

# ABSTRACT OF SANITARY REPORTS.

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## UNITED STATES.

### SPECIAL REPORTS.

*Correction of newspaper report relative to disinfection of the Norwegian bark "Africa" at Gulf Quarantine.*—Under date of March 25, 1892, Assistant Surgeon Guiteras, in command of the Gulf Quarantine Station, writes as follows :

In reply to your communication of the 19th instant, inclosing clipping from the *New York World*, relative to the clothing of the deceased captain and sailors of the bark *Africa* having been found on board the vessel at Pensacola, I have the honor to report that the acting captain of the *Africa*, Iversen, stated to me, on my first inspection of the vessel, that the above-named clothing was destroyed, and he reaffirms this in the telegram which I inclose herewith. After having obtained this statement from the captain, the vessel, clothing, bedding, etc., were duly fumigated with sulphur dioxide, the ballast removed, and the hold, fore-castle, and cabin washed with solution of mercury bichloride. The vessel was not detained longer than the usual time, but she remained at Chandeaur about five weeks awaiting orders.

\* \* \* \* \*

*Infected vessels at South Atlantic Quarantine.*—The following report has been received from Acting Assistant Surgeon Disney, under date of March 23, 1892 :

I have the honor to report the arrival and inspection to-day of two infected vessels at this station.

Norwegian bark *Prosit*, from Santos via Barbados, in ballast to Tybee for orders. She lay six months at Santos. Two of her men died in hospital there of yellow fever ; they were sick when they were removed from the vessel. There has been no sickness aboard since. All appeared well on inspection. She will be unballasted and disinfected.

Norwegian bark *Wayfarer*, from Santos in ballast to Tybee for orders. Of the crew that sailed her into Santos the captain, second mate, and cook died there of yellow fever. At sea one man died after an illness of forty-eight hours only, his symptoms, as stated by the present captain, answering to those of yellow fever. This vessel is undoubtedly infected, and will be detained and receive careful treatment as such.

*Cerebro-spinal meningitis in Louisiana.*—Under date of March 27, 1892, Acting Assistant Surgeon Booth, in charge of the Marine-Hospital Service at Shreveport, reports an epidemic of cerebro-spinal meningitis prevailing on Red River, twenty-five miles below Shreveport, of a very fatal type. Mortality, about 90 per cent.

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

MICHIGAN.—Week ended March 19, 1892. Reports to the State board of health, Lansing, indicate that diphtheria, measles, typhoid fever, diarrhea, and membranous croup increased, and that inflammation of bowels, dysentery, puerperal fever, whooping cough, and cholera morbus decreased in area of prevalence.

Diphtheria was reported present during the week at 38 places, scarlet fever at 59, enteric fever at 24, and measles at 10 places.

*Detroit.*—Month of February, 1892. Population, 205,876. Total deaths, 337, including phthisis pulmonalis, 24; influenza, 12; enteric fever, 4; scarlet fever, 20; and diphtheria, 20.

MISSOURI—*Kansas City.*—Month of February, 1892. Population, 132,716. Total deaths, 144, including phthisis pulmonalis, 20; enteric fever, 1; scarlet fever, 2; diphtheria, 1; and whooping cough, 2.

TENNESSEE.—Month of February, 1892. Reports to the State board of health indicate that the principal prevailing diseases during the month, named in the order of their greater prevalence, were pneumonia, la grippe, measles, tonsilitis, enteric fever, rheumatism, scarlet fever, and consumption. Phthisis pulmonalis was reported in 7 counties, influenza in 19 counties, enteric fever in 8 counties, measles in 10 counties, whooping cough in 3 counties, scarlet fever in 5 counties, diphtheria in 4 counties, mumps in 1 county, and chickenpox in 1 county.

Total number of deaths during the month, 395, including phthisis pulmonalis, 70; enteric fever, 4; diphtheria and croup, 4; scarlet fever, 1; and whooping cough, 2.

UTAH—*Salt Lake City.*—Month of January, 1892. Population, 44,843. Total deaths, 70, including influenza, 7; scarlet fever, 2; diphtheria, 8; and croup, 2.

Month of February. Total deaths, 64, including phthisis pulmonalis, 5; influenza, 6; enteric fever, 2; diphtheria, 6; croup, 2; and whooping cough, 2.

*Publication received.*

Transactions of the medical and chirurgical faculty of the State of Maryland, semi-annual session, held at Cambridge, Md., November, 1890.



Table of temperature and rainfall, week ended March 25, 1892.

[Received from Department of Agriculture, Weather Bureau.]

