GOVERNMENT NOTIFICATION.—No. 135.

The following Report of the Director of the Observatory on Five-day Means of the Princip Meteorological Elements, for 1885, is published for general information.

By Command,

FREDERICK STEWART,
Acting Colonial Secretary

Colonial Secretary's Office, Hongkong, 17th April, 1886.

FIVE-DAY MEANS OF THE PRINCIPAL METEOROLOGICAL ELEMENTS FOR 1885.

The following five-day means have been constructed according to the recommendations of th International Meteorological Congress.

Hongkong Observatory: The first column exhibits the height of the barometer in inches reduce to 32° Fahrenheit but not to sea level. The cistern is 110 feet above mean sea level. The means hav been derived from the hourly readings.

The second column exhibits the temperature in degrees Fahrenheit as derived from the hourl readings.

The third and fourth columns exhibit the relative humidity in percentage of saturation and th vapour tension in inches of mercury as derived from the means of the hourly readings of the dry an damp bulb thermometers.

The fifth column exhibits the velocity of the wind in miles per hour derived from the hourl readings.

The sixth column exhibits the percentage of the whole sky, that was covered by clouds, fron observations made every three hours.

The seventh column exhibits the average daily number of hours during which the sun shone brightl enough to mark the cards.

The eighth column exhibits the average amount of rain in inches that fell in one day, from mid night to mid-night as derived from the hourly readings.

Victoria Peak: The first column exhibits the height of the barometer in inches reduced to 32 Fahrenheit but not to sea level as derived from tri-diurnal observations. The cistern is 1819 fee above mean sea level.

The second column exhibits the temperature as derived from observations made at 10 a. and 10 p

The third and fourth columns exhibit the relative humidity and tension of vapour as derive from tri-diurnal observations.

The fifth column exhibits the force of the wind (0-12) as derived from tri-diurnal observations.

The sixth column exhibits the average amount of rain in inches, that fell in one day as measured at 10 a. and entered to preceeding day.

HONGKONG OBSERVATORY.

