

ABSTRACT OF SANITARY REPORTS.

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UNITED STATES.

SPECIAL REPORTS.

Gulf quarantine station.

Surgeon R. D. Murray reports as follows relative to the American brigantine *John McDermott*, from Rio de Janeiro via Barbados and Round Island quarantine:

OCTOBER 29, 1891.

SIR: I have the honor to report the arrival here this day of the American brigantine *John McDermott* from Rio Janeiro via Barbados and Round Island quarantine.

This vessel had one case of yellow fever in Rio; result, recovery and return to duty. She also had four cases of smallpox, one of which died, one recovered and returned to duty, and two were left in hospital on departure, but have since recovered.

Her crew consists of ten all told, one of which has had smallpox, eight have been vaccinated, and one (shipped at Barbados) has not been vaccinated. From the fact that this last case has not contracted the disease, it is presumed that there is no danger to be apprehended. Nevertheless, the vessel, clothing, etc., will be thoroughly disinfected, and the crew held under observation.

THE SUPERVISING SURGEON-GENERAL M. H. S.

NOTE.—The active quarantine season having closed, the tabulated reports of vessels inspected and treated at the various United States quarantine stations will be discontinued until next season.

Reports of States, and yearly and monthly reports of cities.

MICHIGAN.—Week ended October 24, 1891. Reports to the State board of health, Lansing, from 64 observers, indicate that diphtheria, pneumonia, pleuritis, scarlet fever, and bronchitis increased, and that puerperal fever, cholera infantum, dysentery, erysipelas, whooping cough, and inflammation of brain decreased in area of prevalence.

Diphtheria was reported present during the week and since at 41 places, scarlet fever at 41 places, enteric fever, which increased by 72 per cent., at 81 places, and measles at 3 places.

Table of temperature and rainfall, week ended October 30, 1891.

[Received from Department of Agriculture, Weather Bureau.]

Locality.	Mean temperature in degrees Fahrenheit.			Rainfall in inches and hundredths.		
	Normal.	Excess.	Deficiency.	Normal.	Excess.	Deficiency.
New England States:						
Eastport, Me.....	43		43	1.05		.52
Portland, Me.....	42		31	.92		.61
Boston, Mass.....	48		31	.99		.74
Block Island, R. I.....	51		36	.98		.64
Middle Atlantic States:						
Albany, N. Y.....	47		38	.77		.71
New York, N. Y.....	52		34	.81		.60
Philadelphia, Pa.....	53		32	.74		.44
Atlantic City, N. J.....	52		33	.77		.60
Baltimore, Md.....	54		31	.70		.45
Washington, D. C.....	53		18	.70		.65
Lynchburg, Va.....	54		13	.70		.70
Norfolk, Va.....	58		38	.84		.83
South Atlantic States:						
Charlotte, N. C.....	57		11	.84		.84
Wilmington, N. C.....	61		34	.70		.70
Charleston, S. C.....	64		19	.86		.86
Augusta, Ga.....	62		27	.63		.63
Savannah, Ga.....	64		24	.74		.74
Jacksonville, Fla.....	68		27	.91		.57
Key West, Fla.....	78		34	.89		.89
Gulf States:						
Atlanta, Ga.....	58	1		.70		.70
Pensacola, Fla.....	66		11	.89		.89
Mobile, Ala.....	65		19	.77		.77
Montgomery, Ala.....	63		13	.67		.67
Vicksburg, Miss.....	63	7		.84		.84
New Orleans, La.....	67		10	.84		.84
Shreveport, La.....	63	8		.98		.98
Port Smith, Ark.....	58	34		.79		.79
Little Rock, Ark.....	60	19		.79		.79
Palestine, Tex.....	63	30		.90		.90
Galveston, Tex.....	69	16		1.12		1.08
San Antonio, Tex.....	66	29		.38		.38
Corpus Christi, Tex.....	70	21		.70		.70
Brownsville, Tex.....	72	(*)		.72		(*)
Rio Grande City, Tex.....	72	(*)		.39		(*)
Ohio Valley and Tennessee:						
Memphis, Tenn.....	59	30		.89		.89
Nashville, Tenn.....	56	16		.70		.70
Chattanooga, Tenn.....	58	2		.82		.82
Knoxville, Tenn.....	55		16	.79		.79
Louisville, Ky.....	55	18		.81		.81
Indianapolis, Ind.....	50	28		.70		.70
Cincinnati, Ohio.....	53	9		.70		.70
Columbus, Ohio.....	50	8		.70		.70
Pittsburg, Pa.....	51		3	.63		.53
Lake Region:						
Oswego, N. Y.....	45		19	.77		.77
Rochester, N. Y.....	45	0	0	.77		.77
Buffalo, N. Y.....	46		7	.91		.91
Erie, Pa.....	48		5	.98		.76
Cleveland, Ohio.....	49	12		.63		.59
Sandusky, Ohio.....	49	9		.63		.63
Toledo, Ohio.....	48	12		.63		.63
Detroit, Mich.....	48		3	.63		.63
Port Huron, Mich.....	45		2	.63		.48
Alpena, Mich.....	41	12		.83		.83
Marquette, Mich.....	40	40		.66		.49
Grand Haven, Mich.....	45	19		.77		.76
Milwaukee, Wis.....	44	56		.56		.55
Chicago, Ill.....	47	44		.71		.71
Duluth, Minn.....	40	45		.48		.48
Upper Mississippi Valley:						
St. Paul, Minn.....	42	65		.35		.35
La Crosse, Wis.....	45	68		.43		.43
Dubuque, Iowa.....	46	45		.58		.58
Davenport, Iowa.....	48	63		.65		.65
Des Moines, Iowa.....	47	77		.72		.72
Keokuk, Iowa.....	50	67		.63		.63
Springfield, Ill.....	50	43		.77		.77
Cairo, Ill.....	56	29		.78		.78
St. Louis, Mo.....	53	50		.63		.63

