

# ABSTRACT OF SANITARY REPORTS.

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## UNITED STATES.

### SPECIAL REPORTS.

#### *Cholera—Transshipment of wool from infected districts.*

The acting United States vice-consul at Beirut, Syria, reports that on October 23 the English steamer *Arcadia* loaded 70 bales of unwashed wool, marked B B, destined for Boston, Mass., via Liverpool.

#### *Leprosy.*

A few of the more typical cases of leprosy in the Leper Hospital in Havana, Cuba, have been photographed and are now on exhibition at this Bureau. These photographs, together with those sent by the consul at Maracaibo, form a complete collection, which health officers may consult at their convenience.

#### *Small-pox.*

Under date of December 4, the United States consul at Piedras Negras, Mexico, reported to the State Department that small-pox had greatly increased there. The consul states that it is epidemic, and that he counted eighteen yellow flags in the immediate vicinity of the consulate.

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

IOWA—*Dubuque*.—Month of November, 1890. Population 35,000. Total deaths, 24, including phthisis pulmonalis, 1; diphtheria and croup, 3; and enteric fever, 1.

KENTUCKY—*Louisville*.—Month of November, 1890. Population, 227,000. Total deaths, 203, including phthisis pulmonalis, 47; enteric fever, 14; scarlet fever, 7; and diphtheria, 8.

MICHIGAN.—Week ended December 13, 1890. Reports to the State board of health, Lansing, from 60 observers, indicate that bronchitis,



Table of temperature and rain-fall, week ended December 19, 1890.

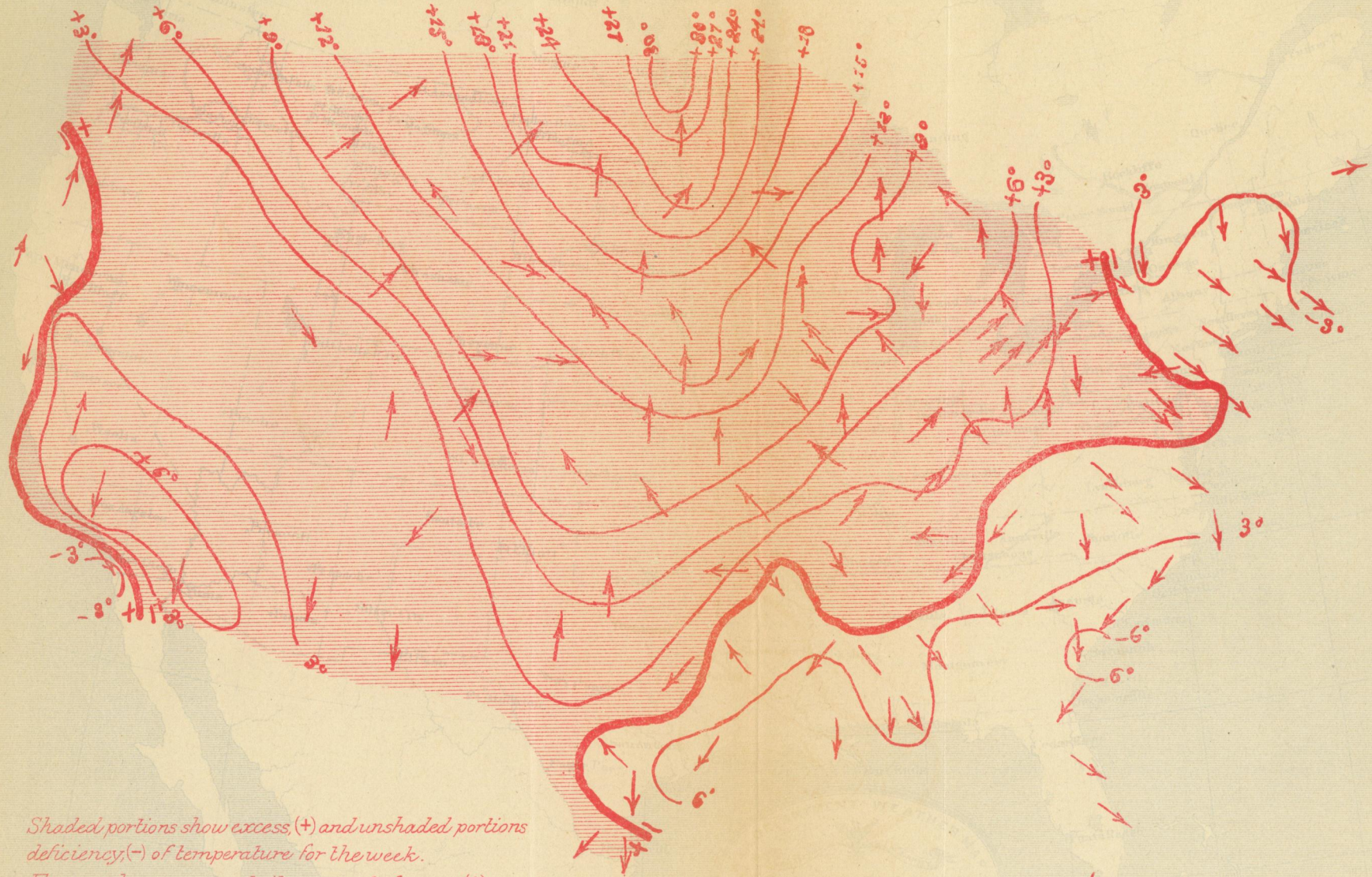
[Received from War Department, Signal Office.]

