

Swedes to supply even England and France with whole cargoes of milk.

The tide-like effect of gales on lakes having no ordinary tides is very considerable. In the Caspian, says Mr. W. H. Wheeler, a gale will raise the water on one side six feet, causing a total difference of level of twelve feet; in the Baltic eastern gales will produce a change of eight feet; and in Lake Erie heavy gales occasionally cause a difference of level of more than fifteen feet.

The observations of earth currents at Greenwich observatory have been made practically useless for several years by the electric railway from Stockwell to London modern instruments being so sensitive that indications of the current of this railway have been detected more than 100 miles away. An early effect of the railway led to a funny experience. The generating station was visited by the magnetic superintendent of the observatory, and on his return to work the tracings of his magnets showed a curious deflection, which continued day after day—but only during the hours of his attendance. The idea, that he was magnetized was a straitening one! But one day he left his umbrella at home and there was no disturbance, the umbrella having been a permanent magnet since the visit to the power station.

WEEKLY CROP BULLETIN.

Salt Lake City, Utah, May 31, 1898.

Owing to unsettled weather and almost daily rainfalls of the past week accompanied by cool weather, especially at night, the crop conditions have not improved. The temperature has fallen exceptionally low for this time in the season and but for the intervention of cloudiness, frosts of a damaging nature would have occurred. In some sections light and unimportant frosts occurred. The frosts of the previous week failed to do the damage attributed to them at the time of occurrence. The week began and terminated with the temperature ranging about the freezing point in nearly every section of the State.

Fall wheat, other small grains, lucerne, and grasses have made good progress on high and well drained lands; on low lands grains and grasses have not done well for the past week. Fall wheat is in the boot and in some sections it is heading. Lucerne ranges from ten to fifteen inches in height. Some lucerne has been cut in Weber county, while in Washington county, preparations for the harvest are being made.

Potato planting made little progress owing to the condition of the soil. Corn, beans and vine seeds have failed to germinate. It is thought that these crops will require reseeded, the ground continuing so cold that the seed decayed.

The fruit crop is in a doubtful state. Apples give promise of an abundance, peaches and apricots will be very scarce. Strawberries are ripening rapidly in favored localities, and seem to have suffered the least of the fruits. It is likely that the cold rains have done considerable damage to the fruit, the extent of which cannot be determined until later in the season. Vegetation has now reached a point where its progress depends upon warmer weather and sunshine. That the crops of fall and spring sown grain, lucerne and grasses of all kinds will be exceptionally large is generally conceded. Farmers are jubilant over the prospects. Irrigation, so far, has not been resorted to and the surplus water in some sections has been stored for future use.

Garland—It rained almost all the week; what, small grain and lucerne

are growing as fast as they can; prospects for an immense crop of wheat.

Brigham City—The weather has been cold and stormy; tender vines and plants suffered from unfavorable weather.

Deweyville—Winter wheat and barley are heading; lucerne is doing well; will soon be out in bloom.

Fielding—All grain looks well; fall wheat is in the boot; sunshine and warm weather needed; some corn and vine seeds have rotted in the ground, due to wet, cold weather.

West Doolaye—The grass and lucerne are making a rapid growth; fruit is forming and garden vegetables are looking fine; this is a model year for the farmers.

Minersville—Crops look well; potato planting is in progress; no damage from frost is reported.

Greenville—Weather has been windy with light frost and rain; vegetation has not grown much this week.

Benson—Weather has been very stormy; crops are generally looking well; the prospects for a good harvest are better than they have been for several years.

Smithfield—Lucerne and grass are growing well; some corn has rotted but will be replanted; some pears have been killed by the frost.

Logan—Small grain looks pale for the lack of sunshine.

Hyde Park—Work has commenced on the beets and a good crop is anticipated; it has rained every day the past week.

Madow—Fall grain is in the boot, some is heading; spring grain looks well; some hail occurred on the 28th without doing damage.

Cache Junction—Frequent showers occurred during the week; cool nights no frost; wheat and grass are growing well.

Price—The last week was a good one for the crops; the outlook is very promising.

