

SUPPLEMENT
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VITAL STATISTICS OF TOWNS IN CEYLON IN THE MONTH OF APRIL, 1919.

REPORT OF THE REGISTRAR-GENERAL.

THIS report deals with the Vital Statistics of the 33 principal towns in the Island proclaimed under sections 31-36 of the Ordinance No. 1 of 1895.

Births.

2. The number of births registered was 1,458 (741 males and 717 females), and was equivalent to an annual rate of 27·31 per 1,000, against 28·08 in the preceding month, 27·14 in the corresponding month of last year, and 27·74 the average for the corresponding months since 1909. The rate ranged from 6·64 in Anuradhapura to 51·55 in Kalmunai.

3. In the city of Colombo the births registered numbered 516 (267 males and 249 females), and were equivalent to an annual rate* of 21·97 per 1,000; against 22·00 in the preceding month, 23·04 in the corresponding month of last year, and 22·13 the average for the corresponding months since 1909. The rate ranged from 9·46 in Kollupitiya to 30·44 in Wellawatta.

Deaths.

4. The total deaths registered during the month numbered 1,694 (943 males and 751 females). There were 1,321 deaths of residents in towns, equivalent to an annual rate of 26·97 per 1,000, against 28·69 in the preceding month, 20·76 in the corresponding month of last year, and 26·62 the average for the month of April in each year since 1909. The rate ranged from 88·01 in Mullaittivu to 4·11 in Kegalla.

5. In the city of Colombo the deaths numbered 570 (323 males and 247 females). There were 489 deaths of residents, equivalent to an annual rate* of 24·15 per 1,000, against 24·33 in the preceding month, 18·01 in the corresponding month of last year, and 24·70 the average for the month of April in each year since 1909. The rate ranged from 23·23 in Kotahena to 7·02 in Kollupitiya.

6. The stillbirths registered numbered 76 (44 males and 32 females), against 97 in the preceding month.

Infant Mortality.

7. The mortality of infants under one year of age was equal to a rate of 236 per 1,000 births registered during the twelve months ended April 30, 1919. Reckoned on the births registered during the month only the rate was 230, against 240 in the preceding month, 189 in the corresponding month of last year, and 235 the average for the corresponding months since 1909.

8. In the city of Colombo the mortality of infants was equal to a rate of 262 per 1,000 births registered during the twelve months ended April 30, 1919. Reckoned on the births registered during the month only the rate was 248, against 264 in the preceding month, 183 in the corresponding month of last year, and 256 the average for the corresponding months since 1909.

Causes of Death.

9. The highest mortality was attributed to *Pneumonia*, to which 15 per cent. of the total deaths was due, 9 per cent. was due to *Debility*, 7 per cent. to *Convulsions*, 6 per cent. to *Influenza*, 5 per cent. each to *Malaria* and *Malarial Cachexia*, *Phtisis*, and *Diarrhoea*, 4 per cent. each to *Ankylostomiasis*, *Enteritis*, and *Dysentery*, 3 per cent. to *Bright's Disease* and *Nephritis*, 2 per cent. each to *Enteric Fever* and *Puerperal Septicaemia*, and 1 per cent. each to *Bronchitis*, *Tetanus*, and *Prematurity*.

10. In the city of Colombo too the highest mortality was attributed to *Pneumonia*, to which 16 per cent. of the total deaths was due, 9 per cent. was due to *Influenza*, 8 per cent. to *Debility*, 7 per cent. each to *Convulsions* and *Phtisis*, 5 per cent. to *Enteritis*, 3 per cent. to *Enteric Fever*, 2 per cent. each to *Dysentery* and *Diarrhoea*, and 1 per cent. each to *Ankylostomiasis*, *Prematurity*, *Bright's Disease* and *Nephritis*, *Tetanus*, *Bronchitis*, and *Puerperal Septicaemia*.

11. *Infectious Diseases reported.*—The infectious disease most prevalent during the month was *Phtisis*, of which 108 cases were reported (103 in Colombo), followed by *Chickenpox* 96 (63 in Colombo, 10 in Nuwara Eliya, 7 in Kandy, 6 in Galle), *Enteric Fever* 40 (30 in Colombo), *Measles* 21 (10 in Colombo, 7 in Hatton and Dikoya), *Mumps* 17 (13 in Kandy), *Continued Fever* 12 (8 in Colombo), *Cholera* 10 (in Colombo), *Dysentery* 6 (3 in Kegalla), *Smallpox* 4 (in Colombo), *Diphtheria* 1 (in Colombo), and *Plague* 1 (in Colombo).

Meteorology.

12. *Rainfall.*—Gampola recorded the highest rainfall (12·86 inches), followed by Kurunegala (12·62 inches). In the other towns the rainfall ranged from 9·00 inches in Kalutara to 0·13 of an inch in Trincomalee. Colombo recorded 5·96 inches.

13. *Temperature.*—The mean temperature varied from 60·5° in Nuwara Eliya to 86·7° in Jaffna, and was 83·0° in Colombo.

14. For detailed statistics, see Tables I. and II. for all towns, and Tables III. and IV. for the city of Colombo, in the Appendix.

Registrar-General's Office,
Colombo, May 22, 1919.

N. W. MORGAPPAH,
for Registrar-General.

* The city-rate is worked differently from the ward-rates, and takes into account hospital events, &c., not assignable to wards.

Table I.—Number of Births and Deaths registered during April, 1919, their Proportion per 1,000 of the Population per Annum, and the Stillbirths and the Deaths of Children under One Year and their Proportion per 1,000 Registered Births, together with the Average Birth- and Death-rates in the corresponding months since 1909, and the Mean Temperature and Rainfall in the Month in each Town of the Island proclaimed under Sections 31–36 of the Ordinance No. 1 of 1895.

