

ABSTRACT OF SANITARY REPORTS.

VOL. VII.

WASHINGTON, D. C., JANUARY 29, 1892.

No. 5.

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UNITED STATES.

SPECIAL REPORTS.

Infected vessel at South Atlantic quarantine.—The following report has been received from Passed Assistant Surgeon White :

SOUTH ATLANTIC QUARANTINE STATION,
Surgeon's Office, January 25, 1892.

SIR: I have the honor to report the arrival at this station and inspection on same date, January 24, of the Norwegian bark *Ydun*.

This vessel, arriving at Santos in July, discharged the major part of her crew at once, and of the 5 retained lost 4 by yellow fever, including the captain.

The then mate, Pedersen, now captain, is the only remaining member of the original crew. Of the new crew shipped on leaving Santos November 25, 1891, captain reports none to have been sick on the voyage.

This vessel arrived at Tybee Roads on January 21, and the master was allowed to proceed to the city, but upon the facts reaching the health officer, Dr. W. F. Brunner, she was dispatched at once to this station.

The vessel is fairly sound and clean, 19 years old, and is empty save 200 hundred tons clean stone ballast.

That she is infected there is no shadow of doubt, but the thermometric range being such as it now is, I shall not detain her after disinfection, as an outbreak is now impossible, and a thorough disinfection to prevent the introduction of fomites laden with yellow fever and capable of starting an epidemic in the spring is the only object now to be looked after. This, I take it, was the opinion under which Dr. Brunner acted in ordering her here.

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

CALIFORNIA.—Reports to the State board of health from 115 cities, towns, and villages, having an aggregate population of 796,518, show a total of 1,752 deaths, including phthisis pulmonalis, 235; influenza, 49; enteric fever, 36; scarlet fever, 5; diphtheria, 58; croup, 14; measles, 4; and whooping cough, 2.

Oakland.—Month of August, 1891. Population, 48,682. Total deaths, 67, including phthisis pulmonalis, 7; enteric fever, 3; diphtheria, 4; and whooping cough, 1.

Month of September. Total deaths, 53, including phthisis pulmonalis, 7; enteric fever, 5; croup, 1; influenza, 1; and whooping cough, 1.

Month of October. Total deaths, 68, including phthisis pulmonalis, 8; enteric fever, 2; croup, 1; measles, 1; and whooping cough, 1.

Month of November. Total deaths, 69, including phthisis pulmonalis, 5; enteric fever, 3; diphtheria, 1; influenza, 2; croup, 1; measles, 1; and whooping cough, 2.

FLORIDA—*Jacksonville*.—Month of December, 1891. Population, 17,201. Total deaths, 48, including phthisis pulmonalis 14 and enteric fever 1.

MICHIGAN.—Week ended January 16, 1892. Reports to the State board of health, Lansing, from 43 observers indicate that cholera morbus, inflammation of brain, typhoid fever, inflammation of bowels, cerebro-spinal meningitis, whooping cough, and inflammation of kidney increased, and that puerperal fever, diphtheria, membranous croup, scarlet fever, remittent fever, and erysipelas decreased in area of prevalence.

Diphtheria was reported present, during the week, at 32 places, scarlet fever at 60, enteric fever at 18, and measles at 5 places.

MISSOURI—*Kansas City*.—Month of December, 1891. Population, 132,716. Total deaths, 187, including phthisis pulmonalis, 18; enteric fever, 4; scarlet fever, 2; diphtheria, 5; croup, 12; and influenza, 3.

Year of 1891. Total deaths, 1,643, including phthisis pulmonalis, 193; enteric fever, 48; scarlet fever, 10; influenza, 23; diphtheria, 27; measles, 2; croup, 35; and whooping cough, 7.

NEW JERSEY—*Hudson County*.—Month of December, 1891. Population, 283,850. Total deaths, 587, including phthisis pulmonalis, 36; influenza, 13; enteric fever, 13; scarlet fever, 20; diphtheria, 18; measles, 1; and whooping cough, 3.

RHODE ISLAND—*Newport*.—Month of December, 1891. Population, 19,457. Total deaths, 59, including phthisis pulmonalis, 7; influenza, 3; enteric fever, 1; and croup, 1.

