

**Climatic Conditions
the Best in the World.**

CLIMATIC conditions in Oregon, and especially in and around Astoria, cannot be surpassed for health and agricultural purposes in any other part of the world. To become aware of this one needs but to consult the death records of the state and county, and to view exhibits of the state's productions.

The healthy appearance of the native Oregonians and people who have been in the state any length of time is ample proof of what the climate has done for the natives and what it will do for those who come from other parts of the country. The longevity of the pioneers of Oregon has been a noticeable feature at the yearly gathering of the old-timers who crossed the plains to this rich state.

The people of this section are larger, healthier and more fully developed than in any other part of the west coast states. They are the marvel of tourists from all over the world, many of whom declare that the women, especially, of Oregon, are the handsomest and finest they have seen anywhere in their travels.

The much-boasted climate of California is easily surpassed by the climate of Oregon because there are fewer changes in the atmosphere in a year. The thermometer does not reach as high a point in summer, while the winter months here are about the same as in middle California. The Japan current along the coast makes the temperature very equable.

The temperature during the summer averages 60 degrees and during the winter it seldom goes below 35 degrees. The consequence is that the gradual change from summer to winter and from winter to summer is hardly noticeable. This section of the coast has the advantage of the inland part of the state in this respect, where the extremes are greater.

The climate is a realized dream of paradise. It is exquisite beyond description or imagination. Among all the climates of the globe, from Arctic to equatorial regions, there is nothing more gloriously perfect. It is utterly unlike the climate of Portland or Tacoma, and other places within a comparatively short distance in the same general region. No blizzards, no tornadoes, no cyclones, and no thunderstorms. No hot weather in the summer and no cold weather in the winter. There is not a day in the year when flannels and light overcoats are not comfortable, or a night, when blankets are not necessary.

And then, although the latitude is the same as frigid Dakota and Nova Scotia, all the ice is manufactured artificially, and flowers bloom in the open air all the year round. Trees and grasses are as green as living emerald in December and January, and the snowy crowns of Mount Hood and Mount St. Helen glisten white and dazzling in July and August. Nowhere on earth is there such a combination of beautiful healthy atmosphere, and rich natural advantages.

The scenery includes all that is entrancing, picturesque and beautiful—mountain and valley, ocean and majestic rivers, gem-like islands, boundless forests, rugged crags and golden sands; while over all is thrown the translucent glory of a sky as divinely blue and crystalline as ever domed the verdant bowers of primeval Eden. There is not on the

whole Atlantic coast, from Newfoundland to Florida, from Halifax to Dry Tortugas, a view comparable with the sublime sweep of the eye over the entrance to the harbor from Fort Canby. No artist could portray on canvas a tenth of the natural beauty of the coast along the country on either side of the Columbia and for a hundred miles up this "Mississippi" of the west.

Diseases of the human race which are fostered by the climates of other sections are unknown here, and that scourge of the race, the "white plague" is also an unknown quantity unless an arrival from other parts comes here to regain health and strength. The ozone bragged about so much in some of the middle and southern states has always been here in such quantities that the people are used to it and fail to herald to the world a subject which to them is of little moment when it is combined with so many natural advantages. Everything advantageous to modern civilization is so common in Oregon that the people are prone to normal content. No special feature is announced to the other parts of the country because there are so many and it is undecided which should be given the preference.

Strong men and athletes are bred in this section of the country and have gained fame in all parts of the globe. Where feats of strength, endurance and brawn are required there you will find the Oregonian holding his own and some better in numerous contests. The working man of the western section of the state is renowned for his hardihood and staying qualities and it goes without saying that the Columbia river fishermen as a class are the healthiest and strongest on earth.

The peculiar features of the Oregon climate finds its explanation partly in the topography of the country and partly from the great Japan current of hot water—The Kuro Siwo—which results from two currents of heated water from the Indian Ocean; one passing through the Straits of Malacca and the China Sea, the other skirting the east coast of the Philippine Islands, at the northern extremity of which they unite, opposite the Japan Islands.

This united current again divides, its main branch tending north-east, strikes the Oregon coast off the mouth of the Columbia river. The waters of this current near its southern edge is 4.3 degrees hotter than those just outside the current. This vast amount of heat is expended on the coast line between Port Orford and Sitka.

Within a variable distance of a few miles of the sea the coast range of mountains, parallel to the coast line, reaches from the Golden Gate to Vancouver Island, while to the east of this range of mountains and parallel with it runs the Cascade Range, at variable distances of from sixty to one hundred and twenty miles, and between these ranges are the Rogue River, Umpqua and Willamette Valleys. These latter are immensely rich in agriculture, through the mild climate and fertile soil.

Still further to the east are the high table lands bordering on the Columbia, John Day and Snake Rivers, whose streams water and drain this immense inland empire, while these mountain ranges give direction to the winds and prove barriers to their force. In this vast country there is a variety of climate, modified by fixed degrees of altitude, ranging from the sea level at Astoria and south to Crescent City to an elevation of 4258 feet at Little Meadows, near the Deschutes.

