SUPPLEMENT

To the HONGKONG GOVERNMENT GAZETTE of 13th November, 1886.

GOVERNMENT NOTIFICATION.—No. 442.

The following report from the Director of the Observatory for the month of September, 1886, is published for general information.

By Command,

FREDERICK STEWART,
Acting Colonial Secretary.

Colonial Secretary's Office, Hongkong, 13th November, 1886.

HONGKONG OBSERVATORY.

Weather Report for September, 1886.

In the *China Coast Meteorological Register*, based on information transmitted by the Great Northern and the Eastern Extension 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.

Unusual visibility was noticed on the 4th, the 5th, the 6th, the 7th, and the 21st.

It was hazy all day on the 10th, on the mornings of the 1st, the 12th, and the 15th, and on the evening of the 11th.

Fog occurred on the mornings of the 3rd, the 4th, and the 16th.

Dew fell on the evenings of the 1st, the 3rd, the 4th, the 7th, the 10th, the 13th, and the 15th.

Lunar coronas were seen on the 6th, the 8th, the 11th, the 13th, and the 18th.

A lunar halo was seen on the 14th.

Solar coronas were seen on the 5th, and the 11th.

Solar halos were seen on the 2nd, and the 5th.

A rainbow was seen at 5.10 p. on the 19th.

A moderate thunderstorm passed E of the Colony on the 2nd. It was nearest about 3.45 a.

Thunder and lightning were observed on the 2nd. Lightning was seen on the 3rd, and the 4th.

Between 7 p. and 10.30 p. on the 5th a thunderstorm passed from W to E. It was nearest (15^s) at 8.31 p. Lightning continued till the following morning.

Thunder and lightning E of the Colony were observed on the evening of the 17th, and lightning was seen on the evenings of the 18th and 21st.

Between 8.30 p. and 10 p. on the 22nd, a thunderstorm passed from NE round by S to SW. It was nearest (10^s) from 8.45 p. to 8.55 p.

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

Direction.	*Total Distance.* Miles.	*Duration.* Hours.	*Velocity.* Miles per hour.
N	1152	112	10.3
NE	943	85	11.1
E	2865	191	15.0
SE	539	56	9.6
S	176	32	5.5
SW	171	22	7.8
W	457	67	6.8
NW	229	33	6.9
Calm	41	122	0.3

TABLE I.

BAROMETRIC PRESSURE FOR THE MONTH OF SEPTEMBER, 1886.

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.
Sep. 1, ...	29.754	29.732	29.727	29.715	29.714	29.729	29.736	29.753	29.756	29.753	29.745	29.740	29.720	29.700	29.685	29.693	29.683	29.709	29.711	29.724	29.747	29.764	29.750	29.732	29.728
„ 2, ...	.731	.729	.718	.710	.695	.702	.717	.739	.744	.744	.740	.726	.709	.703	.694	.687	.670	.675	.690	.718	.741	.755	.751	.740	.718
„ 3, ...	.738	.735	.729	.712	.712	.723	.734	.744	.749	.750	.742	.727	.707	.686	.675	.664	.670	.685	.703	.716	.737	.754	.752	.740	.720
„ 4, ...	.732	.715	.718	.724	.730	.728	.739	.746	.758	.752	.739	.721	.698	.671	.653	.647	.655	.673	.687	.699	.717	.730	.730	.726	.712
„ 5, .	.716	.705	.691	.692	.701	.700	.716	.731	.737	.735	.734	.713	.688	.663	.647	.640	.647	.664	.682	.696	.731	.729	.713	.717	.700
„ 6, ...	.692	.681	.671	.674	.669	.673	.686	.699	.702	.716	.716	.709	.688	.671	.641	.639	.639	.660	.667	.692	.709	.713	.716	.702	.684
„ 7, ...	.698	.688	.675	.672	.679	.686	.709	.719	.732	.743	.741	.717	.694	.678	.664	.655	.657	.666	.674	.701	.715	.728	.729	.715	.697
„ 8, ...	.708	.698	.680	.675	.680	.694	.713	.734	.743	.746	.734	.719	.703	.680	.677	.675	.688	.690	.704	.721	.741	.750	.745	.739	.710
„ 9, ...	.722	.711	.708	.713	.723	.735	.747	.772	.791	.799	.795	.789	.761	.737	.719	.707	.710	.728	.752	.769	.784	.783	.773	.760	.749
„ 10, ...	.735	.729	.715	.715	.728	.733	.734	.758	.768	.766	.752	.732	.709	.690	.671	.661	.664	.671	.682	.703	.714	.707	.706	.697	.714
„ 11, ...	.693	.678	.680	.680	.690	.709	.725	.734	.741	.743	.742	.727	.701	.687	.673	.665	.671	.681	.686	.710	.726	.725	.724	.725	.705
„ 12, ...	.722	.711	.704	.700	.703	.722	.741	.760	.767	.771	.763	.740	.722	.712	.705	.704	.713	.728	.740	.766	.786	.787	.785	.780	.739
„ 13, ...	.776	.769	.762	.762	.770	.779	.799	.811	.818	.819	.817	.806	.785	.766	.746	.738	.746	.758	.779	.785	.797	.794	.795	.790	.782
„ 14, ...	.788	.774	.774	.782	.783	.787	.799	.813	.819	.815	.802	.778	.763	.749	.736	.735	.729	.733	.736	.750	.760	.763	.761	.757	.770
„ 15, ...	.752	.734	.726	.721	.730	.730	.749	.758	.763	.763	.751	.730	.705	.684	.667	.658	.652	.657	.671	.685	.703	.703	.688	.681	.711
„ 16, ...	.671	.663	.654	.644	.644	.643	.659	.670	.675	.675	.661	.641	.620	.600	.595	.595	.594	.611	.623	.626	.637	.642	.648	.641	.639
„ 17, ...	.635	.626	.626	.620	.627	.633	.639	.657	.668	.668	.660	.649	.624	.600	.588	.587	.589	.600	.610	.626	.642	.635	.640	.640	.629
„ 18, ...	.645	.645	.637	.632	.633	.636	.650	.649	.643	.636	.623	.603	.577	.561	.551	.548	.547	.564	.574	.600	.602	.599	.598	.603	.607
„ 19, ...	.601	.593	.584	.582	.592	.610	.626	.637	.634	.625	.626	.605	.585	.581	.567	.568	.572	.592	.608	.635	.656	.672	.672	.667	.612
„ 20, ...	.661	.658	.653	.650	.655	.665	.675	.689	.704	.708	.696	.686	.663	.658	.651	.646	.652	.668	.675	.692	.705	.709	.708	.703	.676
„ 21, ...	.696	.689	.685	.683	.694	.707	.713	.734	.738	.741	.739	.705	.682	.664	.654	.647	.652	.671	.674	.702	.722	.727	.727	.719	.699
„ 22, ...	.702	.699	.691	.688	.701	.717	.737	.747	.751	.749	.736	.707	.683	.666	.657	.654	.653	.664	.688	.703	.765	.746	.744	.742	.708
„ 23, ...	.727	.718	.709	.702	.713	.733	.746	.767	.780	.789	.781	.756	.735	.708	.691	.684	.688	.706	.722	.741	.762	.774	.766	.751	.735
„ 24, ...	.739	.729	.730	.737	.740	.763	.785	.807	.811	.814	.808	.784	.772	.748	.731	.731	.741	.750	.768	.784	.801	.812	.815	.808	.771
„ 25, ...	.786	.779	.772	.775	.777	.792	.813	.838	.856	.863	.854	.832	.816	.798	.786	.780	.784	.799	.810	.825	.838	.852	.853	.846	.813
„ 26, ...	.838	.831	.822	.826	.846	.865	.879	.890	.897	.893	.885	.865	.841	.824	.812	.807	.816	.824	.837	.854	.869	.879	.880	.872	.852
„ 27, ...	.858	.848	.852	.861	.860	.878	.894	.908	.911	.915	.905	.891	.872	.857	.845	.839	.840	.857	.879	.899	.913	.906	.893	.892	.878
„ 28, ...	.878	.870	.860	.859	.870	.878	.899	.911	.920	.925	.922	.907	.894	.876	.852	.853	.853	.858	.871	.895	.907	.911	.899	.893	.886
„ 29, ...	.884	.871	.862	.858	.859	.879	.899	.920	.929	.922	.924	.912	.895	.869	.857	.850	.852	.861	.876	.896	.904	.905	.907	.904	.887
„ 30, ...	.896	.888	.886	.880	.879	.896	.920	.932	.946	.951	.946	.930	.908	.890	.877	.870	.868	.874	.889	.916	.928	.942	.928	.915	.906
.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Hourly Means, ...	29.739	29.730	29.723	29.721	29.727	29.737	29.753	29.768	29.775	29.776	29.769	29.752	29.731	29.713	29.699	29.694	29.697	29.709	29.722	29.741	29.759	29.763	29.760	29.753	29.738

TABLE II.