WASHINGTON—*Seattle*.—Month of December, 1891. Population, 42,837. Total deaths, 27, including phthisis pulmonalis 4 and enteric fever 2.

Publications received.

The Johns Hopkins Hospital report on amœbic dysentery, by Wm. T. Councilman, M. D., and Henri A. Lafleur, M. D.

The *Sanitary Inspector* for November, published by the Maine State board of health.

Table of temperature and rainfall, week ended January 22, 1892.

[Received from Department of Agriculture, Weather Bureau.]

Locality.	Temperature in degrees Fahrenheit.			Rainfall in inches and hundredths		
	Normal.	*Excess.	*Deficiency.	Normal.	Excess.	Deficiency.
New England States:						
Eastport, Me.....	19	1		.91	.17	
Portland, Me.....	19	3		.80	.54	
Boston, Mass.....	24	1		.98	.06	
Block Island, R. I.....	30		2	.99	.14	
Middle Atlantic States:						
Albany, N. Y.....	24		49	.65	.25	
New York, N. Y.....	30		30	.91	.21	
Philadelphia, Pa.....	32		35	.77	.06	
Atlantic City, N. J.....	32		28	.84		.10
Baltimore, Md.....	34		57	.70	1.11	
Washington, D. C.....	32		51	.77	.44	
Lynchburg, Va.....	37		47	.98	.64	
Norfolk, Va.....	40		24	.91	.51	
South Atlantic States:						
Charlotte, N. C.....	42		50	1.26	2.26	
Wilmington, N. C.....	48		35	.91	.69	
Charleston, S. C.....	50		24	.94	.37	
Augusta, Ga.....	48		46	1.05	1.54	
Savannah, Ga.....	52		45	.77		.19
Jacksonville, Fla.....	56		23	.77		.46
Key West, Fla.....	71		16	.49		.43
Gulf States:						
Atlanta, Ga.....	43		52	1.47	1.25	
Pensacola, Fla.....	53		71	1.12		.22
Mobile, Ala.....	52		73	1.12		.05
Montgomery, Ala.....	49		64	1.12	1.11	
Vicksburg, Miss.....	46		79	1.26	.77	
New Orleans, La.....	54		75	1.26		.92
Shreveport, La.....	44		83	1.12	1.26	
Fort Smith, Ark.....	37		88	.49	.10	
Little Rock, Ark.....	41		88	1.13	1.03	
Palestine, Tex.....	44		52	1.04	1.14	
Galveston, Tex.....	53		74	.91		.21
San Antonio, Tex.†.....	52			.35		
Corpus Christi, Tex.....	55		77	.91		.11
Brownsville, Tex.†.....	58			.47		
Ohio Valley and Tennessee:						
Memphis, Tenn.....	38		42	1.38		.31
Nashville, Tenn.....	38		68	1.26		.73
Chattanooga, Tenn.....	42		57	1.71		.43
Knoxville, Tenn.....	39		46	1.33		.02
Louisville, Ky.....	33		48	.95		.81
Indianapolis, Ind.....	27		41	.70		.25
Cincinnati, Ohio.....	32		71	.77		.43
Columbus, Ohio.....	28		62	.77		.42
Pittsburg, Pa.....	30		42	.77		.32
Lake Region:						
Oswego, N. Y.....	22		43	.70		.22
Rochester, N. Y.....	22		19	.76	.29	
Buffalo, N. Y.....	22		22	.63		.08
Erie, Pa.....	24		31	.79	.04	
Cleveland, Ohio.....	25		45	.60		.05
Sandusky, Ohio.....	25		43	.49		.04
Toledo, Ohio.....	24		50	.49		.25
Detroit, Mich.....	24		46	.42	0	0
Port Huron, Mich.....	20		21	.46	.13	
Alpena, Mich.....	15		3	.62		.55
Marquette, Mich.....	12		21	.35		.15
Grand Haven, Mich.....	23		28	.51		.09
Milwaukee, Wis.....	17		14	.52		.29
Chicago, Ill.....	23		32	.49	.28	
Duluth, Minn.....	7		43	.25		.03
Upper Mississippi Valley:						
St. Paul, Minn.....	9		43	.21		.19
La Crosse, Wis.....	12		13	.23		.24
Dubuque, Iowa.....	15		37	.36		.09
Davenport, Iowa.....	19		42	.42		.31
Des Moines, Iowa.....	15		55	.23		.11
Keokuk, Iowa.....	21		47	.35		.27
Springfield, Ill.....	26		64	.51		.17
Cairo, Ill.....	34		67	.94		.31
St. Louis, Mo.....	29		60	.56	.25	

