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Results of Meteorological Observations taken during the year 1886, at the Royal Alfred Observatory, Mauritius, Latitude 20° 5′ 39″ S. Longitude 3 hrs. 50 m. 12 s. 6 E.

The Observatory is about 3 miles from the west coast and stands on a plain which is 179 feet above the sea-level. From W. S. W., through West, to North, there is an uninterrupted view of the sea; and from North, through East, to S. E., the ground generally slopes from the Piton, the summit of which bears about four miles E. b. S. and is 917 feet above the sea-level. Between S. E. and S. W., there is a chain of mountains, the highest peak of which, the Pieterboth, bears nearly six miles due South, and has an altitude of 2,874 feet above the sea. The nearest extremities of two spurs, which run N. and N. W. from the Pieterboth, are at distances of three to four miles, and have an elevation of about 560 feet.

The island is of volcanic origin, and the rocks are more or less magnetic. Around the Observatory the soil has a depth of 3 to 14 feet, below which is solid basalt.

The Standard barometer (Hicks, No. 687) has an index error (including capillary action) of —.004 inch, and the cistern is 180·86 feet above the sea-level.

The thermometers, which are by Casella, and Negretti and Zambra, have been verified. They have southern exposures, and are from 5 to 6 feet above the ground.

Continuous records of the temperature and pressure of the air are obtained by photography.

The direction and velocity of the wind are recorded by a self-registering Kew anemometer by Casella, the cups of which are 51·2 feet above the surface of the ground.

The mouth of the rainguage (Glaisher's) is 8 inches in diameter, and 10 inches above the surface of the ground.

During the year, five eye-observations of the principal elements have been taken daily, viz :—at 6, 9, 13, 15, and 15.50 hours, the day commencing at midnight and the hours being counted from 1 to 24.

The minimum thermometers have been read daily at 9 and the maximum at 15 hours.

Daily readings have been taken of maximum and minimum thermometers exposed in screens, of solar and terrestrial radiation thermometers, and of a thermometer the bulb of which is 5 feet below the surface of the ground. Since the 1st of November observations have also been taken of a thermometer the bulb of which is 10 feet below the surface of the ground.

RESULTS OF OBSERVATIONS.

Table I has been derived from hourly values of the ordinates of the Barograph curves, these values having been obtained by measurement and then converted into absolute values. Tables of the hourly readings for each day have been prepared, but their insertion here would occupy too much space.

Table II gives the daily and monthly means of the atmospheric pressure, derived from the hourly values. The observations are corrected for capillarity, temperature, and index error, but not reduced to sea-level.

The other tables require no explanation.

TABLE I

HOURLY AND MONTHLY MEANS OF THE ATMOSPHERIC PRESSURE DURING THE YEAR 1886.