TEMPERATURE FOR THE MONTH OF SEPTEMBER, 1886.

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.
Sep. 1,.....	77.3	77.3	77.2	77.3	77.3	77.5	78.3	79.5	81.6	81.4	82.9	82.5	82.9	80.5	78.7	79.9	78.3	77.9	77.8	78.0	77.7	78.1	77.7	77.0	78.9	83.0	76.9
„ 2,.....	76.7	76.6	76.9	76.6	76.6	77.0	78.0	80.4	82.3	81.0	82.5	82.9	83.1	82.4	82.2	81.4	80.5	80.2	79.4	79.5	79.5	78.8	78.8	78.7	79.7	83.1	76.2
„ 3,.....	78.0	78.6	78.3	78.4	78.7	79.2	80.0	81.7	83.8	84.7	85.2	86.1	86.7	85.2	85.8	83.7	84.2	82.3	81.2	80.2	79.6	79.1	78.3	77.4	81.5	86.7	77.4
„ 4,.....	77.9	77.9	77.8	78.0	78.4	78.3	79.9	81.3	82.9	86.1	84.7	85.0	85.1	87.0	86.9	85.8	84.4	81.9	81.6	80.6	80.5	80.0	79.5	79.5	81.7	87.1	77.4
„ 5,.....	79.4	79.5	79.0	79.1	79.2	79.0	80.7	82.0	82.5	83.4	78.7	83.2	84.0	84.2	86.8	85.1	83.2	82.5	82.1	82.8	76.8	77.6	76.9	77.1	81.0	86.8	76.7
„ 6,.....	77.0	77.4	77.6	77.0	77.5	77.8	79.0	79.0	80.7	81.1	81.8	81.6	81.8	82.6	84.1	82.9	81.7	81.1	79.7	79.8	79.9	80.1	79.6	78.5	80.0	84.3	77.0
„ 7,.....	77.8	77.1	76.4	76.5	76.6	75.8	76.7	77.9	79.3	80.1	80.3	82.6	82.9	84.0	83.7	82.2	80.3	78.8	78.2	77.8	77.0	76.1	76.6	76.0	78.8	84.0	75.8
„ 8,.....	76.4	76.3	75.5	75.8	75.5	75.7	77.0	77.9	80.1	82.3	83.3	82.9	83.2	82.9	82.4	81.2	80.4	79.3	79.0	78.6	78.5	78.0	77.6	77.6	79.1	83.6	75.4
„ 9,.....	77.4	76.9	75.6	75.8	75.4	73.6	73.1	74.8	75.7	76.0	77.3	76.8	78.0	78.3	77.9	77.7	78.7	78.8	78.3	78.0	77.8	77.6	76.9	76.0	76.8	78.8	72.3
„ 10,.....	76.0	75.6	75.6	75.9	75.5	75.7	77.3	79.0	79.9	81.2	82.2	82.3	82.4	83.2	82.6	82.2	81.3	79.6	78.3	77.5	76.5	76.5	75.8	76.6	78.7	84.1	75.2
„ 11,.....	77.0	76.4	76.4	76.0	75.5	75.5	76.0	77.1	78.7	79.5	81.0	82.3	83.4	82.7	82.6	82.9	81.3	80.3	78.4	76.7	77.0	77.1	76.5	75.9	78.6	84.5	75.1
„ 12,.....	75.4	75.7	75.8	75.6	76.0	76.2	76.7	77.5	78.9	81.1	81.8	83.6	83.0	83.4	83.3	81.1	80.4	79.8	78.5	78.1	77.7	77.2	77.1	77.3	78.8	83.6	75.4
„ 13,.....	77.0	76.0	76.3	76.1	76.3	76.6	77.1	78.0	79.4	82.2	83.1	81.9	83.9	83.2	84.1	84.4	81.1	80.0	78.8	77.6	76.9	76.5	76.1	76.1	79.1	85.3	76.0
„ 14,.....	75.6	75.3	76.4	75.8	75.4	75.3	77.4	78.8	81.9	82.9	82.8	84.7	84.1	85.2	83.6	82.6	80.5	79.5	79.3	78.3	77.6	77.0	76.4	76.3	79.3	85.2	75.1
„ 15,.....	76.1	76.1	76.1	75.9	75.9	76.2	77.2	77.9	80.1	83.0	83.6	84.9	84.9	85.8	84.4	83.5	80.9	80.2	80.0	79.1	78.6	78.2	78.0	77.6	79.8	85.8	75.8
„ 16,.....	76.2	76.6	76.8	77.2	76.6	76.6	77.9	79.3	84.0	85.7	86.2	86.1	86.8	86.4	87.0	85.5	83.9	81.8	80.9	79.9	79.3	79.7	79.3	78.6	81.2	87.2	76.2
„ 17,.....	78.9	78.2	78.6	78.8	79.1	79.3	80.0	81.1	82.3	83.4	84.9	86.4	87.1	87.0	86.4	84.9	83.3	81.7	80.6	80.3	80.3	80.0	78.9	78.9	81.7	87.1	78.0
„ 18,.....	79.0	78.9	79.3	79.2	79.2	79.5	80.1	81.3	82.9	86.1	87.1	86.7	87.3	87.5	87.9	85.7	84.7	83.1	82.0	81.1	80.9	81.1	80.5	81.4	82.6	87.9	78.9
„ 19,.....	80.8	80.6	80.6	81.2	81.9	81.8	82.1	83.8	84.5	86.6	86.8	88.1	85.8	86.0	87.8	87.5	85.2	83.5	83.5	83.1	82.9	82.5	81.3	81.0	83.7	88.4	80.6
„ 20,.....	80.7	80.4	80.1	79.6	79.3	79.4	80.1	81.9	82.3	83.4	84.6	84.9	84.8	84.9	83.6	83.1	82.0	82.0	81.7	80.8	81.1	80.1	80.2	79.8	81.7	85.3	79.3
„ 21,.....	79.8	78.6	78.6	78.1	78.0	77.3	78.9	79.1	82.1	83.2	83.7	84.4	84.4	84.3	84.8	84.2	83.3	82.1	81.0	80.4	80.4	80.3	80.0	79.1	81.1	85.3	76.5
„ 22,.....	79.1	79.2	79.1	79.2	79.2	79.5	80.7	82.0	82.7	84.1	85.2	85.7	85.9	86.2	85.1	84.6	83.1	82.6	82.4	81.8	75.9	75.3	77.2	77.5	81.4	87.1	75.2
„ 23,.....	77.4	76.6	76.6	76.5	76.2	76.4	77.0	77.7	79.2	80.8	82.3	84.3	84.7	84.3	84.7	84.5	83.7	81.9	81.2	80.8	79.7	78.7	77.6	76.2	80.0	85.9	76.2
„ 24,.....	76.0	75.1	74.6	74.2	73.9	73.5	74.2	75.6	77.0	78.9	79.5	80.8	81.8	82.3	82.2	82.6	80.7	77.4	76.2	75.9	76.0	76.0	75.4	75.3	77.3	82.6	73.4
„ 25,.....	74.9	75.0	75.0	75.6	75.1	74.8	76.2	77.0	78.5	79.8	79.8	80.0	79.4	79.3	78.9	79.0	77.7	77.5	77.4	77.1	76.9	76.9	76.8	76.7	77.3	80.0	74.7
„ 26,.....	76.1	76.5	76.2	76.1	76.4	76.1	76.7	77.4	78.3	79.7	80.7	81.8	82.4	81.0	79.9	79.8	79.4	78.0	77.4	77.6	77.8	78.1	77.8	77.9	78.3	82.7	75.6
„ 27,.....	78.0	78.0	75.7	75.4	76.0	75.8	76.5	77.7	78.9	80.0	79.4	80.7	79.8	79.9	80.6	78.9	78.3	78.0	78.0	78.1	77.8	78.1	77.8	77.8	78.1	80.7	75.1
„ 28,.....	77.7	77.5	77.4	76.8	76.6	76.4	77.2	78.0	78.4	79.7	79.1	79.9	79.9	80.3	79.8	78.6	78.4	78.1	77.6	77.6	77.9	78.1	77.9	77.9	78.2	80.5	76.4
„ 29,.....	78.0	77.9	77.4	77.3	76.9	76.8	77.3	78.2	79.4	80.0	80.5	80.6	80.8	81.1	80.1	79.1	78.7	78.1	77.6	77.8	78.1	78.0	77.9	77.7	78.6	81.1	76.6
„ 30,.....	77.7	77.6	77.1	76.7	76.6	76.6	77.0	78.1	79.0	79.1	79.3	80.3	79.8	80.1	78.9	78.2	78.0	77.0	77.2	77.5	77.8	77.7	77.3	77.3	78.0	80.3	76.5
.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Hourly Means, ...	77.5	77.3	77.1	77.1	77.0	77.0	77.9	79.0	80.6	81.9	82.3	83.1	83.3	83.4	83.2	82.4	81.3	80.2	79.5	79.1	78.5	78.3	77.9	77.7	79.7	84.3	76.2

