

berland Mountains, in which the infected district is situated, for four months, the drought entailing not only an almost total failure of crops, but cutting off the supply of water. Difficulty was experienced in obtaining water for the stock in some localities as early as the middle of August, but no actual suffering among the inhabitants occurred until towards the end of September, when the ordinary sources of supply having, for the most part, failed, the mountaineers were compelled, in order to sustain life, to obtain water for household purposes from what is known as "poison" or mineral springs, in the mountains, or from the small amount remaining in deep holes in the beds of creeks. A persistent use of this water soon developed a peculiar disease, as deadly as Asiatic cholera in nature, which has ever since raged with terrible fatality over half a dozen counties in the two States of Virginia and Kentucky, the loss of life thus far being variously estimated at from 500 to 803. Among children and adults well up in years, the mortality has been greatest, but no class has been exempt. In a number of instances, especially along the forks of McLean's creek, a tributary of the Big Sandy, and in the valley of the Powell, emptying in the Tennessee, entire families have perished, while in numerous other cases but one or two members of the household survived. Few recover from the disorder, from 60 to 80 per cent. of those attacked dying, this being accounted for by the fact that pure water is still unobtainable, and proper food and medical attendance cannot be had. The drying-up of the streams has necessitated the stoppage of numerous small grist mills along the mountain valley, and the population for the most part appears to be in the most abject want and misery. The locality is almost inaccessible to the outside world, there being no railroad within 100 miles, and obtaining reliable news is very difficult, but even if half of what is alleged be true the calamity is one of the most serious nature and calls for prompt action by the authorities and the public.

THE FIVE MERIDIAN LINES

From Which the New Standards of Time Will be Measured.

Professor N. Slater furnishes the following interesting data to the Sacramento Bee:

The railroad managers of the United States and British possessions seem to have agreed upon five different meridian lines as standards of time for the running of trains upon their respective roads. These lines are the following meridians west from Greenwich: The sixtieth degree, the seventy-fifth, the ninetieth, the one hundred and fifth, and the one hundred and twentieth. These meridians are fifteen degrees apart, and the difference of time between them is sixty minutes or one hour.

The sixtieth degree runs a little west of Newfoundland, across the eastern end of the island of Cape Breton, and out in the Atlantic ocean more than seven degrees east of Boston.

The seventieth degree runs through the eastern part of New York, out westerly from Albany, about one-fourth of the distance towards Buffalo. It also runs through the western part of New Jersey, and a little east of the city of Philadelphia.

The ninetieth degree runs through Wisconsin near the centre, through the western part of Illinois, through the western part of Mississippi, and very nearly through the centre of Memphis and New Orleans.

The 105th degree runs through Montana and Wyoming Territories, through Colorado a little east of its centre; through New Mexico about one-third of the distance from the east side toward its western boundary, and through the western part of Texas.

The 120th degree runs on the boundary line between Nevada and California, to the State of Oregon, and through the central part of Santa Barbara county into the Pacific ocean. Sacramento City is about one degree and 25 minutes west of this last named meridian, and Los Angeles about one and three-fourths degrees east of it. This would make the local time of Sacramento five and two-thirds minutes slower than the time on the last standard meridian, and the local time of Los Angeles, seven minutes faster than the time on the same meridian. The local time of San Francisco would be a fraction less than ten minutes slower than on this standard line of 120 degrees west longitude from Greenwich.

What is this Disease that is Coming Upon Us?