Locality.	Temperature in degrees Fahrenheit.			Rainfall in inches and hundredths.		
	Normal.	*Excess.	*Defic'ncy.	Normal.	Excess.	Deficiency.
<b>New England States:</b>						
Eastport, Me.....	30	4		1.10	1.01	
Portland, Me.....	32		12	.72	.07	
Boston, Mass.....	36		12	.98		.34
Block Island, R. I.....	36		16	.91		.38
<b>Middle Atlantic States:</b>						
Albany, N. Y.....	35		26	.63		.32
New York, N. Y.....	39		27	.91		.80
Philadelphia, Pa.....	41		25	.70		.49
Atlantic City, N. J.....	39		29	.91		.69
Baltimore, Md.....	44		44	.90		.74
Washington, D. C.....	43		39	.97		.87
Lynchburg, Va.....	47		38	.84		.57
Norfolk, Va.....	48		38	1.06		.55
<b>South Atlantic States:</b>						
Charlotte, N. C.....	52		40	1.05		.36
Wilmington, N. C.....	55		42	.95		.68
Charleston, S. C.....	58		28	.91	.73	
Augusta, Ga.....	57		33	1.19	1.26	
Javannah, Ga.....	60		27	.84	1.24	
Jacksonville, Fla.....	63		20	.70		.70
Key West, Fla.†.....	73			.26		
<b>Gulf States:</b>						
Atlanta, Ga.....	54		39	1.86	.28	
Pensacola, Fla.....	62		38	1.26		.74
Mobile, Ala.....	61		35	1.82	2.13	
Montgomery, Ala.....	59		32	1.38	7.60	
Vicksburg, Miss.....	60		34	1.47	2.16	
New Orleans, La.....	64		22	1.33	.01	
Shreveport, La.....	60		42	1.06		.42
Fort Smith, Ark.....	54		41	.63	.85	
Little Rock, Ark.....	55		43	1.01	.31	
Palestine, Tex.....	61		47	.98	.76	
Galveston, Tex.....	64		27	.70	.10	
San Antonio, Tex.†.....	64			.52		
Corpus Christi, Tex.....	65		27	.35		.20
Brownsville, Tex.....	69		20	.35	.55	
<b>Ohio Valley and Tennessee:</b>						
Memphis, Tenn.....	54		36	1.26		.01
Nashville, Tenn.....	50		55	1.19		.29
Chattanooga, Tenn.....	52		19	1.42		.67
Knoxville, Tenn.....	49		19	1.26		.85
Louisville, Ky.....	47		48	.94	.24	
Indianapolis, Ind.....	42		39	.90		.40
Cincinnati, Ohio.....	44		47	.77		.13
Columbus, Ohio.....	40		18	.70		.17
Pittsburg, Pa.....	41		32	.65		.31
<b>Lake Region:</b>						
Oswego, N. Y.....	31		20	.62	.14	
Rochester, N. Y.....	32		3	.70		.23
Buffalo, N. Y.....	31		22	.61	.06	
Erie, Pa.....	34		23	.63	.09	
Cleveland, Ohio.....	35		20	.63	.11	
Sandusky, Ohio.....	36		16	.56	.28	
Toledo, Ohio.....	36		25	.49	.17	
Detroit, Mich.....	36		24	.56	.23	
Port Huron, Mich.....	31		7	.64		.21
Alpena, Mich.....	25	3		.45		.21
Marquette, Mich.....	24		6	.34	.74	
Grand Haven, Mich.....	33		15	.56		.01
Milwaukee, Wis.....	31		1	.56		.32
Chicago, Ill.....	34		14	.58		.04
Duluth, Minn.....	26		41	.35	.26	
<b>Upper Mississippi Valley:</b>						
St. Paul, Minn.....	31		29	.32		.08
La Crosse, Wis.....	34		27	.36		.14
Dubuque, Iowa.....	36		39	.54		.22
Davenport, Iowa.....	37		37	.49	.33	

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

Table of temperature and rainfall, week ended March 25, 1892—Continued.