TABLE III.

TEMPERATURE OF EVAPORATION AND RADIATION, FOR THE MONTH OF SEPTEMBER, 1886.

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.
Sep. 1,.....	76.1	75.9	75.4	75.8	75.6	75.3	75.6	75.1	76.1	76.4	76.6	76.7	76.3	75.9	77.2	76.5	76.8	76.2	76.1	76.4	75.5	75.5	75.7	75.3	76.0	151.4	75.0
„ 2,.....	75.5	75.2	75.3	75.5	75.4	75.7	76.4	76.5	77.9	76.6	76.7	76.3	76.6	76.8	76.9	77.1	76.6	76.3	76.4	76.4	76.7	76.8	76.3	76.6	76.4	145.2	73.9
„ 3,.....	76.6	76.6	76.5	76.3	76.8	76.8	77.2	77.3	77.3	77.4	76.2	76.5	76.7	76.5	77.1	75.9	73.7	74.2	74.7	76.3	76.2	75.5	75.4	75.0	76.2	142.2	74.2
„ 4,.....	75.4	75.0	74.9	74.5	74.5	74.8	75.3	76.6	75.7	77.0	76.7	76.3	76.1	76.8	77.4	76.6	75.8	75.6	75.6	75.5	76.7	76.5	76.5	76.7	75.9	143.3	75.2
„ 5,.....	76.2	76.7	76.7	76.1	76.0	75.6	76.6	77.1	77.5	77.5	76.1	78.0	77.6	76.8	77.5	77.6	77.6	77.6	77.3	76.9	74.9	74.8	74.7	75.0	76.6	150.5	74.6
„ 6,.....	74.6	74.8	75.2	70.5	69.6	69.1	69.5	68.9	70.7	71.3	71.9	73.4	73.4	73.5	73.7	71.9	72.4	72.7	71.5	71.3	71.7	70.9	68.1	67.4	71.6	142.7	72.2
„ 7,.....	66.9	66.8	67.3	65.4	65.4	64.8	65.8	66.4	67.2	69.4	68.7	70.9	69.7	71.0	71.2	70.8	71.2	71.0	71.5	71.5	72.1	71.6	71.5	71.6	69.2	138.7	67.3
„ 8,.....	68.4	67.7	67.7	67.9	67.2	66.7	68.2	68.7	69.9	70.4	71.8	71.5	72.4	71.8	71.6	72.7	73.1	73.6	73.5	74.1	73.9	73.8	74.3	74.1	71.0	150.1	68.6
„ 9,.....	73.3	74.1	73.5	73.7	72.3	69.8	70.0	70.5	70.4	71.0	70.8	70.9	72.1	71.7	73.1	72.5	71.5	71.1	71.4	71.4	71.8	71.5	72.7	71.9	71.8	119.0	71.9
„ 10,.....	71.8	70.9	68.6	67.3	68.0	66.6	66.8	68.0	68.6	69.5	69.6	69.5	70.8	72.3	72.5	71.6	71.4	72.4	71.7	72.5	72.4	71.3	72.1	70.0	70.3	141.2	70.6
„ 11,.....	65.7	64.6	64.2	64.7	63.6	63.8	63.5	62.7	63.3	63.1	63.5	64.6	65.4	65.8	65.5	65.1	65.8	67.5	64.8	68.3	66.9	67.6	67.5	67.8	65.2	139.9	68.4
„ 12,.....	68.5	64.1	64.6	64.0	63.9	64.4	64.5	63.3	63.4	65.8	66.7	69.1	67.5	69.6	69.1	69.5	69.6	69.4	69.3	69.9	70.9	71.4	71.1	70.7	67.5	150.5	69.1
„ 13,.....	70.5	70.7	70.4	71.5	70.4	71.1	71.9	71.8	71.2	71.8	70.7	71.3	70.5	71.3	69.5	68.8	71.4	70.4	69.4	69.4	69.6	69.7	67.9	66.0	70.3	155.2	68.7
„ 14,.....	66.8	67.2	66.8	69.2	69.2	69.1	66.9	66.5	68.6	68.5	68.9	68.6	70.4	71.1	70.3	70.6	70.6	69.9	69.6	71.4	71.9	71.6	71.2	71.2	69.4	149.7	67.4
„ 15,.....	71.5	70.6	71.6	71.5	69.5	69.8	70.3	70.4	68.7	70.4	69.8	70.4	71.5	72.0	71.8	72.4	71.2	70.0	72.5	72.0	72.4	72.6	72.2	72.7	71.2	143.1	68.9
„ 16,.....	73.1	73.7	73.1	72.9	73.5	73.4	73.4	72.9	69.6	69.8	70.1	68.7	69.8	70.6	72.6	73.5	72.7	72.7	73.7	74.2	74.2	74.1	74.3	73.7	72.5	148.0	69.9
„ 17,.....	74.0	74.1	74.2	74.8	75.2	75.1	75.6	75.3	74.4	74.7	74.8	75.3	76.6	76.9	76.1	76.3	76.3	75.6	75.1	75.3	75.7	75.3	74.2	74.5	75.2	151.3	73.0
„ 18,.....	74.8	74.5	74.5	74.8	75.0	74.7	75.5	76.7	77.6	75.6	75.8	77.6	78.8	78.3	77.7	77.1	77.0	76.6	76.6	76.8	76.7	76.6	76.4	76.2	76.3	146.8	75.8
„ 19,.....	76.9	78.1	77.8	74.8	74.0	74.3	74.7	74.2	73.6	74.2	75.1	77.1	77.2	76.9	77.5	77.3	76.2	77.5	76.0	74.5	74.4	72.7	72.1	71.3	75.3	149.4	77.3
„ 20,.....	71.1	71.2	71.3	74.1	71.8	71.9	72.6	73.5	74.0	74.2	75.3	75.7	75.9	75.8	75.6	75.8	75.8	76.8	77.1	77.1	77.4	76.7	76.6	76.5	74.7	139.4	76.8
„ 21,.....	75.9	75.6	75.5	75.2	74.6	74.8	75.4	75.6	76.5	75.8	74.4	74.6	74.4	74.7	74.3	75.4	75.5	75.4	74.8	75.0	75.6	75.8	75.5	75.3	75.2	150.5	75.0
„ 22,.....	74.3	74.6	75.0	75.1	75.4	75.3	75.8	75.7	76.4	76.5	76.8	77.6	77.5	78.9	78.6	78.2	77.4	77.5	77.7	78.2	74.3	73.7	74.8	75.2	76.3	151.5	74.3
„ 23,.....	71.4	70.1	69.5	69.0	68.6	68.9	68.5	68.4	69.1	69.9	70.2	71.6	70.0	69.6	69.4	70.6	69.9	69.3	69.1	67.3	65.6	64.7	64.8	63.6	68.7	154.0	72.8
„ 24,.....	63.7	63.4	63.0	62.4	62.1	62.6	62.6	63.0	63.6	64.5	64.8	67.7	67.9	67.6	67.3	67.6	68.1	67.8	67.8	67.8	67.4	67.5	68.2	67.9	65.7	137.7	68.3
„ 25,.....	68.3	68.0	68.7	68.4	68.5	68.6	70.0	69.5	69.9	70.4	69.4	69.6	69.7	69.9	69.9	69.7	69.7	69.5	69.4	69.5	69.0	70.0	70.3	70.4	69.4	137.6	68.6
„ 26,.....	70.4	70.5	70.3	70.2	70.9	70.9	70.5	69.5	69.3	69.6	71.1	71.5	72.4	71.5	71.1	71.4	71.1	70.5	70.3	70.1	70.8	69.8	70.2	70.7	70.6	138.7	71.3
„ 27,.....	71.1	71.4	71.4	71.2	69.8	69.9	69.8	70.2	70.8	71.4	70.3	70.7	70.7	71.5	70.5	69.7	71.0	71.2	71.9	71.6	72.0	71.7	71.1	71.1	70.9	136.2	71.2
„ 28,.....	70.9	70.8	71.2	70.1	69.0	68.7	69.3	69.3	69.4	69.5	69.1	69.4	69.6	70.1	70.6	70.7	70.6	70.4	70.6	71.0	71.1	71.5	71.7	71.8	70.3	135.9	74.1
„ 29,.....	72.1	71.9	71.7	71.5	71.3	71.0	71.4	70.6	69.8	69.5	68.7	69.4	69.6	69.8	70.4	70.0	69.9	69.5	70.5	70.4	70.8	70.9	70.6	70.8	70.5	137.3	74.0
„ 30,.....	69.3	69.6	69.0	69.3	69.4	69.3	69.5	69.4	68.4	68.2	67.2	68.6	70.0	69.5	70.3	70.3	70.6	70.3	71.0	71.1	71.8	71.9	71.0	71.4	69.9	139.4	74.0
.....	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Hourly Means, ...	71.8	71.6	71.5	71.3	70.9	70.8	71.1	71.1	71.3	71.7	71.6	72.3	72.6	72.8	72.9	72.8	72.7	72.6	72.6	72.8	72.7	72.5	72.3	72.1	72.0	143.9	72.1

