SUPPLEMENT

To the HONGKONG GOVERNMENT GAZETTE of 10th December, 1887.

GOVERNMENT NOTIFICATION—No. 524.

The following report from the Director of the Observatory for the month of October, 1887, is published for general information.

By Command,

FREDERICK STEWART,
Colonial Secretary.

Colonial Secretary's Office, Hongkong, 10th December, 1887.

HONGKONG OBSERVATORY.

Weather Report for October, 1887.

In the *China Coast Meteorological Register*, based on information transmitted by the Eastern Extension and Great Northern Telegraph Companies, which was daily published, is given a summary of the atmospheric circumstances in Luzon and along the Coast of China, and information concerning the weather in Nagasaki and Wladivostock. It contains also information concerning the first appearance and progress of typhoons.

It was hazy on the mornings of the 10th, 11th and 12th.

Dew fell on the evenings of the 7th and 10th.

On the 18th between $7^{h.}\ 30^{m.}$ and $8^{h.}\ 30^{m.}$ a., a thunderstorm passed from SW through W to NE. It was nearest (20s.) at $8^{h.}\ 2^{m.}$ a.

A lunar halo was noted on the 5th.

The total distance traversed by, as well as the duration and average velocity of winds from different quarters were as follows :—

Direction.	*Total Distance.*	*Duration.*	*Velocity.*
	Miles.	Hours.	Miles per hour.
N	2209	153	14.4
NE	2093	164	12.8
E	4640	288	16.1
SE	612	69	8.9
S	61	16	3.8
SW	18	3	6.0
W	53	10	5.3
NW	29	6	4.8
Calm	22	35	0.6

TABLE I.

BAROMETRIC PRESSURE FOR THE MONTH OF OCTOBER, 1887.

Date.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midt.	Means.
Oct. 1, ...	29.769	29.749	29.750	29.746	29.746	29.765	29.780	29.804	29.814	29.817	29.817	29.801	29.780	29.758	29.750	29.758	29.761	29.762	29.783	29.794	29.805	29.806	29.804	29.798	29.780
,, 2, ...	.783	.771	.759	.759	.769	.780	.798	.810	.817	.815	.811	.794	.759	.737	.722	.722	.724	.734	.738	.757	.770	.776	.769	.757	.768
,, 3, ...	.750	.742	.740	.739	.751	.766	.775	.792	.798	.795	.784	.771	.740	.717	.700	.703	.703	.711	.722	.745	.764	.772	.766	.763	.750
,, 4, ...	.752	.749	.744	.728	.733	.751	.753	.772	.778	.783	.773	.755	.732	.710	.699	.694	.703	.705	.729	.736	.744	.743	.742	.737	.739
,, 5, ...	.722	.717	.694	.697	.697	.706	.722	.736	.738	.736	.725	.703	.667	.644	.637	.631	.632	.646	.661	.686	.705	.707	.701	.684	.691
,, 6, ...	.678	.663	.664	.659	.680	.686	.709	.711	.726	.727	.716	.706	.685	.665	.653	.654	.662	.684	.705	.726	.745	.753	.753	.755	.699
,, 7, ...	.755	.757	.740	.745	.780	.810	35	.846	.852	.857	.846	.831	.823	.796	.791	.800	.815	.831	.857	.882	.894	.897	.899	.898	.827
,, 8, ...	.895	.896	.894	.893	.900	.918		.965	.976	.978	.966	.951	.931	.914	.906	.914	.919	.923	.942	.966	.976	.970	.965	.956	.935
,, 9, ...	.948	.940	.932	.931	.936	.949		.976	.981	.982	.969	.944	.920	.901	.889	.888	.890	.898	.904	.925	.933	.932	.918	.903	.932
,, 10, ...	.896	.889	.882	.871	.881	.893	.902	.921	.931	.927	.917	.892	.863	.833	.824	.831	.839	.851	.863	.885	.892	.890	.887	.879	.881
,, 11, ...	.869	.856	.849	.843	.861	.878	.897	.923	.931	.927	.909	.887	.862	.845	.841	.833	.840	.853	.871	.884	.898	.902	.906	.899	.878
,, 12, ...	.897	.890	.884	.883	.894	.918	.930	.947	.957	.956	.936	.911	.887	.875	.874	.882	.890	.900	.919	.939	.951	.961	.957	.948	.916
,, 13, ...	.939	.936	.932	.939	.950	.960	.981	.997	30.013	30.014	30.003	.974	.951	.927	.916	.915	.921	.936	.953	.975	.976	.976	.971	.970	.959
,, 14, ...	.959	.954	.945	.947	.953	.965	.973	.988	29.997	29.989	29.969	.945	.928	.905	.892	.896	.897	.902	.911	.927	.943	.947	.944	.944	.943
,, 15, ...	.937	.925	.918	.914	.912	.925	.945	.954	.970	.959	.943	.920	.896	.881	.872	.868	.880	.896	.915	.934	.942	.941	.940	.929	.921
,, 16, ...	.918	.903	.889	.887	.892	.902	.923	.939	.953	.948	.938	.917	.888	.866	.851	.842	.846	.855	.869	.889	.899	.903	.903	.894	.896
,, 17, ...	.878	.870	.855	.851	.848	.864	.883	.902	.912	.914	.903	.879	.862	.839	.825	.825	.823	.826	.829	.844	.848	.846	.835	.835	.858
,, 18, ...	.826	.809	.791	.787	.784	.795	.814	.848	.866	.867	.855	.846	.810	.788	.789	.794	.802	.810	.808	.844	.852	.866	.869	.870	.825
,, 19, ...	.870	.850	.847	.845	.851	.870	.887	.902	.921	.925	.907	.899	.883	.870	.863	.869	.880	.879	.893	.912	.924	.925	.925	.913	.888
,, 20, ...	.903	.904	.893	.884	.886	.894	.907	.923	.934	.938	.945	.930	.918	.905	.898	.894	.891	.895	.901	.916	.918	.916	.912	.906	.909
,, 21, ...	.897	.884	.874	.874	.874	.881	.903	.918	.934	.930	.906	.871	.837	.805	.794	.796	.816	.826	.849	.868	.878	.882	.870	.865	.868
,, 22, ...	.854	.844	.838	.843	.851	.869	.892	.915	.924	.921	.897	.869	.836	.820	.814	.815	.823	.830	.852	.869	.867	.879	.883	.889	.862
,, 23, ...	.883	.871	.872	.877	.891	.917	.951	.978	.980	.981	.969	.945	.919	.907	.901	.903	.907	.924	.935	.949	.956	.958	.960	.951	.929
,, 24, ...	.942	.937	.933	.927	.935	.952	.978	.989	.997	.996	.975	.954	.935	.918	.920	.925	.932	.941	.966	.981	.989	.986	.982	.977	.957
,, 25, ...	.968	.961	.960	.962	.972	30.000	30.011	30.030	30.042	30.044	30.030	30.011	.981	.964	.959	.966	.975	.987	30.000	30.029	30.035	30.039	30.037	30.026	30.000
,, 26, ...	30.026	30.023	30.022	30.024	30.025	.044	.061	.076	.085	.081	.058	.032	30.011	.993	.984	.982	.983	.994	.012	.037	.046	.047	.047	.042	.031
,, 27, ...	.026	.015	.003	.001	.004	.021	.033	.046	.056	.049	.030	29.996	29.965	.945	.932	.930	.943	.951	29.973	29.999	.007	.018	.022	.012	29.999
,, 28, ...	.006	29.994	29.992	29.991	29.999	.019	.038	.053	.063	.058	.044	30.029	30.003	.990	.975	.971	.975	.985	.999	30.030	.037	.040	.040	.031	30.015
,, 29, ...	.032	30.010	30.003	30.003	30.011	.025	.044	.061	.075	.082	.065	.035	.009	.983	.965	.968	.979	.992	30.008	.038	.041	.042	.044	.032	.023
,, 30, ..	.025	.004	29.987	29.987	29.985	29.993	.011	.019	.041	.041	.015	29.995	29.974	.958	.953	.961	.967	.968	29.976	29.993	29.998	.012	.014	.004	29.995
,, 31, ...	29.994	29.990	.965	.963	.972	.990	.007	.022	.033	.026	29.999	.964	.953	.931	.923	.931	.940	.949	.966	.988	.993	29.997	.003	.003	.979
Hourly Means, ...	29.890	29.881	29.873	29.871	29.878	29.894	29.911	29.928	29.939	29.938	29.923	29.902	29.878	29.858	29.849	29.850	29.857	29.866	29.881	29.902	29.911	29.914	29.912	29.905	29.892

TABLE II.