Locality.	Temperature in degrees Fahrenheit.			Rainfall in inches and hundredths.		
	Normal.	*Excess.	*Deficiency.	Normal.	Excess.	Deficiency.
<b>Upper Mississippi Valley—Cont'd.</b>						
Des Moines, Iowa.....	38		54	.31	.15	
Keokuk, Iowa.....	40		43	.49	.67	
Springfield, Ill.....	42		53	.56	.85	
Cairo, Ill.....	49		48	.84	.16	
St. Louis, Mo.....	46		51	.70		.17
<b>Missouri Valley:</b>						
Springfield, Mo.....	47		48	.75	.39	
Kansas City, Mo.....	42		74	.46	.56	
Concordia, Kans.....	42		57	.49		.24
Omaha, Nebr.....	39		59	.37		.13
Valentine, Nebr.....	36		78	.28	.36	
Huron, S. Dak.....	33		65	.14	.52	
Pierre, S. Dak.....	34		35	.14	.10	
<b>Extreme Northwest:</b>						
Moorhead, Minn.....	24	14		.16	.02	
Bismarck, N. Dak.....	27	17		.21	.18	
Buford, Fort, N. Dak.....	28	2		.10		.10
<b>Rocky Mountain Slope:</b>						
Assiniboine, Fort, Mont.....	33	8		.14		.04
Helena, Mont.....	36		14	.14	.06	
Salt Lake City, Utah.....	44		22	.42	.25	
Cheyenne, Wyo.....	37		62	.14	.05	
North Platte, Nebr.....	39		84	.21	.11	
Denver, Colo.....	42		66	.14	.05	
Montrose, Colo.....	43		44	.10	.50	
Pueblo, Colo.....	44		91	.12	.09	
Dodge City, Kans.....	46		104	.21	.09	
Abilene, Tex.....	58		36	.35	1.21	
Santa Fé, N. Mex.....	42		22	.19		.10
<b>Pacific Coast:</b>						
Olympia, Wash.....	46	18		1.06		.72
Portland, Oreg.....	50		8	1.22		.72
Roseburg, Oreg.....	50		10	.70		.40
Red Bluff, Cal. †.....	56			.77		
Sacramento, Cal.....	57		18	.70		.58
San Francisco, Cal.....	55		20	.70		.50
Los Angeles, Cal.....	58		19	.83		.63
San Diego, Cal. †.....	57			.28		
Yuma, Ariz. †.....	66			.00		

\* The figures in these columns represent the accumulated excess or deficiency of 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.)

AUSTRALIA—*Melbourne and suburbs*.—Month of December, 1891. Population, 490,902. Total deaths, 897, including phthisis pulmonalis, 65; influenza, 16; enteric fever, 17; diphtheria, 10; and whooping cough, 16.

BRAZIL—*Maceio*.—Month of September, 1891. Population, 17,000. Total deaths, 53. No deaths reported from contagious disease.

CHINA—*Hongkong*.—Month of January, 1892. Total deaths, 388, including 49 from phthisis pulmonalis.

CUBA—*Havana*.—The United States sanitary inspector, under date of March 19, 1892, reports as follows:

There were 133 deaths in this city during the week ended March 17, 1892.

Two of those deaths were caused by so-called pernicious fever, 3 by enteric fever, and 1 by diphtheria.

No deaths from yellow fever or the influenza are reported during the week.

GREAT BRITAIN—*England and Wales*.—The deaths registered in 33 great towns of England and Wales during the week ended March 12 corresponded to an annual rate of 22.9 a thousand of the aggregate population, which is estimated at 10,185,736. The lowest rate was recorded in Newcastle-upon-Tyne, viz, 16.5, and the highest in Swansea, viz, 32.8 a thousand.

*London*.—One thousand eight hundred and eight deaths were registered during the week, including measles, 54; scarlet fever, 4; diphtheria, 34; whooping cough, 89; enteric fever, 5; and diarrhea and dysentery, 20. The deaths from all causes corresponded to an annual rate of 22.1 a thousand. Diseases of the respiratory organs caused 454 deaths. In greater London 2,253 deaths were registered, corresponding to an annual rate of 20.4 a thousand of the population. In the "outer ring" the deaths included diphtheria, 8; whooping cough, 13; and measles, 12.

*Newcastle-upon-Tyne*.—Two weeks ended March 5, 1892. Population, 192,205. Total deaths, 152, including diphtheria 2 and enteric fever 1.

*Sunderland*.—Two weeks ended March 5, 1892. Population, 132,839. Total deaths, 99, including scarlet fever 1.

*Ireland*.—The average annual death rate represented by the deaths registered during the week ended March 12, in the 16 principal town

districts of Ireland, was 22.9 a thousand of the population. The lowest rate was recorded in Dundalk, viz, 0.0, and the highest in Drogheda, viz, 65.9 a thousand. In Dublin and suburbs 238 deaths were registered, including measles 12 and whooping cough 6.

*Scotland.*—The deaths registered in 8 principal towns during the week ended March 12 corresponded to an annual rate of 22.6 a thousand of the population, which is estimated at 1,447,584. The lowest mortality was recorded in Paisley, viz, 13.0, and the highest in Aberdeen, viz, 28.1 a thousand. The aggregate number of deaths registered from all causes was 629, including measles, 16; scarlet fever, 8; diphtheria, 7; whooping cough, 29; and fever, 6.