Locality.	Mean temperature in degrees Fahrenheit.			Rain-fall in inches and hundredths.		
	Normal.	Excess	Deficiency.	Normal.	Excess.	Deficiency.
<b>New England States:</b>						
Eastport, Me.....	23		32	.94		.36
Portland, Me.....	22		18	.73	.67	
Boston, Mass.....	30		17	.80	.51	
Block Island, R. I.....	33	-10		.91	.25	
<b>Middle Atlantic States:</b>						
Albany, N. Y.....	27		5	.58	.38	
New York, N. Y.....	33		1	.73	1.19	
Philadelphia, Pa.....	34		3	.59	.33	
Atlantic City, N. J.....	35	3		.98	.38	
Baltimore, Md.....	37	2		.69	.50	
Washington City.....	36	5		.69	1.12	
Lynchburg, Va.....	39		1	.86	2.28	
Norfolk, Va.....	42		12	.90		.19
<b>South Atlantic States:</b>						
Charlotte, N. C.....	42		17	1.19		.21
Wilmington, N. C.....	48		24	.84		.72
Charleston, S. C.....	51		33	.83		.67
Augusta, Ga.....	47		22	.85		.65
Savannah, Ga.....	53		48	.80		.50
Jacksonville, Fla.....	56		31	.75		.50
Key West, Fla.....	70		18	.40		.40
<b>Gulf States:</b>						
Atlanta, Ga.....	44		23	1.20		.66
Pensacola, Fla.....	52		11	1.16		1.00
Mobile, Ala.....	51		12	1.06		1.06
Montgomery, Ala.....	49		17	1.16		1.16
Vicksburg, Miss.....	50		21	1.23		1.23
New Orleans, La.....	55		24	1.10		1.10
Shreveport, La.....	49		12	1.15		1.15
Port Smith, Ark.....	39	27		.56		.56
Little Rock, Ark.....	43		7	1.01		1.01
Palestine, Tex.....	47	16		.70		.70
Galveston, Tex.....	57		22	1.04		.98
San Antonio, Tex.....	54		5	.41		.37
Corpus Christi, Tex.....	57		20	.70		.70
Brownsville, Tex.....	61	11		.46		.46
Rio Grande City, Tex.....	57	10		.25		.25
<b>Ohio Valley and Tennessee:</b>						
Memphis, Tenn.....	42	3		.88		.88
Nashville, Tenn.....	40		3	.84		.80
Chattanooga, Tenn.....	41	3		1.20		.94
Knoxville, Tenn.....	37		7	1.02		.54
Louisville, Ky.....	36	25		.98		.66
Indianapolis, Ind.....	31	32		.76		.33
Cincinnati, Ohio.....	35	13		.84		.77
Columbus, Ohio.....	30	27		.86		.48
Pittsburgh, Pa.....	32	13		.64	2.00	
<b>Lake Region:</b>						
Oswego, N. Y.....	29		36	.81		.71
Rochester, N. Y.....	27		4	.66		.51
Buffalo, N. Y.....	28	1		.77		.67
Erie, Pa.....	30	6		.78		.63
Cleveland, Ohio.....	29	28		.62		.52
Sandusky, Ohio.....	31	17		.63		.41
Toledo, Ohio.....	29	27		.58		.36
Detroit, Mich.....	27	23		.62		.51
Port Huron, Mich.....	24	40		.55		.45
Alpena, Mich.....	21	43		.54		.49
Marquette, Mich.....	19	69		.48		.28
Grand Haven, Mich.....	27	48		.57		.49
Milwaukee, Wis.....	22	70		.43		.38
Chicago, Ill.....	27	56		.51		.41
Duluth, Minn.....	14	120		.29		.29
<b>Upper Mississippi Valley:</b>						
St. Paul, Minn.....	15	111		.29		.28
La Crosse, Wis.....	20	73		.28		.08
Davenport, Iowa.....	25	69		.37		.27
Des Moines, Iowa.....	22	104		.34		.34
Dubuque, Iowa.....	23	58		.42		.32
Keokuk, Iowa.....	27	74		.49		.49
Springfield, Ill.....	29	52		.66		.56
Cairo, Ill.....	37	15		.80		.68
St. Louis, Mo.....	33	41		.55		.47