Hours.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Hourly Means.	Variation + above − below Mean.	Hours.
	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	
1	29.787	29.754	29.762	29.749	29.935	29.998	29.976	29.989	30.019	29.991	29.940	29.842	29.895	+ .007	1
2	29.774	29.737	29.747	29.736	29.924	29.988	29.965	29.978	30.009	29.977	29.927	29.832	29.883	− .005	2
3	29.767	29.730	29.739	29.727	29.915	29.981	29.958	29.970	30.000	29.970	29.923	29.828	29.876	− .012	3
4	29.764	29.727	29.734	29.722	29.910	29.976	29.952	29.965	29.997	29.970	29.924	29.824	29.872	− .016	4
5	29.769	29.730	29.741	29.725	29.910	29.976	29.951	29.966	30.001	29.977	29.929	29.829	29.875	− .013	5
6	29.784	29.741	29.750	29.736	29.921	29.984	29.960	29.977	30.013	29.989	29.943	29.843	29.887	− .001	6
7	29.795	29.755	29.763	29.753	29.935	29.997	29.972	29.991	30.027	30.002	29.953	29.854	29.900	+ .012	7
8	29.804	29.768	29.778	29.766	29.951	30.011	29.987	30.005	30.037	30.008	29.958	29.856	29.911	+ .023	8
9	29.805	29.772	29.784	29.777	29.962	30.023	29.999	30.015	30.043	30.011	29.961	29.859	29.918	+ .030	9
10	29.803	29.771	29.782	29.777	29.960	30.019	29.999	30.014	30.039	30.005	29.954	29.854	29.915	+ .027	10
11	29.797	29.764	29.775	29.766	29.946	30.007	29.987	30.002	30.026	29.994	29.944	29.850	29.905	+ .017	11
12	29.784	29.753	29.759	29.747	29.924	29.986	29.966	29.980	30.005	29.977	29.930	29.834	29.887	− .001	12
13	29.773	29.738	29.742	29.729	29.904	29.964	29.946	29.961	29.988	29.958	29.915	29.822	29.870	− .018	13
14	29.759	29,722	29.726	29.714	29.891	29.953	29.933	29.944	29.971	29.944	29.899	29.811	29.856	− .032	14
15	29.749	29.714	29.718	29.712	29.888	29.951	29.928	29.937	29.962	29.937	29.890	29.803	29.849	− .039	15
16	29.743	29.710	29.719	29.715	29.892	29.955	29.933	29.941	29.966	29.938	29.889	29.801	29.850	− .038	16
17	29.748	29,716	29.727	29.723	29.901	29.963	29.941	29.951	29.975	29.948	29.900	29.809	29.858	− .030	17
18	29.761	29.729	29.740	29.736	29.913	29.973	29.947	29.962	29.991	29.965	29.917	29.825	29.872	− .016	18
19	29.778	29.749	29.758	29.749	29.928	29.986	29.965	29.977	30.010	29.983	29.934	29.844	29.888	.000	19
20	29.792	29.765	29.772	29.765	29.942	30.000	29.978	29.989	30.027	30.000	29.953	29.858	29.903	+ .015	20
21	29.804	29.777	29.786	29.776	29.949	30.009	29.987	30.000	30.039	30.011	29.961	29.867	29.914	+ .026	21
22	29.812	29.784	29.788	29.776	29.951	30.011	29.989	30.002	30.042	30.014	29.968	29.876	29.918	+ .030	22
23	29.810	29.783	29.782	29.772	29.947	30.010	29.987	29.997	30.040	30.010	29.964	29.872	29.914	+ .026	23
24	29.798	29.771	29.773	29.763	29.940	30.005	29.983	29.995	30.033	29.999	29.950	29.857	29.906	+ .018	24
Monthly Means ...	29.782	29.748	29.756	29.746	29.927	29.989	29.966	29.979	30.011	29.982	29.934	29.840	29.888		Monthly Means.
Monthly Means reduced to sea-level.	29.970	29.935	29.944	29.934	30.118	30.181	30.159	30.172	30.203	30.174	30.125	30.029	30.079		Monthly Means reduced to sea-level.

TABLE II

DAILY AND MONTHLY MEANS OF THE ATMOSPHERIC PRESSURE DURING THE YEAR 1886.

