



SUPPLEMENT

To the HONGKONG GOVERNMENT GAZETTE of 29th October, 1887.

GOVERNMENT NOTIFICATION.—No. 452.

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

By Command,

FREDERICK STEWART,
Colonial Secretary.

Colonial Secretary's Office, Hongkong, 29th October, 1887.

HONGKONG OBSERVATORY.

Weather Report for September, 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 1st, 2nd, 9th, 20th, 23rd, 24th, 28th and 29th.

Dew fell on the 1st, 9th, 16th, 19th, 23rd, 27th, 28th and 29th.

Lightning was seen on the evenings of the 4th, 5th, 10th, 14th, 15th, 17th, 20th and 24th.

Lightning accompanied by faint thunder was noted on the evening of the 3rd, and between 3^h and 4^h a. on the 4th a thunderstorm passed from E through S to W. It was nearest (25s.) at 4 a. Thunder continued during the same morning.

On the 16th from 5^h to 7^h p. a thunderstorm was passing from NE through W to SW. It was nearest (30s.) at 5^h 45^m p.

On the 28th during the evening lightning with thunder was noted, and on the 29th between 1^h and 3^h p. a thunderstorm passed far West of here. Later between 5^½^h and 6^½^h p. a thunderstorm passed from NE to SW through W. It was nearest (18s.) at 6^h 0^m p.

Lightning and thunder were noted during the early morning of the 30th.

Solar halos were seen on the 1st, 5th, 6th, 24th, 25th and 27th.

A solar corona was seen on the 19th.

Lunar halos were noted on the 7th, 24th and 29th.

Lunar coronas were observed on the 27th and 28th.

Rainbows were seen at 5^h 45^m p. on the 13th, at 6^h 35^m a. on the 15th, and at 7^h 0^m a. on the 19th.

Visibility was noted on the 1st.

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	329	34	9.7
NE	1901	78	24.4
E	6908	300	23.0
SE	2395	103	23.3
S	376	27	13.9
SW	196	17	11.5
W	791	81	9.8
NW	388	31	12.5
Calm	26	49	0.5

TABLE I.

BAROMETRIC PRESSURE FOR THE MONTH OF SEPTEMBER, 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.
Sept. 1, ...	29.794	29.762	29.752	29.748	29.746	29.748	29.769	29.778	29.792	29.803	29.801	29.783	29.754	29.739	29.725	29.711	29.713	29.730	29.741	29.767	29.790	29.806	29.805	29.799	29.765
" 2, ...	.795	.774	.765	.748	.746	.751	.765	.785	.799	.803	.795	.782	.758	.730	.718	.704	.686	.696	.710	.725	.749	.762	.759	.754	.752
" 3, ...	.750	.740	.729	.724	.726	.735	.744	.756	.757	.761	.757	.750	.728	.705	.689	.680	.674	.677	.690	.708	.733	.740	.741	.738	.726
" 4, ...	.728	.716	.717	.724	.742	.744	.755	.776	.799	.808	.800	.779	.758	.741	.717	.696	.697	.697	.713	.731	.758	.776	.767	.769	.746
" 5, ...	.751	.734	.735	.734	.737	.753	.775	.782	.787	.788	.789	.778	.761	.742	.728	.718	.716	.714	.720	.740	.769	.773	.772	.770	.753
" 6, ...	.771	.746	.733	.733	.747	.758	.768	.770	.773	.772	.751	.728	.706	.687	.669	.660	.679	.679	.679	.703	.729	.732	.723	.711	.725
" 7, ...	.692	.695	.689	.683	.666	.659	.676	.671	.680	.680	.682	.677	.662	.641	.638	.634	.639	.651	.669	.686	.698	.705	.704	.704	.673
" 8, ...	.687	.668	.649	.633	.635	.632	.641	.658	.655	.654	.643	.624	.605	.691	.678	.668	.669	.670	.670	.691	.701	.709	.708	.692	.699
" 9, ...	.501	.492	.477	.458	.453	.437	.430	.454	.449	.453	.440	.421	.396	.564	.534	.527	.519	.524	.530	.534	.547	.552	.544	.513	.594
" 10, ...	.302	.292	.281	.273	.275	.277	.276	.294	.290	.284	.260	.243	.396	.367	.341	.340	.337	.342	.344	.355	.367	.364	.348	.328	.405
" 11, ...	.120	.126	.138	.154	.185	.219	.252	.298	.320	.324	.325	.327	.324	.203	.172	.164	.148	.148	.148	.116	.096	.088	.070	.209	.209
" 12, ...	.503	.495	.516	.512	.526	.547	.575	.598	.613	.631	.640	.635	.614	.595	.592	.594	.607	.632	.647	.675	.698	.696	.697	.606	.682
" 13, ...	.690	.686	.668	.652	.650	.671	.689	.709	.717	.719	.716	.708	.673	.640	.630	.644	.641	.641	.672	.686	.707	.718	.718	.716	.682
" 14, ...	.704	.687	.682	.682	.681	.685	.717	.736	.752	.754	.756	.727	.704	.672	.664	.653	.663	.675	.695	.711	.731	.739	.736	.706	.671
" 15, ...	.724	.705	.693	.683	.679	.689	.705	.715	.717	.705	.686	.672	.645	.616	.611	.605	.605	.631	.645	.664	.690	.675	.678	.668	.671
" 16, ...	.636	.616	.608	.585	.575	.570	.566	.566	.567	.554	.524	.491	.480	.476	.455	.453	.452	.484	.506	.540	.566	.597	.599	.613	.545
" 17, ...	.615	.618	.614	.606	.625	.644	.656	.691	.701	.717	.718	.703	.694	.677	.671	.665	.656	.672	.682	.702	.732	.745	.749	.733	.679
" 18, ...	.727	.709	.701	.701	.705	.700	.726	.746	.757	.761	.748	.721	.697	.678	.670	.659	.649	.651	.657	.670	.688	.701	.697	.680	.700
" 19, ...	.668	.651	.634	.620	.621	.629	.641	.650	.643	.648	.655	.652	.620	.576	.567	.549	.552	.552	.569	.577	.594	.593	.575	.554	.607
" 20, ...	.539	.510	.512	.491	.508	.505	.530	.534	.552	.556	.556	.551	.522	.530	.534	.546	.571	.603	.621	.646	.691	.703	.697	.699	.571
" 21, ...	.709	.708	.697	.711	.727	.735	.759	.795	.814	.834	.839	.823	.805	.799	.797	.797	.804	.822	.833	.860	.871	.877	.875	.876	.799
" 22, ...	.865	.860	.855	.845	.845	.846	.873	.879	.881	.883	.882	.857	.836	.804	.795	.771	.764	.756	.762	.773	.785	.781	.763	.821	.821
" 23, ...	.723	.708	.700	.693	.702	.715	.722	.730	.728	.713	.690	.649	.615	.574	.547	.549	.550	.553	.549	.558	.561	.558	.540	.632	.632
" 24, ...	.535	.530	.536	.535	.553	.555	.560	.556	.580	.581	.565	.534	.506	.486	.494	.499	.490	.494	.526	.560	.562	.558	.540	.632	.632
" 25, ...	.579	.572	.562	.569	.585	.611	.641	.675	.696	.719	.721	.713	.697	.688	.690	.702	.717	.736	.759	.792	.821	.820	.806	.695	.695
" 26, ...	.809	.811	.799	.802	.802	.816	.837	.866	.890	.904	.902	.901	.880	.860	.851	.850	.850	.850	.857	.880	.892	.893	.889	.858	.858
" 27, ...	.872	.863	.850	.843	.838	.857	.865	.883	.890	.898	.888	.858	.835	.817	.796	.781	.781	.791	.798	.822	.840	.832	.836	.819	.840
" 28, ...	.804	.794	.789	.781	.780	.781	.791	.808	.807	.808	.795	.775	.754	.729	.721	.724	.737	.762	.762	.763	.773	.775	.774	.771	.773
" 29, ...	.735	.730	.726	.730	.745	.755	.777	.795	.807	.804	.793	.776	.745	.722	.721	.711	.726	.734	.750	.772	.789	.792	.787	.779	.758
" 30, ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Hourly Means, } ...	29.668	29.656	29.650	29.644	29.650	29.658	29.674	29.689	29.698	29.702	29.695	29.679	29.656	29.636	29.624	29.620	29.622	29.632	29.644	29.662	29.680	29.686	29.682	29.676	29.662