Provinces and Towns.	Population (inclusive of the Additions at the Census of 10, 1911.)	Population estimated to the Middle of 1919 by Intercessional Increase.	Total Births.				Total Deaths.				Total Stillbirths.				Mortality of Children under One Year.				
			Males.		Females.		Males.		Females.		Males.		Females.		Males.		Females.		
			Persons	Per cent.	Persons	Per cent.	Persons	Per cent.	Persons	Per cent.	Persons	Per cent.	Persons	Per cent.	Persons	Per cent.	Persons	Per cent.	
All 38 Towns ..	517,877	649,472	741,717	1,458	943	751,1894	44	32	76	361	1,321	27.31	27.74	24.75	26.97	24.75	26.97		
Western.																			
Colombo	219,557	285,795	267	249	516	323	247	570	16	12	73	489	21.97	22.13	20.82	24.15	24.70	248	
Negombo	13,045	27,036	33	27	60	44	36	80	1	1	15	65	27.00	39.49	20.25	24.14	23	383	
Moratuwa	27,256	30,902	58	49	107	54	52	106	2	1	3	103	42.13	41.12	40.56	44.72	28	261	
Kalutara	13,005	14,386	24	25	49	16	19	35	1	2	9	26	41.44	34.16	21.98	21.85	23	296	
Panadura	6,709	7,936	4	6	10	3	5	8	2	2	3	5	15.33	26.12	7.66	9.12	1	100	
Kandy	30,149	33,197	39	41	80	51	31	82	1	1	20	62	29.32	28.72	22.72	24.77	12	81	
Gampola	6,521	7,550	11	5	16	12	4	16	—	—	7	9	25.78	40.28	14.50	15.05	12	158	
Nawalapitiya	3,767	4,061	4	6	10	8	9	17	1	1	—	17	29.96	32.54	50.93	55.35	17	55	
Hatton and Dikoya.	3,025	3,187	8	3	11	9	14	23	—	—	15	6	38.18	16.86	22.90	26.75	3	300	
Melegama	5,792	8,075d	10	23	33	13	17	30	—	1	16	14	49.73	33.77	21.10	29.73	1	100	
Nuwara Eliya	14,910	16,131e	8	10	18	11	6	17	—	—	4	13	14.47	12.81	10.45	35.97	4	121	
Southern.																			
Galle	39,936	42,418	62	56	118	66	43	109	6	7	23	86	33.85	31.22	24.67	24.15	21	178	
Arabangoda	—	4,604	7	9	16	4	4	8	—	—	8	8	42.28	—	21.14	—f	4	250	
Matale	13,851	17,529d	28	26	54	31	23	54	—	—	8	46	37.48	33.98	31.93	31.27	16	296	
Welegama	8,672	9,684	19	15	34	7	5	12	—	—	12	42.72	34.41	15.08	13.58	5	147		
Hambantota	3,082	3,318	10	3	13	6	2	8	—	—	2	6	47.67	36.72	22.00	24.60	—	180	
Tangalle	3,505	6,187d	10	3	13	11	9	20	2	2	7	13	25.57	37.63	25.57	26.13	3	231	
Northern.																			
Jaffna	40,441	46,858	50	53	103	46	49	95	4	1	5	8	86	26.74	31.49	22.33	22.81	20	194
Mannar	3,777	4,191	4	2	6	8	9	17	—	—	3	14	17.42	27.35	40.65	44.75	3	500	
Mullaitivu	1,392	1,466	1	5	6	3	9	12	1	1	3	8	49.79	50.33	66.39	65.80	4	666	
Vavuniya	808	1,087	1	1	2	4	3	7	—	—	5	2	22.38	14.37	22.38	30.40	—	798	
Eastern.																			
Batticaloa	10,671	11,290	21	24	45	24	22	46	2	2	2	45	48.49	29.16	48.49	47.82	8	177	
Kalmunai	—	2,124	5	4	9	12	6	18	—	—	8	10	51.55	47.34	57.27	—f	4	444	
Trincomalee	8,840	11,136	14	16	30	18	15	33	1	1	1	32	32.77	30.13	34.96	38.38	10	350	
North-Western.																			
Kurunegala	8,167	9,931	11	13	24	42	29	71	—	—	43	28	29.40	29.26	34.30	35.24	5	208	
Puttalam	5,990	6,830	6	9	15	13	7	20	1	—	2	18	26.72	37.65	32.06	34.29	3	200	
Kalpitiya	1,591	1,691	1	1	5	4	9	15	—	—	2	13	9	7.19	42.84	64.75	—f	3	890
Chilaw	5,033	6,274d	4	7	11	20	15	35	2	—	2	22	21.33	25.42	42.66	40.89	7	636	
North-Central.																			
Auradhapura	5,361	7,358	—	4	4	26	12	38	—	1	11	27	6.64	21.64	44.64	44.64	1	250	
Badulla	6,487	7,363d	5	11	16	18	16	34	1	—	12	21	26.45	31.79	34.71	32.20	6	63	
Lunugala	—	515	1	1	6	9	15	—	—	14	1	19.36	44.27	19.36	—f	1	—	234	
Sabaragamuwa.																			
Ratnapura	5,476	7,543d	8	13	21	19	16	35	—	2	18	17	33.87	30.62	27.42	31.08	4	190	
Kegalla	2,536	2,772	5	1	6	10	4	14	—	2	13	1	26.92	27.76	4.48	14.01	—	245	

^a The standardized death-rates represent the crude death-rates multiplied by the respective standardizing factor in order to make correction for differences of sex and age-constitution of the several populations in 1911 as compared with that of the Island.
^b Blanks indicate that there are no observatories or rain gauges.
^c Includes a population of the Negombo Local Board and registration area.
^d Estimated to the end of December 1918, by natural increase method.
^e Standardized death-rates for Kalpitiya and Lunugala towns not available, as the populations of these towns has not been enumerated at the Census of 1911 by age and sex, while the town of Kalmunai was created a registration division only in January, 1914, and Ambalangoda in January, 1915.

Table II.—Causes of Deaths registered during April, 1919, in each Town of the Island proclaimed under Sections 31-36 of the Ordinance No. 1 of 1895.