**MALTA AND GOZO.**—Two weeks ended January 15, 1892. Total deaths, 174, including smallpox, 12; enteric fever, 4; and diphtheria, 3.

**RUSSIA**—*Riga.*—Month of January, 1892. Population, 200,000. Total deaths, 448, including phthisis pulmonalis, 51; smallpox, 1; typhus fever, 11; scarlet fever, 32; diphtheria and croup, 5; measles, 2; and whooping cough, 5.

**UNITED STATES OF COLOMBIA**—*Barranquilla*—*English vessels bound for New Orleans refuse bills of health.*—The following has been received from the United States consul through the State Department, dated March 4, 1892:

There are a number of English ships which call at this port en route to New Orleans. Heretofore most of them have taken either a bill of health or visa. To-day I was shown a letter from a Liverpool company directing their agents here to refuse both bill of health and visa. That neither was necessary was shown, they claimed, by the fact that neither the customs nor health officers at New Orleans ever required them to exhibit such documents; that they were required to show a bill of health from the last port of call only.

It is needless to say that no ship which touches a port on this coast should be permitted to enter our harbor without a clean bill of health or visa from every port touched. There is not a port on this coast which is not *very liable* to yellow fever at any and all times.

I have complied with the consular regulations, sections 336-7, but I am boldly told by the agents and officers of their English lines that they care nothing for those warnings; that the health officers at New Orleans let them off.

I humbly suggest that the proper officers be instructed to, in some way, see that our regulations be not ignored and defied.

I am confident that it is the purpose of every English line calling at this port to refuse to obey the regulations referred to. To require bills of health from the last ports of call only, in many instances, renders the whole thing a farce, because there is just as much reason to fear the sanitary condition of one of the ports as the others; in fact, there is danger from every one of them. But, aside from these considerations, these vessels ought to be made to understand that they can not with impunity defy our port regulations and endanger the health of

our cities. I think these vessels should be required to furnish the health or customs officers at our ports a list of the places touched on this unhealthy coast with a bill of health or visa from each, provided we have a consul there, and upon failure to remain in quarantine a reasonable time. This will teach them to respect our laws.

WEST INDIES—*Trinidad*.—Three weeks ended March 12, 1892. Population, 189,566. Total deaths, 86, including 1 from diphtheria.

*Cholera in Syria.*

[Translated for this Bureau from *La Revue Médico-Pharmaceutique*, Constantinople, February 29, 1892.]

The epidemic of cholera in Syria has finally disappeared from the localities in which it prevailed during the past year. It has numbered 6,461 victims. There were 1,659 choleraic deaths in the vilayet of Aleppo from June 9 to November 9, 1891; 3,176 in the vilayet of the Hedjaz during the months of July and August, 1891; 818 in the vilayet of Yemen during the months of October, November, and December, 1891; 801 in the vilayet of Damascus from October 18, 1891, to January 7, 1892, and 7 at Zor from November 29 to December 18, 1891. Statistics of choleraic deaths at Beirut have not yet been received.

MORTALITY TABLE, FOREIGN CITIES.

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.
Paris.....	Mar. 5.....	2,424,705	1,063					5	6	40	21	
Vienna.....	Feb. 20.....	1,364,548	841			4		3	11	39	24	7
Glasgow.....	Mar. 5.....	669,143	320					6	3	6		
Hamburg.....	Feb. 27.....	570,534	272					3	2	3		
Buda-Pesth.....	Mar. 4.....	507,000					3		6	15		
Brussels.....	Mar. 5.....	482,158	215		1				1			
Warsaw.....	Mar. 8.....	465,272	227		2			3	3	9		
Rome.....	Feb. 6.....	436,179	311								3	1
Rome.....	Feb. 13.....	436,179	267					2		1		
Lyons.....	Mar. 5.....	430,000	193									
Cairo.....	Feb. 25.....	374,838	260		1			7		2		1
Munich.....	Feb. 27.....	366,000	211						2	7		
Dresden.....	Mar. 5.....	286,200	128						1	7		
Barcelona.....	Mar. 4.....	272,000	253			6		1		6		
Palermo.....	Mar. 5.....	250,000	110					1				
Antwerp.....	Mar. 5.....	241,263	93					2		2		
Alexandria.....	Feb. 25.....	231,396	181			1						
Belfast.....	Mar. 5.....	225,922	164					1	2	1		
Bristol.....	Mar. 12.....	223,592	93					3	11			
Rotterdam.....	Mar. 12.....	216,678	127									
Hanover.....	Feb. 27.....	185,200	58							4		
Prague.....	Mar. 5.....	182,887	141			2		3		3		
Genoa.....	Mar. 5.....	181,342	115			3	2			1		
Genoa.....	Mar. 12.....	181,342	109			3	1		1		1	
Frankfort-on-the-Main.....	Mar. 5.....	180,000	91						1	7		
Venice.....	Feb. 27.....	161,130	86							3		
Venice.....	Mar. 5.....	161,130	79							4		
Trieste.....	Mar. 5.....	158,054	87					1		7		
Christiania.....	Feb. 27.....	151,130	74							1		
Christiania.....	Mar. 5.....	151,130	84							1		
Ghent.....	Feb. 27.....	150,208	66			3		1				
Ghent.....	Mar. 5.....	150,208	52					1			1	1
Nuremberg.....	Feb. 27.....	149,507	99						3	2		
Stuttgart.....	Feb. 27.....	139,659	51							5		