TEMPERATURE FOR THE MONTH OF OCTOBER 1887.

Date.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midt.	Means.	Max.	Min.
Oct. 1,	76.0	76.5	76.2	75.9	75.7	73.8	74.6	76.0	78.0	79.7	80.2	79.2	80.6	81.5	80.4	80.0	79.8	79.5	79.2	78.5	77.4	77.5	77.0	76.1	77.9	81.6	73.0
„ 2,	76.1	75.1	75.3	75.3	74.4	74.1	76.2	77.6	78.4	79.7	80.2	80.1	80.7	80.4	79.9	80.1	79.8	79.0	78.6	78.3	78.1	78.0	77.8	77.9	78.0	80.7	73.7
„ 3,	77.9	78.1	77.9	78.0	77.8	77.0	77.9	79.5	80.0	81.3	82.1	82.7	82.9	81.8	81.0	80.1	79.6	79.2	79.0	79.2	79.2	78.7	78.1	79.0	79.5	82.9	76.9
„ 4,	78.7	76.8	76.2	75.9	76.7	75.3	76.9	79.3	80.8	81.8	83.5	83.8	83.9	84.2	83.8	82.7	82.2	80.2	80.1	79.3	78.6	78.4	77.6	78.1	79.8	84.2	75.3
„ 5,	78.0	75.7	75.7	76.8	76.6	76.0	76.1	77.8	79.3	80.8	81.6	82.9	83.4	83.9	83.9	82.7	82.2	79.9	79.4	78.4	77.2	78.5	78.3	77.4	79.3	84.8	75.2
„ 6,	77.0	76.5	76.0	75.3	74.6	74.1	74.7	76.3	77.2	79.0	79.6	80.5	81.8	82.7	82.9	82.3	81.1	79.0	77.3	78.3	78.0	77.7	77.3	76.8	78.2	82.9	74.1
„ 7,	76.7	76.4	75.7	75.0	73.8	73.0	74.0	76.1	78.4	79.7	80.9	82.7	83.7	82.6	81.9	82.1	80.1	78.9	76.7	76.0	74.6	74.4	74.6	74.0	77.6	83.7	73.0
„ 8,	74.4	74.0	74.2	73.1	72.3	73.7	74.1	77.0	77.8	78.5	79.2	79.0	79.6	79.1	79.8	80.0	79.3	77.6	77.2	77.0	77.0	76.8	76.9	77.4	76.9	80.0	72.2
„ 9,	76.4	76.4	76.3	74.9	75.0	74.8	74.9	76.2	77.8	78.8	78.2	78.2	78.1	78.4	78.5	77.0	76.6	76.0	74.5	74.5	73.9	73.7	73.5	73.8	76.1	78.8	73.4
„ 10,	75.1	73.7	73.8	73.8	73.9	73.9	74.6	76.5	78.2	79.5	80.2	79.8	79.0	79.5	79.1	78.3	77.1	76.0	74.7	74.4	73.9	73.6	73.1	73.0	76.0	80.2	73.0
„ 11,	73.0	72.8	72.8	72.3	72.9	72.9	74.1	76.4	78.2	79.0	81.7	80.2	80.7	80.4	80.1	80.7	78.9	76.6	75.9	75.6	75.3	74.9	74.7	74.9	76.5	81.7	72.1
„ 12,	74.9	73.9	75.2	74.2	74.1	73.7	75.0	77.3	79.6	81.0	82.8	82.6	83.8	83.0	81.8	80.1	79.4	77.8	77.4	77.3	77.2	77.0	76.5	76.8	78.0	83.8	73.6
„ 13,	77.1	77.2	76.8	76.6	77.1	77.1	78.0	78.5	79.0	79.9	80.3	80.0	79.8	80.1	79.5	79.2	77.9	76.7	76.4	76.4	76.5	76.6	76.4	76.4	77.9	80.3	76.4
„ 14,	76.4	76.7	77.0	76.9	76.5	76.6	77.1	78.3	79.1	80.5	80.8	81.6	81.5	80.3	80.2	79.4	78.5	77.1	76.8	76.4	76.3	75.2	75.0	74.5	77.9	81.6	74.2
„ 15,	74.1	74.6	74.7	74.2	74.2	75.5	76.7	78.1	79.5	80.8	80.6	80.8	80.7	80.1	79.5	78.6	77.9	77.3	76.9	76.0	75.6	75.4	75.1	74.3	77.1	81.0	73.8
„ 16,	73.8	73.4	74.0	74.4	74.3	75.6	76.2	77.7	78.1	79.2	80.4	80.5	81.4	80.6	79.6	78.0	77.6	77.2	77.0	77.0	77.1	77.0	76.9	76.6	77.2	81.4	73.2
„ 17,	76.5	76.4	76.1	75.9	76.1	77.3	77.8	77.9	79.0	79.6	80.7	79.0	80.5	79.3	79.3	77.9	77.6	77.8	77.4	77.4	76.3	75.9	75.5	74.9	77.6	80.7	74.7
„ 18,	75.4	75.3	75.6	74.8	75.1	75.5	75.9	71.8	72.8	73.7	75.1	75.1	77.0	77.3	77.7	75.7	75.4	75.3	74.7	74.6	74.8	73.7	72.3	73.9	74.9	78.5	71.8
„ 19,	73.6	74.1	74.2	72.5	72.0	72.4	72.7	73.5	74.8	74.7	75.5	73.7	75.0	74.1	74.9	73.8	74.0	73.1	73.1	73.7	73.2	73.8	74.3	73.7	73.8	76.0	72.0
„ 20,	73.6	74.2	73.1	73.5	73.7	74.6	74.1	74.9	75.7	76.2	76.2	75.8	75.9	76.7	77.4	76.8	76.5	76.1	75.9	75.5	75.6	75.6	74.3	74.3	75.3	77.5	72.6
„ 21,	73.7	73.1	73.4	73.0	73.3	72.5	73.8	75.8	77.4	79.3	81.2	81.0	82.3	82.7	82.0	81.9	80.7	79.5	79.2	79.2	78.8	78.9	78.2	77.6	77.9	82.7	72.4
„ 22,	77.2	76.9	76.1	75.0	75.5	74.8	74.9	76.2	77.5	78.3	79.8	81.0	81.9	82.1	81.2	80.1	78.9	78.1	77.0	76.7	75.5	73.8	72.8	72.7	77.2	82.3	72.5
„ 23,	72.5	71.6	71.5	71.6	71.4	71.3	70.4	72.8	74.6	75.4	76.5	76.6	76.6	76.1	75.5	75.0	74.6	73.9	74.0	74.2	73.9	73.6	73.3	73.1	73.8	76.6	70.3
„ 24,	73.0	72.8	71.8	71.7	71.7	70.5	71.1	72.7	73.4	74.6	75.1	75.4	74.8	74.9	74.8	74.6	74.5	72.7	72.6	72.1	70.9	71.7	71.0	71.3	72.9	75.4	70.5
„ 25,	71.7	71.3	72.4	71.4	71.2	70.9	71.4	73.0	75.0	75.3	76.3	76.6	77.1	77.3	76.5	76.8	76.0	74.8	74.8	74.6	74.6	74.2	74.1	73.8	74.2	77.7	70.6
„ 26,	73.8	73.4	72.3	72.3	72.0	71.8	71.0	72.7	74.2	74.8	75.9	76.6	75.8	75.7	75.6	75.4	74.5	73.8	73.3	72.9	72.8	72.9	72.4	72.2	73.7	76.6	70.9
„ 27,	72.2	71.8	71.7	71.3	70.6	70.1	69.8	71.4	72.9	74.3	74.7	76.5	75.8	75.8	73.8	73.0	72.0	71.8	71.8	71.9	72.1	72.2	72.4	72.1	72.6	76.5	68.9
„ 28,	72.2	72.3	72.4	72.2	71.4	71.7	71.5	72.6	73.4	73.3	74.3	74.1	73.5	73.6	72.8	72.3	72.4	72.6	71.8	72.6	72.7	73.0	72.8	72.7	72.7	74.3	70.8
„ 29,	72.6	73.0	72.2	71.5	71.6	71.0	70.6	71.6	73.3	73.6	73.3	73.9	73.7	72.9	72.8	72.7	72.7	72.7	72.6	72.6	72.8	72.5	72.4	72.2	72.5	74.3	70.5
„ 30,	72.1	71.5	71.2	70.8	70.5	70.7	70.7	71.8	72.5	73.4	73.8	73.7	74.0	*74.0	74.0	73.5	72.2	71.8	71.8	71.8	71.2	70.8	69.8	69.2	71.9	74.0	69.2
„ 31,	69.3	69.8	71.3	69.4	70.6	70.6	69.7	70.6	72.8	73.9	75.1	76.1	74.8	74.4	74.2	73.8	72.1	71.4	71.0	69.6	68.8	67.0	66.0	64.6	71.1	76.1	64.6
Hourly Means,	74.7	74.4	74.3	73.9	73.8	73.6	74.1	75.4	76.7	77.7	78.6	78.7	79.0	78.9	78.5	77.9	77.2	76.2	75.7	75.5	75.2	74.9	74.5	74.4	76.0	79.6	72.4