TABLE II.
TEMPERATURE FOR THE MONTH OF SEPTEMBER, 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.	
Sept. 1,	77.6	77.7	79.2	78.6	78.4	78.8	79.6	80.3	82.0	83.8	85.1	85.8	86.9	86.8	86.5	84.7	84.3	82.7	81.7	80.8	80.2	79.7	79.0	78.0	81.6	80.9	77.6
" 2,	77.9	77.5	77.3	77.1	77.8	77.8	80.3	81.8	83.3	85.2	86.0	85.0	87.2	86.6	86.9	84.6	84.9	83.5	81.9	81.5	81.3	81.1	79.9	79.1	81.9	87.3	77.0
" 3,	79.3	79.4	78.6	78.5	78.2	78.5	80.7	82.7	83.7	85.8	86.4	84.9	84.8	86.1	85.9	81.1	81.6	80.9	80.5	80.8	81.1	80.5	80.8	80.1	81.7	83.4	78.2
" 4,	80.2	79.0	79.5	76.2	75.0	75.9	76.2	81.6	82.0	82.8	84.1	84.0	80.9	82.9	82.1	82.2	80.7	79.3	79.9	79.7	80.1	80.1	80.1	79.9	79.1	82.9	74.8
" 5,	79.8	79.7	79.6	79.6	79.8	79.6	80.9	82.8	84.0	85.3	86.1	86.4	87.3	86.2	86.9	85.2	82.4	81.5	81.5	81.2	81.4	81.6	81.4	80.7	81.6	87.1	79.3
" 6,	80.4	80.0	79.8	79.8	79.6	79.2	80.9	82.8	84.0	85.3	86.1	86.4	87.3	86.2	86.9	85.2	83.0	81.9	81.1	80.7	81.1	81.8	81.8	81.3	82.6	87.3	79.0
" 7,	81.0	81.1	81.0	81.5	82.0	83.1	84.0	85.0	85.3	85.6	84.9	83.3	83.6	82.9	82.9	83.3	83.0	82.9	83.1	82.9	83.3	83.2	82.0	81.4	83.1	86.7	80.8
" 8,	81.0	80.7	80.3	80.7	80.3	79.6	80.7	83.0	83.4	84.2	84.6	84.9	85.3	85.1	84.9	84.8	83.7	82.0	81.7	81.8	81.9	81.9	81.6	81.4	82.7	85.4	80.8
" 9,	80.9	80.9	81.0	81.1	81.2	81.3	81.7	82.9	85.1	87.3	86.1	85.2	84.9	86.1	86.1	86.3	85.2	83.4	82.5	81.6	81.7	80.6	80.6	81.3	82.7	85.4	80.8
" 10,	86.1	85.1	87.4	87.1	87.2	84.3	86.0	85.0	85.4	83.7	84.0	87.7	89.5	88.7	88.1	87.9	87.0	86.3	86.3	85.8	85.4	85.2	87.7	87.2	85.2	85.4	80.8
" 11,	78.7	79.0	79.6	80.1	80.6	80.6	79.8	78.9	78.4	78.9	80.0	80.3	80.9	81.9	81.1	81.1	80.4	80.8	80.5	79.7	78.9	78.2	77.1	78.3	82.7	85.2	80.8
" 12,	79.4	79.5	79.6	80.1	80.4	81.0	82.2	83.4	83.7	84.8	84.9	81.5	85.0	85.2	84.1	83.2	82.5	81.9	80.5	80.8	81.1	81.0	81.2	80.4	81.9	85.7	78.5
" 13,	80.5	80.2	80.0	80.7	79.3	79.5	79.3	80.3	81.0	82.0	83.0	83.1	83.8	84.9	85.1	83.7	83.2	82.2	82.1	81.0	80.3	80.2	80.0	77.9	81.9	85.4	78.2
" 14,	78.6	80.0	79.7	79.6	79.1	79.3	78.9	80.2	81.0	82.0	83.0	83.1	83.8	83.9	83.0	82.7	82.1	81.9	81.1	81.2	81.7	81.2	81.3	81.1	81.2	84.7	77.9
" 15,	81.0	80.9	79.2	79.7	80.0	80.5	81.0	81.9	82.8	83.8	84.9	83.4	83.8	84.9	85.4	85.4	83.6	82.6	82.0	81.3	81.6	80.8	80.7	80.5	81.7	84.7	77.3
" 16,	80.6	80.6	83.1	83.0	82.2	83.3	83.9	85.6	85.8	86.3	85.5	85.0	85.8	88.4	87.1	85.4	83.6	82.6	82.0	81.3	81.6	80.8	80.7	80.5	82.8	89.3	79.1
" 17,	80.9	81.6	81.5	81.2	81.1	80.8	81.4	81.7	82.3	82.9	83.3	83.0	83.2	82.8	82.9	81.8	81.9	81.2	80.8	80.7	80.9	80.2	78.9	80.4	80.8	86.5	73.5
" 18,	80.2	79.5	79.5	80.2	79.0	78.8	80.4	82.4	84.0	85.7	85.7	83.0	82.8	82.6	82.9	82.4	82.0	80.7	80.1	80.0	79.7	79.5	79.3	80.8	81.7	85.3	80.2
" 19,	80.0	79.0	79.3	79.2	78.8	79.6	80.4	82.4	84.0	85.7	84.9	83.9	83.8	82.8	82.9	82.4	82.0	80.7	80.1	80.0	79.7	79.5	79.3	79.6	80.8	83.1	78.9
" 20,	82.2	81.9	79.2	81.4	80.5	81.1	82.0	82.0	82.5	82.7	84.0	83.1	82.9	83.0	82.8	85.4	83.3	83.2	83.1	83.5	83.2	83.1	82.9	81.9	82.7	85.9	78.7
" 21,	80.0	80.4	80.5	80.0	80.4	80.5	81.2	81.8	83.1	84.2	84.4	84.0	83.0	83.1	82.6	81.7	82.4	81.6	81.6	81.8	81.4	81.2	80.4	80.3	81.8	84.6	79.2
" 22,	80.1	80.2	80.2	80.1	79.1	79.2	80.1	82.2	82.8	84.7	84.7	84.7	85.0	85.4	85.1	86.1	84.2	82.3	81.4	81.3	81.1	81.1	81.2	80.3	81.7	84.4	79.4
" 23,	79.6	79.8	80.0	80.3	80.5	81.1	81.9	82.6	84.0	85.2	86.7	85.7	85.9	87.4	86.8	87.5	86.9	85.4	84.9	84.8	84.3	85.0	84.5	83.1	83.9	87.6	79.0
" 24,	82.9	83.0	82.1	81.5	82.2	82.2	83.1	84.8	85.0	86.2	86.3	87.8	87.2	87.1	85.2	78.9	81.8	81.1	78.9	79.7	80.2	80.9	78.6	79.5	83.9	87.6	79.5
" 25,	80.0	79.8	80.3	80.9	81.0	81.0	81.8	81.8	82.1	83.3	82.9	82.6	83.4	83.4	86.8	87.5	86.9	85.4	84.9	84.8	84.3	85.0	84.5	83.1	83.9	87.6	79.0
" 26,	80.7	80.9	80.4	81.1	80.2	80.3	80.9	81.6	81.9	82.8	83.0	83.3	83.9	83.4	81.9	82.3	81.3	80.8	81.6	80.9	80.7	80.6	80.6	81.2	81.2	83.4	79.5
" 27,	78.9	78.8	78.9	79.0	78.0	77.9	78.7	80.7	82.0	83.8	83.7	84.2	84.8	85.5	85.1	85.2	84.1	82.1	81.4	80.2	80.1	79.0	79.0	81.1	81.1	83.9	79.0
" 28,	78.9	78.2	78.4	78.8	78.9	79.0	78.7	80.7	82.0	83.8	83.7	84.2	84.8	85.5	85.1	85.2	84.1	82.1	81.4	80.2	80.1	79.5	79.0	79.1	81.1	83.9	79.0
" 29,	78.9	78.2	78.4	78.8	78.9	79.0	78.7	80.7	82.0	83.8	83.7	84.2	84.8	85.5	85.1	85.2	84.1	82.1	81.4	80.2	80.1	79.5	79.0	79.1	81.1	83.9	79.0
" 30,	78.9	78.3	78.5	79.7	76.8	78.0	79.6	80.0	80.7	82.2	82.3	84.0	84.8	84.5	84.7	85.0	83.2	80.9	79.9	79.9	79.6	79.2	79.1	76.6	80.7	85.2	76.2
Hourly Means,	80.2	80.1	80.2	80.3	80.0	80.1	81.1	82.0	82.8	83.8	84.4	84.4	84.6	84.4	84.0	83.2	82.6	81.7	81.2	81.0	81.0	80.7	80.5	80.2	81.9	85.9	78.4