This includes besides 28 deaths mentioned in Table IV, 7 deaths from Infestation (in Katnapure), and Congestion of Brain and Acalculiasis (in Colon bo). These are due to 1. each from Umbilical infection (in Katnapure), and Congestion of Brain and Acalculiasis (in Colon bo).

Table II.—Causes of Deaths registered during April, 1919, in each Town of the Island proclaimed under Sections 31-36 of the Ordinance No. 1 of 1895—*continued*.

* Here are included 91 deaths from Old Age (35 in Colombo), 51 deaths from Worms (16 in Colombo), 49 from Debility (13 in Colombo), and 19 from Paralysis (4 in Moratuwa).

Table III.—Number of Births and Deaths registered during the Month of April, 1919, and the Deaths of Children under One Year, and their Proportion per 1,000 of the Registered Births, together with the Average Birth- and Death-rates for April, 1909 to 1918, in each Ward of the City of Colombo.

Wards.	Population (Inclusive of Military) at the Census of 1911.	Population Estimated to Middle of 1919 by Intercessional Increase.	Total Births registered.		Stillbirths.		Deaths including Deaths in Hospitals and Jails.		Deaths of Non-residents.		Deaths of Residents.		Per Mille per Annum.		Mortality of Children under one Year.							
			Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Average for April, 1909 to 1918.	Average for April, 1910 to 1918.	Average for April, 1910.	Its proportion to 1000 births registered during April, 1919.						
City of Colombo ..	219,557	285,795	267	249	516	16	12	28	323	247	570	81	489	21·97	22·13	20·82	21·70	24·15	128	248	262	
Fort and Galle Face	3,612	3,612†	1	1	2	—	—	—	6	1	7	6	1	6·92	2·80	3·46	8·16	—	—	1	500	—
Pettah ..	7,974	7,974†	1	1	2	—	—	—	5	1	6	—	6	3·05	4·18	9·15	9·49	—	—	2	—	839
San Sebastian ..	11,646	13,780	10	16	26	—	1	11	8	19	—	19	22·95	17·11	16·77	17·86	—	—	3	115	157	
St. Paul's ..	24,735	29,210	16	18	34	—	1	1	19	20	39	—	39	14·16	13·45	16·24	17·57	—	—	15	441	444
Kotahena ..	40,771	48,168	58	49	107	1	2	3	56	36	92	—	92	27·02	21·64	23·23	19·80	—	—	29	271	347
New Bazaar ..	22,309	27,362	22	23	45	3	1	4	21	14	35	—	35	20·00	19·30	16·56	19·33	—	—	9	200	216
Mardana Hospitals ..	48,093	70,574	56	47	103	8	5	13	112	60	172	66	106	—	—	—	—	—	—	13	—	—
Mardana (exclusive of Hospitals) ..			43	37	80	1	2	3	47	45	92	—	92	13·79	18·52	16·86	17·34	—	—	30	375	382
Slave Island ..	21,984	27,353	24	17	41	1	—	1	23	30	53	2	51	18·23	22·68	22·68	18·62	—	—	12	293	289
Kollupitiya ..	25,410	39,878	16	15	31	1	—	1	15	15	30	7	23	9·46	10·69	7·02	10·62	—	—	5	161	179
Wellawatta ..	13,223	17,984	20	25	45	1	—	1	8	17	25	—	25	30·44	33·93‡	16·91	25·38‡	—	—	9	200	206

* For explanation of "standardized death-rate" see note *. The population of the several wards of the city not being available by age- and sex-constitution, their standardized death-rates cannot be calculated.

† The population of these two wards being a fluctuating one, their population cannot be estimated to the middle of 1919. Hence the Census figures are retained.

‡ Average for months of April, 1912-1918.

Table IV.—Causes of Deaths registered during the Month of April, 1919, in each Ward and of each Race in the City of Colombo.

* One death from Congestion of Brain and 1 from Atelectasis.

† Nine deaths from Influenza, 6 from Syphilis, 2 each from Rickets, Thrush, Burns, and Want of Breast Milk, 1 each from Malaria, Boils, Abscess, Colic, and Asthma.

[†] Here are included 35 deaths from Old Age, 16 from Worms, 13 from Debility, 8 from Rickets, and 6 from Marasmus.

RESULTS OF METEOROLOGICAL OBSERVATIONS IN CEYLON DURING THE MONTH OF APRIL, 1919.