Like a thief in the night, it steals in upon us unawares. Many persons have pains about the chest and sides, and sometimes in the back. They feel dull and sleepy; the mouth has a bad taste, especially in the morning. A sort of sticky slime collects about the teeth. The appetite is poor. There is a feeling like a heavy load on the stomach; sometimes a faint all-gone sensation at the pit of the stomach which food does not satisfy. The eyes are sunken, the hands and feet become cold, and feel clammy. After a while a cough sets in at first dry, but after a few months it is attended with a greenish-colored expectoration. The afflicted one feels tired all the while, and sleep does not seem to afford any rest. After a time he becomes nervous, irritable, and

gloomy, and has evil forebodings. There is a giddiness, a sort of whirling sensation in the head when rising up suddenly. The bowels become costive; the skin is dry and hot at times; the blood becomes thick and stagnant; the whites of the eyes become tinged with yellow, the urine is scanty and high-colored, depositing a sediment after standing. There is frequently a spitting up of the food, sometimes with a sour taste, and sometimes with a sweetish taste; this is frequently attended with palpitation of the heart; the vision becomes impaired with spots before the eyes; there is a feeling of great prostration and weakness. All of these symptoms are in turn present. It is thought that nearly one-third of our population has this disease in some of its varied forms. It has been found that medical men have mistaken the nature of this disease. Some have treated it for a liver complaint, others for kidney disease, etc., etc., but none of the various kinds of treatment have been attended with success, because the remedy should be such as to act harmoniously upon each one of these organs, and upon the stomach as well; for in dyspepsia (for this is really what the disease is) all of these organs partake of this disease and require a remedy that will act upon all at the same time. Siegel's Curative Syrup acts like a charm in this class of complaints, giving almost immediate relief. The following letters from chemists of standing in the community where they live show in what estimation the article is held.

John Archer, Harthill, near Sheffield: I can confidently recommend it to all who may be suffering from liver or stomach complaints, having the testimony of my customers, who have derived great benefit from the Syrup and Pills. The sale is increasing wonderfully.

George A. Webb, 141 York Street, Belfast:—I have sold a large quantity, and the parties have testified to its being what you represent it.

J. S. Metcalf, 55 Highgate, Kendal:—I have always taken great pleasure in recommending the Curative Syrup, for I have never known a case in which it has not relieved or cured, and I have sold many grosses.

Robt. Gould, 27 High Street, Andover: I have always taken a great interest in your medicines and I have recommended them, as I have found numerous cases of cure for their use.

Thomas Chapman, West Auckland:—I find that the trade steadily increases. I sell more of your medicines than any other kind.

N. Darroll, Clun, Salop:—All who buy it are pleased, and recommend it.

Jos. Balkwill, A. P. S., Kingsbridge:—The public seem to appreciate their great value.

A. Armstead, Market Street, Dalton-in-Furness:—It is needless for me to say that your valuable medicines have great sales in this district—greater than any other I know of, giving great satisfaction.

Robt. Laine, Melksham:—I can well recommend the Curative Syrup from having proved its efficacy for indigestion myself. Frijockheim, Arbroath, Forfarshire, September 23, 1882.—Dear Sir: Last year, I sent you a letter recommending Mother Siegel's Syrup. I have very much pleasure in still bearing testimony to the very satisfactory results of the famed Syrup and Pills. Most medicines die out with me, but Mother Siegel has had a steady sale ever since I commenced, and is still in as great demand as when I first began to sell the medicine. The cures which have come under my notice are chiefly those of liver complaint and general debility.

A certain minister in my neighborhood says it is the only thing which has benefited him, and restored him to his normal condition of health after being unable to preach for a considerable length of time. I could mention also a great many other cases, but space would not allow. A near friend of mine, who is very much addicted to costiveness, or constipation, finds that Mother Siegel's Pills are the only pills which suit his complaint. All other pills cause a reaction which is very annoying. Mother Siegel's Pills do not leave a bad after-effect. I have much pleasure in commending again to suffering humanity Mother Siegel's medicines, which are no sham. If this letter is of any service you can publish it.

Yours very truly,
(Signed) WILLIAM S. GLASS,
A. J. White, Esq. Chemist.

15th August, 1883.
Dear Sir,—I write to tell you that Mr. Henry Hillier, of Yatesbury, Wilts, informs me that he suffered from a severe form of indigestion for upwards of four years, and took no end of doctor's medicine without the slightest benefit, and declares Mother Siegel's Syrup, which he got from me, has saved his life.

Yours truly,
(Signed) N. WEBB,
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