* Interpolated.

TABLE III.

TEMPERATURE OF EVAPORATION AND RADIATION, FOR THE MONTH OF OCTOBER, 1887.

Date.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midt.	Means.	Sun.	Rad.
Oct. 1,.....	73.2	71.0	69.5	69.0	69.3	68.5	68.4	69.5	70.2	70.4	70.8	70.9	71.1	72.3	72.2	72.5	71.7	71.6	71.6	70.6	70.6	70.6	70.7	69.3	70.6	148.1	69.9
,, 2,.....	69.8	69.6	69.1	68.5	68.3	68.8	69.5	70.4	70.8	71.2	70.9	70.8	70.7	70.4	70.1	70.5	70.1	68.9	69.5	71.2	71.9	72.5	72.3	71.1	70.3	141.2	74.3
,, 3,.....	70.8	70.8	69.8	70.2	70.0	69.2	69.6	68.5	68.7	69.8	70.1	69.8	71.4	71.3	70.6	71.3	71.0	70.8	71.5	71.1	71.5	70.9	71.0	72.2	70.5	140.5	72.7
,, 4,.....	72.6	71.4	72.0	71.4	69.9	68.3	68.6	69.6	70.1	71.2	71.7	71.5	72.1	72.4	72.7	72.7	72.5	72.3	72.6	72.8	73.3	73.2	73.2	73.3	71.7	143.0	69.5
,, 5,.....	73.4	71.9	69.3	65.8	64.6	*64.4	64.3	65.3	65.7	65.8	66.1	66.3	66.4	65.6	65.8	65.5	65.8	63.8	64.7	65.0	65.7	64.1	63.5	61.9	65.9	139.9	66.8
,, 6,.....	61.9	60.2	59.3	57.8	58.9	59.0	59.9	59.7	60.7	61.6	61.8	62.2	63.6	65.1	66.0	66.4	65.2	64.0	*63.3	62.7	62.0	62.3	61.4	61.1	61.9	139.6	67.7
,, 7,.....	60.5	59.7	59.1	58.9	59.2	60.1	60.9	63.2	62.7	63.0	64.3	64.7	67.2	67.6	65.3	65.8	65.0	66.0	66.2	66.1	66.5	67.3	66.6	66.7	63.9	140.1	63.7
,, 8,.....	67.2	67.2	68.2	68.1	67.4	65.0	65.7	68.2	68.7	69.7	69.9	69.4	68.2	68.5	68.3	65.4	65.3	67.2	67.7	68.3	68.2	68.0	68.0	68.9	67.8	185.7	63.7
,, 9,.....	67.9	68.0	68.7	68.5	67.8	66.5	65.1	65.6	65.7	66.8	66.6	66.5	66.0	66.5	66.1	64.9	65.7	65.9	66.0	66.5	67.1	67.1	66.7	66.4	66.6	135.3	66.7
,, 10,.....	67.7	67.4	67.4	67.8	67.0	68.4	67.9	69.5	70.1	70.9	70.0	70.1	70.4	69.9	69.2	68.3	68.1	68.1	67.6	68.0	68.8	68.5	68.5	68.8	68.7	149.3	64.0
,, 11,.....	68.7	68.6	68.6	68.5	68.9	68.1	69.8	69.2	69.1	70.1	70.5	70.0	70.2	70.9	70.6	70.3	69.7	69.1	69.0	69.4	69.9	70.0	70.4	69.8	69.6	140.7	65.2
,, 12,.....	69.1	69.4	69.5	69.7	69.8	70.1	71.0	70.4	70.1	70.2	70.9	71.7	72.3	72.7	72.8	70.7	70.5	69.6	69.2	69.1	69.7	69.8	69.2	69.6	70.3	138.9	68.6
,, 13,.....	69.1	69.5	69.5	68.3	68.2	66.6	67.1	68.9	68.8	68.2	70.0	69.9	70.2	70.3	70.5	71.0	71.0	70.4	70.3	70.4	70.3	70.7	71.0	71.2	69.6	135.6	69.1
,, 14,.....	71.3	71.5	71.5	70.5	69.8	69.2	70.0	69.4	70.0	71.4	71.2	72.1	72.4	71.0	70.0	70.5	69.8	69.5	68.7	69.5	70.5	70.6	70.4	70.5	70.5	139.7	70.3
,, 15,.....	70.4	70.5	70.4	70.4	70.4	70.9	71.6	71.4	71.0	71.5	71.5	70.1	69.4	70.5	70.0	70.5	70.4	69.8	69.9	69.6	69.7	70.0	69.6	69.9	70.4	139.6	67.4
,, 16,.....	69.7	69.8	69.7	69.8	69.9	70.4	71.2	71.8	71.5	71.8	71.8	72.3	72.9	72.5	72.1	71.6	71.5	71.4	71.4	71.5	72.3	71.7	71.7	71.4	71.3	144.8	67.0
,, 17,.....	70.7	71.5	70.7	70.6	71.1	71.4	71.7	71.5	72.3	72.7	72.4	71.8	72.6	73.0	72.7	73.0	72.6	71.4	71.2	70.9	71.3	71.1	71.2	71.5	71.7	139.8	72.2
,, 18,.....	71.3	71.6	71.7	71.5	72.2	72.5	73.1	70.5	71.2	72.1	72.7	72.9	74.4	74.2	73.7	74.0	72.1	72.1	72.6	72.6	72.5	71.2	70.0	71.3	72.2	140.3	70.6
,, 19,.....	71.3	71.3	71.7	70.6	70.6	70.9	70.8	70.8	71.2	71.2	71.2	70.9	71.9	71.0	71.2	70.5	69.7	70.3	70.4	70.1	70.3	70.1	70.2	69.7	70.7	108.5	70.3
,, 20,.....	69.8	69.7	69.4	68.7	68.9	69.0	68.9	69.1	69.1	69.3	69.8	69.5	69.6	70.0	69.5	69.5	69.7	70.3	70.4	70.2	69.6	70.1	68.6	69.1	69.5	121.0	69.5
,, 21,.....	69.4	69.0	69.3	69.0	69.3	69.3	69.7	69.8	68.0	67.3	68.1	67.5	67.2	67.0	66.6	66.8	66.5	66.1	65.9	65.6	65.3	64.5	63.7	62.9	67.2	138.3	68.8
,, 22,.....	62.4	62.0	61.5	61.4	60.3	60.0	60.6	61.8	61.9	63.1	63.7	63.0	63.5	64.4	64.3	63.9	63.9	62.6	63.3	62.6	61.1	60.2	58.9	58.3	62.0	137.1	65.5
,, 23,.....	57.9	56.6	55.9	55.6	55.1	54.6	57.4	58.2	60.0	60.9	61.6	61.9	62.0	62.4	63.4	64.2	63.5	64.1	64.9	64.1	65.6	65.3	65.1	65.0	61.1	132.3	63.3
,, 24,.....	65.6	65.2	65.4	65.1	64.6	64.5	64.1	65.3	65.2	64.1	63.1	63.7	62.8	62.7	62.6	61.8	60.5	61.1	62.7	62.6	63.1	64.2	64.3	64.8	63.7	131.7	64.0
,, 25,.....	64.9	65.1	65.2	65.4	64.3	64.5	65.4	65.5	66.1	65.1	65.2	64.5	64.2	64.7	64.7	64.4	64.1	64.5	64.0	65.0	65.6	65.9	65.9	66.0	65.0	132.6	66.2
,, 26,.....	65.7	65.6	64.6	64.0	61.9	60.4	60.8	61.0	62.6	62.4	62.8	63.7	63.5	64.1	64.5	64.6	64.7	64.6	64.8	65.0	65.3	65.7	65.8	65.8	63.9	132.8	70.6
,, 27,.....	65.2	65.3	65.2	64.5	64.6	63.4	63.8	64.0	64.2	64.2	64.1	64.9	64.7	65.0	65.1	65.6	64.5	64.0	64.5	65.0	64.8	64.7	64.8	64.7	64.6	133.6	62.7
,, 28,.....	64.5	65.7	65.7	65.1	64.4	64.1	63.2	60.3	60.5	62.1	64.4	63.2	62.9	62.9	62.8	63.1	63.8	65.0	65.2	65.2	65.9	65.8	65.9	65.2	64.0	131.3	66.3
,, 29,.....	65.5	66.5	65.8	65.3	65.2	64.3	64.5	64.4	63.7	63.9	62.7	63.9	64.5	63.8	63.8	64.2	64.4	65.4	64.8	65.5	65.8	66.2	*66.1	*65.9	64.8	130.2	67.7
,, 30,.....	*65.8	*65.4	*65.2	*64.9	*64.7	*64.8	64.8	65.1	63.8	62.9	63.2	63.4	64.0	64.5	65.0	64.8	64.5	64.1	64.7	64.9	65.0	65.5	65.6	65.0	64.7	134.2	66.5
,, 31,.....	65.0	63.9	63.7	62.7	58.2	58.6	59.0	60.0	61.5	62.3	63.5	62.7	61.7	62.0	61.9	62.1	61.8	61.4	61.0	60.4	59.0	57.7	57.4	57.2	61.0	136.2	61.7
Hourly Means,.....	67.7	67.4	67.2	66.7	66.3	66.0	66.4	66.7	66.9	67.3	67.6	67.6	67.9	68.0	67.9	67.8	67.4	67.3	67.4	67.5	67.7	67.6	67.3	67.2	67.3	136.5	67.5