STATION.	OBSERVER.	Height above Sea Level.	RAINFALL.				BAROMETER REDUCED TO 32°.				TEMPERATURE OF THE AIR AND OF EVAPORATION.						STATION.										
			Total No. of Inches.	Greatest Quantity in any 24 hours.	Fmts. of Date on which Rainfall was observed.	Mean Daily Horizontal Movement of Air.	Mean Wind Velocity at 8 P.M.	Mean Wind Velocity at 8 A.M.	Mean Reading at 8 A.M.	Mean Reading for the Month.	Highest Reading.	Lowest Reading.	Mean Daily Mean Min. Temp. in Shaded.	Mean Daily Max. Temp. in Shaded.	Adopted Mean Temp. in Air.	Mean Daily Mean Min. Temp. in Shaded.	Mean Daily Max. Temp. in Shaded.	Adopted Mean Temp. in Air.									
1 Colombo	Mr. F. A. P. Pullenayegum.	Fest.	In.	In.	Date.	Miles.	•	In.	In.	In.	Date.	•	•	•	•	•	•	Colombo									
2 Putalam	" H. M. C. Mutukrishna.	24	5.96	2.37	14th-15th	16	95	235	29.917	29.799	29.858	2nd	29.719	13th	29.8	76.3	83.0	91.8-2nd	71.5-11th	74.2	70.6	11th	6.9				
3 Mannar	" A. Chelliah.	27	4.16	2.35	14th-15th	8	109	220	29.900	29.789	29.844	30.000	21st	29.728	12th	91.3	76.4	83.3	93.9-3rd	73.8-2nd	73.8	69.7	3rd	5.4			
4 Jaffna	" N. V. Kalais Pillai.	12	1.63	0.76	29th-30th	-4	106	215	29.918	29.797	29.837	30.011	21st	29.706	12th	94.4	76.5	86.5	94.9-3rd	76.2-1st	75.9	73.3	6th	5.9			
5 Trincomalee	" T. Balasubramaniam.	99	0.13	0.13	26th-27th	1	101	Table	29.829	29.710	29.770	29.927	21st	29.620	12th	94.5	78.8	86.6	94.1-3, 4, 5	78.0-6th	77.8	73.8	6th	3.4			
6 Batticaloa	" N. Eliyambal.	26	0.47	0.29	28th-29th	3	141	100	29.889	29.779	29.838	29.988	13th	91.0	77.2	84.1	78.0	84.4	94.2-9th	75.4-23rd	73.8	70.7	6th	4.7			
7 Hambantota	" S. R. Andree.	64	3.47	1.60	10th-11th	11	173	205	29.879	29.765	29.917	29.987	21st	29.861	10th	89.5	76.5	83.0	91.2-8th	74.2-1st	74.9	72.1	1st	4.2			
8 Galle	" W. S. de Silva.	13	4.90	1.61	24th-25th	8	108	245	29.926	29.817	29.871	30.005	21st	29.727	13th	87.3	77.7	82.5	78.0	87.0	90.4-20th	75.6-7th	74.1	71.3	7th	5.9	
9 Ratnapura	" C. A. Janak.	39	3.44	1.04	16th-17th	25	..	..	29.827	29.804	29.760	29.910	22nd	29.599	13th	93.4	74.3	83.9	78.5	87.8	93.3-3rd	71.2-1st	73.4	70.3	1st	6.4
10 Anuradhapura	" M. P. Gunasekera.	295	5.63	1.67	19th-20th	15	..	..	..	..	..	..	..	..	..	95.7	74.4	85.0	77.0	71.0	99.1-7th	72.3-23rd	68.4	44.4	1st	6.3
11 Kurnegala	" F. D. P. Siriswardana.	381	1.29	0.56	24th-25th	13	..	..	..	..	..	..	..	..	..	92.6	75.5	84.0	77.3	81.8	95.8-3rd	72.2-18th	75.4	71.4	18th	6.6
12 Kandy	" H. M. P. Goonatilleke.	185	4.94	2.36	26th-27th	13	..	..	..	..	..	..	..	..	..	89.3	71.2	80.2	74.4	74.9	92.1-7th	68.0-22nd	67.0	61.2	3rd	7.6
13 Badulla	" B. V. Gedewila.	2235	5.83	1.63	24th-25th	18	..	..	..	..	..	..	..	..	..	84.9	67.3	78.1	71.5	89.7	87.8-15th	63.2-2nd	55.2	2nd	6.6	Badulla
14 Dambulla	" C. Bandaranayake.	4139	3.28	1.04	22nd-23rd	17	..	..	..	..	..	..	..	..	..	78.6	61.7	70.2	65.2	76.0	87.9-3rd	55.5	50.4	2nd	6.6	Dambulla
15 Habgama, Nuwara Eliya	" P. J. Christoforos.	5581	2.14	0.51	24th-25th	16	70.9	65.0	63.0	69.4	84.1	80.0	74.0-12th	47.7-2nd	53.1	46.1	2nd	6.6
16 Nuwara Eliya	" R. B. Kulangammana.	6188	2.11	0.50	4th-5th	10	73.2	47.8	60.5	55.8	80.9	77	77.0-10th	40.0-2nd	43.2	34.0	2nd	7.0