* The figures in these columns represent the accumulated excess or deficiency for the week. To obtain the average daily departure these should be divided by seven.

† Reports missing.

Table of temperature and rainfall, week ended January 22, 1892—Continued.

Locality.	Temperature in degrees Fahrenheit.			Rainfall in inches and hundredths.		
	Normal.	*Excess.	*Defic'ncy.	Normal.	Excess.	Deficiency.
Missouri Valley:						
Springfield, Mo.....	29		71	.49	.77	
Kansas City, Mo.....	24		49	.28		.05
Concordia, Kans.....	18		46	.24		.05
Omaha, Nebr.....	15		55	.14		.04
Valentine, Nebr.....	12	9		.14		.02
Huron, S. Dak.....	0	7		.07	.01	
Pierre, S. Dak.....	6	22		.14		.10
Extreme Northwest:						
Moorhead, Minn.....	5		14	.14	.18	
Bismarck, N. Dak.....	2		1	.13	.02	
Buford, Fort, N. Dak.....	0	16		.14		.04
Rocky Mountain Slope:						
Assiniboine, Fort, Mont.....	0	52		.25		.15
Helena, Mont.....	13	63		.35		.10
Salt Lake City, Utah.....	26		1	.35	.03	
Cheyenne, Wyo.....	22		15	.04	.35	
North Platte, Nebr.....	15		28	.09	.03	
Denver, Colo.....	25		21	.14		.06
Montrose, Colo.....	26		50	.14	.24	
Pueblo, Colo.....	27		33	.07	.07	
Dodge City, Kans.....	21		13	.07		.04
Abilene, Tex.†.....	41			.21		
Santa Fé, N. Mex.....	28		18	.14		.02
Pacific Coast:						
Olympia, Wash.....	37	21		1.89		1.87
Portland, Oreg.....	36	33		1.68		1.48
Roseburg, Oreg.....	39	14		1.54		1.31
Red Bluff, Cal.†.....	45			1.05		
Sacramento, Cal.†.....	45			.86		
San Francisco, Cal.....	50	39		1.12		1.12
Los Angeles, Cal.....	52	26		.63		.63
San Diego, Cal.†.....	53			.42		
Yuma, Ariz.†.....	54			.07		

*The figures in these columns represent the accumulated excess or deficiency for the week. To obtain the average daily departure these should be divided by seven.
 † Reports missing.

FOREIGN.

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

BAHAMAS—*Green Turtle Cay—Abaco.*—Two weeks ended December 30, 1891. Population, 3,680. Total deaths, 1.

Dunmore Town.—Two weeks ended December 31. Total deaths, 1.

Governor's Harbor.—Two weeks ended December 31, 1891. Total deaths, 1.

BRAZIL—*Santos.*—The United States consul at Santos reports, under date of December 12, that yellow fever and smallpox are prevailing in that city, and that he thinks the reports of deaths from these diseases are suppressed. He states that, in his opinion, the great cause of yellow fever is owing to the condition of the harbor. Twice each twenty-four hours the beach is exposed, containing the solids of the drainage of the city, and that the only remedy is to build a seawall to prevent the beach from being exposed to the sun.

CANADA—*Smallpox.*—The following report has been received :

BOARD OF HEALTH OF THE PROVINCE OF QUEBEC,
Montreal, January 21, 1892.