* Interpolated.

TABLE IV.

MEAN HOURLY AND DAILY RELATIVE HUMIDITY AND TENSION OF AQUEOUS VAPOUR FOR THE MONTH OF OCTOBER, 1887.

Hour.	Hourly Mean.		Date.	Daily Mean.	
	Humidity.	Tension.		Humidity.	Tension.
			1887.		
1 a	68	0.589	Oct. 1,.....	69	0.652
2 „	68	.582	„ 2,.....	66	.639
3 „	68	.576	„ 3,.....	61	.626
4 „	67	.564	„ 4,.....	66	.670
5 „	65	.551	„ 5,.....	46	.458
6 „	65	.543	„ 6,.....	35	.338
7 „	64	.550	„ 7,.....	44	.412
8 „	61	.544	„ 8,.....	61	.560
9 „	58	.534	„ 9,.....	59	.527
10 „	55	.534	„ 10,.....	68	.605
11 „	54	.534	„ 11,.....	69	.632
Noon.	54	.532	„ 12,.....	66	.639
1 p	54	.539	„ 13,.....	64	.613
2 „	54	.544	„ 14,.....	67	.648
3 „	56	.546	„ 15,.....	70	.655
4 „	58	.550	„ 16,.....	73	.688
5 „	58	.545	„ 17,.....	74	.699
6 „	60	.554	„ 18,.....	87	.756
7 „	63	.565	„ 19,.....	86	.711
8 „	64	.572	„ 20,.....	74	.644
9 „	66	.583	„ 21,.....	55	.524
10 „	67	.583	„ 22,.....	38	.354
11 „	67	.577	„ 23,.....	44	.371
Midt.	67	.575	„ 24,.....	58	.468
			„ 25,.....	58	.496
			„ 26,.....	56	.465
			„ 27,.....	63	.504
			„ 28,.....	59	.481
			„ 29,.....	64	.511
			„ 30,.....	66	.516
			„ 31,.....	53	.404
Mean, ...	62	0.557	Mean,.....	62	0.557

TABLE V.

DURATION OF SUNSHINE.

Date.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	Sums.
1887.														
Oct. 1,	...	0.8	1.0	1.0	1.0	1.0	0.7	1.0	1.0	0.1	...	...	...	7.6
„ 2,	...	...	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	...	9.4
„ 3,	...	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	...	10.9
„ 4,	...	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	...	10.7
„ 5,	...	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	...	10.7
„ 6,	...	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	...	10.8
„ 7,	...	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	...	10.9
„ 8,	...	...	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	...	9.4
„ 9,	...	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	...	10.9
„ 10,	...	0.5	0.9	1.0	1.0	1.0	0.9	1.0	1.0	1.0	1.0	0.8	...	10.1
„ 11,	...	0.7	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.7	1.0	0.8	...	9.5
„ 12,	...	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.4	...	9.7
„ 13,	...	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	1.0	0.1	...	9.7
„ 14,	...	0.3	1.0	1.0	1.0	1.0	1.0	0.9	1.0	1.0	0.7	0.3	...	9.2
„ 15,	...	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	...	10.1
„ 16,	...	0.5	1.0	0.6	1.0	1.0	0.8	1.0	1.0	1.0	1.0	0.8	...	9.7
„ 17,	...	0.6	0.9	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.6	0.4	...	9.4
„ 18,	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 19,	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 20,	...	...	...	...	0.2	...	...	0.2	...	...	...	...	...	0.4
„ 21,	...	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	...	10.9
„ 22,	...	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	...	10.9
„ 23,	...	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	...	10.6
„ 24,	...	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	...	10.6
„ 25,	...	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	...	10.5
„ 26,	...	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	...	10.6
„ 27,	...	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	...	10.1
„ 28,	...	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	...	10.4
„ 29,	...	0.1	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	...	9.7
„ 30,	...	0.5	1.0	1.0	1.0	1.0	1.0	1.0	0.4	1.0	0.4	...	...	8.3
„ 31,	...	0.3	0.7	1.0	1.0	1.0	0.7	1.0	1.0	1.0	1.0	0.7	...	9.4
Sums,.....	...	17.2	26.3	27.6	28.2	28.0	27.1	28.1	26.7	26.5	25.4	20.0	...	281.1
Hourly Means, ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

TABLE VI.

RAINFALL FOR THE MONTH OF OCTOBER, 1887.

Date.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midt.	Sums.
Oct. 1,	0·165	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·165
,, 2,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
,, 3,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·010	0·010
,, 4,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
,, 5,	...	0·020	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·020
,, 6,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
,, 7,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
,, 8,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
,, 9,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
,, 10,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
,, 11,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
,, 12,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
,, 13,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
,, 14,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
,, 15,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
,, 16,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
,, 17,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
,, 18,	...	...	...	...	...	...	0·070	0·930	0·320	0·160	0·125	...	...	...	...	0·055	...	...	...	...	...	...	...	...	1·660
,, 19,	...	...	...	0·030	...	...	...	0·015	0·010	...	...	0·005	0·065	0·005	...	...	...	0·005	0·020	...	...	...	...	...	0·155
,, 20,	...	...	...	0·020	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·020
,, 21,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
,, 22,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
,, 23,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
,, 24,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
,, 25,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
,, 26,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
,, 27,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
,, 28,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
,, 29,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
,, 30,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
,, 31,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sums,	0·165	0·020	...	0·050	...	...	0·070	0·945	0.330	0·160	0·125	0·005	0·065	0·005	...	0·055	...	0·005	0·020	...	...	...	...	0·010	2·030

TABLE VII.