* Interpolated.

TABLE III.

TEMPERATURE OF EVAPORATION AND RADIATION, FOR THE MONTH OF SEPTEMBER, 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.	
Sept. 1	72.9	72.4	71.9	72.4	73.2	71.2	73.9	74.4	75.2	75.5	74.3	74.3	74.5	74.4	75.3	74.3	73.4	72.7	71.8	73.4	73.1	72.5	73.0	74.3	73.5	142.9	72.4	
" 2	74.7	74.8	74.1	74.5	73.9	74.4	74.6	74.5	74.6	75.2	75.3	76.3	77.5	78.0	77.5	76.2	76.5	76.3	76.6	76.1	76.5	77.3	77.3	77.6	77.4	75.8	141.9	72.1
" 3	76.6	76.8	76.5	74.0	76.1	75.3	74.0	74.4	74.6	75.6	76.2	75.5	76.4	76.6	76.8	77.3	76.9	76.6	76.0	76.4	76.2	76.4	76.1	76.2	75.3	76.0	149.8	76.8
" 4	74.9	74.7	74.7	75.1	73.2	74.4	74.3	74.5	74.7	73.8	74.1	76.6	76.5	76.6	76.5	76.2	76.6	76.4	76.4	76.4	75.7	76.1	75.8	76.1	75.8	75.5	138.6	77.0
" 5	76.1	75.6	75.3	74.6	74.5	73.8	74.3	74.7	74.4	73.8	74.1	75.1	76.0	75.6	76.4	77.0	76.4	75.7	75.6	75.7	76.1	76.4	76.3	76.2	75.4	75.5	140.1	75.3
" 6	76.3	76.1	75.7	75.3	75.0	75.0	75.5	75.2	74.7	75.6	75.2	74.8	76.2	76.7	76.9	77.4	77.4	76.9	76.9	76.6	77.3	77.5	78.0	78.1	76.3	76.3	145.2	76.6
" 7	78.6	78.1	77.8	77.5	76.8	75.4	75.4	76.1	75.4	76.8	77.2	77.5	77.8	77.5	77.1	77.1	76.4	76.4	76.6	77.8	77.7	77.1	77.2	77.0	76.9	76.9	139.7	77.4
" 8	76.9	76.9	76.7	76.4	76.4	76.0	76.2	76.1	76.3	75.9	76.3	76.4	76.5	76.8	76.6	77.2	77.4	77.5	77.8	77.7	77.7	77.8	77.4	77.0	76.8	76.8	142.8	79.4
" 9	76.6	76.7	76.7	76.6	76.6	76.5	77.3	77.7	77.6	77.9	78.9	79.0	79.4	79.1	79.2	79.2	79.3	79.4	78.1	78.6	78.8	78.8	78.8	78.9	77.7	78.1	146.2	77.1
" 10	77.6	77.6	77.5	78.7	77.9	78.2	77.7	77.7	77.2	77.3	78.2	77.6	79.2	80.1	78.7	78.6	78.6	78.3	78.5	78.5	77.8	78.4	78.8	77.8	77.2	78.1	158.6	76.3
" 11	76.6	75.9	75.2	74.8	75.0	75.2	74.5	74.6	74.8	75.7	75.9	77.1	76.2	76.8	76.5	76.5	76.8	76.4	76.5	76.8	76.7	76.7	76.2	76.2	75.5	75.9	100.2	76.3
" 12	76.2	76.2	75.7	75.6	75.8	75.5	75.1	75.4	75.7	75.9	77.2	77.5	77.1	77.5	76.8	76.5	76.2	75.7	75.8	75.8	76.3	76.0	75.2	74.5	75.0	76.0	*114.8	76.3
" 13	76.1	75.9	76.4	77.1	77.6	78.0	78.5	78.7	78.8	79.2	79.4	78.3	79.1	79.8	80.5	79.8	79.6	78.6	78.9	79.3	79.2	79.2	79.0	78.6	78.6	76.0	140.3	75.3
" 14	78.1	78.4	78.0	77.5	77.0	76.7	76.9	77.6	77.2	78.5	77.2	78.4	79.0	78.5	77.5	76.3	76.9	77.6	77.4	77.2	77.2	77.3	77.3	77.2	75.5	77.5	145.3	76.1
" 15	76.5	76.1	75.9	75.9	76.0	76.2	75.8	76.4	76.2	76.0	75.7	75.9	75.8	75.5	76.5	77.1	76.7	76.5	76.8	77.3	77.1	77.1	77.1	76.5	76.5	76.8	145.0	75.0
" 16	76.8	76.4	76.1	76.3	76.4	76.6	76.9	77.4	77.2	78.4	79.1	78.5	78.6	79.4	80.6	78.5	78.7	78.7	77.9	78.3	78.3	78.6	78.6	76.6	76.8	77.9	155.6	76.2
" 17	77.7	77.2	75.7	74.3	74.7	74.7	75.0	74.4	75.4	75.9	75.6	76.1	77.5	76.4	73.8	74.1	74.7	74.7	75.7	74.7	75.9	76.2	76.6	77.7	75.6	75.6	134.9	70.6
" 18	77.7	77.7	77.6	77.7	77.6	77.7	77.5	77.4	77.6	77.7	78.1	78.0	78.0	78.3	78.5	77.7	77.4	77.4	77.3	77.0	77.0	77.2	77.2	77.2	77.3	77.6	134.4	76.3
" 19	77.5	76.2	77.1	76.7	76.7	76.6	77.3	77.3	76.7	76.8	77.4	77.8	77.2	77.5	78.0	77.8	77.0	77.1	76.7	77.0	77.2	77.2	77.0	76.5	77.1	77.1	140.8	75.7
" 20	76.2	76.3	76.3	75.4	75.9	75.1	75.2	76.4	76.6	77.3	78.6	78.6	77.7	78.5	78.6	78.8	78.8	78.2	77.5	75.8	75.1	75.8	75.6	76.3	76.9	144.2	73.0	
" 21	76.3	76.8	74.8	76.1	75.8	75.7	76.5	76.5	77.4	77.4	76.9	76.6	77.0	77.1	77.7	78.2	78.2	77.0	77.1	77.1	77.0	76.8	76.9	76.8	76.7	129.8	75.7	76.1
" 22	77.0	76.8	77.2	76.9	76.8	76.9	77.4	77.2	77.6	77.5	77.8	78.7	78.1	78.0	78.2	78.2	78.2	77.7	78.0	78.1	77.6	77.8	78.0	77.7	77.6	150.1	76.1	76.1