Five-Day Period.	Barometer.	Temperature.	Humidity.	Vapour Tension.	Wind Velocity.	Nebulosity.	Sunshine.	Rain.
January..... 1– 5	30.125	61.2	77	0.421	17.6	33	7.5	0.000
„ 6–10	.051	62.1	77	.432	20.9	56	5.2	0.000
„ 11–15	.067	58.6	73	.366	14.8	81	3.0	0.000
„ 16–20	.085	55.8	76	.344	16.2	86	2.1	0.016
„ 21–25	.107	61.7	82	.455	17.7	83	2.5	0.000
„ 26–30	.165	54.0	77	.323	14.0	83	2.0	0.158
February..... 31– 4	.158	55.6	73	.323	14.2	70	4.3	0.006
„ 5– 9	29.885	59.4	87	.446	19.1	94	1.0	0.043
„ 10–14	30.013	55.8	81	.363	21.8	98	0.6	0.007
„ 15–19	.054	53.0	79	.320	16.9	100	0.0	0.010
„ 20–24	.041	53.3	83	.339	16.9	91	0.1	0.248
„ 25– 1	.091	52.7	76	.303	11.8	91	1.5	0.226
March 2– 6	29.974	61.3	82	.449	12.4	22	8.9	0.000
„ 7–11	30.080	57.0	81	.378	22.5	85	2.1	0.011
„ 12–16	30.107	54.9	81	.353	15.8	82	2.1	0.236
„ 17–21	29.997	59.8	85	.440	13.3	71	3.3	0.024
„ 22–26	.826	67.6	90	.610	11.4	78	4.0	0.040
„ 27–31	.930	63.8	91	.541	21.4	87	3.1	0.183
April 1– 5	.876	68.5	92	.639	17.4	77	5.7	0.000
„ 6–10	.863	70.4	91	.682	16.8	69	4.6	0.050
„ 11–15	.858	71.9	86	.680	16.4	72	6.5	0.000
„ 16–20	.797	69.9	93	.683	17.9	93	1.3	1.134
„ 21–25	.875	68.0	87	.600	19.3	78	2.9	0.817
„ 26–30	.757	73.5	88	.727	12.5	65	6.4	0.977
May 1– 5	.885	71.6	91	.709	17.9	83	3.1	0.322
„ 6–10	.832	76.1	88	.790	12.4	60	7.4	0.015
„ 11–15	.625	76.5	89	.812	18.9	96	2.1	0.223
„ 16–20	.719	76.9	88	.810	15.0	88	3.9	0.007
„ 21–25	.752	81.7	83	.895	13.5	75	6.9	0.116
„ 26–30	.764	81.8	82	.885	10.3	45	8.7	0.118
June 31– 4	.759	81.2	81	.863	8.8	51	9.0	0.174
„ 5– 9	.710	78.4	81	.791	14.9	76	5.0	1.987
„ 10–14	.707	78.6	86	.846	13.9	93	1.6	3.601
„ 15–19	.668	81.8	82	.895	16.4	96	0.7	0.083
„ 20–24	.661	80.6	88	.923	19.8	77	5.1	0.571
„ 25–29	.579	82.4	86	.957	7.9	49	10.6	0.027
„ 30– 4	.526	81.8	86	.936	13.6	96	0.6	0.636
July 5– 9	.667	81.5	83	.890	19.5	90	4.7	0.633
„ 10–14	.779	80.9	83	.873	13.8	76	7.3	0.128
„ 15–19	.597	81.4	78	.839	6.6	26	11.8	0.000
„ 20–24	.584	82.4	79	.880	8.0	70	8.1	0.010
„ 25–29	.597	79.1	88	.878	5.4	80	3.4	0.996
August 30– 3	.514	78.8	90	.882	10.2	96	1.9	1.363
„ 4– 8	.639	79.9	86	.877	7.6	55	7.7	0.434
„ 9–13	.622	79.3	83	.835	10.9	69	6.6	0.276
„ 14–18	.628	80.2	82	.848	21.9	83	5.0	0.521
„ 19–23	.690	80.9	83	.873	9.5	54	6.6	0.282
„ 24–28	.517	81.1	82	.873	15.3	90	2.2	2.023
September 29– 2	.662	78.8	89	.880	4.8	93	2.6	1.086
„ 3– 7	.613	80.2	85	.878	5.1	68	5.8	0.510
„ 8–12	.603	77.9	88	.844	7.3	94	2.0	0.445
„ 13–17	.780	77.9	72	.687	12.3	73	5.1	0.031
„ 18–22	.849	78.0	79	.758	13.0	40	9.2	0.008
„ 23–27	.838	79.5	81	.810	7.3	44	7.0	0.022
October..... 28– 2	.943	77.8	76	.727	11.6	48	6.9	0.047
„ 3– 7	.849	78.6	72	.706	9.5	41	8.3	0.012
„ 8–12	.899	74.4	76	.646	16.2	58	5.2	0.424
„ 13–17	.876	76.8	70	.650	15.0	47	8.2	0.061
„ 18–22	.931	75.2	73	.638	17.5	53	7.6	0.005
„ 23–27	.944	71.0	54	.417	13.1	55	6.6	0.000
ovember..... 28– 1	.946	73.3	74	.607	18.2	50	7.8	0.000
„ 2– 6	.968	70.8	61	.480	13.7	32	8.3	0.108
„ 7–11	.916	71.9	67	.521	8.4	32	8.6	0.008
„ 12–16	30.178	65.7	59	.385	15.0	35	7.8	0.000
„ 17–21	.082	69.2	58	.425	12.8	69	5.7	0.000
„ 22–26	.098	64.6	58	.352	11.0	87	2.4	0.036
ecember 27– 1	.138	64.3	56	.349	13.1	20	8.6	0.000
„ 2– 6	.075	68.0	80	.549	13.7	43	7.2	0.000
„ 7–11	29.984	66.5	79	.519	14.0	49	7.0	0.031
„ 12–16	30.077	60.5	51	.274	9.7	22	9.6	0.000
„ 17–21	29.998	63.4	67	.396	16.5	51	6.0	0.000
„ 22–26	29.892	65.7	83	.537	13.6	80	3.1	0.219
„ 27–31	30.181	56.8	54	.253	15.9	13	9.0	0.000

VICTORIA PEAK.