* Missing.

Table of temperature and rainfall, week ended October 30, 1891—Continued.

Locality.	Mean temperature in degrees Fahrenheit.			Rainfall in inches and hundredths.		
	Normal.	Excess.	Deficiency.	Normal.	Excess.	Deficiency.
Missouri Valley:						
Springfield, Mo.....	54	57		.80		.80
Kansas City, Mo.....	52	76		.72		.72
Concordia, Kans.....	50	81		.35		.35
Omaha, Nebr.....	48	89		.44		.44
Valentine, Nebr.....	45	79		.21		.21
Huron, S. Dak.....	41	73		.28		.28
Pierre, S. Dak.....	44	78		.14		.14
Extreme Northwest:						
Moorhead, Minn.....	36	72		.40		.40
Bismarck, N. Dak.....	39	84		.21		.17
Buford, Fort, N. Dak.....	38	(*)		.21		(*)
Rocky Mountain Slope:						
Assinniboine, Fort, Mont.....	39	79		.14	.01	
Helena, Mont.....	40	91		.14		.13
Salt Lake City, Utah.....	46	83		.35		.35
Cheyenne, Wyo.....	42	74		.14		.14
North Platte, Nebr.....	46	66		.18		.18
Denver, Colo.....	46	72		.21		.21
Montrose, Colo.....	45	52		.07		.07
Pueblo, Colo.....	48	47		.21		.21
Dodge City, Kans.....	51	64		.21		.21
Sill, Fort, Ind. T.....	57	(*)		.56		(*)
Santa Fe, N. Mex.....	46	48		.21		.21
Pacific Coast:						
Olympia, Wash.....	49	25		1.05	2.23	
Portland, Oreg.....	51	35		1.19	2.27	
Roseburg, Oreg.....	51	42		.75	.31	
Red Bluff, Cal.....	59	17		.46	.16	
Sacramento, Cal.....	58	33		.28		.29
San Francisco, Cal.....	59		1	.35		.33
Los Angeles, Cal.....	62	15		.21		.21
San Diego, Cal.....	62		2	.14		.14
Yuma, Ariz.....	68	46		.07		.07

* Missing.

F O R E I G N .

(Reports received through the Department of State and other channels.)

Sanitary Commission at Constantinople—Reports of the United States Sanitary Commissioner.