" 23	77.6	77.5	77.2	76.7	76.7	76.6	77.2	77.5	78.0	78.4	77.6	77.3	78.4	77.6	77.8	78.7	78.8	77.8	77.8	76.8	77.3	77.7	76.8	77.5	77.5	145.5	74.6	74.6
" 24	77.6	77.8	77.3	77.6	77.2	77.7	77.6	77.6	77.5	78.0	81.4	80.6	80.4	81.1	81.1	81.4	81.2	80.3	79.5	79.9	79.7	79.3	80.0	80.3	79.4	141.1	75.7	75.7
" 25	80.2	80.1	79.5	79.0	79.0	75.8	76.0	75.9	75.7	77.1	76.2	76.9	75.2	75.7	75.8	74.3	75.3	75.9	73.3	75.3	75.8	75.5	76.2	75.9	76.5	146.7	74.2	74.2
" 26	75.6	75.1	75.3	76.0	76.2	76.1	75.9	77.1	77.6	76.3	76.5	76.0	76.1	77.6	76.0	75.9	76.4	76.7	76.9	76.8	77.0	77.2	77.4	76.9	76.8	125.5	74.8	74.8
" 27	76.9	76.8	76.5	76.4	75.9	76.1	75.9	75.9	76.6	76.3	76.5	77.0	76.7	77.6	76.5	76.7	76.4	75.6	75.9	75.9	75.9	75.2	74.8	75.5	76.1	141.4	75.5	75.5
" 28	75.5	76.1	75.9	76.0	75.7	75.7	74.9	76.4	75.7	76.6	77.0	77.6	76.7	76.5	76.7	77.2	76.7	76.7	76.4	75.8	76.7	76.2	76.3	75.8	76.2	144.2	75.2	75.2
" 29	76.5	76.5	76.6	76.9	76.9	77.0	77.4	76.9	77.6	75.8	78.3	77.6	78.1	78.1	77.4	76.8	76.8	76.6	74.4	75.4	74.3	75.2	75.1	75.0	76.5	148.9	75.0	75.0
" 30	74.6	74.5	75.3	75.5	72.9	73.3	73.5	74.2	72.6	72.8	72.8	73.4	73.5	73.5	74.0	73.2	73.1	74.4	74.8	75.2	75.6	75.2	74.8	73.7	74.0	144.8	73.9	73.9
Hourly Means	76.6	76.4	76.2	76.1	76.0	75.8	76.0	76.2	76.3	76.6	76.9	77.1	77.2	77.4	77.3	77.1	77.1	76.8	76.6	76.8	76.8	76.8	76.7	76.6	76.6	140.6	75.4	75.4

* Interpolated.

TABLE VI.
RAINFALL FOR THE MONTH OF SEPTEMBER, 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.
Sept. 1,	0.035	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.035
" 2,	0.210
" 3,	0.010	0.200	...	...	...	...	...	...	...	...	0.690
" 4,	0.020	0.010	0.015	0.180	0.030	0.255	0.035	0.005	0.110	0.035	...	0.010	...	...	...	...	...	...	...	...	0.005	...	...	...	0.020
" 5,	0.005	...	0.040	0.020	...	...	...	...	...	...	...	...	...	0.065
" 6,
" 7,
" 8,
" 9,
" 10,	0.025	0.035	0.060	0.025	0.075	0.095	0.105	0.130	0.140	0.140	0.055	0.885
" 11,	0.020	0.035	0.010	0.060	...	...	...	...	...	0.310	0.195	0.020	0.030	1.030	
" 12,	0.135	0.010	0.080	...	...	...	0.005	0.120	...	...	...	0.065	...	...	...	...	...	0.100	...	...	...	...	...	0.165	
" 13,	0.010	...	0.030	0.110	0.080	0.100	0.330
" 14,	0.045	0.175	0.075	0.005	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.310
" 15,	0.010	0.075	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.075
" 16,	0.010	...	...	...	...	...	...	...	...	0.035	0.110	0.785	0.490	1.390	0.960	0.525	0.140	0.115	0.550	0.420	0.095	5.855
" 17,	0.005	...	...	...	...	...	...	...	0.005	0.030	0.010	...	...	0.015	0.005	0.085	0.020	...	0.020	0.220
" 18,	0.015	0.010	...	...	0.025	...	...	...	0.030	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.180
" 19,	0.075	0.045	0.005	...	0.005	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.005
" 20,	0.020	0.120	0.020	...	...	...	0.025	...	...	...	...	...	...	0.100	0.020	...	0.015	...	...	...	...	...	...	0.320
" 21,	0.065	...	...	...	...	...	...	...	...	...	...	...	0.005	...	...	...	...	...	...	...	...	0.070
" 22,
" 23,
" 24,	0.085	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.170	...	0.235
" 25,	0.035	...	...	...	...	...	...	...	...	0.055	0.040	...	...	...	...	...	...	...	...	0.130
" 26,
" 27,
" 28,	0.005	...	...	...	0.020	...	0.025
" 29,	0.055	0.045	0.100
" 30,
Sums,.....	0.280	0.095	0.305	0.320	0.265	0.375	0.045	0.150	0.140	0.085	0.020	0.150	0.120	0.915	0.740	1.725	0.985	0.715	0.360	0.255	0.690	1.020	0.905	0.845	10.955

TABLE VIII.