Days of Months.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Means.	Days of Months.
	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	
1st	29.819	29.656	29.773	29.755	29.880	29.808	29.914	29.968	29.917	30.010	29.919	29.832	29.852	1st
2nd	29.861	29.683	29.727	29.765	29.868	29.865	29.930	29.978	29.896	29.986	29.885	29.834	29.856	2nd
3rd	29.857	29.705	29.748	29.762	29.880	29.974	29.979	30.042	29.916	29.958	29.863	29.823	29.876	3rd
4th	29.889	29.713	29.793	29.759	29.875	30.018	30.014	30.090	29.958	29.976	29.857	29.815	29.896	4th
5th	29.915	29.722	29.818	29.740	29.848	29.984	30.014	30.025	29.985	30.007	29.892	29.828	29.898	5th
6th	29.905	29.711	29.836	29.710	29.848	29.968	30.011	29.970	30.009	30.043	29.961	29.866	29.903	6th
7th	29.868	29.698	29.838	29.670	29.921	29.986	29.987	29.973	29.995	30.051	30.042	29.889	29.910	7th
8th	29.882	29.739	29.810	29.607	29.946	29.967	29.951	29.986	29.977	30.057	30.044	29.896	29.905	8th
9th	29.883	29.774	29.793	29.601	29.968	29.947	29.952	29.972	29.995	30.053	29.973	29.880	29.899	9th
10th	29.860	29.703	29.751	29.591	29.988	29.987	29.946	29.954	30.015	30.067	29.944	29.864	29.889	10th
11th	29.844	29.662	29.686	29.574	30.025	30.020	29.934	29.954	30.055	30.066	29.953	29.836	29.884	11th
12th	29.855	29.698	29.668	29.627	30.029	30.042	29.968	29.986	30.095	30.063	29.968	29.798	29.900	12th
13th	29.856	29.729	29.723	29.595	30.014	30.012	29.957	29.998	30.087	30.044	29.996	29.802	29.901	13th
14th	29.844	29.745	29.794	29.573	29.933	29.990	29.940	29.989	30.068	30.031	30.028	29.896	29.903	14th
15th	29.835	29.716	29.804	29.569	29.874	29.984	29.917	29.972	30.075	30.029	30.033	29.932	29.895	15th
16th	29.799	29.640	29.792	29.560	29.872	30.020	29.911	29.966	30.060	30.004	30.032	29.900	29.880	16th
17th	29.785	29.661	29.822	29.583	29.885	30.026	29.892	30.026	30.060	29.973	30.017	29.872	29.883	17th
18th	29.788	29.754	29.794	29.657	29.900	29.998	29.869	30.050	30.051	29.963	29.990	29.877	29.891	18th
19th	29.724	29.801	29.786	29.802	29.904	29.994	29.886	29.968	30.035	29.971	29.954	29.872	29.891	19th
20th	29.698	29.842	29.758	29.903	29.929	30.003	29.976	29.861	30.030	30.002	29.945	29.865	29.901	20th
21st	29.675	29.840	29.717	29.885	29.944	30.035	30.096	29.833	30.026	29.964	29.949	29.866	29.902	21st
22nd	29.676	29.825	29.683	29.878	29.948	30.026	30.125	29.889	30.032	29.886	29.931	29.880	29.898	22nd
23rd	29.679	29.819	29.686	29.916	29.957	30.013	30.032	29.990	30.022	29.892	29.911	29.844	29.897	23rd
24th	29.667	29.832	29.702	29.930	29.962	30.005	29.997	30.055	30.018	29.967	29.882	29.798	29.901	24th
25th	29.654	29.819	29.711	29.910	29.944	30.010	30.010	30.033	30.013	29.931	29.858	29.767	29.888	25th
26th	29.650	29.835	29.691	29.888	29.951	30.009	30.008	29.963	29.988	29.838	29.856	29.744	29.868	26th
27th	29.657	29.825	29.703	29.875	29.957	30.008	29.969	29.979	29.993	29.841	29.860	29.766	29.869	27th
28th	29.701	29.804	29.726	29.909	29.966	30.032	29.903	29.997	29.986	29.919	29.846	29.767	29.880	28th
29th	29.743	.....	29.763	29.897	29.963	29.991	29.894	29.986	29.979	29.975	29.823	29.788	29.891	29th
30th	29.706	.....	29.774	29.897	29.910	29.932	29.963	29.975	29.988	29.966	29.823	29.810	29.886	30th
31st	29.655	.....	29.761	.....	29.839	.....	30.006	29.938	.....	29.921	.....	29.818	29.848	31st
Means	29.782	29.748	29.756	29.746	29.927	29.989	29.966	29.979	30.011	29.982	29.934	29.840	29.888	Means.

TABLE III

MONTHLY AND DAILY RANGES OF THE ATMOSPHERIC PRESSURE DURING 1886.

Months.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Mean for year.
	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.
Highest Reading (Red. to sea-level).....	30.128	30.074	30.062	30.158	30.270	30.274	30.362	30.324	30.323	30.301	30.301	30.100	30.228
Lowest " " "	29.789	29.767	29.814	29.715	29.979	29.953	30.024	29.975	30.036	29.960	29.958	29.835	29.905
Range in month	0.339	0.307	0.248	0.443	0.291	0.321	0.338	0.349	0.287	0.341	0.343	0.265	0.323
Mean Range from 4 to 9 hours	0.041	0.045	0.050	0.055	0.052	0.047	0.047	0.050	0.046	0.041	0.037	0.035	0.045
" " 9 to 15 "	0.056	0.058	0.066	0.065	0.074	0.072	0.071	0.078	0.081	0.074	0.071	0.056	0.068
" " 15 to 22 "	0.063	0.070	0.070	0.064	0.063	0.060	0.061	0.065	0.080	0.077	0.078	0.073	0.069
" " 22 to 4 "	0.048	0.057	0.054	0.054	0.041	0.035	0.037	0.037	0.045	0.044	0.044	0.052	0.046
Mean Diurnal Range	0.052	0.057	0.060	0.059	0.057	0.053	0.051	0.057	0.063	0.059	0.057	0.054	0.057

TABLE IV

COMPARISON OF THE MEANS OF THE STANDARD BAROMETER READINGS WITH THE MEANS OF THE BAROGRAPH READINGS FOR 9 AND 15 HOURS DURING THE YEAR 1886.