REPORT No. 32.—Though cholera news is better, the epidemic has not yet disappeared. The sanitary physician at Aleppo reports that the disease shows a tendency to acquire a right of sojourn in that vilayet. He complains of the authorities, who do not care about improving the sanitary condition of the place. He states that all sorts of abuses occur there on the part of the officials, who, according to the vally or general governor, lack integrity and probity. Though cholera still exists, the sanitary commission established there on account of the epidemic has been dissolved.

In the Hedjaz the epidemic had ceased, but again fresh cholera deaths have been registered at Medina, around which place quarantine cordons have been established. Besides that, in the surrounding villages of Confuda, Rahmanie, and Heli cholera broke out on the 15th of September, and several deaths therefrom have been registered.

Since the outbreak of cholera at Aleppo, 1,621 deaths have been registered in all that vilayet.

The health of the capital, with the exception of a light epidemic of typhoid fever, was rather good up to a fortnight ago, but since that time a very severe epidemic of diphtheria has broken out, raging among the Jews of the capital, and especially among the Jews here who were expelled from Russia. It is reported that the epidemic was imported by the refugees. It has not yet spread over the quarter of Galata where these Jews are living.

This quarter, Galata, is dreadfully dirty and overcrowded, and its inhabitants, especially the Jews, are not cleanly. The physicians of the town have already given the alarm, and the authorities use their best efforts to check the spreading of the epidemic. But I consider their methods rather bad. For instance, when an attack of diphtheria is reported, the authorities oblige the parents of the sick to leave the house in order that it may be disinfected, but they do not provide any place for isolation of the sick; so that the affected family is obliged to go to another house, which is thus infected. It is not known how many deaths from diphtheria have occurred up to date. I will keep you advised of the progress of the epidemic.

SPIRIDION C. ZAVITZIANO.

CONSTANTINOPLE, *October 8, 1891.*

REPORT No. 33.—In my report No. 7, under date of the 16th of October, 1890, I mentioned that cholera had made its appearance at Alexandretta in consequence of the removal of the 600 soldiers from the infected vilayet of Aleppo to that of Beirut. The same thing oc-

curred this year in Yemen. There has been a removal of troops from the Hedjaz to Hodida, one of the seaports of Yemen, where on the 11th instant 13 deaths from cholera occurred at the military hospital. It is stated in the city of Hodida no deaths of the epidemic have been ascertained. It is to be hoped that cholera will not spread in the city. At the same time, in upper Syria the cholera has spread over the quarantine cordons, and deaths from that disease have occurred at Damascus since the 11th instant. The quarantine has never extended from Messina in Caramania to Jaffa in the Holy Land. These two cities have been excluded, and the quarantine in the Hedjaz has been extended also since the 9th instant. All the Arabian coast from Yambo to the Strait of Bab-el-Mandeb is under quarantine.

The epidemic of diphtheria in Constantinople has not spread to other quarters.

SPIRIDION C. ZAVITZIANO.

CONSTANTINOPLE, *October 14, 1891.*

CANADA—*Smallpox.*—Dr. Elzear Pelletier, secretary of the board of health of the Province of Quebec, furnishes the following report as to the existence of smallpox in the province up to November 3, 1891.

Counties.	Municipalities.	Cases since outbreak.	Deaths.	Recovered.	Still sick.
	Quebec.....	5	3	2	0
Bonaventure	Charleton.....	9	1	8	0
Do.....	Shoolbred and Nouvelle....	1	0	0	1
Rimouski.....	St. Damase.....	14	3	0	11
Temiscouata	St. Paul de la Croix.....	59	8	20	31
Do.....	St. Clement.....	5	0	3	2
Do.....	Ile Verte.....	1	1	0	0
Gaspe	Pabos.....	6	1	0	5
Do.....	Newport.....	5	1	0	4
Sherbrooke.....	Ascot.....	4	3	1	0
Quebec	La Jeune Lorette.....	1	0	0	1

CHILE—*Talcahuano.*—Week ended August 22, 1891. A few isolated cases of smallpox are reported amongst the soldiers.