In all this variety of position the mean annual temperature in the northern part of Oregon is 52.4 degrees. The mean annual temperature

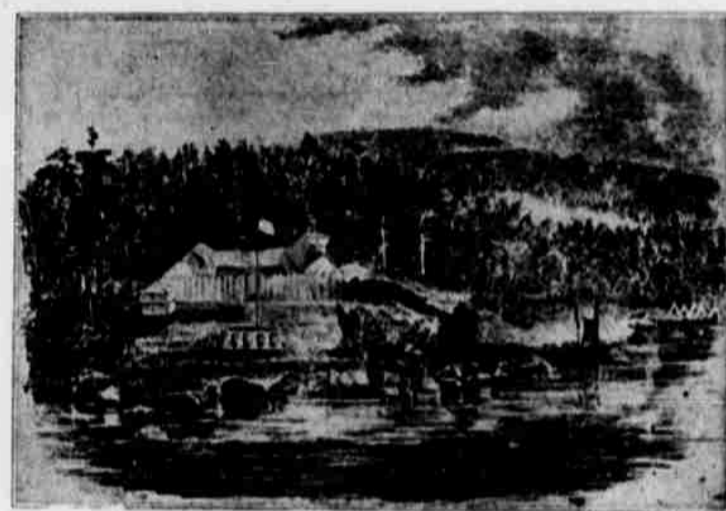
of the southern part is the same, that of the east part of the state being 48 degrees and that of the west coast 49 degrees mean annual temperature.

During the summer months the prevailing winds are from the north during the morning hours, but almost every afternoon a strong breeze sets in from the west, directly from the Pacific Ocean, until nightfall, when the breeze turns back from the east. Thus, in every twenty-four hours the winds have disturbed the malarial and septic influence of disease germs, and so diluted them with atmospheric currents that they have no influence whatever.

It seems to be a fact that the western coasts of all continents have a milder climate than the corresponding eastern exposure. In fact, latitude has little to do with local temperature in Oregon. Astoria, at the mouth of the Columbia, has a mean annual temperature of 54 degrees, while a degree further north on Puget Sound has a temperature of 58.9 degrees. Frost never penetrates the ground and it never snows at Astoria.

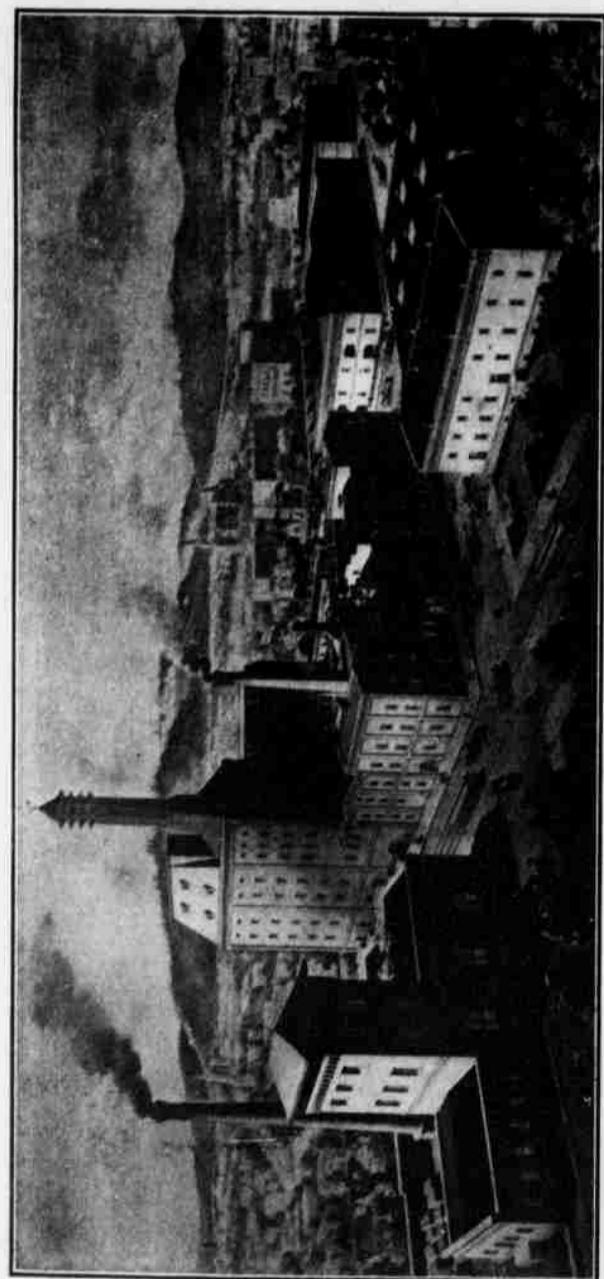
The thoracic disorders are more serious and fatal than the abdominal. Cholera prevails where the temperature stands at a high grade for a considerable length of time, and proves fatal where cholera germs luxuriate in a hot and unchanging atmosphere. The climate of Oregon is entirely free from this disease for the simple reason that the germs of this particular form of disease cannot flourish in this mild and anti-septic climate, with its ever-changing currents of air drawn freshly from the mild Pacific Ocean, and mixed three times a day with the gentle breezes from the table lands and adjacent coast.

In the past twenty-three years no case of sunstroke, so common in eastern climates, has been recorded in Oregon. Whether there were any before that time is not known as no records were kept, but it is claimed by old pioneers that sunstroke in Oregon is impossible. Yellow fever is also unknown in this climate for the same reason, that is, our mild warm days are always followed by refreshingly cool nights, which makes the climate destructive to germs, which in constantly hot localities, develop this remarkable fatal malady. And so it has been conclusively proven that the therapeutic climate of Oregon is remarkable in its effects, both as to its prophylactic agencies and its curative effects on all diseases peculiar to the human race.



ASTORIA IN 1812

Most modern and up-to-date establishment of its kind in the Pacific Northwest



HENRY WEINHARD BREWERY
PORTLAND, - OREGON

WE HAVE LISTED FOR SALE

**TIMBER LANDS,
FARMS,
CITY LOTS,
HOUSES,
AND ALL
KINDS OF
REAL ESTATE**

Western Realty Co.
172 Tenth St., ASTORIA, ORE.