SIR: I beg to send you the following statement regarding the existence of smallpox in the province :

Counties.	Municipalities.	Cases since outbreak.	Deaths.	Recovered.	Still sick.	Houses infected since outbreak.	Houses presently infected.
.....	Quebec City.....	5	3	2	0	3	0
Bonaventure	Carleton.....	9	1	8	0	4	0
Do.....	Shoolbred and Nouvelle.	3	0	3	0	1	0
Rimouski.....	St. Damase.....	17	5	12	0	4	0
Do.....	Sandy Bay.....	6	0	5	1	3	1
Témiscouata	St. Paul de la Croix...	61	11	50	0	13	0
Do.....	St. Clément.....	8	0	8	0	2	0
Do.....	Ile-Verte.....	1	1	0	0	1	0
Gaspé.....	Pabos.....	6	1	5	0	2	0
Do.....	Newport.....	6	2	4	0	1	0
Quebec.....	La Jeune Lorette.....	4	0	4	0	1	0
Sherbrooke...	Ascot.....	10	4	6	0	2	0
Do.....	Sherbrooke City.....	14	4	8	2	6	1*
Richmond ...	Brompton	1	0	0	1	1	1

*The civic hospital.

Yours respectfully,

ELZÉAR PELLETIER,
Secretary.

COSTA RICA—*Punta Arenas—Yellow fever.*—Information has been received from the United States consul at San José, Costa Rica, through the Secretary of State, that yellow fever exists at Punta Arenas.

CUBA—*Havana*.—Under date of January 16, 1892, the United States sanitary inspector reports as follows :

There were 157 deaths in this city during the week ended January 14, 1892. Four of those deaths were caused by yellow fever, 5 by the grippe, 1 by enteric fever, 1 by bilious fever, 1 by paludal fever, and 2 by diphtheria and croup.

Santiago de Cuba.—Month of November, 1891. Total deaths, 52, including yellow fever, 1; scarlet fever, 1; diphtheria, 1; and phthisis pulmonalis, 13.

FRANCE.—Month of June, 1891. Reports from 100 cities, having an aggregate population of 7,454,204, show a total of 13,760 deaths, including phthisis pulmonalis, 1,861; smallpox, 80; enteric fever, 180; scarlet fever, 47; diphtheria, 98; measles, 317; and whooping cough, 98.

Month of July. Total deaths, 13,574, including phthisis pulmonalis, 1,832; enteric fever, 211; smallpox, 82; scarlet fever, 32; diphtheria, 286; measles, 226; and whooping cough, 99.

Month of August. Total deaths, 13,896, including phthisis pulmonalis, 1,795; enteric fever, 268; smallpox, 78; scarlet fever, 39; diphtheria, 255; measles, 154; and whooping cough, 105.

Month of September. Total deaths, 13,522, including phthisis pulmonalis, 1,699; enteric fever, 301; smallpox, 66; scarlet fever, 19; diphtheria, 224; measles, 90; and whooping cough, 86.

GREAT BRITAIN—*England and Wales*.—The deaths registered in 28 great towns of England and Wales during the week ended January 9 corresponded to an annual rate of 28.7 a thousand of the aggregate population, which is estimated at 9,405,108. The lowest rate was recorded in Croydon, viz, 15.7, and the highest in Brighton, viz, 39.2 a thousand.

London.—Two thousand six hundred and seventy-nine deaths were registered during the week, including measles, 82; scarlet fever, 17; diphtheria, 25; whooping cough, 153; enteric fever, 3; and diarrhoea and dysentery, 13. The deaths from all causes corresponded to an annual rate of 32.8 a thousand. Diseases of the respiratory organs caused 1,084 deaths. In greater London 3,388 deaths were registered, corresponding to an annual rate of 30.7 a thousand of the population. In the "outer ring" the deaths included whooping cough, 39; diphtheria, 10; and measles, 10.

Newcastle-upon-Tyne.—Two weeks ended December 26, 1891. Population, 187,500. Total deaths, 278, including enteric fever 1 and diphtheria 5.

Sunderland.—Two weeks ended December 26, 1891. Population, 130,921. Total number of deaths, 140, including 1 from enteric fever.

Scotland.—The deaths registered in 8 principal towns during the week ended January 9 corresponded to an annual rate of 24.9 a thousand of the population, which is estimated at 1,338,314. The lowest mortality was recorded in Greenoch, viz, 15.7, and the highest in Aberdeen, viz, 32.2 a thousand. The aggregate number of deaths registered from all causes was 694, including measles, 9; scarlet fever, 4; diphtheria, 8; whooping cough, 22; fever, 6; and diarrhoea, 9.