DIRECTION AND VELOCITY OF THE WIND FOR THE MONTH OF OCTOBER, 1887.

DATE.	1 a.		2 a.		3 a.		4 a.		5 a.		6 a.		7 a.		8 a.		9 a.		10 a.		11 a.		Noon.		1 p.		2 p.		3 p.		4 p.		5 p.		6 p.		7 p.		8 p.		9 p.		10 p.		11 p.		Midt.		Sums.	Means.
	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.		
Oct. 1,	1	10	1	15	1	19	1	15	1	11	32	15	32	15	32	6	5	14	7	19	7	21	7	19	7	14	8	16	7	14	8	12	7	11	4	9	5	8	2	13	32	13	2	9	2	11	1	11	320	13.3
,, 2,	1	8	1	5	1	11	1	14	1	11	1	6	3	10	4	14	6	15	7	18	7	19	8	20	8	16	10	18	9	14	9	14	9	14	8	13	7	10	7	10	6	9	6	8	6	7	7	16	300	12.5
,, 3,	6	18	3	12	3	14	4	13	4	15	5	15	5	13	4	17	5	18	5	21	4	17	5	15	8	18	8	18	9	21	9	23	8	18	7	15	7	17	7	13	7	9	6	6	6	4	6	9	359	15.0
,, 4,	7	13	2	14	3	8	1	9	1	11	1	12	1	13	2	7	5	14	4	14	5	14	6	10	8	10	10	8	9	8	9	8	9	3	4	5	11	8	10	8	9	11	9	7	9	4	6	6	225	9.4
,, 5,	6	4	1	7	32	10	1	15	1	16	1	18	1	20	1	24	1	22	1	20	1	16	1	16	30	10	30	8	31	11	31	12	31	10	30	3	30	2	28	4	30	3	32	10	32	10	32	15	283	11.8
,, 6,	32	15	32	27	32	25	32	31	32	30	1	32	1	30	32	35	1	29	32	30	32	25	32	21	1	18	2	16	1	13	31	9	30	5	1	5	2	3	2	9	1	15	2	21	2	22	2	24	490	20.4
,, 7,	2	25	1	25	1	30	1	24	32	8	8	2	22	3	32	6	1	15	32	14	32	11	31	5	17	3	22	6	10	7	11	6	7	3	14	4	14	3	...	1	...	1	...	1	13	2	..	1	206	8.6
,, 8,	...	0	...	1	13	2	...	1	...	1	1	7	1	9	3	12	5	15	6	17	8	19	8	19	8	19	7	20	8	18	8	17	8	18	8	15	8	12	7	12	8	14	7	13	6	12	5	10	283	11.8
,, 9,	7	15	6	14	5	13	5	11	5	15	5	15	2	14	4	14	7	15	8	24	8	21	8	24	8	23	9	18	9	22	10	23	9	17	11	11	12	8	12	7	12	6	13	4	13	3	12	4	341	14.2
,, 10,	13	7	...	1	...	0	...	0	31	2	...	1	...	0	6	5	4	8	6	9	10	12	10	12	10	14	9	18	9	18	10	16	11	12	11	9	12	5	14	4	...	0	...	1	...	0	...	0	154	6.4
,, 11,	...	0	...	0	...	0	...	1	...	0	...	0	...	1	1	3	...	1	26	4	24	4	25	8	24	6	16	3	16	7	18	5	18	7	16	5	16	5	16	5	16	5	16	3	...	1	16	3	77	3.2
,, 12,	16	2	...	1	16	2	16	3	16	3	...	1	...	1	5	3	10	5	11	6	12	6	20	5	24	7	10	9	10	13	9	15	11	15	9	13	7	12	8	9	7	6	6	7	6	7	7	9	160	6.7
,, 13,	6	7	5	7	5	7	4	6	4	8	5	11	6	14	7	18	7	19	8	21	10	19	10	21	9	21	10	21	9	23	8	21	9	21	7	14	7	15	7	12	7	11	6	10	6	9	6	9	345	14.4
,, 14,	8	15	8	16	7	16	6	16	7	13	7	11	6	11	7	12	9	12	10	11	10	10	10	10	9	9	8	12	8	12	9	13	11	11	11	7	12	8	11	8	11	7	11	4	...	0	...	1	245	10.2
,, 15,	10	4	9	8	7	6	7	6	9	5	5	5	4	10	4	10	4	10	8	11	10	13	10	17	10	19	10	19	9	19	10	16	10	14	11	10	12	8	13	5	13	4	13	5	...	1	...	1	226	9.4
,, 16,	13	2	13	2	7	5	6	8	6	7	5	10	4	14	5	12	7	16	7	19	8	15	8	19	10	23	9	23	9	23	9	24	8	24	9	18	8	20	9	21	9	21	9	20	8	19	386	16.1
,, 17,	8	21	9	21	7	16	8	16	8	18	10	19	10	19	9	20	8	21	9	22	9	20	8	21	8	21	8	19	8	21	9	22	9	15	11	11	13	9	11	10	13	5	13	5	13	4	11	5	381	15.9
,, 18,	11	4	11	4	12	5	13	6	7	4	12	6	8	9	13	11	31	2	12	5	5	7	8	5	4	2	30	3	24	3	22	5	24	5	24	3	5	3	6	5	9	6	3	6	4	3	9	7	119	5.0
,, 19,	9	6	5	7	9	7	4	4	2	4	2	2	2	4	2	5	1	4	3	7	3	9	4	6	1	7	...	1	30	3	32	4	5	8	32	5	2	3	5	12	7	14	5	15	5	19	5	21	177	7.4
,, 20,	5	19	4	21	6	23	6	27	6	28	6	28	7	34	6	32	6	28	6	29	6	20	6	21	6	21	7	21	7	17	7	17	7	13	7	14	7	16	6	13	4	7	4	9	3	6	2	9	476	19.8
,, 21,	2	6	2	6	2	5	2	4	3	4	1	6	1	4	32	5	32	9	1	18	32	13	32	14	32	13	1	15	32	14	32	15	1	12	31	10	30	9	1	8	1	11	32	14	1	19	32	19	253	10.5
,, 22,	32	23	32	21	32	21	32	14	32	28	1	30	32	25	1	20	1	25	1	26	2	21	2	21	1	26	2	19	1	17	1	13	1	16	1	17	1	16	1	23	1	31	1	31	1	28	1	19	531	22.1
,, 23,	1	18	1	24	1	24	1	19	1	21	1	14	2	2	1	4	4	4	6	14	5	13	6	18	7	20	7	20	7	19	7	17	7	15	7	11	5	9	4	9	4	11	7	15	6	13	7	19	353	14.7
,, 24,	6	17	3	14	4	13	4	15	4	17	4	15	3	14	4	19	4	17	6	19	8	18	8	20	9	22	9	21	10	23	8	19	7	16	7	13	6	9	5	6	5	5	6	8	4	6	6	8	354	14.7
,, 25,	5	8	5	9	4	10	4	16	4	13	3	10	4	15	4	15	5	15	5	18	5	16	6	15	7	15	9	21	8	17	8	14	7	16	7	13	6	11	6	11	7	17	7	21	7	21	7	22	359	15.0
,, 26,	6	22	5	20	6	18	5	18	5	19	5	16	4	10	4	15	5	14	7	23	7	21	8	20	9	17	9	17	10	16	10	18	8	16	7	11	6	10	7	8	7	11	7	17	7	18	7	19	394	16.4
,, 27,	6	19	6	12	4	14	4	11	4	13	3	9	4	11	5	13	6	10	9	10	10	7	13	8	10	9	10	15	10	20	8	22	10	20	7	14	7	13	7	14	7	17	7	18	7	16	8	15	330	13.8
,, 28,	7	16	6	17	6	18	5	18	6	17	5	15	5	15	6	17	7	23	7	23	8	21	9	21	9	21	10	23	10	23	9	22	8	21	7	17	7	18	7	18	8	22	7	23	7	23	7	22	474	19.7
,, 29,	7	22	6	22	6	26	6	22	5	23	5	24	6	20	5	17	6	21	7	24	8	22	8	23	9	20	9	22	8	21	9	18	7	16	8	18	7	18	7	21	7	22	7	23	7	24	7	26	515	21.5
,, 30,	6	22	6	25	6	22	6	21	6	22	5	23	5	21	7	24	7	23	7	20	8	20	9	23	9	21	9	19	9	21	11	10	10	8	9	11	8	10	7	8	7	9	10	7	10	5	9	2	397	16.5
,, 31,	...	1	9	2	5	6	2	6	1	13	2	12	32	4	1	8	32	8	31	7	24	8	32	16	32	11	1	11	32	14	32	11	31	10	32	10	2	9	1	8	2	14	2	17	2	9	1	9	224	9.3
Sums,	...	369	...	383	...	396	...	390	...	400	...	390	...	385	...	420	...	452	...	523	...	478	...	493	...	476	...	480	...	492	...	461	...	410	...	334	...	307	...	345	...	337	...	359	...	327	...	360	9737	405.7
Hourly Means,	...	11.9	...	12.4	...	12.8	...	12.6	...	12.9	...	12.6	...	12.4	...	13.5	...	14.6	...	16.9	...	15.4	...	15.9	...	15.4	...	15.5	...	15.9	...	14.9	...	13.2	...	10.8	...	9.9	...	10.2	...	10.9	...	11.6	...	10.5	...	11.6	314.1	13.1