TABLE IV.

MEAN HOURLY AND DAILY RELATIVE HUMIDITY AND TENSION OF AQUEOUS VAPOUR FOR THE MONTH OF SEPTEMBER, 1886.

Hour.	Hourly Mean.		Date.	Daily Mean.	
	Humidity.	Tension.		Humidity.	Tension.
			1886.		
1 a	75	0.708	Sep. 1,.....	87	0.859
2 „	75	0.703	„ 2,.....	86	0.867
3 „	75	0.702	„ 3,.....	77	0.834
4 „	74	0.694	„ 4,.....	76	0.818
5 „	73	0.679	„ 5,.....	81	0.857
6 „	72	0.675	„ 6,.....	64	0.663
7 „	70	0.675	„ 7,.....	60	0.586
8 „	66	0.661	„ 8,.....	66	0.652
9 „	61	0.647	„ 9,.....	77	0.714
10 „	59	0.645	„ 10,.....	63	0.630
11 „	58	0.636	„ 11,.....	45	0.444
Noon.	57	0.653	„ 12,.....	53	0.523
1 p	58	0.662	„ 13,.....	62	0.624
2 „	59	0.669	„ 14,.....	58	0.587
3 „	59	0.675	„ 15,.....	64	0.650
4 „	61	0.682	„ 16,.....	63	0.683
5 „	65	0.694	„ 17,.....	73	0.788
6 „	68	0.704	„ 18, ...	74	0.823
7 „	70	0.714	„ 19, ...	65	0.705
8 „	73	0.727	„ 20,.....	71	0.767
9 „	75	0.731	„ 21,.....	74	0.796
10 „	74	0.726	„ 22,.....	78	0.839
11 „	75	0.723	„ 23,.....	54	0.551
Midt.	57	0.717	„ 24,.....	52	0.479
			„ 25,.....	65	0.614
			„ 26,.....	67	0.646
			„ 27,.....	69	0.661
			„ 28,.....	65	0.636
			„ 29,.....	65	0.639
			„ 30,.....	65	0.623
			.....	...	...
Mean, ...	68	0.688	Mean, ...	67	0.687

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.
1886.														
Sep. 1,	...	0.2	...	0.5	0.5	1.0	0.2	0.3	...	...	...	...	...	2.7
„ 2,	0.1	0 5	1.0	0.9	0.3	1.0	1.0	1.0	1.0	0.8	...	0.1	0.1	7.8
„ 3,	...	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	10.8
„ 4,	...	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1 0	0.6	0.1	10.7
„ 5,	...	0.8	1.0	1.0	0.9	0.1	0.6	0.9	0.7	1.0	1.0	0.1	...	8.1
„ 6,	...	...	0.2	0.9	1.0	0.1	0.1	0.1	...	0.7	0.2	0.7	0 2	4.2
„ 7,	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1 0	1.0	1.0	0.2	11.4
„ 8,	0.1	0.8	0.9	1.0	1.0	1.0	1.0	1.0	1.0	0.1	...	0.3	...	8.2
„ 9,	...	...	...	...	...	...	...	...	...	..	...	...	...	...
„ 10,	...	0.9	0 9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	...	10.4
„ 11,	...	1.0	1.0	1 0	1.0	1.0	1.0	0.7	...	0.5	0.7	0.1	...	8.0
„ 12,	...	...	...	0.1	0.4	0.8	1.0	0.5	1.0	0.7	...	...	...	4.5
„ 13,	...	...	...	0.1	0.9	0.6	0.9	1.0	0.3	0.9	1.0	0.7	...	6.4
„ 14,	...	0.7	1.0	1.0	1.0	1.0	1.0	0.1	0.7	0.9	0.7	0.2	...	8.3
„ 15,	...	...	...	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1 0	0.4	...	7.9
„ 16,	...	0.6	1.0	1.0	1.0	1.0	1.0	0.9	0.5	1.0	0.9	...	...	8.9
„ 17,	...	0.1	0.5	1.0	0.9	1.0	0.9	1.0	1.0	1.0	1.0	1.0	...	9.4
„ 18,	...	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	1.0	0.9	...	10.6
„ 19,	...	0.5	1.0	1.0	1.0	1.0	1.0	0.4	0.8	0.9	0·9	0.1	...	8.6
„ 20,	...	0.1	0.1	...	...	0.1	...	...	...	...	...	...	...	0.3
„ 21,	...	...	...	0.7	1.0	0.9	1.0	0.8	0.6	1.0	0.6	1.0	0.1	7.7
„ 22,	...	0.7	1.0	1.0	1.0	0.9	0.9	0.7	0.9	0.8	0.5	0.5	...	8.9
„ 23,	...	...	...	0.4	1.0	1.0	1.0	1.0	1.0	1 0	1.0	1.0	0.1	8.5
„ 24,	...	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1 0	...	11.0
„ 25,	...	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.6	...	10.3
„ 26,	...	0.8	1.0	1 0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	...	10.5
„ 27,	...	0.4	1.0	1.0	1.0	1.0	1.0	1 0	1.0	1.0	1.0	1.0	...	10.4
„ 28,	...	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	...	10.5
„ 29,	...	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	...	10.3
„ 30,	...	0.7	1.0	1.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	0.8	...	10.4
.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sums, ...	0.4	15.4	20.6	24.1	25.8	25.5	25.6	23.4	22.5	24.2	21.3	13.0	0.9	245.7
Hourly Means, ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

TABLE VI.

RAINFALL FOR THE MONTH OF SEPTEMBER, 1886.