Table of temperature and rain-fall, week ended December 19, 1890—Continued.

Locality.	Mean temperature in degrees Fahrenheit.			Rain-fall in inches and hundredths.		
	Normal.	Excess.	Deficiency.	Normal.	Excess.	Deficiency.
<b>Missouri Valley:</b>						
Kansas City, Mo.....	30	79	.....	.35	.....	.35
Springfield, Mo.....	33	55	.....	.35	.....	.35
Concordia, Kan.....	30	69	.....	.14	.....	.14
Omaha, Nebr.....	24	107	.....	.24	.....	.24
Yankton, Dak.....	21	110	.....	.16	.....	.16
Valentine, Nebr.....	24	92	.....	.09	.....	.09
Huron, Dak.....	19	96	.....	.07	.....	.07
<b>Extreme Northwest:</b>						
Moorhead, Minn.....	6	176	.....	.14	.....	.14
Saint Vincent, Minn.....	3	205	.....	.14	.....	.14
Bismarck, Dak.....	14	132	.....	.18	.....	.18
Buford, Fort, Dak.....	11	151	.....	.19	.....	.19
<b>Rocky Mountain Slope:</b>						
Assiniboine, Fort, Mont.....	23	91	.....	.14	.....	.14
Helena, Mont.....	23	65	.....	.28	.....	.20
Custer, Fort, Mont.....	22	90	.....	.22	.....	.22
Rapid City, Dak.....	23	104	.....	.07	.....	.07
Salt Lake City, Utah.....	34	14	.....	.32	.....	.32
Cheyenne, Wyo.....	27	66	.....	.04	.....	.04
North Platte, Nebr.....	26	72	.....	.16	.....	.16
Dodge City, Kans.....	32	70	.....	.17	.....	.17
Sill, Fort, Ind. T.....	38	51	.....	.43	.....	.43
Santa Fe, N. Mex.....	30	14	.....	.18	.....	.18
<b>Pacific Coast:</b>						
Olympia, Wash.....	40	28	.....	2.17	.....	.39
Portland, Oreg.....	41	11	.....	1.89	.....	.44
Roseburg, Oreg.....	42	.....	2	1.45	.....	.67
Red Bluff, Cal.....	47	.....	16	1.14	42	.....
Sacramento, Cal.....	47	.....	35	.91	.....	.51
San Francisco, Cal.....	51	.....	12	1.07	.....	.65
Los Angeles, Cal.....	55	45	.....	.73	.....	.49
San Diego, Cal.....	56	30	.....	.47	.....	.47
Yuma, Ariz.....	56	46	.....	.09	.....	.09