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

Hour.	Components (miles per hour).						Direction.
	N	E	S	W	+N-S	+E-W	
1 a.	2.1	12.6	3.4	1.3	-1.3	+11.2	E 7° S
2 "	2.4	11.7	4.6	1.1	2.2	10.6	E 12° S
3 "	1.7	13.1	3.9	0.9	-2.2	12.2	E 10° S
4 "	3.1	13.3	2.8	1.0	+0.3	12.3	E 1° N
5 "	2.9	13.8	3.0	1.0	-0.1	12.8	E
6 "	3.8	12.6	3.1	1.1	+0.7	11.5	E 3° N
7 "	4.9	11.4	3.2	0.9	1.7	10.5	E 9° N
8 "	5.4	11.8	3.2	0.8	2.2	11.0	E 11° N
9 "	4.5	13.8	2.9	1.3	1.6	12.5	E 7° N
10 "	5.3	13.6	2.9	2.0	2.4	11.6	E 12° N
11 "	4.6	14.3	2.6	2.1	2.0	12.2	E 9° N
Noon.	3.1	15.1	2.5	1.9	+0.7	13.1	E 3° N
1 p.	2.1	15.3	3.3	1.9	-1.1	13.4	E 5° S
2 "	2.3	14.1	4.0	2.8	-1.7	11.3	E 9° S
3 "	2.6	14.2	1.8	2.9	+0.8	11.3	E 4° N
4 "	1.8	15.4	2.4	1.9	-0.6	13.5	E 3° S
5 "	1.4	15.6	2.3	1.9	0.9	13.7	E 4° S
6 "	1.3	14.4	3.0	2.1	1.7	12.4	E 8° S
7 "	2.0	13.6	2.3	1.5	0.3	12.1	E 1° S
8 "	1.7	13.5	4.2	1.8	2.5	11.7	E 12° S
9 "	0.6	14.2	3.1	1.8	2.5	12.4	E 11° S
10 "	1.3	14.4	2.9	2.4	1.6	12.1	E 8° S
11 "	1.9	14.2	3.2	2.2	1.3	12.0	E 6° S
Midt.	1.6	14.4	2.7	1.5	-1.1	+12.9	E 5° S
Mean,.....	2.7	13.8	3.1	1.7	-0.4	+12.1	E 2° S

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.												
Sept. 1,.....	0	NE	3	1	E	3	1	N	3	1
" 2,.....	0	NE	4	2	SW	3	1	NE	4	1
" 3,.....	1	NE	4	2	E	3	3	E	4	4
" 4,.....	3	E	5	3	E	5	3	E	6	4
" 5,.....	3	E	5	3	E	4	3	E	5	3
" 6,.....	3	E	4	3	ENE	3	2	ENE	4	3
" 7,.....	3	E	7	1	SE	7	1	E	7	1
" 8,.....	1	E	5	1	E	4	1	E	4	3
" 9,.....	3	ENE	3	2	SSW	4	1	SE	4	2
" 10,.....	1	NNE	3	1	NNE	4	2	NNW	5	1
" 11,.....	2	NNW	6	2	NNE	7	3	NNW	9	3
" 12,.....	4	S	5	2	SW	5	3	S	6	2
" 13,.....	2	S	5	2	S	4	2	S	5	2
" 14,.....	1	E	5	2	E	4	2	NE	5	3
" 15,.....	3	E	5	4	E	4	3	E	4	3
" 16,.....	2	NNE	4	1	SSE	3	1	NE	5	1
" 17,.....	4	NE	6	6	E	8	6	SE	10	6
" 18,.....	5	S	5	4	S	5	3	SE	5	3
" 19,.....	1	ESE	4	2	SE	4	1	SE	5	1
" 20,.....	1	NE	5	3	E	5	2	E	6	4
" 21,.....	5	E	7	5	ESE	7	5	ESE	6	5
" 22,.....	3	SE	4	3	SE	4	2	SE	4	2
" 23,.....	1	SE	4	1	SE	3	1	NW	4	1
" 24,.....	0	NW	4	0	NNW	5	0	NNW	6	1
" 25,.....	3	E	5	4	E	6	6	E	7	5
" 26,.....	5	ESE	6	5	ESE	6	3	ESE	6	2
" 27,.....	2	ESE	4	1	ESE	3	0	ESE	3	0
" 28,.....	0	ESE	3	0	E	2	0	S	2	0
" 29,.....	0	SE	3	0	SE	4	0	E	4	1
" 30,.....	4	NE	4	3	NE	3	1	NNE	3	2
.....
Mean,.....	2.2	E 3° N	4.6	2.3	E 18° S	4.4	2.1	E 1° S	5.0	2.3

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.	°	°	°	°	°	°	°
Sept. 1,.....	28.080	28.048	28.040	76.5	78.8	76.5	136.3	79.3	73.7	69.8
" 2,.....	.092	.044	.011	77.7	78.8	76.5	139.7	81.3	73.5	70.4
" 3,.....	.066	.013	.008	76.8	79.2	76.0	142.4	80.1	74.2	71.3
" 4,.....	.078	.014	.038	73.2	74.2	73.5	131.3	79.5	72.9	70.6
" 5,.....	.066	.024	27.999	74.7	76.4	74.0	135.5	76.6	71.5	71.0
" 6,.....	.062	.006	.990	75.2	80.2	74.8	137.8	81.5	73.9	72.4
" 7,.....	27.966	27.923	.975	76.8	74.8	74.5	127.1	77.3	74.5	72.0
" 8,.....	28.030	.991	.978	76.4	78.8	75.4	135.5	79.3	74.4	72.6
" 9,.....	27.970	.899	.856	77.5	79.4	76.4	145.8	80.3	73.2	73.4
" 10,.....	.793	.705	.713	77.7	79.6	78.4	148.1	80.5	74.7	73.0
" 11,.....	.639	.517	.509	76.7	75.0	73.8	97.4	79.5	73.7	71.6
" 12,.....	.627	.645	.741	72.8	72.8	72.4	108.4	77.1	72.0	71.4
" 13,.....	.920	.919	.934	75.2	76.9	74.8	140.5	79.1	72.4	72.5
" 14,.....	28.002	.958	.953	75.2	77.7	75.7	143.5	78.6	74.3	73.3
" 15,.....	.028	.973	28.005	73.9	76.7	74.2	134.7	78.3	73.8	71.0
" 16,.....	.025	.960	27.941	76.4	78.2	76.8	142.7	80.9	74.2	71.3
" 17,.....	27.847	.663	.854 *	76.2	72.2	*73.6	124.9	*76.8	*72.2	70.3
" 18,.....	28.007	.996	.995	73.7	74.8	73.8	117.2	75.3	73.3	71.3
" 19,.....	.057	.993	.988	74.3	76.2	74.9	142.8	77.6	72.2	71.8
" 20,.....	27.972	.887	.853	75.8	80.2	76.0	143.9	81.6	73.8	70.4
" 21,.....	.843	.843	.959	73.9	74.8	74.0	129.0	76.0	73.9	69.6
" 22,.....	28.116	28.113	28.141	73.8	75.7	74.8	130.0	77.3	73.7	70.8
" 23,.....	.173	.125	.098	75.9	78.8	76.7	145.6	80.1	74.7	71.6
" 24,.....	.036	27.900	27.911	75.8	80.0	75.8	136.5	80.3	74.7	74.3
" 25,.....	27.879	.773	.763	76.8	76.7	74.7	144.9	79.1	73.3	72.4
" 26,.....	.978	.982	28.041	74.5	74.5	73.7	125.1	78.2	71.3	69.4
" 27,.....	28.175	28.159	.166	74.8	77.2	75.1	140.7	78.6	73.2	71.6
" 28,.....	.186	.110	.092	76.7	78.8	77.2	142.8	80.3	74.2	69.6
" 29,.....	.120	.094	.067	77.0	76.8	75.0	142.4	79.6	74.6	70.6
" 30,.....	.095	.039	.031	74.7	78.5	75.4	139.5	79.3	73.2	69.8
.....
Mean,.....	27.998	27.944	27.955	75.6	77.1	75.1	135.1	79.0	73.5	71.4