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.
Sep. 1, ...	...	...	...	...	...	...	...	...	...	...	...	...	0·010	0·040	0·215	...	...	...	...	...	...	...	...	...	0·265
„ 2, ...	...	...	...	0·015	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·015
„ 3, ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 4, ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 5, ...	...	...	...	...	...	0·005	...	...	...	...	0·130	...	...	...	...	...	...	...	...	0·595	0·265	0·025	0·020	...	1·040
„ 6, ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 7, ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 8, ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 9, ...	...	...	...	...	...	...	...	...	0·020	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·020
„ 10, ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 11, ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 12, ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 13, ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 14, ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 15, ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 16, ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 17, ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 18, ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 19, ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 20, ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·020	...	...	...	...	...	...	0·020
„ 21, ...	...	0·060	0·020	0·205	0·145	0·100	...	0·010	...	...	...	...	...	...	...	...	...	...	...	...	0·005	...	0·035	...	0·040
„ 22, ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·540
„ 23, ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·990	...	...	...	0·990
„ 24	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 25, ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 26, ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 27, ...	...	0·035	0·010	0·010	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 28, ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·010	...	...	...	0·065
„ 29, ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ 30, ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
.....	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sums,.....	...	0·095	0·030	0·230	0·145	0·105	...	0·010	0·020	...	0·130	...	0·010	0·040	0·215	...	...	0·020	...	0·595	1·270	0·025	0·055	...	2·995

TABLE VII.

DIRECTION AND VELOCITY OF THE WIND FOR THE MONTH OF SEPTEMBER, 1886.

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.		
Sep. 1,	...	0	21	2	22	2	22	3	22	3	...	1	...	0	...	0	23	3	25	6	25	7	23	5	23	4	28	8	31	6	...	0	31	2	31	3	...	0	1	2	4	3	...	1	...	0	...	1	62	2.6
„ 2,	3	3	...	0	...	1	...	0	...	1	...	0	4	2	8	6	10	11	8	16	8	13	9	18	9	17	9	22	10	17	9	15	9	15	9	11	9	8	9	7	...	1	...	0	...	0	185	7.7
„ 3,	...	0	...	0	...	0	...	0	...	0	...	0	...	0	...	0	...	0	...	0	22	3	24	6	22	4	10	4	9	8	10	6	15	6	15	4	15	2	8	9	8	6	8	3	...	0	...	1	62	2.6
„ 4,	...	0	8	2	32	3	...	1	...	0	...	0	...	0	...	0	30	2	2	3	8	9	8	9	16	9	16	9	16	5	16	5	...	1	...	0	...	0	...	0	...	0	...	0	...	0	...	0	72	3.0
„ 5,	...	1	26	2	29	2	23	3	...	1	23	2	..	0	23	3	24	5	22	10	24	7	24	4	27	9	21	11	20	12	19	14	19	15	19	15	21	14	26	17	19	7	18	5	28	2	26	6	167	7.0
„ 6,	25	6	26	5	26	4	1	13	3	11	3	4	...	1	1	8	31	6	31	11	31	8	23	9	28	13	28	9	30	13	30	12	30	7	30	7	31	6	31	4	31	5	1	6	1	13	1	17	198	8.2
„ 7,	2	15	2	11	7	4	25	4	32	5	3	4	1	7	1	8	32	8	28	6	24	7	23	4	22	5	22	6	12	8	10	12	10	14	10	9	11	9	10	5	9	3	...	1	...	0	...	1	156	6.5
„ 8,	3	6	3	5	2	8	2	12	2	11	1	12	1	5	1	3	1	3	7	7	5	11	9	12	10	12	10	15	10	17	10	16	10	14	9	13	9	11	9	6	9	5	7	3	...	0	...	1	210	8.8
„ 9,	7	2	11	4	13	5	8	10	4	9	1	10	32	11	1	11	3	9	6	8	5	8	7	11	10	10	9	13	8	14	9	18	9	8	6	7	6	7	6	4	...	0	...	0	...	0	...	0	164	6.8
„ 10,	...	0	3	5	1	10	3	9	3	8	1	15	2	18	2	12	4	5	32	5	8	7	11	10	10	11	18	4	23	12	23	12	21	6	15	5	15	4	15	3	15	2	...	0	...	0	...	1	166	6.9
„ 11,	2	3	1	19	2	15	2	11	2	15	3	11	2	9	1	21	2	30	1	29	1	15	32	14	2	8	31	9	1	6	29	7	30	5	30	5	32	8	32	4	32	2	0	...	0	...	0	...	257	10.7
„ 12,	..	1	2	11	2	12	1	14	32	13	1	8	4	9	1	11	1	8	4	5	11	6	11	8	8	8	10	12	10	12	8	13	8	10	9	7	9	3	9	2	...	0	...	0	...	0	...	1	173	7.2
„ 13,	...	0	...	0	...	0	...	1	13	2	13	2	13	2	7	5	1	8	4	5	15	4	23	9	23	7	22	6	16	4	21	3	12	5	14	5	14	3	14	3	14	2	...	0	...	0	...	0	80	3.3
„ 14,	...	0	...	0	...	0	...	0	...	1	14	4	1	6	1	13	1	7	8	4	10	5	11	6	12	5	24	5	9	6	4	6	31	3	27	6	26	5	...	1	...	0	...	0	...	0	...	0	84	3.5
„ 15,	...	0	...	1	...	1	...	0	...	0	..	0	...	1	...	1	32	6	9	4	9	4	10	11	10	12	10	11	10	6	8	8	4	6	24	5	23	2	4	3	4	2	...	0	...	0	...	0	86	3.6
„ 16,	...	1	...	0	...	0	...	0	...	0	...	1	...	1	29	3	32	12	1	9	2	9	32	18	32	9	22	5	13	5	26	8	9	10	10	13	9	9	9	7	10	4	11	4	11	2	...	0	130	5.4
„ 17,	...	0	...	0	...	0	11	2	...	1	...	1	...	1	11	2	25	9	25	7	23	8	22	8	24	9	24	9	23	9	20	8	17	9	17	7	15	8	15	7	15	4	8	3	8	11	7	2	125	5.2
„ 18,	...	1	...	0	7	2	32	3	...	0	...	0	...	0	28	8	26	9	27	7	27	7	22	13	23	14	24	12	24	9	16	9	16	7	16	2	27	2	...	1	...	0	25	5	115	4.8
„ 19,	24	3	...	1	...	1	1	4	32	12	2	4	1	4	32	7	32	7	32	7	21	7	22	9	23	12	23	13	23	11	23	10	26	10	4	8	4	6	6	13	4	8	4	7	2	8	1	12	184	7.7
„ 20,	1	19	2	14	2	9	6	5	4	2	...	1	32	2	1	4	2	4	32	5	11	6	10	8	9	11	9	7	9	6	8	3	30	4	7	7	7	12	7	14	7	19	7	25	6	24	7	26	237	9.9
„ 21,	7	24	7	20	5	17	6	15	6	22	7	13	7	22	7	18	6	20	7	22	7	19	8	2	10	18	10	14	10	15	9	9	14	5	17	2	17	4	...	1	24	3	26	7	25	5	29	10	330	13.7
„ 22,	29	8	25	9	27	11	27	7	27	6	26	6	...	1	24	2	27	7	23	7	24	8	24	9	24	8	25	10	27	8	26	8	29	4	29	5	...	1	4	4	15	20	24	4	28	5	1	5	163	6.8
„ 23,	2	14	2	16	2	15	2	11	2	14	2	8	2	19	1	26	1	22	1	19	1	15	1	17	1	12	32	13	32	12	31	15	31	12	31	9	1	5	1	9	32	11	32	13	3	16	1	21	344	14.3
„ 24,	1	19	2	16	2	16	2	20	1	21	2	18	2	16	2	18	2	17	32	12	25	6	22	8	23	7	24	6	22	6	24	7	19	5	16	7	14	3	10	3	11	2	11	2	12	2	...	0	237	9.9
„ 25,	...	0	12	2	12	2	5	5	4	5	3	10	5	13	5	13	5	14	8	16	9	20	9	20	10	20	10	20	10	21	10	18	9	15	8	14	7	12	7	10	7	9	6	9	6	11	7	10	289	12.0
„ 26,	4	9	6	11	5	8	4	8	5	12	4	11	3	13	4	13	6	10	8	11	10	12	11	12	10	18	10	22	9	22	10	19	10	16	8	14	8	14	7	15	7	16	7	17	7	12	7	14	329	13.7
„ 27,	7	17	7	15	7	15	10	5	4	12	4	12	4	13	4	13	6	15	7	21	7	22	9	23	10	18	10	18	9	24	10	27	8	28	8	26	8	24	8	23	8	28	8	26	7	25	7	26	479	20.0
„ 28,	7	24	7	23	6	25	6	25	6	24	6	24	6	22	6	25	7	21	7	22	9	23	10	23	11	22	10	20	10	24	10	21	9	18	8	15	7	16	8	13	7	15	7	17	7	17	7	17	496	20.7
„ 29,	7	16	7	18	5	18	5	19	6	17	6	16	4	15	6	17	5	16	7	21	8	22	10	22	10	23	10	23	10	22	10	22	8	17	7	16	7	18	7	16	7	20	7	23	7	24	7	22	463	19.3
„ 30,	6	25	7	23	7	24	7	22	7	24	5	20	6	21	6	24	7	22	7	24	7	22	8	20	8	20	8	21	10	24	9	22	7	20	7	17	7	19	7	20	8	23	8	26	7	23	7	24	530	22.1
....	...	...	...	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sums,	...	223	...	235	...	230	...	232	...	252	...	223	...	234	...	297	...	317	...	328	...	322	...	359	...	354	...	364	...	375	...	348	...	298	...	267	...	232	..	227	...	219	...	205	...	204	...	228	6573	273.9
Hourly Means,	...	7.4	...	7.8	...	7.7	...	7.7	...	8.4	...	7.4	...	7.8	...	9.9	..	10.6	...	10.9	...	10.7	...	12.0	...	11.8	...	12.1	...	12.5	...	11.6	...	9.9	...	8.9	...	7.7	...	7 6	...	7.3	...	6.8	...	6.8	...	7.6	219.1	9.1