Months.	Barometer Readings corrected for Capillarity and reduced to 32° Fahr.			Barograph Readings.		
	9 hours.	15 hours.	Means.	9 hours.	15 hours.	Means.
	ins.	ins.	ins.	ins.	ins.	ins.
January	29.802	29.747	29.774	29.804	29.747	29.775
February	29.771	29.714	29.742	29.772	29.714	29.743
March	29.783	29.718	29.750	29.784	29.718	29.751
April	29.777	29.712	29.744	29.777	29.712	29.744
May	29.962	29.889	29.925	29.962	29.888	29.925
June	30.023	29.952	29.987	30.023	29.951	29.987
July	29.999	29.928	29.963	29.999	29.928	29.963
August	30.015	29.938	29.976	30.015	29.937	29.976
September	30.042	29.963	30.002	30.043	29.962	30.002
October	30.011	29.938	29.974	30.011	29.937	29.974
November	29.960	29.890	29.925	29.961	29.890	29.925
December	29.859	29.802	29.830	29.859	29.803	29.831
Means	29.917	29.849	29.883	29.917	29.849	29.883

TABLE V

MEAN MONTHLY AND ANNUAL DIURNAL VARIATIONS OF THE ATMOSPHERIC PRESSURE, DEDUCED FROM TWELVE YEARS' OBSERVATIONS MADE IN 1875—86.

Hours.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Means.	Hours.
	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	
1... ...	+.005	+.006	+.006	+.007	+.006	+.008	+.011	+.010	+.009	+.007	+.004	.000	+.007	1
2... ...	—.009	—.010	—.008	—.006	—.005	—.004	—.001	—.002	—.003	—.007	—.009	—.012	—.006	2
3... ...	—.017	—.018	—.018	—.015	—.014	—.012	—.009	—.010	—.012	—.014	—.014	—.018	—.014	3
4... ...	—.019	—.020	—.022	—.020	—.019	—.016	—.014	—.016	—.016	—.014	—.013	—.018	—.017	4
5... ...	—.010	—.015	—.017	—.016	—.017	—.016	—.014	—.013	—.010	—.006	—.007	—.010	—.013	5
6... ...	+.005	—.005	—.006	—.006	—.006	—.007	—.006	—.002	+.003	+.006	+.008	+.005	—.001	6
7... ...	+.015	+.008	+.007	+.009	+.010	+.006	+.007	+.011	+.017	+.019	+.018	+.017	+.012	7
8... ...	+.021	+.018	+.021	+.022	+.024	+.023	+.022	+.025	+.029	+.028	+.024	+.021	+.023	8
9... ...	+.022	+.023	+.029	+.031	+.035	+.034	+.035	+.036	+.034	+.031	+.026	+.022	+.030	9
10... ...	+.018	+.021	+.026	+.029	+.032	+.030	+.032	+.034	+.028	+.023	+.018	+.018	+.026	10
11... ...	+.011	+.014	+.019	+.018	+.017	+.018	+.020	+.020	+.014	+.010	+.008	+.011	+.015	11
12... ...	—.001	+.002	+.001	—.004	—.003	—.001	—.001	—.002	—.008	—.007	—.006	—.002	—.003	12
13... ...	—.011	—.013	—.016	—.021	—.023	—.023	—.021	—.021	—.025	—.024	—.021	—.013	—.019	13
14... ...	—.025	—.026	—.029	—.034	—.036	—.035	—.035	—.037	—.041	—.039	—.035	—.026	—.033	14
15... ..	—.035	—.034	—.037	—.039	—.038	—.037	—.039	—.042	—.047	—.045	—.042	—.036	—.039	15
16	—.040	—.037	—.036	—.035	—.034	—.033	—.035	—.038	—.044	—.044	—.043	—.039	—.038	16
17... ...	—.033	—.031	—.029	—.025	—.024	—.024	—.026	—.030	—.034	—.034	—.032	—.031	—.029	17
18... ...	—.018	—.017	—.016	—.013	—.012	—.012	—.016	—.017	—.018	—.016	—.015	—.015	—.015	18
19... ...	.000	+.001	+.001	+.002	+.003	+.001	—.002	—.003	.000	+.003	+.003	+.003	+.001	19
20... ...	+.014	+.017	+.017	+.020	+.017	+.015	+.012	+.013	+.017	+.019	+.020	+.016	+.016	20
21... ...	+.026	+.029	+.030	+.029	+.025	+.022	+.020	+.022	+.028	+.030	+.029	+.026	+.026	21
22... ...	+.033	+.035	+.033	+.030	+.025	+.025	+.023	+.023	+.030	+.032	+.034	+.033	+.030	22
23... ...	+.030	+.032	+.028	+.025	+.023	+.022	+.020	+.022	+.026	+.028	+.029	+.030	+.026	23
24... ...	+.016	+.019	+.018	+.017	+.015	+.016	+.015	+.018	+.019	+.016	+.015	+.015	+.017	24