GUIANA—*Paramaribo.*—Month of November, 1891. Population, 28,221. Total deaths, 71. No deaths reported from contagious diseases.

INDIA—*Singapore.*—Month of November, 1891. Total deaths, 498, including 168 from "fever."

SWITZERLAND—*Zurich.*—Month of November, 1891. Population, 91,323. Total deaths, 146, including phthisis pulmonalis, 19; diphtheria and croup, 2; measles, 5; and whooping cough, 2.

TURKEY IN ASIA—*Syria—Cholera.*—The United States consul at Beirut reports 21 cases of cholera and 10 deaths therefrom during the week ended December 23, 1891, in the vilayets of Syria and Beirut.

WEST INDIES—*Jamaica.*—Under date of December 31, 1891, the United States deputy consul reports 1 case of yellow fever in the military hospital at Port Royal. The health of the island is reported as very satisfactory.

MORTALITY TABLE, FOREIGN CITIES.

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.
London.....	Jan. 2.	5,656,909	4,201					11	21	46	160	
London.....	Jan. 9.	5,656,909	3,385						20	35	92	
Paris.....	Jan. 2.	2,424,705	1,161					11	1	26	10	8
Vieana.....	Dec. 19.	1,378,530						3	4	41	23	3
Glasgow.....	Jan. 2.	669,143	320					5	3	4	4	15
Glasgow.....	Jan. 9.	669,143	308					2	3	5	9	10
Hamburg.....	Dec. 26.	570,534	343					4	1	4		
Liverpool.....	Jan. 2.	517,951	419				1	2	4	1		
Liverpool.....	Jan. 9.	517,951	358					4	1			
Buda-Pesth.....	Dec. 31.	507,000					5		19	14		
Buda-Pesth.....	Jan. 8.	507,000					1		10	13		
Brussels.....	Jan. 2.	482,158	241					1				
Warsaw.....	Dec. 26.	465,272	190			4		4	6	12		
Lyons.....	Jan. 2.	430,000	252					2	3	9		
Rome.....	Dec. 5.	417,392	161					3		5	3	
Cairo.....	Dec. 10.	374,838	311			2		6		2		2
Cairo.....	Dec. 17.	374,838	292			1		2				
Cairo.....	Dec. 24.	374,838	349			3		5				4
Munich.....	Dec. 19.	349,000	172				1			2	8	
Munich.....	Dec. 26.	349,000	167						5	7		
Copenhagen.....	Dec. 5.	320,000	150					1		8		
Copenhagen.....	Dec. 12.	320,000	199					1		13		
Copenhagen.....	Dec. 19.	320,000	221							7		
Copenhagen.....	Dec. 26.	320,000	204					1		11		
Copenhagen.....	Jan. 2.	320,000	280					1		11		
Odessa.....	Dec. 26.	295,000	131			3	1	5	1		1	
Cologne.....	Jan. 2.	289,955	147							12	9	2
Dresden.....	Dec. 19.	276,522	110					1	3	12		
Dresden.....	Dec. 26.	276,522	114							8		
Barcelona.....	Jan. 1.	272,000	258			4		15		14		
Edinburgh.....	Jan. 2.	261,970	115					1	3	2		
Edinburgh.....	Jan. 9.	261,970	122					1	1	1		
Belfast.....	Jan. 2.	255,896	185				1	2	2	3		
Alexandria.....	Dec. 10.	231,396	138			1		1		5		1
Alexandria.....	Dec. 17.	231,396	134			4		1		1	1	
Alexandria.....	Dec. 24.	231,396	151					1		1		1
Antwerp.....	Dec. 26.	230,096	157						1			
Antwerp.....	Jan. 2.	230,096	202							1		
Bristol.....	Jan. 9.	223,592	106									
Rotterdam.....	Jan. 9.	209,134	171					1		2		
Prague.....	Jan. 2.	182,530	130			3		4		3		
Frankfort-on-the-Main.....	Dec. 26.	180,000	63							6		
Frankfort-on-the-Main.....	Jan. 2.	180,000	49							5		
Trieste.....	Dec. 26.	158,054	136						3	8	7	
Trieste.....	Jan. 2.	158,054	119					1		7	8	
Ghent.....	Jan. 2.	153,740	149					1				
Nuremberg.....	Dec. 19.	149,507	64						2	2		
Nuremberg.....	Dec. 26.	149,507	51					1	1	2		
Stuttgart.....	Jan. 2.	139,659	55							5		
Stuttgart.....	Jan. 9.	139,659	45							7		
Funchal.....	Nov. 28.	133,250	19									
Funchal.....	Jan. 2.	133,250	34									
Bremen.....	Dec. 26.	126,000	37					1		1	3	
Bremen.....	Jan. 2.	126,000	68							7	1	
Stettin.....	Jan. 2.	116,500	59							2		
Havre.....	Dec. 26.	112,074	71					3		1		1
Havre.....	Jan. 2.	112,074	73					2		1	2	1
Catania.....	Jan. 3.	111,000	51						1	2		
Crefeld.....	Jan. 2.	108,000	70							2		
Crefeld.....	Jan. 9.	108,000	61							4		
Aix-la-Chapelle.....	Dec. 27.	106,146	45									
Aix-la-Chapelle.....	Jan. 3.	106,146	42									
Gothenburg.....	Dec. 26.	105,800	25									
Gothenburg.....	Jan. 2.	105,800	70									
Zurich.....	Dec. 26.	91,323	41				1		4	1	25	6
Zurich.....	Jan. 2.	91,323	35						2	6	24	
Mannheim.....	Jan. 2.	80,000	33							2		
Pará.....	Dec. 13.	80,000	35		4			5				
Pará.....	Dec. 20.	80,000	38		2		1	2				
Pará.....	Dec. 27.	80,000	34		1			3				
Pará.....	Jan. 3.	80,000	34		5			2				