* Interpolated.

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.
Sept. 1,.....	66	59	69	82	82	82	0.772	0.709	0.703	0.753	0.805	0.753
" 2,.....	61	66	84	82	83	86	.741	.791	.887	.783	.809	.789
" 3,.....	61	84	80	85	85	90	.750	.887	.842	.789	.850	.808
" 4,.....	89	75	81	93	93	98	.805	.824	.835	.756	.782	.807
" 5,.....	65	77	78	91	84	90	.731	.854	.841	.776	.770	.761
" 6,.....	62	69	84	95	81	94	.757	.836	.909	.830	.838	.814
" 7,.....	65	74	75	81	94	88	.804	.848	.850	.750	.810	.755
" 8,.....	67	70	81	89	83	93	.784	.833	.880	.811	.809	.823
" 9,.....	75	72	92	91	88	86	.874	.903	.961	.863	.882	.790
" 10,.....	62	65	73	81	80	82	.803	.854	.881	.775	.804	.802
" 11,.....	68	82	89	86	93	93	.783	.861	.888	.791	.812	.775
" 12,.....	87	80	86	97	99	98	.855	.852	.835	.780	.796	.774
" 13,.....	77	85	92	98	94	98	.923	.973	.975	.855	.871	.843
" 14,.....	75	69	87	98	88	91	.892	.808	.900	.859	.836	.812
" 15,.....	75	77	83	94	90	95	.818	.857	.877	.786	.828	.806
" 16,.....	77	72	90	94	92	92	.900	.883	.950	.860	.893	.847
" 17,.....	60	100	100	82	93	94	.756	.835	.905	.741	.730	.782
" 18,.....	78	83	87	99	99	98	.881	.895	.895	.821	.852	.815
" 19,.....	85	81	90	96	92	94	.875	.892	.904	.817	.834	.813
" 20,.....	66	74	70	94	82	95	.825	.896	.794	.839	.842	.857
" 21,.....	78	81	81	98	99	95	.870	.874	.863	.818	.852	.801
" 22,.....	73	82	86	94	94	98	.854	.908	.910	.787	.840	.843
" 23,.....	74	70	90	95	88	86	.888	.883	.919	.850	.868	.795
" 24,.....	79	76	77	95	93	95	.960	.991	.925	.851	.962	.851
" 25,.....	65	80	76	86	85	85	.809	.787	.811	.802	.787	.733
" 26,.....	75	83	85	93	93	98	.862	.872	.890	.790	.794	.817
" 27,.....	73	73	83	94	85	88	.820	.810	.824	.814	.801	.771
" 28,.....	71	68	86	94	87	89	.820	.827	.861	.869	.855	.825
" 29,.....	65	85	86	93	93	95	.774	.876	.833	.870	.855	.828
" 30,.....	61	55	82	86	73	83	.681	.659	.822	.737	.717	.728
.....
Mean,	71	76	83	91	89	92	0.822	0.853	0.872	0.807	0.826	0.801