TABLE VI

TEMPERATURE OF AIR, EVAPORATION, AND DEW POINT, DURING THE YEAR 1886.

Observations.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Means.
	Deg.	Deg.	Deg.	Deg.	Deg.	Deg.	Deg.	Deg.	Deg.	Deg.	Deg.	Deg.	Deg.
Temperature of Air.													
(Dry Bulb. Ther. in shade.)													
Monthly Means	78.6	79.2	78.7	77.0	71.9	70.2	67.9	68.1	69.3	71.2	73.0	76.2	73.4
Mean at 6 hours...	74.3	74.6	74.6	74.0	68.4	66.9	64.3	63.8	65.2	67.2	69.0	72.2	69.5
„ 9 „	80.5	81.0	80.5	78.0	72.9	70.9	69.1	69.5	71.3	73.2	75.1	78.8	75.1
„ 13 „	83.4	84.4	83.5	80.7	76.0	74.1	72.2	73,2	74.4	76.2	77.6	81.2	78.1
„ 15 „	82.9	83.8	82.9	80.0	75.4	73.5	71.5	72.4	73.4	75.3	77.1	80.2	77.4
Highest Readings	87.5	88.4	88.0	84.7	80.3	78.4	76.2	76.6	78.3	81.0	82.3	86.0	82.3
Lowest „	69.6	71.4	70.0	66.0	63.0	62.2	58.2	57.7	60.0	61.0	64.8	65.5	64.1
Range in Month...	17.9	17.0	18.0	18.7	17.3	16.2	18.0	18.9	18.3	20.0	17.5	20.5	18.2
Mean of Highest Daily Readings ..	84.9	85.7	84.6	82.0	77.3	75.4	73.7	74.6	76.3	77.7	79.0	82.8	79.5
„ Lowest „	73.6	74.2	74.1	73.2	67.4	65.8	63.2	62.6	64.1	66.5	68.3	71.3	68.7
Approximate Means	79.2	79.9	79.3	77.6	72.3	70.6	68.4	68.6	70.2	72.1	73.6	77.0	74.1
Mean Diurnal Range	11.3	11.5	10.5	8.8	9.9	9.6	10.5	12.0	12.2	11.2	10.7	11.5	10.8
Greatest „	15.8	15.3	14.5	13.3	14.6	13.3	16.1	17.8	16.6	16.0	14.7	17.9	15.5
Least „	8.3	8.3	7.4	5.7	7.1	6.7	5.6	6.8	8.0	8.0	6.9	7.6	7.2
Temperature of Evaporation.													
(Wet Bulb. Ther. in shade.)													
Monthly Means	73.0	73.9	73.5	71.9	65.9	64.0	62.9	61.5	63.1	65.0	66.8	70.2	67.6
Mean at 6 hours...	71.7	72.2	72.0	70.8	64.5	62.9	61.1	60.0	61.8	64.0	65.6	69.0	66.3
„ 9 „	74.4	75.0	74.7	72.8	67.2	65.3	64.4	62.7	64.2	66.1	67.8	71.1	68.8
„ 13 „	74.5	75.5	75.3	73.4	67.6	65.4	65.2	63.3	64.6	66.3	68.6	71.7	69.3
„ 15 „	74.4	75.6	75.1	73.1	67.4	65.2	64.8	63.1	64.4	66.1	68.0	71.4	69.0
Highest Readings	78.0	79.5	79.5	79.0	74.3	70.0	69.4	68.2	69.4	71.0	72.7	76.1	73.9
Lowest „	67.4	69.1	67.1	61.2	58.0	57.0	55.3	53.1	56.0	58.0	61.4	62.7	60.5
Range in Month...	10.6	10.4	12.4	17.8	16.3	13.0	14.1	15.1	13.4	13.0	11.3	13.4	13.4
Mean of Highest Daily Readings ..	76.3	77.1	76.7	74.9	69.4	67.1	66.5	64.6	66.4	68.0	70.0	73.5	70.9
„ Lowest „	71.0	71.7	71.4	69.7	63.4	61.6	60.0	58.7	60.4	62.9	64.9	68.0	65.3
Approximate Means	73.6	74.4	74.0	72.3	66.4	64.4	63.2	61.6	63.4	65.4	67.4	70.7	68.1
Mean Diurnal Range	5.3	5.4	5.3	5.2	6.0	5.5	6.5	5.9	6.0	5.1	5.1	5.5	5.6
Greatest „	7.4	7.8	9.0	8.6	8.9	9.4	9.7	9.7	9.3	8.1	7.7	9.6	8.8
Least „	3.3	3.3	2.6	3.0	2.7	3.4	2.8	2.1	3.5	2.1	3.3	3.1	2.9
Dew Point.													
(Deduced.)													
Monthly Means	69.3	70.3	70.0	68.4	61.5	59.4	59.0	56.4	58.3	60.5	62.3	66.1	63.5
Mean at 6 hours...	69.8	70.4	70.1	68.5	61.4	59.7	58.4	56.6	59.0	61.5	63.0	66.7	63.8
„ 9 „	70.2	71.0	70.8	69.1	63.0	61.1	60.8	57.5	58.8	61.0	62.6	65.9	64.3
„ 13 „	68.7	69.6	70.0	68.5	61.6	59.0	59.8	56.0	57.5	59.4	62.4	65.3	63.1
„ 15 „	68.7	70.2	69.9	68.4	61.7	59.1	59.7	56.2	57.7	59.6	61.6	65.5	63.2
Highest in Month	73.9	75.4	74.8	76.0	70.9	65.0	66.6	64.1	65.6	66.2	69.6	71.9	70.0
Lowest „	64.2	62.9	63.5	58.0	52.6	51.7	51.9	48.0	50.4	51.6	54.0	58.5	55.6
Range „	9.7	12.5	11.3	18.0	18.3	13.3	14.7	16.1	15.2	14.6	15.6	13.4	14.4
Greatest Diurnal Range	4.8	8.4	5.8	5.6	9.5	8.0	6.5	7.7	9.0	9.4	6.2	7.1	7.3
Least „	0.6	0.7	0.7	1.2	0.7	0.6	1.3	1.0	0.5	1.3	0.9	0.6	0.8