STATION.	NAME OF SENDER.	Height above Sea Level.	RAINFALL.				STATION.	NAME OF SENDER.	RAINFALL.				STATION.					
			Total No. of Inches.	Days on which Rainfall was registered.	Greatest Quantity in any 24 hours.	Fmts. of Date.			Total No. of Inches.	Days on which Rainfall was registered.	Greatest Quantity in any 24 hours.	Fmts. of Date.						
1 Alapitiya Railway Station	Telegraph Master, C. G. R.	..	1062	5.34	6	1-32	14th-15th	62 Dunedin Estate, Vatiyantota	..	Superintendent	..	..	..	400	18.32	21	4-15	25th-26th
2 Ali Tack, Topoor	Divisional Irrigation Engineer, Trincomalee	..	20	0.00	0	—	—	63 Dunsinane Estate, Pundaluoya	..	Mr. J. B. Adkins	..	..	..	5040	4.67	17	0-99	21st-22nd
3 Anuradhapura Field Hospital	Medical Officer, Alutuwawa, Badulla	..	300	4.05	9	2-46	26th-27th	64 Dyrasla Estate, Bandarawela	..	Superintendent	..	..	..	4900	4.67	11	1-28	21st-22nd
4 Ambalipura	District Engineer, Kegalla.	..	729	3.76	17	0-69	29th-30th	65 Echigoda Estate, Kandangamuwa	..	Mr. W. Carver	..	..	..	600	14.26	20	4-30	23rd-24th
5 Angur Tank	Irrigation Engineer, Kalumna, S. D.	..	118	0.22	1	0-22	11th-12th	66 Elephant Pass	..	District Engineer, Palai	..	..	..	8	1.62	4	1-00	19th-20th
6 Anamadura Dispensary	Apothecary, Anamadura	..	—	3.77	7	1-21	28th-29th	67 Elatedawa District Dispensary	..	Apothecary	..	..	..	2800	8.99	12	3-12	26th-27th
7 Anakulum Tank, Trincomalee	Divisional Irrigation Engineer, Trincomalee	..	40	0.00	0	—	—	68 Ella Well Tank	..	Subdivisional Officer, Matara Subdivision	..	..	..	262	4.64	12	1-50	6th-8th
8 Ambalipata Estate, Dikoya	Mr. H. B. Daniels.	..	4300	6.82	18	1-16	24th-25th	69 Ethiyawa Police Station	..	Sub-Inspector, Police	..	..	..	7-82	10	1-13	27th-28th	
9 Aninganda Estate, Deniyaya	Mr. E. C. Anderson.	..	1400	11.96	19	1-69	14th-15th	70 Embilipitiya	..	Sub-Subdivisional Officer, Godakawela	..	..	..	3-74	10	0-94	5th-6th	
10 Anayaka Dispensary	Apothecary, Aranayaka	..	1000	7.50	18	1-18	26th-27th	71 Eksala Resthouse	..	Assistant Government Agent, Puttalam	..	..	..	2-94	4	1-98	14th-15th	
11 Anugoya Estate, Homagama	Mr. George de Savam	..	100	3.17	8	1-11	23rd-24th	72 Flemsbury Estate, Ganswatta	..	Mr. Walter Fernando	..	..	..	324	9.10	11	2-75	13th-14th
12 Aranawella	District Engineer, Aranawella	..	105	0.98	11	2-10	5th-6th	73 Franklands Estate, Veyangoda	..	Mr. A. W. Bevan	..	..	..	4-61	10	1-94	12th-13th	
13 Ariawella Estate, Puwakapitiya	Superintendent	..	250	9.20	14	2-30	26th-27th	74 Gala-oya Antic.	..	Divisional Irrigation Engineer, C. D., Haldummulla	..	..	..	600	2.71	7	1-12	26th-27th
14 Baddegama Estate, Baddegama	Mr. E. D. Bowman	..	50	7.97	12	2-30	24th-25th	75 Galawella	..	District Engineer, Naanda	..	..	..	7-35	15	1-85	18th-17th	
15 Badullawella Dispensary	Apothecary, Badullawella, Monaragala	..	450	2.03	7	0-62	24th-25th	76 Galanguma Railway Station	..	Station Master, C. G. R.	..	..	..	282	6.05	3	2-30	3rd-4th
16 Bandawela	District Engineer, Badulla	..	4308	1.98	10	0-61	22nd-23rd	77 Galanguma Tank	..	Sub-Subdivisional Officer, Nikaweratiya Subdivision, Nikawa	..	..	..	3-57	4	1-28	25th-26th	
17 Bakagoda Tank	Subdivisional Officer, Deduru-oya Subdivision, Ibbagamuwa	..	422	7.03	9	2-15	24th-25th	78 Galpoh or Gillardstown Estate, Watt	..	Mr. Frank T. Wright	..	..	..	2300	4.54	11	1-62	26th-27th
18 Batticaloa Resthouse	Assistant Government Agent, Puttalam	..	—	2.15	11	0-46	20th-21st	79 Gammaduwa Estate, Ratota	..	Mr. B. Westland	..	..	..	2400	3.25	12	0-65	20th-21st
19 Beesup Estate, Nakodyeniye R. O.	Mr. A. E. Robb.	..	500	6.21	8	1-88	23rd-24th	80 Geenkankanda Estate, Nekoda	..	Superintendent	..	..	..	200	10.21	12	3-30	24th-25th
20 Bentota Estate, Kurunegala	Mr. C. H. Bevan.	..	—	5.29	7	2-08	26th-27th	81 Godawala	..	Sub-Subdivisional Officer, Godakawela	..	..	..	8-92	17	1-75	4th-5th	
21 Bibile Dispensary	Apothecary, Bibile	..	630	6.62	14	1-05	1st-2nd	82 Gokurala Resthouse	..	Chairman, Provincial Road Committee, Kurunegala	..	..	..	8-88	15	2-31	24th-25th	
22 Blait Alab Estate, Dikoya	Mr. R. D. Karshaw.	..	3738	8.58	15	1-90	26th-29th	83 Goundek Estate, Badulla	..	Mr. R. Gathenhouse	..	..	..	4200	5.78	11	2-25	23rd-24th
23 Bulungapitiya	Divisional Irrigation Engineer, C. D., Haldummulla	..	—	5.59	9	2-42	20th-21st	84 Government Training College, Colombo	..	Principal, Training College, Colombo	..	..	..	6-32	15	2-41	14th-15th	
24 Butal Hospital	Medical Officer, Dambulla	..	400	7.80	13	1-50	27th-28th	85 Haldummulla	..	Divisional Irrigation Engineer, C. D., Haldummulla	..	..	..	3380	20.21	20	3-35	24th-25th
25 Dandagama	District Engineer, Dandagamuwa	..	—	4.56	10	1-43	20th-21st	86 Halipta Tank	..	Subdivisional Officer, Matara Subdivision	..	..	..	200	2.68	8	1-01	1st-2nd
26 Dandagama Estate, Dandagamuwa	Subdivisional Officer, Matara Subdivision	..	157	3.40	9	1-49	28th-29th	87 Hambapura Estate, Rangalla	..	Divisional Irrigation Engineer, C. D., Haldummulla	..	..	..	400	6.32	14	2-30	25th-26th
27 Dandagama Tank	Manager of Delft	..	—	0.24	1	0-24	26th-26th	88 Horakola Estate, Marawila	..	Medical Officer, Hospitals	..	..	..	4143	6.73	18	1-27	29th-30th
28 Deltawala Estate, Kurunegala	Mr. J. S. Patterson.	..	490	5.28	12	1-09	24th-25th	89 Horapotana	..	Police Constable E. A. C. Perera	..	..	..	33	3.08	13	0-95	14th-15th
29 Deagama Tank	Subdivisional Officer, Matara Subdivision	..	288	3.40														

Results of Meteorological Observations in Ceylon during the Month of April, 1919—contd.