TABLE VIII.

MEAN HOURLY COMPONENTS AND MEAN DIRECTION OF THE WIND, FOR SEPTEMBER, 1886.

Hour.	Components (miles per hour).						Direction.
	N	E	S	W	+N-S	+E-W	
1 a.	3.2	4.3	0.0	0.5	+3.2	+3.8	E 40° N
2 „	3.0	4.8	0.2	0.5	2.8	4.3	E 33° N
3 „	4.2	4.2	0.2	0.5	3.9	3.8	E 46° N
4 „	4.4	4.0	0.1	0.5	4.2	3.5	E 50° N
5 „	5.1	4.5	0.1	0.2	5.0	4.2	E 50° N
6 „	4.6	3.9	0.2	0.2	4.4	3.6	E 51° N
7 „	4.9	4.2	0.0	0.0	4.9	4.2	E 49° N
8 „	6.6	4.1	0.0	0.4	6.6	3.7	E 61° N
9 „	6.2	4.7	0.1	1.0	6.1	3.7	E 59° N
10 „	3.9	6.1	0.1	1.3	3.8	4.8	E 38° N
11 „	2.2	6.6	0.8	1.8	+1.4	4.8	E 16° N
Noon.	1.6	6.7	2.3	2.6	−0.7	4.1	E 10° S
1 p.	1.4	6.9	2.3	2.8	0.8	4.1	E 11° S
2 „	1.1	6.9	2.5	3.0	1.4	3.9	E 20° S
3 „	1.4	7.5	3.2	2.2	1.9	5.4	E 19° S
4 „	1.3	6.9	2.5	2.3	1.2	4.6	E 15° S
5 „	1.5	6.1	2.3	1.2	0.8	5.0	E 9° S
6 „	1.3	5.7	1.8	0.9	0.5	4.8	E 6° S
7 „	0.9	5.4	1.3	0.6	−0.4	4.8	E 5° S
8 „	1.1	5.7	0.5	0.5	+0.6	5.2	E 7° N
9 „	0.9	5.2	1.2	0.3	−0.3	5.0	E 3° S
10 „	1.1	5.3	0.3	0.4	+0.8	4.9	E 9° N
11 „	1.6	5.3	0.1	0.3	1.5	5.0	E 17° N
Midt.	2.1	4.8	0.1	0.6	+2.1	4.3	E 26° N
Mean,.....	2.7	5.4	0.9	1.0	+1.8	+4.4	E 19° 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.
1886.												
Sep. 1,.....	E	3	0	E	2	0	S	3	0	S	4	0
„ 2,.....	SE	4	0	SE	4	2	E	4	1	SE	2	0
„ 3,.....	ESE	2	0	ESE	2	1	ESE	2	1	...	0	0
„ 4,.....	...	...	0	ENE	3	1	SSW	5	2	SSW	4	0
„ 5,.....	...	...	0	SSW	5	1	SSW	5	2	SSW	5	0
„ 6,.....	...	...	0	NE	4	1	NNW	4	1	NNW	5	1
„ 7,.....	...	...	2	NNE	3	2	SE	2	1	SE	3	1
„ 8,.....	...	...	1	NE	4	1	ENE	3	2	ENE	4	1
„ 9,.....	...	...	3	ENE	5	2	E	5	2	ENE	5	1
„ 10,.....	...	...	1	NE	4	1	W	4	1	ENE	4	1
„ 11,.....	...	...	...	NE	5	...	N	4	...	N	3	0
„ 12,.....	...	...	1	NNE	4	1	ENE	3	1	NE	3	0
„ 13,.....	...	...	0	E	4	2	NE	3	1	NE	4	0
„ 14,.....	...	...	0	NE	3	0	NE	2	0	NE	3	0
„ 15,.....	...	...	0	NNE	3	1	E	3	0	ENE	3	0
„ 16,.....	...	...	0	NNE	5	0	SSW	4	0	SE	4	0
„ 17,.....	...	...	0	N	3	2	NE	3	0	SW	4	0
„ 18,.....	...	...	0	NNE	3	1	SW	4	0	NNE	3	2
„ 19,.....	...	...	0	ENE	3	1	NW	4	1	NE	3	1
„ 20,.....	...	...	2	ENE	3	2	ENE	2	2	E	5	3
„ 21,.....	...	...	4	E	6	4	ESE	4	3	ESE	4	2
„ 22,.....	...	...	0	NNE	3	2	NW	3	1	NE	4	0
„ 23,.....	...	...	0	NNE	5	2	NE	4	2	NE	4	3
„ 24,.....	...	...	2	NE	4	2	NW	3	0	W	3	0
„ 25,.....	...	...	4	E	5	4	E	5	3	E	4	3
„ 26,.....	...	...	4	ENE	5	4	E	4	3	E	5	3
„ 27,.....	...	...	5	E	6	4	E	6	4	E	6	5
„ 28,.....	...	...	4	E	6	5	E	5	4	E	5	4
„ 29,.....	...	...	5	E	6	5	E	5	4	E	6	5
„ 30,.....	...	...	4	E	6	5	E	6	5	E	7	5
.....	...	...	...	...	...	...	...	...	...	...	...	...
Mean,.....	...	...	1.4	E 25° N	4.1	2.0	E 6° N	3.8	1.6	E 7° N	4.0	1.4

TABLE X.
VICTORIA PEAK.