TABLE VIII.

MEAN HOURLY COMPONENTS AND MEAN DIRECTION OF THE WIND, FOR OCTOBER, 1887.

Hour.	Components (miles per hour).						Direction.
	N	E	S	W	+N-S	+E-W	
1 a.	5.1	7.8	0.4	0.0	+4.6	+ 7.8	E 30° N
2 „	7.7	6.5	0.1	0.0	7.5	6.5	E 49° N
3 „	7.8	6.7	0.2	0.0	7.5	6.7	E 48° N
4 „	8.4	6.1	0.2	0.0	8.2	6.1	E 53° N
5 „	8.7	6.2	0.1	0.0	8.6	6.2	E 54° N
6 „	9.0	5.8	0.4	0.0	8.6	5.8	E 56° N
7 „	7.9	6.4	0.3	0.1	7.7	6.3	E 51° N
8 „	8.1	7.9	0.3	0.0	7.8	7.9	E 45° N
9 „	7.4	9.2	0.1	0.0	7.4	9.2	E 39° N
10 „	6.1	11.9	0.4	0.1	5.7	11.8	E 26° N
11 „	4.6	11.3	0.8	0.4	3.8	10.9	E 19° N
Noon.	4.1	11.8	1.0	0.4	3.1	11.5	E 15° N
1 p.	3.0	11.7	0.8	0.5	2.1	11.1	E 11° N
2 „	2.1	12.7	1.5	0.3	0.6	12.4	E 3° N
3 „	2.3	12.7	1.4	0.1	0.9	12.6	E 4° N
4 „	2.1	12.0	1.4	0.2	0.7	11.8	E 3° N
5 „	1.9	10.5	1.5	0.3	0.4	10.2	E 2° N
6 „	1.9	8.2	1.4	0.1	0.5	8.1	E 4° N
7 „	2.0	7.7	1.3	0.1	0.7	7.6	E 5° N
8 „	2.9	7.3	1.0	0.1	1.9	7.2	E 15° N
9 „	3.4	7.5	0.6	0.0	2.7	7.5	E 20° N
10 „	4.2	8.0	0.6	0.0	3.6	8.0	E 24° N
11 „	4.4	7.1	0.3	0.0	4.1	7.1	E 30° N
Midt.	4.3	7.8	0.3	0.0	+4.0	+ 7.8	E 27° N
Mean,.....	5.0	8.8	0.7	0.1	+4.3	+ 8.7	E 26° N

TABLE IX.

DIRECTION AND FORCE OF THE WIND AT VICTORIA PEAK, AND SEA DISTURBANCE.

Date.	4 a.			10 a.			4 p.			10 p.		
	Direction	Force.	Sea.	Direction	Force.	Sea.	Direction	Force.	Sea.	Direction	Force.	Sea.
1887.												
Oct. 1,.....	...	...	2	E	4	2	E	3	3	NE	3	1
„ 2,.....	...	...	2	NE	4	3	E	3	3	ENE	4	2
„ 3,.....	...	...	3	NE	4	3	E	4	2	E	4	2
„ 4,.....	...	...	2	ENE	4	3	E	3	1	NE	4	1
„ 5,.....	...	...	2	NE	4	2	E	3	2	NE	4	1
„ 6,.....	...	...	2	N	5	3	NE	4	1	NE	4	1
„ 7,.....	...	...	2	ENE	4	2	ENE	2	1	ENE	3	1
„ 8,.....	...	...	1	E	4	2	E	4	2	E	4	2
„ 9,.....	...	...	2	E	4	3	E	4	2	E	3	1
„ 10,.....	...	...	1	E	3	2	E	2	1	ESE	3	0
„ 11,.....	...	...	0	SE	3	0	ESE	2	0	ESE	3	0
„ 12,.....	...	...	0	E	3	0	ESE	4	1	E	3	1
„ 13,.....	...	...	2	E	4	3	E	4	1	E	3	2
„ 14,.....	...	...	1	E	2	2	E	2	1	S	3	0
„ 15,.....	...	...	0	E	4	2	E	3	1	E	4	0
„ 16,.....	...	...	2	E	5	2	E	4	2	SE	4	2
„ 17,.....	...	...	0	E	4	2	ESE	3	2	SE	5	2
„ 18,.....	...	...	0	SE	4	0	W	3	0	SE	4	0
„ 19,.....	...	...	1	NE	4	1	NE	3	1	NE	4	2
„ 20,.....	...	...	4	E	5	4	E	5	3	E	4	3
„ 21,.....	...	...	2	NE	4	2	N	5	1	N	5	1
„ 22,.....	...	...	2	NE	5	3	ENE	4	2	ENE	5	3
„ 23,.....	...	...	2	E	4	3	E	5	2	E	4	3
„ 24,.....	...	...	3	E	5	3	E	4	2	E	4	2
„ 25,.....	...	...	3	E	4	3	E	5	3	E	4	4
„ 26,.....	...	...	3	E	5	3	E	4	3	E	4	4
„ 27,.....	...	...	2	E	4	2	E	4	2	E	5	2
„ 28,.....	...	...	3	E	5	4	E	4	3	E	5	3
„ 29,.....	...	...	3	E	5	4	E	4	3	E	5	3
„ 30,.....	...	...	3	E	4	3	NE	3	2	NE	3	1
„ 31,.....	...	...	2	NNE	5	2	NNE	4	1	NE	4	2
Mean,.....	...	...	1.8	E 13° N	4.1	2.4	E 9° N	3.6	1.7	E 7° N	3.9	1.7

TABLE X.

VICTORIA PEAK.