*Temperature and Prevailing Direction of Wind, week ending  
December 19<sup>th</sup> 1890.*



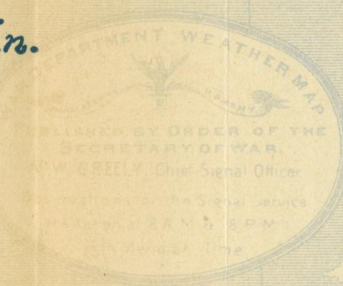
*Shaded portions show excess (+) and unshaded portions  
deficiency, (-) of temperature for the week.*

*Figures show average daily amount of excess, (+) or  
deficiency, (-) in temperature over areas bounded by light  
lines.*

Rainfall, week ending December 19<sup>th</sup>, 1890.



Shaded portions show excess, (+) and unshaded portions deficiency, (-) in rainfall for the week.  
Figures show, in inches, amount of actual rainfall over areas bounded by light lines.



## FOREIGN.

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

**GREAT BRITAIN—*England and Wales.***—The deaths registered in 28 great towns of England and Wales during the week ended December 6 corresponded to an annual rate of 21.5 a thousand of the aggregate population, which is estimated at 9,715,559. The lowest rate was recorded in Brighton, viz, 16.0, and the highest in Halifax, viz, 29.9 a thousand. Diphtheria caused 5 deaths in Salford, 6 in Manchester, 2 in Birmingham, 3 in Portsmouth, and 2 in Liverpool.

*London.*—One thousand seven hundred and thirty-three deaths were registered during the week, including measles, 91; scarlet fever, 28; diphtheria, 41; whooping-cough, 28; enteric fever, 16; typhus fever, 1; and diarrhoea and dysentery, 4. The deaths from all causes corresponded to an annual rate of 20.2 a thousand. Diseases of the respiratory organs caused 444 deaths. In greater London 2,226 deaths were registered, corresponding to an annual rate of 20.2 a thousand of the population. In the "outer ring" the deaths included measles, 42; diphtheria, 11; fever, 5; and whooping-cough, 10.

*Ireland.*—The average annual death rate, represented by the deaths registered during the week ended December 6, in the 16 principal town districts of Ireland, was 25.6 a thousand of the population. The lowest rate was recorded in Dundalk, viz, 4.4, and the highest in Lurgan, viz, 51.3 a thousand. In Dublin and suburbs 201 deaths were registered, including enteric fever 4 and whooping-cough 4.

*Scotland.*—The deaths registered in eight principal towns during the week ended December 6 corresponded to an annual rate of 22.1 a thousand of the population, which is estimated at 1,345,563. The lowest mortality was recorded in Edinburgh, viz, 18.2, and the highest in Paisley, viz, 21.1 a thousand. The aggregate number of deaths registered from all causes was 571, including measles, 11; scarlet fever, 10; diphtheria, 9; whooping-cough, 20; fever, 4; diarrhoea, 10; and croup and laryngitis, 9.

**FRANCE—*Marseilles.***—Month of November, 1890. Population, 375,378. Total deaths, 118, including small-pox, 62; enteric fever, 36; diphtheria and croup, 109; measles, 7; and whooping-cough, 1.