DATE.	BAROMETER.			TEMPERATURE.						
	10 a.	4 p.	10 p.	10 a.	4 p.	10 p.	Sun.	Max.	Min.	Rad.
1886.	ins.	ins.	ins.	°	°	°	°	°	°	°
Sep. 1,.....	28.058	28.009	28.000	74.4	72.7	72.4	135.9	77.1	71.9	70.2
„ 2,.....	.049	.018	.017	73.8	76.8	73.8	144.3	77.5	72.4	72.3
„ 3,.....	.051	27.987	.036	77.8	77.0	75.0	144.3	78.6	72.3	68.4
„ 4,.....	.055	.979	.021	77.7	76.5	74.8	142.0	78.9	73.2	71.4
„ 5,.....	.035	.960	27.973	73.8	75.2	73.4	143.6	77.3	73.1	70.8
„ 6,.....	.007	.955	28.007	74.3	75.2	73.3	146.4	76.5	70.2	65.2
„ 7,.....	.026	.974	.016	73.2	75.6	73.8	132.7	76.7	67.2	65.2
„ 8,.....	.031	.990	.037	72.7	76.0	73.0	144.3	77.3	69.1	67.2
„ 9,.....	.046	28.006	.046	72.2	70.6	69.1	123.1	73.9	69.1	66.2
„ 10,.....	.047	27.978	27.994	72.7	75.4	70.2	139.0	76.1	68.1	65.2
„ 11,.....	.031	.984	28.023	73.6	74.2	71.7	135.9	76.1	67.2	60.2
„ 12,.....	.052	28.012	.040	72.6	75.2	72.6	144.3	76.8	68.3	63.2
„ 13,.....	.095	.061	.089	71.6	76.2	73.6	146.4	77.3	66.1	59.4
„ 14,.....	.110	.051	.033	73.0	76.2	73.0	142.2	76.9	71.1	63.2
„ 15,.....	.053	27.978	27.966	74.4	76.7	73.5	147.5	78.5	71.0	65.2
„ 16,.....	27.980	.926	.944	75.4	76.8	74.7	143.2	79.9	72.1	65.2
„ 17,.....	.973	.925	.941	77.5	75.8	73.2	141.1	79.5	73.2	71.2
„ 18,.....	.950	.889	.914	77.8	78.4	76.2	142.2	81.5	73.2	71.2
„ 19,.....	.934	.907	.961	78.7	81.0	76.0	142.8	81.0	75.1	69.4
„ 20,.....	28.001	.969	28.000	76.3	77.6	74.6	152.9	78.5	74 1	70.2
„ 21,.....	.029	.978	.025	75.5	78.2	75.6	147.4	79.7	73.8	70.2
„ 22,.....	.051	.988	.040	77.6	80.6	74.6	142.3	80.7	73.1	66.2
„ 23,.....	.077	28.007	.046	72.8	77.6	71.2	143.2	77.9	70.1	62.2
„ 24,.....	.088	.038	.059	71.5	76.4	71.2	130.7	76.5	67.5	63.2
„ 25,.....	.125	.077	.108	72.4	73.0	69.2	137.0	75.9	68.7	67.2
„ 26,.....	.172	.123	.118	72.7	72.2	70.2	134.8	75.3	69.2	66.2
„ 27,.....	.179	.133	.168	72.2	72.6	69.2	131.7	75.1	69.2	66.2
„ 28,.....	.191	.157	.225	72.4	70.6	68.8	131.7	74.1	68.8	65 2
„ 29,.....	.184	.146	.182	71.6	73.8	69.2	131.7	74.9	68.8	66.2
„ 30,.....	.210	.161	.204	70.7	71.8	69.8	134.8	73.5	68.5	66.2
.....	...	...	...	...	...	...	...	...	...	...
Mean,.....	28.063	28.012	28.041	74.1	75.5	72.6	140.0	77.3	70.5	66.6

TABLE XI.
HUMIDITY AT THE OBSERVATORY AND AT VICTORIA PEAK.

DATE. 1886.	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.
Sep. 1,.....	78	85	89	95	95	93	0.843	0.869	0.849	0.816	0.770	0.742
„ 2,.....	81	82	91	98	90	86	.857	.874	.896	.819	.826	.718
„ 3,.....	71	68	84	84	82	82	.843	.791	.836	.805	.763	.710
„ 4,.....	65	64	85	81	86	94	.806	.793	.867	.775	.789	.814
„ 5,.....	75	70	87	98	95	88	.865	.847	.827	.811	.838	.723
„ 6,.....	59	57	61	85	78	74	.636	.635	.634	.719	.685	.605
„ 7,.....	56	55	79	69	72	72	.576	.601	.716	.568	.643	.599
„ 8,.....	52	65	81	75	72	93	.584	.691	.779	.610	.653	.750
„ 9,.....	77	76	73	88	89	85	.693	.730	.691	.692	.668	.609
„ 10,.....	53	58	76	70	73	83	.565	.633	.698	.571	.649	.617
„ 11,.....	35	34	59	58	58	60	.360	.383	.550	.484	.497	.469
„ 12,.....	41	53	74	65	67	71	.431	.567	.692	.517	.582	.572
„ 13,.....	58	42	70	87	69	63	.641	.496	.636	.671	.620	.525
„ 14,.....	44	53	75	74	70	70	.505	.589	.703	.602	.634	.567
„ 15,.....	51	57	76	74	70	75	.576	.647	.727	.628	.636	.617
„ 16,.....	42	54	76	65	66	74	.516	.665	.768	.572	.605	.639
„ 17,.....	65	66	79	82	84	95	.744	.792	.815	.781	.754	.778
„ 18,.....	60	66	81	86	82	76	.745	.816	.856	.818	.806	.680
„ 19,.....	53	61	60	74	73	75	.679	.801	.673	.726	.773	.675
„ 20,.....	63	70	85	83	85	94	.723	.794	.875	.752	.812	.809
„ 21,.....	69	64	80	91	75	90	.793	.762	.832	.806	.724	.797
„ 22,.....	69	74	93	85	82	85	.812	.880	.811	.812	.858	.731
„ 23,.....	56	47	43	77	65	67	.586	.564	.425	.619	.617	.514
„ 24,.....	41	43	62	63	56	72	.416	.476	.560	.487	.518	.555
„ 25,.....	60	60	69	76	74	85	.618	.603	.642	.610	.602	.608
„ 26,.....	58	64	64	79	82	81	.589	.658	.618	.635	.652	.602
„ 27,.....	64	61	72	82	71	85	.655	.604	.693	.648	.572	.608
„ 28,.....	58	66	71	78	89	93	.585	.646	.685	.617	.668	.658
„ 29,.....	57	61	70	79	69	85	.581	.613	.662	.606	.578	.608
„ 30,.....	54	65	74	70	79	91	.545	.636	.705	.531	.617	.663
.....	...	...	...	...	...	...	...	...	...	...	...	...
Mean,.....	59	61	75	79	77	81	0.646	0.682	0.724	0.670	0.680	0.652

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
1886.												
Sep. 1, ...	10	cum-nim.	...	10	cum-nim.	...	10	str-cum.	...	9	c-str. / cum.	NNE / ....
„ 2, ...	3	str.	...	10	nim.	...	3	c-cum. / sm-cum. / cum.	NW / SE / E	7	c. / sm-cum. / cum.	.... / SSW / ESE
„ 3, ...	10	cum.	...	7	cum.	ESE	5	sm-cum.	E	1	sm-cum. / cum.	E
„ 4, ...	1	str.	...	2	c-str.	...	1	c-str. / cum.	...	1	c. / cum.	W / ESE
„ 5, ...	1	cum.	...	10	cum-nim.	WSW	7	c-str. / cum.	N / WSW	8	c-cum. / cum. / cum-nim.	N / WSW / WSW
„ 6, ...	2	cum.	SW	7	cum.	W	10	sm-cum.	W	6	c-cum.	W
„ 7, ...	0	...	...	2	c-str.	...	0	...	...	1	c-str.	...
„ 8, ...	1	cum.	...	1	cum.	...	3	c-cum.	W	6	cum.	SSE
„ 9, ...	2	cum.	ESE	10	cum-nim.	E	10	cum-nim.	E	10	str. / cum-nim.	E
„ 10, ...	3	c-cum.	SW	9	cum.	...	5	c-str. / sm-cum.	W	6	c-str. / sm-cum.	W
„ 11, ...	0	...	...	1	cum.	...	1	c-cum.	...	0	...	...
„ 12, ...	10	cum.	SW	10	c-str. / cum.	W	10	str.	W	8	sm-cum.	W
„ 13, ...	8	sm-cum.	W	10	sm-cum.	W	8	c-str. / str-cum.	SW	8	c-str. / cum.	W / SW
„ 14, ...	8	sm-cum.	WSW	7	sm-cum.	...	8	c-str. / c-cum.	WNW	3	c-cum.	N
„ 15, ...	8	c. / c-cum.	NW / WNW	9	c-cum.	WNW	10	c-str. / c-cum.	WNW	6	c-str. / c-cum.	NNW / W
„ 16, ...	4	c-cum.	ESE	6	c-cum. / cum.	ESE / N	3	c-str. / c-cum.	SE	3	c-cum.	ENE
„ 17, ...	8	sm-cum.	NE	10	sm-cum.	NE	10	sm-cum.	ENE	3	sm-cum. / cum.	NE / NNE
„ 18, ...	8	sm-cum.	SW	2	sm-cum.	SW	5	c-cum.	SSW	1	c-cum. / cum.	SSE / NE
„ 19, ...	9	cum-nim.	SSE	7	cum.	SE	4	c-cum. / cum.	SSE /	2	c. / cum.	S / ....
„ 20, ...	9	cum.	WSW	9	cum-nim.	W	8	c / cum.	SSE	9	c. / cum.	E
„ 21, ...	10	nim.	ESE	10	nim.	ESE	10	cum / cum-nim.	E / E	5	c-cum. / cum.	E
„ 22, ...	7	cum-nim.	...	4	cum.	NW	6	sm-cum.	NW	2	c-cum. / cum.	NNW / NE
„ 23, ...	4	cum.	SSE	7	R-cum.	SE	9	R-cum.	SE	1	c. / cum.	NNW
„ 24, ...	0	...	...	2	cum.	...	0	...	...	1	c-cum.	WNW
„ 25, ...	1	cum.	NE	6	sm-cum. / cum.	NE	1	sm-cum. / cum.	SE / NE	3	c-str. / cum.	NE / NE
„ 26, ...	1	cum.	E	4	cum.	E	1	cum.	NE	2	cum.	ENE
„ 27, ...	3	cum-nim.	ENE	9	cum-nim.	E	4	c-cum. / cum.	WNW /	1	cum.	ENE
„ 28, ...	5	cum.	E	2	cum.	E	1	cum.	ENE	1	cum.	ENE
„ 29, ...	9	nim.	ENE	7	cum-nim.	ENE	4	cum.	ENE	1	cum.	ENE
„ 30, ...	0	...	...	3	cum.	ENE	5	c-cum. / cum.	S / ENE	3	c-str.	W
.....	...	...	...	...	...	...	...	...	...	...	...	...
Mean,.....	4.8	...	...	6.4	...	...	5.4	...	...	3.9	...	...