DATE.	BAROMETER.			TEMPERATURE.						
	10 a.	4 p.	10 p.	10 a.	4 p.	10 p.	Sun.	Max.	Min.	Rad.
1887.	ins.	ins.	ins.	°	°	°	°	°	°	°
Oct. 1,.....	28.096	28.060	28.093	73.9	74.2	72.7	133.1	76.5	70.7	69.6
„ 2,.....	.090	.032	.054	71.7	74.7	72.8	135.0	76.3	70.0	70.3
„ 3,.....	.077	.004	.029	72.7	75.8	72.7	132.3	75.9	69.5	68.6
„ 4,.....	.068	.018	.001	73.9	76.8	73.2	134.7	78.3	71.0	65.0
„ 5,.....	.024	27.950	27.970	72.2	74.6	72.0	131.9	76.3	69.9	62.4
„ 6,.....	.002	.976	28.020	69.7	73.9	71.5	130.4	75.3	68.3	62.1
„ 7,.....	.120	28.107	.158	70.9	74.5	70.4	131.6	75.9	68.5	60.8
„ 8,.....	.236	.204	.230	72.2	73.5	69.8	136.3	74.3	69.3	62.4
„ 9,.....	.247	.194	.177	71.8	73.2	69.2	132.3	74.6	67.2	65.4
„ 10,.....	.191	.130	.138	72.8	73.9	72.7	140.5	75.1	68.7	65.1
„ 11,.....	.192	.128	.147	72.1	71.0	69.8	137.2	74.3	69.3	67.6
„ 12,.....	.224	.190	.169	72.7	72.8	70.6	135.4	74.9	69.2	†67.0
„ 13,.....	.271	.212	.214	72.8	75.0	71.0	132.3	75.9	69.2	†67.0
„ 14,.....	.254	.189	.173	72.7	73.0	70.8	136.5	75.1	69.5	†67.0
„ 15,.....	.230	.161	.173	74.4	76.1	71.7	135.2	76.9	68.7	66.4
„ 16,.....	224	.150	.133	71.8	75.0	70.8	140.7	75.6	68.0	65.8
„ 17,.....	.178	.124	.129	71.1	71.0	70.0	139.9	75.3	70.0	66.4
„ 18,.....	.143	.073	.116	69.2	70.9	69.7	104.1	73.6	68.3	64.8
„ 19,.....	.177	.144	.148	71.2	68.8	68.0	94.3	72.3	67.7	64.0
„ 20,.....	.193	.181	.153	67.4	69.1	67.5	122.6	71.5	67.3	65.4
„ 21,.....	.195	.102	.154	70.4	73.1	68.4	131.0	73.9	67.4	63.1
„ 22,.....	.236	.113	.145	68.0	72.7	68.0	131.0	73.6	65.3	57.4
„ 23,.....	.218	.181	.209	68.2	70.5	66.4	127.1	71.5	65.2	58.6
„ 24,.....	.244	.183	.213	68.4	67.7	66.7	128.9	72.2	64.3	61.4
„ 25,.....	.283	.235	.271	68.0	70.7	66.5	130.2	71.5	66.0	58.7
„ 26,.....	.318	.262	.283	67.7	70.7	66.5	127.1	71.5	64.0	58.4
„ 27,.....	.297	.222	.241	67.7	70.0	65.4	125.7	71.3	64.9	59.8
„ 28,.....	.293	.234	.279	67.5	68.8	64.7	127.3	70.5	64.7	59.1
„ 29,.....	.310	.238	.264	66.2	68.5	65.1	125.1	69.1	64.3	60.4
„ 30,.....	.261	.227	.253	66.5	68.7	65.5	130.2	70.3	63.2	59.6
„ 31,.....	.277	.193	.190	66.7	69.0	64.7	133.1	69.9	61.4	60.8
Mean,.....	28.199	28.142	28.159	70.4	72.2	69.2	130.1	73.8	67.5	63.6

† Approximate.

TABLE XI.

HUMIDITY AT THE OBSERVATORY AND AT VICTORIA PEAK.

DATE. 1887.	RELATIVE HUMIDITY.						TENSION OF AQUEOUS VAPOUR.					
	OBSERVATORY.			VICTORIA PEAK.			OBSERVATORY.			VICTORIA PEAK.		
	10 a.	4 p.	10 p.	10 a.	4 p.	10 p.	10 a.	4 p.	10 p.	10 a.	4 p.	10 p.
Oct. 1,.....	60	68	70	81	88	90	0.620	0.698	0.658	0.679	0.747	0.724
„ 2,.....	64	60	75	86	82	80	.651	.618	.725	.662	.706	.648
„ 3,.....	54	63	67	82	76	80	.575	.650	.652	.660	.681	.646
„ 4,.....	58	60	77	80	77	82	.623	.670	.749	.671	.707	.676
„ 5,.....	42	36	41	66	57	55	.436	.399	.407	.515	.492	.432
„ 6,.....	32	39	37	56	59	53	.318	.436	.357	.414	.497	.407
„ 7,.....	35	38	68	63	52	74	.354	.418	.575	.472	.454	.545
„ 8,.....	62	42	61	79	60	72	.609	.432	.568	.620	.495	.525
„ 9,.....	51	49	70	63	62	69	.498	.454	.577	.490	.510	.487
„ 10,.....	64	58	76	71	68	68	.642	.559	.630	.576	.577	.549
„ 11,.....	61	57	77	83	89	83	.618	.603	.669	.660	.678	.604
„ 12,.....	56	60	68	83	89	82	.595	.626	.633	.675	.718	.614
„ 13,.....	52	65	73	84	87	88	.534	.650	.673	.681	.757	.671
„ 14,.....	62	61	79	86	90	96	.648	.628	.688	.686	.735	.725
„ 15,.....	61	65	75	89	88	92	.648	.639	.662	.764	.795	.714
„ 16,.....	68	72	76	94	88	94	.681	.690	.707	.735	.772	.706
„ 17,.....	70	78	78	95	97	97	.712	.747	.698	.721	.745	.716
„ 18,.....	93	92	88	97	97	96	.767	.818	.732	.693	.743	.702
„ 19,.....	84	84	82	97	95	91	.718	.703	.688	.746	.673	.626
„ 20,.....	69	68	75	96	95	93	.625	.624	.663	.644	.680	.629
„ 21,.....	51	42	41	93	91	73	.509	.456	.416	.685	.745	.503
„ 22,.....	39	37	41	67	60	59	.376	.379	.342	.460	.476	.405
„ 23,.....	39	53	62	59	69	83	.343	.458	.514	.409	.514	.541
„ 24,.....	54	44	64	76	61	56	.459	.383	.501	.529	.412	.370
„ 25,.....	55	47	62	81	67	66	.484	.440	.527	.558	.501	.433
„ 26,.....	45	53	66	71	69	76	.399	.466	.538	.473	.525	.495
„ 27,.....	55	65	65	78	74	81	.467	.533	.512	.535	.543	.508
„ 28,.....	50	57	66	72	69	80	.410	.456	.540	.482	.488	.492
„ 29,.....	56	60	70	74	76	84	.466	.488	.561	.483	.531	.519
„ 30,.....	53	59	74	87	75	81	.435	.498	.559	.566	.529	.513
„ 31,.....	49	48	54	70	66	74	.409	.403	.355	.461	.467	.449
Mean, ...	56	57	67	79	77	79	0.536	0.549	0.583	0.594	0.609	0.567

TABLE XII.

AMOUNT AND CLASSIFICATION OF CLOUDS AND DIRECTION WHENCE COMING.

