	1.18	0.05	0.01	0.00	2.39	1.42	4.33	31.92
1891	4.99	7.09	2.13	3.71	2.29	2.19	0.19	0.54	2.51	5.19	6.93	11.83	49.60
1892	4.20	1.85	3.30	4.78	1.24	1.20	0.39	0.17	1.81	2.27	5.48	6.08	32.77
1893	1.90	5.43	4.16	7.50	4.20	1.24	0.00	0.10	3.55	7.49	9.33	4.18	49.08
1894	11.09	4.32	10.13	3.68	2.24	3.50	0.19	0.00	2.27	4.39	2.19	4.62	48.62
1895	13.72	1.89	4.56	2.94	6.23	0.50	0.61	0.23	2.18	0.00	3.71	11.16	47.13
1896	6.35	3.31	2.69	6.12	5.54	0.99	0.00	1.00	0.66	2.97	16.99	8.31	54.93
1897	2.79	5.73	6.11	3.47	1.78	1.77	0.64	0.28	2.45	2.08	11.67	7.76	46.53
1898	3.43	5.64	2.15	2.44	1.75	1.61	0.40	0.06	1.13	4.45	6.82	4.31	34.19
1899	5.76	6.35	4.13	3.72	3.90	0.25	0.09	2.91	1.35	3.95	9.22	6.58	48.12
1900	4.15	2.98	4.25	2.60	3.90	2.20	0.82	0.00	3.50	4.70	2.76	6.86	37.52
1901	7.13	5.13	4.04	2.81	1.79	1.45	0.00	0.30	3.25	1.25	4.61	5.32	36.45
1902	1.48	8.10	6.00	3.71	3.59	0.90	1.31	0.06	0.42	1.07	7.98	7.49	42.61
1903	4.56	0.88	2.73	1.20	1.09	1.30	0.40	0.29	0.23	1.65	8.25	1.95	24.56
1904	3.78	9.47	0.94	1.63	0.42	0.32	0.80	0.14	0.42	2.82	6.53	6.65	42.08
1905	4.71	2.08	4.64	0.86	1.57	0.59	0.05	0.03	2.86	4.26	2.26	4.58	28.49
1906	5.42	5.78	1.94	1.53	1.85	2.50	T.	T.	1.92	2.38	5.99	4.65	34.01
1907	8.01	4.34	2.88	1.69	0.92	1.55	0.67	1.07	1.84	0.86	4.35	8.92	37.10
1908	3.71	2.66	2.63	1.99	2.48	1.06	0.02	0.52	0.30	4.88	3.61	2.90	26.76
Means	5.81	5.31	4.73	2.84	2.23	1.32	0.41	0.40	1.68	3.10	5.61	6.16	39.60

*Record from 1870 to January, 1892, inclusive, is for Eola. †Interpolated.

COTTAGE UNDERTAKING PARLORS

In performing the last sad rites over the remains of departed relatives and friends it is, of course, but natural that every consideration should be made and this includes the manner in which the body is handled by the undertaker. No novice is wanted on such occasions--only experienced, careful and painstaking men being desired. Such undertakers are sure to enjoy a liberal patronage and it is these qualifications in Mr. Terwilliger which make the Cottage Undertaking Parlors at 293 North Cottage street. In conducting this establishment the most modern and most approved methods are pursued and every convenience and facility has been provided which may prove advantageous to those requiring this kind of services. Furthermore, charges made are always reasonable, notwithstanding that only high class services are rendered on all occasions. Mr. Terwilliger has enjoyed a wide experience in this line of business and since taking charge of the Cottage Undertaking Parlors has been justly popular with everybody requiring his professional services. A specialty is made of preparing bodies for shipment to distant points and all work is done under a guarantee of satisfaction. Coffins and caskets are furnished at prices to suit the demands of all customers, ranging from the more common to the more elaborate. It will be to the advantage of anybody requiring the services of an undertaker to go to the Cottage Undertaking Parlors. The only lady embalmer in Salem is to be found at the Cottage Undertaking Parlors.

STANDARD LIQUOR CO.