STATION.	NAME OF SENDER.	Height above Sea Level.	RAINFALL.			STATION.	NAME OF SENDER.	Height above Sea Level.	RAINFALL.			
			Total No. of Inches.	No. of days on which Registered.	Greatest Quantity in any 24 hours.				Total No. of Inches.	No. of days on which Registered.	Greatest Quantity in any 24 hours.	
108 Kalawewa Tank ..	Irrigation Engineer, Anuradhapura Subdivision ..	470	4.39	16	0.65	25th–26th	184 New Forest Estate, Galaha ..	Mr. G. C. Colling ..	3500	4.38	12	0.78
109 Kalmunai ..	District Engineer, Kalmunai ..	12	0.10	1	0.10	26th–27th	185 New Valley or Norwood ..	District Engineer, Dikoya, Norwood ..	3700	10.42	17	1.95
110 Kalpitiya Resthouse ..	Assistant Government Agent, Puttalam ..	—	1.69	7	0.53	14th–15th	186 Oddischuddan ..	Deputy Conservator of Forests, J. D., Jaffna ..	—	1.14	3	0.54
111 Kalutara ..	District Engineer, Kalutara ..	35	9.00	11	2.27	24th–25th	187 Ohiya Railway Station ..	Station Master, C. G. R. ..	5820	3.91	14	1.30
112 Kapana Estate, Bentota ..	Mr. K. Arthur Burne ..	30	9.63	11	3.87	25th–26th	188 Orange Hill Estate, Ragama ..	Superintendent ..	50	3.70	10	1.20
113 Kanangama Estate, Dehiowita ..	Mr. H. L. Murray ..	200	12.34	15	2.23	23rd–24th	189 Orwell Estate, Gampola ..	Mr. R. B. Taylor ..	1800	12.66	16	3.40
114 Kankoddi ..	Irrigation Engineer, Kalmunai, S. D. ..	118	1.29	4	0.43	3rd–4th	190 Padupola ..	District Engineer, Dikoya, Norwood ..	1600	7.39	12	1.90
115 Kankesanturai ..	Medical Officer, Kankesanturai ..	15	0.67	3	0.36	24th–25th	191 Pallai ..	District Engineer, Pallai ..	24	0.00	0	—
116 Kanthalai Tank ..	Divisional Irrigation Engineer, Trincomalee ..	250	4.50	7	1.20	25th–26th	192 Palugawewa Estate, Chilaw ..	Mr. N. Perera ..	—	3.18	6	1.33
117 No. 2 Karukkuwa Estate, Madampe ..	Mr. O. M. Richard Perera ..	—	2.66	6	1.25	14th–15th	193 Panama Tank ..	Irrigation Engineer, Kalmunai, S. D. ..	—	2.98	3	2.07
118 Katugastota ..	District Engineer, Katugastota ..	1500	5.36	12	1.29	5th–6th	194 Panilkanda Estate, Deniyaya ..	Superintendent ..	1900	—	—	—
119 Kayte ..	Mr. S. Paramanathan ..	—	0.00	0	—	—	195 Pannagamuwa ..	Irrigation Engineer, Hambantota Subdivision, Tissa ..	92	3.28	5	1.84
120 Keegahala Estate, Belangoda ..	Mr. E. C. Villiers ..	1800	7.68	18	1.23	26th–27th	196 Parathan Railway Station ..	Station Master, C. G. R. ..	—	0.96	2	0.79
121 Kegalla Jail ..	Superintendent of Prison ..	—	8.19	18	1.73	5th–6th	197 Passara Hospital ..	Medical Officer, Passara ..	2800	5.09	7	1.30
122 Kekandure ..	Subdivisional Officer, Matara Subdivision ..	187	0.20	3	0.03	26th–27th	198 Pathregalle Estate, Potthuhera ..	Mr. A. M. Wright ..	350	8.62	12	2.65
123 Keragala Estate, Kuruwita ..	Mr. M. S. Davidson ..	400	10.90	20	1.40	22nd–23rd	199 Patigama Estate, Deltaota ..	Mr. L. A. Ewart ..	3600	2.59	11	0.76
124 Killinochchi ..	Irrigation Engineer, Karachchi, N. P., Granamedu ..	77	1.76	6	0.61	19th–20th	200 Patipola Railway Station ..	Station Master, C. G. R. ..	6201	3.93	13	1.15
125 Kirana, Matara ..	Subdivisional Officer, Tangalla, S. D., Weraketiya ..	260	4.02	11	1.02	1st–2nd	201 Pelmadulla ..	District Engineer, Pelmadulla ..	480	7.64	13	2.42
126 Kitulgala Resthouse ..	Chairman, District Road Committee, Kegalla ..	—	10.30	20	1.50	20th–21st	202 Peradeniya Gardens ..	Mr. H. F. Macmillan ..	1540	6.22	14	2.01
127 Kobonella Estate, Rangalla ..	Mr. E. S. Wilson [R. O. &id Kurunegala]	3300	3.88	10	1.42	26th–27th	203 Periyakulam ..	Divisional Irrigation Engineer, Trincomalee ..	50	0.14	2	0.11
128 Kosgoda ..	Subdivisional Officer, Deduru-oya Subdivision, Ibbagamuwa ..	358	4.09	12	1.21	24th–25th	204 Point Pedro Civil Hospital ..	Medical Officer, Point Pedro ..	24	0.81	3	0.39
129 Koslanda ..	District Engineer, Koslanda ..	2258	12.56	24	2.14	29th–30th	205 Ponparippu Resthouse ..	Assistant Government Agent, Puttalam ..	—	2.70	8	1.15
130 Kudawewa ..	Divisional Irrigation Engineer, C. D., Haldummulla ..	350	5.76	1	0.20	8th–9th	206 Pottuvil Dispensary ..	Apothecary, Pottuvil ..	10	1.25	2	0.85
131 Kumubukkan Anicut ..	Do. do. do. ..	600	5.76	14	2.19	13th–14th	207 Pullukkunawa ..	Irrigation Engineer, Kalmunai, S. D. ..	—	0.53	3	0.20