DATE.	1 a.			4 a.			7 a.			10 a.		
	Amount.	Name.	Direction	Amount.	Name.	Direction	Amount.	Name.	Direction	Amount.	Name.	Direction
1887.												
Oct. 1, ...	10	c-str. / cum.	ENE	8	c-str. / cum.	ENE	1	c-str. / cum.	E / N	2	c-str. / cum.	WNW / ENE
„ 2, ...	10	R-cum.	NE	8	cum.	NE	10	R-cum. / cum.	N / NE	7	R-cum.	NNE
„ 3, ...	1	cum.	ENE	7	cum.	ENE	0	...	...	1	cum.	E
„ 4, ...	9	cum.	ENE	10	cum.	NE	2	sm-cum.	SE	0	...	...
„ 5, ...	9	cum.	ENE	2	cum.	NE	0	...	...	1	c-str.	E
„ 6, ...	9	c-str.	SE	4	c-str.	SSE	4	c-str.	S.	2	c-str.	SSE
„ 7, ...	0	...	...	0	...	...	1	c-cum.	...	1	c-str.	...
„ 8, ...	1	str.	...	0	...	...	8	cum.	SE	5	sm-cum. / cum.	SE / ENE
„ 9, ...	2	c-str.	...	1	c-str.	...	1	c-str.	...	0	...	...
„ 10, ...	4	cum.	E	1	cum.	E	1	cum.	E	3	cum.	NE
„ 11, ...	0	...	...	0	...	...	0	...	...	2	cum.	NNE
„ 12, ...	0	...	...	0	...	...	0	...	...	1	cum.	ENE
„ 13, ...	0	...	...	0	...	...	0	...	...	1	c-cum.	W
„ 14, ...	1	cum.	NE	4	c-cum. / cum.	NE	1	c-cum. / cum.	WSW / NE	2	cum.	NE
„ 15, ...	0	...	...	0	...	...	2	cum.	NE	4	cum.	NE
„ 16, ...	0	...	...	0	...	...	7	c-str. / cum.	N / E	4	c. / cum.	N / E
„ 17, ...	1	cum.	E	3	cum.	E	3	cum.	ESE	3	cum.	E
„ 18, ...	2	cum.	ESE	4	cum.	ESE	10	c-str. / cum.	SE	10	nim.	SW
„ 19, ...	7	cum.	...	10	cum.	...	10	sm-cum. / cum.	W / NE	10	str. / nim.	W / E
„ 20, ...	10	cum-nim.	ENE	10	cum-nim.	ENE	10	cum-nim.	ENE	9	sm-cum. / cum.	SSW / E
„ 21, ...	3	cum.	...	2	cum.	...	1	cum.	...	1	cum.	NNE
„ 22, ...	0	...	...	0	...	...	0	...	...	0	...	...
„ 23, ...	0	...	...	0	...	...	0	...	...	0	...	...
„ 24, ...	2	cum.	ENE	1	cum.	NE	1	cum.	NE	1	cum.	NE
„ 25, ...	0	...	...	0	...	...	1	cum.	ENE	3	cum.	ENE
„ 26, ...	6	cum.	ENE	1	cum.	ENE	0	...	...	0	...	...
„ 27, ...	3	cum.	ENE	2	cum.	ENE	1	cum.	ENE	1	cum.	NNE
„ 28, ...	4	cum.	NE	3	cum.	NE	0	...	...	0	...	...
„ 29, ...	7	cum.	E	9	cum.	E	7	cum.	E	0	...	...
„ 30, ...	6	cum.	E	8	cum.	E	2	cum.	ENE	0	...	...
„ 31, ...	9	sm-cum.	W	10	sm-cum.	W	7	sm-cum.	WSW	3	sm-cum.	W
Mean, ...	3.7	...	...	3.5	...	...	2.9	...	...	2.5	...	...

TABLE XII,—*Continued.*

AMOUNT AND CLASSIFICATION OF CLOUDS AND DIRECTION WHENCE COMING.

DATE.	1 p.			4 p.			7 p.			10 p.			Daily and Monthly Means.
	Amount.	Name.	Direction	Amount.	Name.	Direction	Amount.	Name.	Direction	Amount.	Name.	Direction	
1887.													
Oct. 1,.....	9	cum.	ENE	10	cum.	NE	10	R-cum.	NE	10	R-cum.	NE	7.5
„ 2,.....	1	cum.	NE	1	c-cum. / cum.	NE	0	...	...	1	cum.	NE	4.7
„ 3,.....	2	cum.	ENE	1	cum.	NE	1	cum.	NE	1	sm-cum.	ENE	1.8
„ 4,.....	1	cum.	NE	2	cum.	NE	1	cum.	NE	1	cum.	NE	3.2
„ 5,.....	2	c-str.	SSE	9	c-str.	SE	2	c-str.	...	6	c-str.	SE	3.9
„ 6,.....	1	c-str.	SSE	1	c-str.	...	0	...	...	0	...	...	2.6
„ 7,.....	0	...	...	1	c-str.	...	1	c-str.	...	1	c-str.	...	0.6
„ 8,.....	2	c. / cum.	ENE	2	c-str. / sm-cum.	NW	0	...	...	0	...	...	2.3
„ 9,.....	0	...	...	0	...	...	0	...	...	0	...	...	0.5
„ 10,.....	2	cum.	ENE	1	cum.	NE	0	...	...	0	...	...	1.5
„ 11,.....	8	c-str. / cum.	NNE	1	c-str. / cum.	...	0	...	...	0	...	...	1.4
„ 12,.....	5	c-str. / cum.	ENE	4	sm-cum.	NE	0	...	...	0	...	...	1.2
„ 13,.....	3	c-str. / cum.	WNW / E	7	c-str.	WNW	1	c-str.	WNW	0	...	...	1.5
„ 14,.....	3	cum.	NE	7	cum.	NE	0	...	...	0	...	...	2.3
„ 15,.....	1	cum.	NE	3	c-str.	NE	0	...	...	0	...	...	1.2
„ 16,.....	3	c-str. / cum.	E	2	c-str. / cum.	NNW / E	0	...	...	0	...	...	2.0
„ 17,.....	3	cum.	E	4	cum.	ESE	0	...	...	0	...	...	2.1
„ 18,.....	10	str. / nim.	SW	10	str-cum. / cum-nim.	SW	10	cum.	W	5	cum.	W	7.6
„ 19,.....	10	str. / nim.	E	10	str-cum. / cum.	W / E	10	nim.	E	7	cum.	ENE	9.3
„ 20,.....	10	sm-cum. / cum.	ENE	10	sm-cum. / cum.	SW / ENE	6	cum.	NE	3	cum.	NE	8.5
„ 21,.....	0	...	...	0	...	...	0	...	...	0	...	...	0.9
„ 22,.....	0	...	...	0	...	...	0	...	...	0	...	...	0.0
„ 23,.....	0	...	...	0	...	...	0	...	...	2	cum.	ENE	0.2
„ 24,.....	1	cum.	NE	0	...	...	0	...	...	0	...	...	0.8
„ 25,.....	0	...	...	0	...	...	0	...	...	6	cum.	NE	1.2
„ 26,.....	1	cum.	NE	1	cum.	NE	0	...	...	1	cum.	ENE	1.3
„ 27,.....	1	cum.	NE	0	...	...	0	...	...	2	cum.	NE	1.2
„ 28,.....	0	...	...	0	...	...	0	...	...	9	R-cum.	ENE	2.0
„ 29,.....	0	...	...	0	...	...	0	...	...	2	cum.	ENE	3.1
„ 30,.....	2	sm-cum.	W	7	sm-cum.	W	8	sm-cum.	W	2	sm-cum.	W	4.4
„ 31,.....	2	sm-cum.	W	1	sm-cum.	WSW	1	sm-cum.	W	1	sm-cum.	W	4.3
Mean,.....	2.7	...	...	3.1	...	...	1.6	...	...	1.9	...	...	2.7

TABLE XIII.

RAINFALL AT DIFFERENT STATIONS.

Date.	Observatory.		Stone Cutters' Island.	Victoria Peak.
	Amount.	Duration.	Amount.	Amount.
1887.	ins.	hrs.	ins.	ins.
Oct. 1,.....	...	...	...	...
,, 2, ...	...	...	...	...
,, 3,.....	0.010	1	0.09	...
,, 4,.....	0.020	1	...	...
,, 5,.....	...	...	...	...
,, 6,.....	...	...	...	...
,, 7,.....	...	...	...	...
,, 8,.....	...	...	...	...
,, 9,.....	...	...	...	...
,, 10,.....	...	...	...	...
,, 11,.....	...	...	...	...
,, 12,.....	...	...	...	...
,, 13,.....	...	...	...	...
,, 14,.....	...	...	...	...
,, 15,.....	...	...	...	...
,, 16,.....	...	...	...	...
,, 17,.....	1.370	3	1.11	0.48
,, 18,.....	0.345	7	0.08	0.73
,, 19,.....	0.120	6	0.23	0.22
,, 20,.....	...	...	0.07	...
,, 21,.....	...	...	...	...
,, 22,.....	...	...	...	...
,, 23,.....	...	...	...	...
,, 24,.....	...	...	...	...
,, 25,.....	...	...	...	...
,, 26,.....	...	...	...	...
,, 27,.....	...	...	...	...
,, 28,.....	...	...	...	...
,, 29,.....	...	...	...	...
,, 30,.....	...	...	...	...
,, 31,.....	...	...	...	...
Total,.....	1.865	18	1.58	1.43

W. DOBERCK,
Director.

Hongkong Observatory, 26th November, 1887.

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