Five-Day Period.	Barometer.	Temperature.	Humidity.	Vapour Tension.	Wind Force.	Rain.
January 1– 5	28.332	55.8	81	0.376	4.1	0.00
„ 6–10	.275	55.4	89	.407	4.5	0.00
„ 11–15	.262	49.5	90	.329	4.1	0.00
„ 16–20	.271	47.1	90	.308	4.5	0.00
„ 21–25	.324	54.9	95	.423	3.9	0.00
„ 26–30	.338	45.9	90	.292	4.1	0.15
February 31– 4	.337	48.4	86	.301	3.9	0.00
„ 5– 9	.099	54.4	95	.417	4.5	0.08
„ 10–14	.200	48.9	94	.332	4.4	0.05
„ 15–19	.223	44.9	94	.285	4.7	0.03
„ 20–24	.206	46.2	97	.309	4.5	0.56
„ 25– 1	.262	45.6	88	.275	4.1	0.09
March 2– 6	.213	59.5	79	.419	3.4	0.00
„ 7–11	.263	50.2	89	.335	4.9	0.00
„ 12–16	.276	48.8	95	.332	4.5	0.25
„ 17–21	.221	56.5	85	.397	3.8	0.04
„ 22–26	.085	64.2	92	.565	4.2	0.02
„ 27–31	.159	59.9	94	.501	4.3	0.03
April 1– 5	.140	64.8	91	.578	4.3	0.00
„ 6–10	.148	66.6	95	.629	4.9	0.04
„ 11–15	.127	67.2	91	.627	3.9	0.00
„ 16–20	.078	67.0	97	.648	4.4	1.81
„ 21–25	.124	62.9	94	.549	4.5	0.31
„ 26–30	.040	69.1	94	.678	4.4	1.55
May 1– 5	.141	66.1	95	.619	4.1	0.42
„ 6–10	.116	70.6	96	.729	4.2	0.00
„ 11–15	27.925	71.3	97	.744	4.9	0.43
„ 16–20	28.006	71.7	95	.748	3.9	0.00
„ 21–25	.069	74.1	97	.821	4.6	0.14
„ 26–30	.077	74.3	95	.811	4.5	0.34
June 31– 4	.073	74.4	92	.790	4.1	0.03
„ 5– 9	.007	71.9	91	.725	4.5	1.56
„ 10–14	.018	73.1	94	.769	4.9	4.46
„ 15–19	27.992	74.8	98	.844	5.3	0.16
„ 20–24	.982	74.8	96	.829	4.6	0.42
„ 25–29	.921	76.7	92	.854	3.6	0.09
„ 30– 4	.850	76.0	96	.872	4.7	1.40
July 5– 9	.987	74.7	97	.844	5.4	0.29
„ 10–14	28.080	74.6	94	.815	4.4	0.21
„ 15–19	27.922	74.4	91	.790	3.6	0.00
„ 20–24	.903	76.2	90	.829	4.1	0.13
„ 25–29	.923	74.7	95	.815	4.5	1.09
August 30– 3	.837	74.2	96	.811	4.7	2.20
„ 4– 8	.964	74.8	95	.822	3.6	0.13
„ 9–13	.946	75.2	91	.807	3.9	0.17
„ 14–18	.937	74.3	93	.794	5.6	0.87
„ 19–23	.999	75.0	93	.820	4.0	0.24
„ 24–28	.853	75.0	95	.835	5.5	2.76
September 29– 2	.970	73.8	97	.813	4.1	0.84
„ 3– 7	.938	74.9	92	.810	3.3	0.54
„ 8–12	.925	72.8	95	.774	4.1	0.60
„ 13–17	28.063	71.6	86	.677	4.7	0.10
„ 18–22	.141	71.8	90	.720	3.6	0.00
„ 23–27	.139	74.3	93	.799	4.3	0.07
October 28– 2	.213	72.1	88	.703	4.3	0.00
„ 3– 7	.143	73.2	84	.700	3.9	0.19
„ 8–12	.176	68.2	89	.622	4.9	0.31
„ 13–17	.163	70.1	86	.651	4.4	0.00
„ 18–22	.201	68.6	88	.627	4.5	0.00
„ 23–27	.195	65.0	75	.473	4.4	0.00
November 28– 1	.205	67.1	88	.595	4.9	0.00
„ 2– 6	.217	65.0	77	.505	4.3	0.24
„ 7–11	.188	66.1	84	.557	3.3	0.02
„ 12–16	.396	59.9	81	.432	4.6	0.00
„ 17–21	.332	62.1	82	.476	4.1	0.00
„ 22–26	.322	58.9	77	.388	4.2	0.06
December 27– 1	.360	57.7	79	.393	3.8	0.00
„ 2– 6	.317	63.5	89	.535	4.0	0.00
„ 7–11	.234	61.2	91	.506	4.1	0.00
„ 12–16	.295	55.1	80	.360	4.2	0.00
„ 17–21	.222	56.6	86	.404	4.7	0.00
„ 22–26	.143	61.8	93	.523	4.7	0.27
„ 27–31	.369	50.8	79	.300	4.9	0.00

Hongkong Observatory, 17th March, 1886.

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