132 Kurundu-oya Estate, Maturata ..	Mr. R. R. Jaques ..	5150	6.43	12	2.83	25th–26th	208 Pussellawa ..	District Engineer, Pussellawa ..	3000	10.35	16	1.60
133 Kurunegala ..	District Engineer, Kurunegala ..	400	12.66	11	2.60	24th–25th	209 Puvarassankulam ..	District Engineer, Vavuniya ..	—	2.88	6	1.08
134 Labookelle Estate, Ramboda ..	Mr. N. C. Rolt ..	5000	1.14	13	1.74	21st–22nd	210 Ragama Camp ..	Assistant Superintendent, Ragama Camp ..	9	4.09	12	1.32
135 Labugama Tank ..	Engineer, Waterworks, Maligakanda, Colombo ..	369	9.04	15	2.03	24th–25th	211 Rajawella Estate, Teldeniya ..	Mr. Edward W. Keith ..	1500	4.55	12	0.82
136 Lahugalla ..	Irrigation Engineer, Kalmunai, S. D. ..	—	0.97	4	0.38	9th–10th	212 Rayigama Estate, Padukka ..	Mr. Allen Coombe ..	300	9.73	16	2.59
137 Ledgeworth Estate, Badulla ..	Mr. R. McComas ..	4000	11.10	9	3.85	26th–27th	213 Rotavewa Tank ..	Irrigation Engineer, Kalmunai, S. D. ..	30	2.20	1	2.20
138 Liyangahatota ..	Irrigation Engineer, Hambantota Subdivision, Tissa ..	38	2.82	8	0.70	10th–11th	214 Rugam Tank ..	Irrigation Engineer, Rugam, S. D., Unichchai ..	77	0.40	1	0.40
139 Lower Spring Valley Estate, Badulla ..	Mr. R. B. Jamison ..	3650	4.33	12	0.89	25th–26th	215 Rowanwella Resthouse ..	Chairman, District Road Committee, Kegalla ..	180	16.18	17	3.30
140 Lucombe Estate, Maskeliya ..	Mr. Ralph V. Grinwood ..	3600	5.59	14	0.80	29th–30th	216 Sacumote Estate, Rattota ..	Mr. Henry de Silva ..	1200	5.21	6	3.05
141 Lumugala Estate, Bandarawela ..	Mr. R. G. Coombe ..	—	8.42	20	2.44	29th–30th	217 Sakaman Tank ..	Irrigation Engineer, Kalmunai, S. D. ..	42	1.56	2	1.00
142 Maduwachchiya ..	District Engineer, Mihintale ..	280	4.25	8	0.94	4th–5th	218 Sandringham Estate, Agarapathana ..	Mr. P. Byrne ..	5250	—	—	—
143 Madugoya Dispensary ..	Apothecary, Madugoya ..	—	3.32	4	1.87	26th–27th	219 Sanglikkanadarawa ..	Irrigation Engineer, Anuradhapura Subdivision ..	277	4.92	7	1.55
144 Madurankandy Resthouse ..	Assistant Government Agent, Puttalam ..	—	3.65	11	1.14	26th–27th	220 Sogama Estate, Pussellawa ..	Superintendent ..	3500	11.48	18	1.95
145 Maduwawala ..	Government Agent, Ratnapura ..	750	6.45	15	1.02	28th–29th	221 S. Wanarejah Estate, Dikoya ..	Mr. Arthur F. White ..	3700	12.36	18	2.53
146 Magalawwa ..	Subdivisional Officer, Nikaweratiya Subdivision, Nika ..	176	5.00	8	1.56	20th–21st	222 St. Andrew's School, Navalapitiya ..	Headmaster ..	1915	9.28	15	2.60
147 Meggona Certified Industrial School ..	Very Rev. Fr. N. H. Le Frere, O.M.I. ..	—	9.11	14	3.42	24th–25th	223 St. Martin's Estate, Rangalla ..	Mr. C. S. Ellis ..	3800	5.25	8	2.75
148 Madavado Estate, Madulaima ..	Mr. Guy C. Morris ..	4500	10.99	14	2.36	23rd–24th	224 Stratheden Estate, Demodara ..	Superintendent ..	2800	5.97	15	1.63
149 Mahoya Hospital ..	Medical Officer, Mahoya ..	190	1.66	5	0.45	22nd–23rd	225 Strathelie Estate, Midland Group ..	Mr. Wm. Greig ..	2300	7.47	17	1.60
150 Maheusweva ..	Subdivisional Officer, Nikaweratiya Subdivision, Nika ..	18	3.22	8	1.20	26th–27th	226 Sudupanawela ..	Divisional Irrigation Engineer, C.D., Haldummulla [weratiya ..	608	5.65	15	1.34
151 Mahawalatenna ..	Government Agent, Ratnapura ..	—	5.30	10	1.01	3–4 & 21–22	227 Tabwova ..	Subdivisional Officer, Nikaweratiya Subdivision, Nika ..	68	6.18	8	2.74
152 Maliboda Estate, Dehiowita ..	Mr. R. Neville Rolfe ..	2000	19.54	22	3.30	15th–16th	228 Taldena Dispensary ..	Apothecary, Taldena ..	1100	2.18	7	0.85
153 Maligakanda ..	Engineer, Waterworks, Maligakanda, Colombo ..	70	5.57	13	2.30	14th–15th	229 Talpitgala Estate, Badulla ..	Mr. H. W. Waters ..	2150	2.59	7	2.02
154 Mamadole ..	Irrigation Engineer, Hambantota Subdivision, Tissa ..	56	2.13	4	1.40	9th–10th	230 Tanamalwila Dispensary ..	Apothecary, Tanamalwila ..	550	4.57	7	1.64
155 Manalpitiya Anicut ..	Irrigation Engineer, Kalmunai, S. D. ..	21	0.00	0	—	—	231 Tangala ..	Divisional Irrigation Engineer, Tangalla, S. D. ..	70	2.81	8	0.81
156 Mankulan ..	District Engineer, Vavuniya ..	167	3.93	8	0.75	24th–25th	232 Thumperkeni Tank ..	Irrigation Engineer, Kalmunai, S. D. ..	—	0.38	2	0.28