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	
1886.													
Sep. 1,.....	10	str.	...	9	c-str. / nim.	NNE / SE	10	str.	...	3	str-cum.	N	8.9
„ 2,.....	7	sm-cum. / cum.	SSE / E	10	c-str. / cum.	ESE	7	sm-cum.	E	10	cum.	...	7.1
„ 3,.....	1	cum.	E	2	c-str. / cum.	ESE	1	c-str.	...	0	...	...	3.4
„ 4,.....	2	cum.	SE	1	c-str. / cum.	...	3	c-cum.	NW	2	c-cum.	NNW	1.6
„ 5,.....	7	c-cum. / cum. / cum-str.	NNW / WSW / WSW	7	c-str. / cum.	NNW / WSW	10	cum-str. / cum-nim.	W / SW	10	nim.	WNW	7.5
„ 6,.....	10	sm-cum. / cum.	WNW	9	c-cum. / cum.	W / WNW	2	sm-cum.	WNW	9	sm-cum.	W	6.9
„ 7,.....	1	c-str. / cum.	...	6	cum.	N	0	...	...	0	...	...	1.2
„ 8,.....	5	c-str. / cum.	NNE	9	sm-cum. / cum.	WNW / SW	9	sm-cum.	WNW	5	sm-cum.	W	4.9
„ 9,.....	10	c-str. / nim.	ENE	10	sm-cum. / cum. / cum-nim.	.... / ENE / E	10	sm-cum. / cum.	W / NE	10	cum. / cum.	W / ENE	9.0
„ 10,.....	7	c-str. / c-cum. / cum.	.... / NW / NE	8	c-cum. / cum.	NE / ENE	7	sm-cum.	NE	0	...	...	5.6
„ 11,.....	8	c-cum.	NNW	5	c-cum.	NW	7	c-cum.	NW	9	sm-cum.	W	3.9
„ 12,.....	9	sm-cum.	WNW	9	sm-cum.	WNW	10	sm-cum.	W	10	sm-cum.	W	9.5
„ 13,.....	9	c-str. / cum.	WNW / N	2	c-str. / c-cum.	WNW / WNW	2	c-cum.	WNW	1	sm-cum.	WNW	6.0
„ 14,.....	9	c-str. / sm-cum.	NNW	8	c-cum. / sm-cum.	W	3	c-cum.	NW	9	c-str. / c-cum.	N	6.9
„ 15,.....	3	c-str. / c-cum.	W	4	c-str. / c-cum. / cum.	WNW / NE / E	0	...	...	0	...	...	5.0
„ 16,.....	7	c-cum.	NNW	4	c-cum. / cum.	ESE /	9	sm-cum.	SE	7	sm-cum.	SE	5.4
„ 17,.....	7	c-str. / c-cum. / cum.	.... / N / NNE	4	c-cum. / cum.	E / N	7	cum.	N	10	str-cum.	NNE	7.4
„ 18,.....	4	c-str. / cum.	NNE	2	c-str. / cum.	NNE	8	c-str. / cum.	...	9	c-str. / cum-str.	SSE /	4.9
„ 19,.....	8	cum.	W	9	c-str. / cum.	S / NNW	1	cum.	WNW	8	cum. / cum.	WNW	6.0
„ 20,.....	10	str. / cum-nim.	ENE	9	sm-cum. / cum. / R-cum.	E / NNW / WNW	10	nim.	ENE	10	nim.	ENE	9.3
„ 21,.....	5	sm-cum. / cum.	NE / NNE	7	c-cum. / sm-cum.	NNE / ENE	10	c-str.	...	10	cum.	...	8.4
„ 22,.....	8	cum.	NNE	8	cum. / cum-nim.	NW / SSE	1	cum.	...	10	cum-nim.	N	5.7
„ 23,.....	1	cum.	WNW	0	...	...	0	...	...	0	...	...	2.8
„ 24,.....	1	cum.	WNW	0	...	...	0	...	...	0	...	...	0.5
„ 25,.....	3	sm-cum. / cum.	WNW / ESE	2	cum.	E	0	...	...	0	...	...	2.0
„ 26,.....	2	c-cum. / cum.	NE	4	c. / cum.	E	0	...	...	1	cum.	NE	1.9
„ 27,.....	1	cum.	ENE	1	cum.	ENE	7	cum.	ENE	10	cum-nim.	NE	4.5
„ 28,.....	0	...	...	1	cum.	NE	1	cum.	ENE	1	cum.	ENE	1.5
„ 29,.....	1	cum.	...	0	...	...	0	...	...	0	...	...	2.7
„ 30,.....	1	c-str.	...	0	...	...	1	cum.	ENE	4	cum.	ENE	2.1
.....	...	...	...	...	...	...	...	...	...	...	...	...	...
Mean,.....	5.2	...	...	5.0	...	...	4.5	...	...	5.3	...	...	5.1

TABLE XIII.

RAINFALL AT DIFFERENT STATIONS.

Date.	Observatory.		Stone Cutters' Island.	Victoria Peak.
	Amount.	Duration.	Amount.	Amount.
1886.	ins.	hrs.	ins.	ins.
Sep. 1,.....	0.280	2	0.20	...
„ 2, ...	...	...	...	...
„ 3,.....	...	...	...	...
„ 4,.....	0.005	...	...	...
„ 5,.....	1.035	4	1.01	1.40
„ 6,.....	...	...	...	...
„ 7,.....	...	...	...	...
„ 8,.....	0.020	1	0.06	0.16
„ 9,.....	...	2	...	...
„ 10,.....	...	...	...	...
„ 11,.....	...	...	...	...
„ 12,.....	...	...	...	...
„ 13,.....	...	...	...	...
„ 14,.....	...	...	...	...
„ 15,.....	...	...	...	...
„ 16,.....	...	...	...	...
„ 17,.....	...	...	0.02	...
„ 18,.....	...	...	...	...
„ 19,.....	0.020	1	...	...
„ 20,.....	0.580	8	0.57	0.88
„ 21,.....	...	...	...	...
„ 22,.....	0.990	1	1.15	1.98
„ 23,.....	...	...	...	...
„ 24,.....	...	...	...	...
„ 25,.....	...	...	...	...
„ 26,.....	0.055	2	0.11	...
„ 27,.....	0.010	1	0.16	...
„ 28,.....	...	...	...	...
„ 29,.....	...	...	...	...
„ 30,.....	...	...	...	...
.....	...	...	...	...
Total,.....	2.995	22	3.28	4.42

W. Doberck,
Government Astronomer.

Hongkong Observatory, 18th October, 1886.

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