MORTALITY TABLE, FOREIGN CITIES—Continued.

Cities.	Week ended.	Estimated population.	Total deaths from all causes.	Deaths from—								
				Cholera.	Yellow fever.	Smallpox.	Typhus fever.	Enteric fever.	Scarlet fever.	Diphtheria.	Measles.	Whooping cough.
Mayence	Dec. 26....	72,281	23								2	
Mayence	Jan. 2.....	72,281	31									
Leith	Jan. 2.....	69,933	33						1		1	
Leith	Jan. 9.....	69,933	34									
Matanzas	Jan. 13....	40,000	27									
Santos.....	Dec. 12....	35,000	57		33	3						
Gibraltar.....	Jan. 3.....	25,755	10								1	
Schiedam	Jan. 9.....	25,437	11									
Vera Cruz.....	Jan. 15....	25,000						4				
Kingston, Can.	Jan. 16....	19,264	5									
Sagua la Grande.	Jan. 9.....	18,109	10									
Rio Grande do Sul.	Nov. 7.....	17,000	12			2						
Rio Grande do Sul.	Nov. 14....	17,000	11									
Rio Grande do Sul.	Nov. 21....	17,000	12									
Rio Grande do Sul.	Nov. 28....	17,000	11									
Hamilton, Bermuda	Jan. 18....	15,013	2									
Flushing.....	Jan. 9.....	13,200	7									
St. Thomas, W. I.	Dec. 25....	12,019	32									
St. Thomas, W. I.	Jan. 1.....	12,019	38									
Matamoras.....	Jan. 8.....	12,000	4									
Matamoras.....	Jan. 15....	12,000	7									
Sonneberg.....	Jan. 2.....	12,000	8								1	
Guelph.....	Jan. 16....	10,539	6								2	
Queenstown.....	Jan. 9.....	10,340	5									
Queenstown.....	Jan. 16....	10,340	9									
Chatham.....	Jan. 16....	10,000	3									
Sarnia.....	Jan. 16....	6,600	1									
Coaticook.....	Jan. 16....	3,082	3								1	
Amherstburg.....	Jan. 16....	2,260	1									

OFFICIAL :

WALTER WYMAN,

Supervising Surgeon-General Marine-Hospital Service.