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.												
Sept. 1,	4	<u>c-str.</u> <u>sm-cum.</u> <u>cum-str.</u>	<u>....</u> <u>SSE</u> <u>ESE</u>	8	<u>c-str.</u> <u>cum.</u>	E	6	<u>c-str.</u> <u>sm-cum.</u>	<u>S</u> <u>....</u>	7	<u>c-str.</u> <u>cum.</u> <u>c-str.</u> <u>cum.</u>	<u>S</u> <u>NE</u> <u>....</u>
" 2,	1	cum.	...	0	...	...	0	...	...	1	cum.	...
" 3,	2	cum.	NE	4	cum.	...	0	...	...	7	cum.	NE
" 4,	10	<u>c-cum.</u> <u>cum-nim.</u>	NE	10	<u>c-str.</u> <u>cum-nim.</u>	E	10	<u>c-str.</u> <u>nim.</u> <u>c-cum.</u>	ENE	10	<u>str.</u> <u>nim.</u> <u>c-str.</u> <u>c-cum.</u>	<u>E</u> <u>....</u> <u>WSW</u> <u>ENE</u> <u>E</u>
" 5,	10	R-cum.	ENE	9	cum.	E	7	<u>c-cum.</u> <u>cum.</u> <u>c-cum.</u>	<u>NE</u> <u>ENE</u>	3	<u>c-str.</u> <u>c-cum.</u> <u>cum.</u> <u>c-str.</u> <u>cum.</u>	<u>WSW</u> <u>ENE</u> <u>E</u> <u>ENE</u>
" 6,	6	<u>c-cum.</u> <u>cum.</u> <u>sm-cum.</u>	E	5	<u>c-str.</u> <u>cum.</u> <u>c-str.</u> <u>cum.</u>	E	1	<u>c-cum.</u> <u>cum.</u> <u>c-str.</u> <u>cum.</u>	E	4	<u>c-str.</u> <u>cum.</u>	ENE
" 7,	10	<u>c-cum.</u> <u>cum.</u> <u>c-str.</u> <u>cum.</u>	E	8	<u>c-str.</u> <u>cum.</u> <u>c-str.</u> <u>cum.</u>	E	7	<u>c-str.</u> <u>cum.</u> <u>c-str.</u> <u>cum.</u>	<u>S</u> <u>E</u>	10	R-cum.	E
" 8,	7	<u>c-str.</u> <u>cum.</u>	ENE	6	<u>c-str.</u> <u>cum.</u>	ENE	5	<u>c-str.</u> <u>cum.</u>	ENE	1	<u>c-str.</u> <u>cum.</u>	E
" 9,	5	cum.	E	7	cum.	E	0	...	...	3	cum.	NE
" 10,	9	sm-cum.	NE	5	sm-cum.	...	9	c-str.	S	10	c-str.	ENE
" 11,	10	R-cum.	NNE	10	R-cum.	NNE	10	str.	N	10	nim.	NNE
" 12,	10	nim.	W	10	nim.	SW	10	R-cum.	SSW	10	<u>str.</u> <u>cum-nim.</u> <u>c-str.</u>	<u>S</u> <u>ENE</u> <u>S</u> <u>ENE</u> <u>ENE</u> <u>E</u>
" 13,	10	nim.	...	10	nim.	SSW	7	<u>c-cum.</u> <u>cum.</u> <u>c-str.</u> <u>cum.</u>	<u>SSE</u> <u>SSW</u> <u>ENE</u> <u>NE</u>	9	<u>cum.</u> <u>c-str.</u> <u>cum.</u> <u>sm-cum.</u> <u>R-cum.</u> <u>c-str.</u> <u>cum.</u> <u>sm-cum.</u> <u>R-cum.</u>	<u>S</u> <u>ENE</u> <u>ENE</u> <u>E</u> <u>E</u> <u>N</u> <u>E</u> <u>ENE</u>
" 14,	7	<u>c-str.</u> <u>cum.</u>	ESE	3	<u>c-str.</u> <u>cum.</u>	E	9	<u>c-str.</u> <u>cum.</u>	NE	9	<u>cum.</u> <u>sm-cum.</u> <u>R-cum.</u> <u>c-str.</u> <u>cum.</u> <u>sm-cum.</u> <u>R-cum.</u>	<u>ENE</u> <u>S</u> <u>ENE</u> <u>ENE</u> <u>E</u> <u>E</u> <u>ENE</u>
" 15,	10	nim.	E	10	nim.	E	9	R-cum.	E	8	<u>sm-cum.</u> <u>R-cum.</u> <u>c-str.</u> <u>cum.</u> <u>sm-cum.</u> <u>R-cum.</u>	<u>E</u> <u>E</u> <u>E</u> <u>N</u> <u>E</u> <u>ENE</u>
" 16,	9	cum.	E	10	cum.	ENE	8	R-cum.	NE	3	<u>c-str.</u> <u>cum.</u> <u>sm-cum.</u> <u>R-cum.</u>	<u>E</u> <u>E</u> <u>ENE</u>
" 17,	9	R-cum.	NE	10	nim.	NNE	9	<u>c-cum.</u> <u>cum.</u>	<u>NE</u> <u>NE</u>	9	<u>sm-cum.</u> <u>R-cum.</u>	<u>E</u> <u>ENE</u>
" 18,	10	nim.	ESE	10	R-cum.	SE	10	R-cum.	SSE	10	R-cum.	SSE
" 19,	10	nim.	SE	9	cum-nim.	SE	8	nim.	SE	7	nim.	SE
" 20,	0	...	...	0	...	...	0	...	...	3	<u>sm-cum.</u> <u>cum.</u>	<u>ENE</u> <u>NE</u>
" 21,	8	R-cum.	ENE	9	<u>c-str.</u> <u>R-cum.</u>	E	10	<u>c-cum.</u> <u>R-cum.</u> <u>sm-cum.</u> <u>cum.</u> <u>c-cum.</u> <u>cum.</u> <u>c-str.</u> <u>sm-cum.</u> <u>cum.</u> <u>R-cum.</u>	<u>E</u> <u>E</u> <u>SSE</u> <u>SE</u> <u>E</u> <u>E</u> <u>NE</u> <u>ENE</u>	10	R-cum.	E
" 22,	8	cum.	SE	10	nim.	SE	8	<u>cum.</u> <u>c-cum.</u> <u>cum.</u> <u>c-str.</u> <u>cum.</u> <u>c-str.</u> <u>sm-cum.</u> <u>cum.</u> <u>R-cum.</u>	<u>SE</u> <u>E</u> <u>E</u> <u>NE</u> <u>....</u> <u>NE</u> <u>ENE</u>	9	<u>str-cum.</u> <u>cum.</u> <u>cum.</u> <u>c-cum.</u> <u>cum.</u> <u>c-str.</u> <u>cum.</u> <u>sm-cum.</u> <u>R-cum.</u>	<u>SE</u> <u>SE</u> <u>SSE</u> <u>SE</u> <u>E</u> <u>ENE</u> <u>SE</u> <u>SE</u> <u>ENE</u> <u>E</u>
" 23,	8	cum.	E	1	cum.	ESE	4	<u>c-cum.</u> <u>cum.</u> <u>c-str.</u> <u>cum.</u> <u>c-str.</u> <u>sm-cum.</u> <u>cum.</u> <u>R-cum.</u>	<u>E</u> <u>E</u> <u>E</u> <u>NE</u> <u>....</u> <u>NE</u> <u>ENE</u>	3	cum.	SSE
" 24,	0	...	...	0	...	...	6	<u>c-str.</u> <u>cum.</u> <u>c-str.</u> <u>cum.</u> <u>c-str.</u> <u>sm-cum.</u> <u>cum.</u> <u>R-cum.</u>	<u>E</u> <u>NE</u> <u>....</u> <u>NE</u> <u>ENE</u>	8	<u>c-str.</u> <u>cum.</u> <u>c-str.</u> <u>cum.</u> <u>sm-cum.</u> <u>R-cum.</u>	<u>E</u> <u>....</u> <u>ENE</u> <u>SE</u> <u>SE</u> <u>ENE</u> <u>E</u>
" 25,	8	cum.	NE	10	nim.	ENE	7	<u>c-str.</u> <u>sm-cum.</u> <u>cum.</u> <u>c-str.</u> <u>sm-cum.</u> <u>cum.</u> <u>R-cum.</u>	<u>NE</u> <u>ENE</u>	7	<u>c-cum.</u> <u>cum.</u> <u>c-str.</u> <u>cum.</u> <u>sm-cum.</u> <u>R-cum.</u>	<u>SE</u> <u>SE</u> <u>ENE</u> <u>SE</u> <u>ENE</u> <u>E</u>
" 26,	9	R-cum.	ESE	10	nim.	ESE	10	<u>c-str.</u> <u>sm-cum.</u> <u>c-cum.</u> <u>cum.</u>	ESE	9	<u>c-cum.</u> <u>R-cum.</u>	<u>SE</u> <u>SE</u>
" 27,	9	cum.	ESE	10	cum.	ESE	6	cum.	ESE	4	cum.	ESE
" 28,	0	...	...	0	...	...	1	sm-cum.	E	7	<u>sm-cum.</u> <u>cum-str.</u> <u>c-str.</u> <u>cum.</u>	<u>ENE</u> <u>E</u> <u>NE</u>
" 29,	1	c-cum.	NE	0	...	...	7	<u>c-str.</u> <u>sm-cum.</u> <u>c-cum.</u> <u>cum.</u>	<u>S</u> <u>NE</u>	7	<u>c-str.</u> <u>cum.</u>	NE
" 30,	4	<u>c-cum.</u> <u>cum-str.</u>	<u>ENE</u> <u>....</u>	10	<u>c-cum.</u> <u>cum.</u>	ENE	8	<u>c-cum.</u> <u>cum.</u>	NE	3	c-cum.	SW
.....
Mean,.....	6.8	...	...	6.8	...	...	6.4	...	...	6.7	...	...