Syracuse—The weather has been a little too wet for the crops; the beet crop is doing well; strawberries are ripening; peas in bloom and lucerne will soon be ready for cutting.

Lawrence—It rained the first of the week, since then the weather has been fair; lucerne and small grain are coming on nicely; everything looks promising.

Tropic—The past week was good for the crops. The lucerne is 12 to 15 inches in height.

Coyote—The past week was very favorable for growing crops. Grain is growing and stooling nicely. Plenty of water in the river.

Parowan—The weather has been fine for growing crops. Corn and potato planting is nearly done. Apples are getting on well, with prospects for a good crop. Very few peaches and apricots.

Ranch—The weather has been very cold, but no frost to hurt. Lucerne is 10 inches high.

Mt. Carmel—Light frost on the 21st did no damage to the crops; the week has been favorable to crops.

Hinckley—Wheat is stooling well with fair prospects for a crop. Some chinch bugs, but not in numbers to cause alarm.

Deseret—We have had strong winds with copious rains. Crops are looking well and growing rapidly.

Scipio—A very fine growing week. Everything is looking fine.

Holden—The weather was rainy with sunshine at intervals. All crops are doing well.

Pellman—Potato planting is hindered by so much rain. Grain and hay are doing fine on uplands.

Kingston—Plants are growing slow-

ly. Strawberries are ripening in favorable localities.

Meadowville—The past week was rainy; truck looks well.

Kaysville—No change has occurred in the crop conditions. Continued rains assures the largest crop of grain for many years.

Chester—The weather has been wet; you can see vegetation jump between the drops.

Spring City—Potato planting not done, being too wet. Grass crops never were better. Mountain streams are high.

Mt. Pleasant—Continued rains have been very beneficial. The damage done to fruit by frost is insignificant. Strawberries suffered the most.

Manti—There has been no irrigation of crops yet, and they will not need it for three weeks.

Mill Creek—More sunshine would be better for crops, but the rain has not damaged anything.

Sigurd—Vegetation is making a good growth. Early potatoes and some corn are up.

Coalville—Another week of cold rain, very good for the stock range, but a little too cold for vegetation.

Oakley—Plenty of rain. Nice growing weather. Small grains are looking well and lucerne is eight inches in height.

Hoytsville—Potato planting is nearly done. The frost last week did not do as much damage as was expected.

Payson—There has not been enough sunshine to cause much growth. We have had the heaviest rains for many years.

American Fork—Much corn will be replanted. It has been very seasonable for wheat.

Mapleton—The rains have retarded the thinning of beets. Surplus water is being stored in reservoirs.

Lehi—Some lucerne is being cut and it is a good crop.

Salem—Cool, cloudy weather retards the growth of vegetation. Corn is not coming up. Beets have a good stand.

Lake Shore—Winter wheat is in the boot. Crops are doing well.

St. George—Active growing weather. Lucerne is being cut.

Charleston—Grain and grass look well and are growing in spite of the cold. Farmers are jubilant.

Heber—Fruit trees are still in bloom. Grain looks sickly on low lands.

Harrisville—Strawberries are large; they will be ripe in another week.

Liberty—All kinds of grain and grass are looking well.

Huntsville—Potato planting was delayed on account of the wet weather. Everything is growing nicely.

Plain City—Lucerne is ready to be cut. Peas are in bloom. Potatoes are looking well.

Roy—Strawberries are ripening rapidly.

Uintah—It rained every day the past week. Corn and beans are not coming up, and are likely to rot in the ground. In a few days lucerne will blossom; the crop will be immense.

Monticello—Weather very cold, crops growing slowly; radishes and lettuce are just coming in. Heavy crops are assured.

J. H. SMITH,
Section Director, Salt Lake City,
Utah.

ON A GOLD HUNT.

The strength, perhaps the weakness, too, of the American nation, is shown in the manner in which it is carried away by a new idea, a new prospect. It is characteristic of a young, powerful nation, to risk life, happiness and comfort for an idea, a hope, new and therefore fascinating, rich and therefore tempting.

When the transportation companies started to boom Alaska last summer,