157 Mantol Hospital ..	Medical Officer, Mantots, Manner ..	17	3.03	6	1.26	26th–27th	233 Thunnapitiyawewa ..	Assistant Government Agent, Puttalam ..	8	3.86	10	1.60
158 Marsdenkawala ..	District Engineer, Marsdenkawala ..	443	6.42	13	2.15	18th–19th	234 Tissamaharama ..	Irrigation Engineer, Hambantota Subdivision, Tissa ..	75	3.42	8	2.00
159 Marambande Estate, Puwakptiya ..	Mr. F. C. Northway ..	400	8.51	11	3.00	23rd–24th	235 Tonigala Resthouse ..	Assistant Government Agent, Puttalam ..	—	3.75	12	0.84
160 Marariwatta Estate, Gampola ..	Mr. D. J. Blyth ..	1600	12.66	17	2.96	5th–6th	236 Topawwa, Habarana ..	Apothecary ..	200	1.01	5	0.40
161 Marichchukkadi ..	Apothecary, Marichchukkadi, Manner ..	14	2.21	6	0.86	30th–1st May	237 Trinity College, Kandy ..	Mr. J. N. Thomas ..	1750	4.40	12	1.81
162 Maskeliya Hospital ..	Medical Officer, Maskeliya ..	4200	10.02	16	2.56	29th–30th	238 Udahena Estate, Bandarawela ..	Mr. R. G. Coombe ..	4500	8.21	20	2.07
163 Matale ..	District Engineer, Matale ..	1208	4.22	14	1.21	25th–26th	239 Udukiiriwila ..	Subdivisional Officer, Tangalla, S. D., Weraketiya ..	186	2.24	9	1.32
164 Matara ..	District Engineer, Matara ..	—	2.32	7	1.25	26th–27th	240 Unichchaya Tank ..	Irrigation Engineer, Rugam, S. D., Unichchai ..	120	0.21	1	0.21
165 Maturata Hospital ..	Medical Officer, Maturata ..	3226	6.71	11	2.24	20th–21st	241 Urubokka ..	Subdivisional Officer, Tangalla, S. D., Weraketiya ..	890	6.10	13	2.06
166 Medagama Hospital ..	Medical Officer, Medagama ..	800	5.99	12	2.45	11th–12th	242 Vakaneri ..	Irrigation Engineer, Rugam, S. D., Unichchai ..	120	0.67	2	0.45
167 Mediyawa Tank ..	Subdivisional Officer, Nikaweratiya Subdivision, Nika ..	—	9.21	11	2.70	13th–14th	243 Vangalachettikulam ..	District Engineer, Mannar ..	179	3.73	9	1.40
168 Meorisaboda Estate, Haptale ..	Mr. William Allan ..	3600	10.97	21	2.12	26th–27th	244 Vavuniya ..	District Engineer, Vavuniya ..	318	4.13	9	1.60
169 Meirisatene Estate, Hanguranketa ..	Mr. E. van Schoonbeck ..	4450	4.96	6	2.31	19th–20th	245 Veeragoda ..	Irrigation Engineer, Kalmunai, S. D. ..	99	0.23	3	0.11
170 Mihintale ..	District Engineer, Mihintale ..	354	5.35	15	1.30	9th–10th	246 Vicarton Estate, Matale ..	Mr. M. Perera ..	3250	4.84	11	1.42
171 Milipitiya ..	—	—	—	—	—	—	247 Walton Estate, Monaragala ..	Mr. L. B. Goulay ..	2000	5.93	14	1.26
172 Minnerya ..	District Engineer, Kandy ..	1707	8.24	11	1.81	25th–26th	248 Wannathivu Resthouse ..	Assistant Government Agent, Puttalam ..	—	6.02	7	1.98
173 Monaragala Hospital ..	Irrigation Engineer, Anuradhapura Subdivision ..	309	2.14	6	0.59	27th–28th	249 Waragulanda Estate, Madukkele ..	Mr. J. T. Marshead ..	2000	8.56	15	1.62
174 Morawaka ..	Medical Officer, Monaragala ..	700	5.61	10	1.15	17th–18th	250 Warapolla Estate, Matale ..	Mr. R. H. Coombe ..	1200	3.92	14	0.81
175 Moussgala Estate, Namunukula ..	Apothecary, Morawaka ..	—	10.47	14	3.36	16th–17th	251 Watagala Railway Station ..	Station Master, C. G. R. ..	4402	8.33	18	1.67
176 Mullaitivu ..	Mr. F. W. Eardley Liesching ..	4500	7.20	13	2.58	25th–26th	252 Watawala Railway Station ..	Do. do. ..	3289	7.60	8	1.70
177 Murungan ..	District Engineer, Vavuniya ..	12	0.00	0	—	—	253 Welimeda ..	District Engineer, Diyalatalawa ..	3300	2.22	13	0.64
178 Nachedawu ..	Irrigation Engineer, Giant's Tank Subdivision, Murungan ..	50	2.75	7	0.50	25–26, 26–27, 27–28, & 0–1	254 Wewessa Estate, Badulla ..	Mr. C. F. Way ..	3000	2.64	10	0.70
179 Nalandu Dispensary ..	Irrigation Engineer, Anuradhapura Subdivision ..	336	4.72	16	0.96	28th–29th	255 Woodside Estate, Uragalla ..	Mr. P. C. MacMahon ..	3000	4.61	12	1.85
180 Nanu-oya ..	District Engineer, Nalandu ..	900	3.33	11	1.20	17th–18th	256 Yarrow Estate, Pussellawa ..	Mr. E. A. Clive ..	3600	6.16	18	1.33
181 Nauna Tank ..	Resident Engineer, C. G. R., Nanu-oya ..	5342	3.47	11	1.20	22nd–23rd	257 Yatideriya Estate, Undugoda ..	Mr. G. O. Trevaldwyn ..	800	8.82	15	2.80
182 Nedunkerny ..	District Engineer, Vavuniya ..	122	2.72	3	1.37	22nd–23rd	258 Yatiyantota Resthouse ..	Chairman, District Road Committee, Kegalla ..	—	14.9		