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.													
Sept. 1,.....	3	c-str. cum.	S ENE	1	cum.	...	1	cum.	...	1	cum.	...	3.9
" 2,.....	2	cum.	SE	5	cum.	NNW	1	cum.	NNE	1	cum.	NE	1.4
" 3,.....	8	c-str. cum.	NE	9	cum-nim.	NNE	10	cum.	NE	3	cum.	NE	5.4
" 4,.....	10	c-cum. R-cum.	E	7	sm-cum. cum.	WNW E	5	cum.	E	10	R-cum.	E	9.0
" 5,.....	5	c-str. c-cum. cum.	WSW ENE E	9	c-str. cum.	WSW E	9	c-str. cum.	E	10	c-str. cum.	E	7.8
" 6,.....	5	c-str.	ENE	8	c-str.	SW	3	c-str.	E	10	c-str.	E	5.2
" 7,.....	10	c-str. cum-nim. c-cum.	E	10	c-str. R-cum.	ENE ENE	5	c-str. cum.	ENE	6	c-str. cum.	ENE	8.3
" 8,.....	1	c-cum. cum.	E	0	...	...	2	cum.	E	9	cum.	E	3.9
" 9,.....	9	cum-str.	NE	3	cum.	NNE SW	0	...	...	0	...	...	3.4
" 10,.....	10	c-str. sm-cum.	NE	10	str-cum.	NE	10	str-cum.	ENE	4	c-str. str-cum.	E	8.4
" 11,.....	10	str. nim.	N	10	str. nim.	NNW	10	str. nim.	NW	10	nim.	NW	10.0
" 12,.....	10	str. nim.	SSW	10	c-str. R-cum.	NE SSW	10	sm-cum. cum.	SSW SSW	10	str. nim.	SSW	10.0
" 13,.....	10	sm-cum. cum.	SSW	6	cum.	SSW	9	cum-nim.	SSE	1	cum.	SE	7.7
" 14,.....	10	c-str. cum.	ENE E	10	c-str. cum.	NE ...	10	R-cum.	ENE	4	cum-nim.	ENE	7.8
" 15,.....	6	c-str. sm-cum. cum.	...	5	c-cum. cum.	E	2	cum.	E	7	cum.	E	7.1
" 16,.....	4	c-str. cum.	NNE	10	c-str. cum. cum-nim.	...	10	cum-str.	NE	4	str-cum.	NE	7.2
" 17,.....	10	nim.	E	10	nim.	ESE	10	nim.	ESE	10	nim.	SE	9.6
" 18,.....	10	c-str. R-cum.	SSE	10	c-str. R-cum.	SSE	10	nim.	SE	3	nim.	SE	9.1
" 19,.....	6	cum.	SE	1	cum.	SSE	0	...	...	0	...	...	5.1
" 20,.....	1	cum.	NE	3	cum.	NE	1	cum-str.	NE	4	R-cum.	ENE	1.5
" 21,.....	10	nim.	E	9	c-cum. R-cum.	SE ESE	10	R-cum.	ESE	7	cum.	ESE	9.1
" 22,.....	6	sm-cum. cum.	SE	9	cum. nim.	SE	1	cum.	ESE	5	cum.	E	7.0
" 23,.....	2	cum.	SE	1	cum.	ESE	0	...	...	0	...	...	2.4
" 24,.....	10	c-str.	ENE	9	c-str.	ENE	3	c.	E	10	c-str. cum-str. cum.	...	5.7
" 25,.....	7	c-str. sm-cum. cum.	ESE E ENE	7	c-str. sm-cum. nim.	...	10	c-str. R-cum.	ENE	10	str. R-cum.	E	8.3
" 26,.....	10	cum. cum-nim.	ESE	10	cum. R-cum.	SE	10	R-cum.	SE	8	R-cum.	SE	9.5
" 27,.....	7	c-str. cum.	ENE ESE	1	c-str. cum.	ENE ...	0	...	...	1	cum.	E	4.7
" 28,.....	6	cum.	ENE	3	c-str. cum-str.	E NNE	1	cum-str.	...	0	...	...	2.3
" 29,.....	4	c-cum. cum.	NE	9	cum-str. cum.	NNE ESE	10	cum-str.	NE	4	c-cum. cum-str.	E NE	5.2
" 30,.....	5	c-cum. cum.	WSW NE	4	c-str. cum.	SW NNE	3	c-cum. cum.	W NE	5	R-cum.	ENE	5.3
.....
Mean,.....	6.9	...	...	6.6	...	...	5.5	...	...	5.2	...	...	6.4

TABLE XIII.
RAINFALL AT DIFFERENT STATIONS.

DATE.	OBSERVATORY.		STONE CUTTERS' ISLAND.	VICTORIA PEAK.
	Amount.	Duration.	Amount.	Amount.
1887.	ins.	hrs.	ins.	ins.
Sept. 1,.....	...	...	...	...
" 2,.....	...	...	...	...
" 3,.....	0.885	6	0.31	0.71
" 4,.....	0.035	2	0.13	0.19
" 5,.....	...	...	...	...
" 6,.....	...	...	...	...
" 7,.....	0.065	1	0.05	...
" 8,.....	...	...	...	...
" 9,.....	...	...	...	...
" 10,.....	...	1	...	...
" 11,.....	1.235	15	1.20	1.71
" 12,.....	0.680	6	0.90	1.51
" 13,.....	0.165	1	...	...
" 14,.....	0.640	7	0.63	0.44
" 15,.....	0.075	1	...	...
" 16,.....	0.010	1	...	0.10
" 17,.....	5.875	14	6.36	1.72
" 18,.....	0.370	6	0.35	...
" 19,.....	0.005	...	...	...
" 20,.....	0.185	3	0.27	...
" 21,.....	0.200	2	0.16	0.40
" 22,.....	0.005	1	...	...
" 23,.....	...	...	...	...
" 24,.....	0.035	1	0.27	...
" 25,.....	0.235	4	0.21	0.22
" 26,.....	0.095	2	0.09	...
" 27,.....	...	...	...	...
" 28,.....	...	...	...	...
" 29,.....	0.025	1	0.38	0.10
" 30,.....	0.265	1	...	0.24
.....
Total,.....	11.085	76	11.31	7.34

A great number of typhoons were experienced in the neighbourhood of the Colony in the course of the month. They were generally preceded by thunderstorms, which occasionally occur all round the centre beyond the area where the wind is strong. Nearer the centre but before the wind began to rise, the clouds assumed the form of Roll-cumulus which prevails till full typhoon force is reached. The mean height of the mercurial column during this month was below the average of previous Septembers, but not very much, as the high pressure area all round the typhoon counter-effects the low pressure near the centre. The solar radiation was both with regard to intensity and to duration below the average. The true air-temperature, the tension of water-vapour and the rain-fall were above the average. The mean force of the wind was much above the average as the surrounding calm ring is not sufficient to counteract the strength of the wind nearer the centre. The early morning hours on the 11th furnish a striking instance of the hot, dry and close weather, that precedes a typhoon.

W. DOBERCK,
Government Astronomer.

Hongkong Observatory, 24th October, 1887.