Through square dealing the Standard Liquor Co. has built up a most excellent business. It is an old adage that when one has business dealings with another he expects to get skinned if the other fellow is smarter than he. Through the able management of the Standard Liquor Co. by Mr. A. G. Magers, this firm has demonstrated that this is not true of all firms. Mr.

Magers believes that honesty is the best policy, and using this policy he has built up trade that is exceeded by very few houses in the state. Their goods are absolutely honest, likewise their prices.

Their line is large, including everything which may be required by the trade or for family use. Exceptional facilities are enjoyed whereby all orders may be promptly and satisfactorily filled, careful attention being given to the requirements of every customer, whether order be large or small--and with a full line of wines, malt and spirituous liquors, cigars, etc., of the highest grade this can be done. They have a large trade with the retailers in the territory contiguous to Salem--besides a large local patronage.

Mr. Magers, the manager, is a loyal and progressive citizen, doing everything within his power for the advancement of her interests. He supports every enterprise that is for the city's advantage.

Their place of business is advantageously located for the transaction of business. A number of men are employed locally, besides several on

Phone : : Residence 1105
Phone : : Planing Mill 20

The Brown Planing Mill

OTTO HANSEN
Proprietor
Successor to FRANK M. BROWN
145 Front Street
All Kinds of House Finish
Salem, Oregon

NEW FIXTURES FOR NEW YEARS



Would be a present to yourself well worth making. They would be a perpetual source of pleasure and comfort for the dining room or parlor. Come and see the dainty conceptions we have in such chandeliers, and we believe you'll think our suggestion a good one.

H. H. Hunter & Co.
126 S. Commercial St.

the road, looking after the outside trade.

Through relations with the leading manufacturers of the country the Standard Liquor Co. can offer better prices than any wholesaler can. The premises are located at 148-156 South Commercial street.

There was an increase of 40 per cent in number of state warrants drawn for the year ending December 1 over the preceding year. For 1910 there were 8069, for 1911 12,453.

In February the state of Oregon will receive a herd of twelve elk, and they will be enclosed in a 2500-acre coyote-proof pasture in the mountains. Elk, beaver and Chinese pheasants cannot lawfully be killed in Oregon.

There are 19,000 dairymen in Oregon.

Portland banks show gains in deposit of three millions in three months.

The Spa Confectionery

382 STATE STREET
This confectionery store is one of the best known in the Northwest; its fame is spread far and wide by the superior quality of candy and ice cream which it manufactures. A new lease has been signed on the building and about February 1, 1912, it will be enlarged and entirely refitted with new fixtures, which will place it in a class by itself among the stores between Portland and Sacramento. In fact we hope to agreeably surprise our customers with something fine, that they will be proud to show their friends when visiting the city. When you patronize The Spa you will be assured high-class goods and courteous treatment.
W. T. STOLZ & F. G. MYERS, Proprietors

Salem Abstract Company

Established 1880

General Abstracting of Land Titles for Marion County

First Nation'l Bank Building

A. A. LEE, President.
GEORGE J. WATSON, Secretary.
A. P. MANNING, Treasurer.

OLMSTED LAND CO.

C. J. Olmsted
W. F. Tucker, Peter Springer
Proprietors



They handle all kinds of property -- Fruit Land, Wheat Land, Hop Land, Clover Land, the best of river bottom land, and at reasonable prices. We also exchange properties; have a large list of city property to select from. Our aim is a square deal with all.

Has Unlimited Faith in the Future of Salem

DURING the past year our Company has expended \$125,000 in improving the service of its streetcar, electric and gas lighting systems in the city of Salem. This sum is equal to, if not greater than, that expended by any other single institution doing business in the city. It was made because the Company has an abiding faith in the future of Salem. It believes that Salem has before it a wonderful growth and will always be the second city in the State. The expenditures were made for betterments, such as new cars, new tracks, rewiring and the rebuilding of its gas plant. It is a practical illustration of what the Company intends to do from year to year so that Salem may always find its public utility corporation in the lead for the advancement and progress of the city.

Portland Railway, Light & Power Company

SALEM, OREGON.