Concepcion City.—Eighty-seven deaths from smallpox from January 1 to June 30, 1891, are reported as follows: Month of January, 27; February, 8; March, 14; April, 8; May, 14; June, 16.

CUBA—*Havana.*—Week ended October 24, 1891. There were 125 deaths from all causes, including yellow fever, 13, with approximately 40 new cases; enteric fever, 3; so-called pernicious fever, 4; paludal fever, 2; and croup, 1. The United States sanitary inspector says: "Notwithstanding the fact that 13 die weekly from yellow fever, and 40 or more new cases occur during that time, the local board of health here gives and has been giving for some little time clean bills of health."

Santiago de Cuba.—Two weeks ended September 15, 1891. Total deaths, 50, including yellow fever 3 and diphtheria 1.

DEMERAKA—*Georgetown*.—September 12, 1891. No cases or deaths from contagious diseases during the week. During the month of August, 1 death from enteric fever.

GREAT BRITAIN—*England and Wales*.—The deaths registered in 28 great towns of England and Wales during the week ended October 17 corresponded to an annual rate of 18.2 a thousand of the aggregate population, which is estimated at 9,405,108. The lowest rate was recorded in Derby, viz, 9.4, and the highest in Wolverhampton, viz, 25.8 a thousand.

London.—One thousand three hundred and twenty-one deaths were registered during the week, including measles, 18; scarlet fever, 13; diphtheria, 25; whooping cough, 34; enteric fever, 21; and diarrhœa and dysentery, 49. The deaths from all causes corresponded to an annual rate of 16.3 a thousand. Diseases of the respiratory organs caused 237 deaths. In greater London 1,615 deaths were registered, corresponding to an annual rate of 14.9 a thousand of the population. In the "outer ring" the deaths included diarrhœa, 18; diphtheria, 9; and scarlet fever, 4.

Ireland.—The average annual death rate represented by the deaths registered during the week ended October 17, in the 16 principal town districts of Ireland, was 22.1 a thousand of the population. The lowest rate was recorded in Dundalk, viz, 3.9, and the highest in Londonderry, viz, 27.2 a thousand. In Dublin and suburbs 164 deaths were registered, including enteric fever 9 and whooping cough 2.

Scotland.—The deaths registered in 8 principal towns during the week ended October 17 corresponded to an annual rate of 18.7 a thousand of the population, which is estimated at 1,338,314. The lowest mortality was recorded in Edinburgh, viz, 14.7, and the highest in Greenock, viz, 25.4 a thousand. The aggregate number of deaths registered from all causes was 482, including measles, 5; scarlet fever, 10; diphtheria, 9; whooping cough, 8; fever, 11; and diarrhœa, 19.

FRANCE—*Nantes*.—Month of September, 1891. Population, 127,482. Total deaths, 238, including typhus, 15; enteric fever, 41; and diphtheria, 2.

INDIA—*Singapore*.—Month of August, 1891. Total deaths, 577, including fevers, 178; bowel complaints, 74; cholera, 23; smallpox, 1; and beri-beri, 24.

SPAIN—*Barcelona*.—Month of September, 1891. Population, 272,000. Total deaths, 475, including enteric fever, 35; diphtheria, 13; and smallpox, 10.

SWITZERLAND—*Luzerne*.—Month of September, 1891. Population, 20,800. Total deaths, 26, including diphtheria 1.

MORTALITY TABLE, FOREIGN CITIES—Continued.

Cities.	Week ended.	Estimated Popula- tion.	Total deaths from all causes.	Deaths from—								
				Cholera.	Yellow fever.	Smallpox.	Typhus fever.	Enteric fever.	Scarlet fever.	Diphtheria.	Measles.	Whooping cough.
Puerto Plata	Oct. 10.....	4,200										
Puerto Plata	Oct. 17.....	4,200										
Coaticook.....	Oct. 24.....	3,800	3					2	1	2		
Clifton.....	Oct. 24.....	3,500										
Livingston.....	Oct. 20.....	3,000	3									
Amherstburg.....	Oct. 26.....	2,300										
Waubashene.....	Oct. 24.....	1,000										

OFFICIAL :

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