

below 35° , 4. The observations upon which above figures are based were made by the United States Signal Service Bureau every day at 7 a. m. and 2 p. m. through a series of years and may be relied upon as substantially correct.

The average rainfall in San Jose is about 19 inches, confined to the months of October to March inclusive, though there are occasional showers in April and May. In some parts of the county the fall is much greater.

PRODUCTS.

The climate and soil of Santa Clara County seem equally adapted to the cultivation of grain, fruits or vegetables. Horticulture, however, is attracting most attention and giving largest returns on investments. All the fruits and nuts of the semi-tropics and temperate zone flourish in abundance and perfection.

There are now (July 1, 1899) in the county, according to the report of the County Assessor, 4,760,145 fruit and nut trees (about 47,000 acres), of which 3,532,915, or 35,000 acres, are in full bearing. In addition to this there are about thirty millions of vines (12,078 acres). The principal fruits included in the above figures are apples 31,365, apricots 545,120, cherries 160,130, almonds 21,555, olives 16,410, peaches 546,915, pears 142,095, prunes 3,278,200, quince 1,410, orange 1,570, lemon 1,075, walnuts 11,135, figs 2,200. Figures of fruit shipments from San Jose for the past year are not at hand, but in 1895 there was shipped overland from San Jose alone 111,410,475 pounds or 3,714 carloads. The amount has increased considerably each year since.

This season there are also 7,920 acres of wheat, 8,450 of barley, 159 of corn 325 of potatoes and 27,013 acres of hay. Other fruits, vegetables and grains are grown in smaller quantities. [Brandies assessed in 1899, 102,620 gallons; wines, 1,510,150.] Near the town of Santa Clara are the largest seed farms in the world. Hundreds of acres are devoted to garden and flower seeds of all possible varieties. Of carrots and cabbage there are 15 varieties grown; onions 20, lettuce 75, 100 of sweet pea. One farm, owned by C. C. Morse & Co., containing 1,200 acres, grows garden and flower seeds the year around, being supplied with water for irrigation purposes from four artesian wells. All kinds of vegetables are planted immediately after the autumn rains begin and grow throughout the winter—the most tender varieties of lettuce, cabbage, etc., very rarely suffering from frost.

In the eastern and southern parts of the county stock in considerable number is raised. Some large dairies are located near Gilroy, where the finest butter and cheese are made. The largest and best equipped horse farm in the world is at Mayfield.

For several years tobacco has been grown near Gilroy of a quality fully equal to any grown in the Eastern or Southern States, the warm sunny climate being specially adapted to its growth.

To describe, or even mention, in further detail the products of this favored valley is unnecessary in such a sketch as this. Suffice to say