**CUBA—*Havana.***—The United States sanitary inspector sends the following mortality report, dated December 13, 1890:

There were 125 deaths in this city during the week ending December 11. Although there were approximately 4 new cases of yellow fever

during that period, there were no deaths from that disease, but there was 1 death from so-called pernicious fever, 1 from paludal fever, and 4 from diphtheria and croup. The weather continues cool and pleasant.

NETHERLANDS.—Month of September, 1890. Reports from the 12 principal cities, having an aggregate population of 928,905, show a total of 1,819 deaths, including typhus and enteric fevers, 10; scarlet fever, 1; measles, 37; croup, 12; diphtheria, 21; and whooping-cough, 33.

TURKEY IN ASIA—*Cholera*.—The following report has been received from the United States consul at Beirut, Syria, dated November 18, 1890:

In continuation of previous despatches upon the subject of cholera, I have the honor to embody herewith an English translation of a circular received this day from the Beirut sanitary office, which reads as follows:

“The quarantine already established between Tripoli in Syria and Mersine has been extended to and includes Selefké, since the 16th instant.”

Mersine has hitherto been exempt from quarantine regulations which now appear to have been extended about one degree southwest of that city, including Selefké a small seaport on the Mediterranean.

	Cases.	Deaths.
<i>Hama, Syria</i> .—Week ended November 22, 1890.....	0	1
<i>Homs, Syria</i> .—Week ended November 22, 1890.....	—	113



MORTALITY TABLE, FOREIGN CITIES.

Cities.	Week ended.	Estimated population.	Total deaths from all causes.	Deaths from—										
				Cholera.	Yellow fever.	Small-pox.	Typhus fever.	Enteric fever.	Scarlet fever.	Diphtheria.	Measles.	Whooping-cough.		
London	Nov. 22.	5,758,500	2,134					23	31	47	116	97		
London	Nov. 29.	5,758,500	1,929					12	36	62	97	62		
Paris	Nov. 29.	2,260,945	904					13	2	33	16	16		5
Vienna	Nov. 22.	800,120	319			3	1		2	15	2			
Vienna	Nov. 29.	800,120	365											
Warsaw	Nov. 22.	755,852	199		2				5	12				
Liverpool	Nov. 22.	613,463	220				1	3	11					
Glasgow	Dec. 6.	545,678	238					2	2	4				
Brussels	Nov. 29.	469,459	191					2	1					
Hamburg	Nov. 22.	455,000	238					1	1	5				
Calcutta	Nov. 1.	433,219	214	3										
Calcutta	Nov. 8.	433,219	203	2										
Buda Pesth	Dec. 3.	422,377	35						7	18				
Rome	Dec. 2.	417,392	139					4		3				
Amsterdam	Nov. 29.	406,402	153					3		8				
Lyons	Nov. 29.	401,930	145					1						
Copenhagen	Nov. 29.	312,387	118					2	3	7				
Leipzig	Dec. 6.	305,479	102						4	5	2			
Munich	Nov. 22.	298,000	150						4	7				
Munich	Nov. 29.	298,000	141					1		2				
Cologne	Nov. 29.	286,560	106				1			9	5	1		
Barcelona	Dec. 5.	272,000	193		2			10		15				
Edinburgh	Nov. 29.	271,135	80				1	30	75	5				
Palermo	Dec. 29.	250,000	107			1								
Lisbon	Nov. 8.	242,297	121			2								
Antwerp	Nov. 29.	232,418	142					2		1				
Belfast	Nov. 29.	232,222	112				1		7	1	1			
Bristol	Nov. 29.	232,248	71					3	10	3				
Rotterdam	Dec. 6.	203,472	89											
Prague	Nov. 29.	188,992	109			3		4	4	5				
Genoa	Nov. 29.	180,621	93				2			1				
Frankfort-on-the-Main	Nov. 22.	170,733	47					1		5				
Frankfort-on-the-Main	Nov. 29.	170,733	42					1	1	4				
Trieste	Nov. 22.	158,054	58							5				
Trieste	Nov. 29.	158,054	46							2				
Hanover	Nov. 22.	155,000	47							3				
Ghent	Nov. 29.	152,395	68						3		1		4	
Christiania	Nov. 29.	143,300	41						5					
Nuremberg	Nov. 29.	131,161	79					1		7	3			
Stuttgart	Nov. 29.	125,510	38							5				
Stuttgart	Dec. 6.	125,510	42							5				
Bremen	Nov. 22.	124,000	51						1	1				
Bremen	Nov. 29.	124,000	39						1					
Stettin	Nov. 29.	116,000	40					1		5				
Havre	Nov. 29.	112,074	48					1						
Aix-la-Chapelle	Nov. 30.	111,006	39											
Aix-la-Chapelle	Dec. 7.	111,006	34											
Catania	Nov. 30.	103,000	63					1	1	1				
Mannheim	Nov. 29.	100,000	18											
Leghorn	Nov. 30.	94,423							3					
Zurich	Nov. 22.	91,323	20				1			2	1			
Zurich	Nov. 29.	91,323	12				2			3	7			6
Messina	Nov. 30.	79,971	4								1			
Leith	Nov. 29.	78,538	27				1			1				
Mayence	Nov. 22.	70,000	22											
Mayence	Nov. 29.	70,000	27											
Jerez de la Frontera	Nov. 22.	61,708	42			7		1	1					
Jerez de la Frontera	Nov. 29.	61,708	38							3				
Trapani	Nov. 29.	43,095	7											
Cienfuegos	Dec. 7.	41,191	19		3									
Cienfuegos	Dec. 14.	41,191	8											
Marsala	Nov. 29.	40,131	14											
Cape Town	Nov. 18.	36,000	18											
Barranquilla	Nov. 9.	30,000	13											
Barranquilla	Nov. 16.	30,000	12											
Barranquilla	Nov. 23.	30,000	9											
Cardenas	Dec. 7.	25,000	10											
Cardenas	Dec. 14.	25,000	14											
Girgenti	Nov. 29.	23,547	10				1			1				
Vera Cruz	Dec. 11.	23,800	33		7									
Licata	Nov. 29.	19,000	12							3				
Victoria, B. C.	Dec. 6.	18,500	8						10					