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.	Menses.	Whooping cough.
Stuttgart	Mar. 12	139,659	46							7		
Funchal	Mar. 5	133,250	23									
Bremen	Mar. 5	126,000	60							1	2	
Havre	Mar. 5	116,369	63						2			1
Crefeld	Mar. 12	108,000	89									
Aix-la-Chapelle	Mar. 6	106,356	44									
Gothenburg	Mar. 5	105,800	30									
Rheims	Feb. 27	105,408	47			1				1	1	
Rheims	Mar. 5	105,408	46							1	1	2
Rheims	Mar. 12	105,408	52			3				1	1	
Leghorn	Mar. 6	103,395	68					1		1	1	
Leghorn	Mar. 13	103,395	50									
Zurich	Mar. 5	91,323	40						6	10	16	2
Mannheim	Mar. 5	80,000	36							1		
Pará	Feb. 7	80,000	50		3							
Pará	Feb. 14	80,000	50		3			2				
Pará	Feb. 21	80,000	54		4			3				
Pará	Feb. 28	80,000	33		3			4				
Pará	Mar. 6	80,000	39		3			1				
Mayence	Mar. 5	72,281	33								1	
Mayence	Mar. 12	72,281	45								2	3
Jerez de la Frontera	Mar. 5	61,708	37									
Georgetown, Demerara	Feb. 27	53,176	77									
Georgetown, Demerara	Mar. 5	53,176	71					1				
Trapani	Mar. 5	43,095	18									
Marsala	Mar. 5	40,131	13									
Guayaquil	Feb. 28	40,000	38		5			11				
Matanzas	Mar. 16	40,000	11									
Curacao	Mar. 12	26,245	5									
Gibraltar	Mar. 6	25,755	10									
Schiedam	Mar. 12	25,437	12									
Cartagena	Feb. 28	25,000	10									
Vera Cruz	Mar. 18	25,000	9						2			
Girgenti	Mar. 5	23,547	12				1					
Lucerne	Feb. 29	20,900	37						1	6		
Sagua la Grande	Mar. 12	18,109	16									
Victoria	Mar. 5	16,841	6									
Victoria	Mar. 12	16,841	7									
Antigua	Feb. 27	16,664	15									
Antigua	Mar. 5	16,664	14									
Hamilton, Bermuda	Mar. 21	15,013	3									
Flushing	Mar. 12	14,000	7									
La Guayra	Mar. 5	14,000	4									
La Guayra	Mar. 12	14,000	2									
St. Thomas, W. I.	Feb. 19	12,019	57									
St. Thomas, W. I.	Feb. 19	12,019	62									
St. Thomas, W. I.	Feb. 26	12,019	66									
St. Thomas, W. I.	Mar. 4	12,019	64									
Matamoros	Mar. 18	12,000	7									
Sonneberg	Mar. 5	12,000	6									
Quelph	Mar. 19	10,539	3									
Queenstown	Mar. 5	10,340	7									
Queenstown	Mar. 12	10,340	2									
Queenstown	Mar. 19	10,340	4									
Tuxpan	Feb. 27	10,280	5									
Tuxpan	Mar. 5	10,280	12									
Chatham, Ont.	Mar. 12	10,000	1									
Chatham, Ont.	Mar. 19	10,000	2									
Tampico	Mar. 13	8,048	11									
Sarnia	Mar. 12	6,600	1									
Clifton	Mar. 12	3,249	1									
Coaticook	Mar. 19	3,082	1									
Amherstburg	Mar. 12	2,260	1									

OFFICIAL :

WALTER WYMAN,

Supervising Surgeon-General Marine Hospital Service.