## MORTALITY TABLE, FOREIGN CITIES—CONTINUED.

Cities.	Week ended.	Estimated population.	Total deaths from all causes.	Deaths from—									
				Cholera.	Yellow fever.	Small-pox.	Typhus fever.	Enteric fever.	Scarlet fever.	Diphtheria.	Measles.	Whooping-cough.	
Gibraltar.....	Nov. 30.....	18,381	16										
Cartagena.....	Nov. 22.....	16,000	10										
Cartagena.....	Nov. 29.....	16,000	14										
Hamilton, Bermuda.....	Dec. 4.....	15,700	1										
Hamilton, Bermuda.....	Dec. 11.....	15,700	3										
Cape Haytien.....	Nov. 22.....	15,000	7										
Cape Haytien.....	Nov. 29.....	15,000	5										
Flushing.....	Dec. 6.....	13,200	9										
Port Stanley and St. Thomas.....	Dec. 6.....	11,000	2										
Guelph.....	Dec. 14.....	10,173	4							1			
Puerto Cabello.....	Nov. 29.....	10,000	8										
Tuxpan.....	Dec. 6.....	9,000	6										
Tampico.....	Dec. 9.....	9,000	11										
Chatham, Ont.....	Dec. 13.....	8,730	4								1		
Puerto Plata.....	Dec. 6.....	4,100											
Coaticook.....	Dec. 13.....	3,800	2										
Dunmore Town, Bahamas.....	Dec. 6.....	2,400	1										
Puntarenas.....	Nov. 1.....	2,000	4										
Puntarenas.....	Nov. 15.....	2,000	3										

OFFICIAL :

JOHN B. HAMILTON,

*Supervising Surgeon-General, Marine-Hospital Service.*