TABLE VII

ELASTIC FORCE OF VAPOUR, RELATIVE HUMIDITY, CLOUD, AND RAINFALL DURING THE YEAR 1886.

Observations.	Jan.	Feb.	March.	April.	May.	June.	July.	August.	Sept.	Oct.	Nov.	Dec.	Means.
Elastic Force of Vapour. (Deduced.)	Inch.	Inch.	Inch.	Inch.	Inch.	Inch.	Inch.	Inch.	Inch.	Inch.	Inch.	Inch.	Inch.
Monthly Means	.718	.744	.737	.701	.550	.509	.503	.458	.491	.531	.564	.644	.596
Mean at 6 hours	.731	.747	.740	.702	.548	.514	.491	.462	.501	.548	.578	.657	.602
„ 9 „	.741	.761	.756	.717	.580	.540	.536	.477	.499	.540	.571	.639	.613
„ 13 „	.703	.727	.736	.702	.554	.503	.518	.451	.481	.509	.567	.626	.590
„ 15 „	.705	.741	.735	.700	.553	.505	.515	.455	.481	.514	.550	.632	.590
Highest in Month	.839	.879	.863	.895	.756	.619	.654	.599	.632	.645	.723	.783	.741
Lowest „	.601	.575	.586	.483	.398	.383	.387	.335	.366	.383	.418	.490	.450
Range „	.238	.304	.277	.412	.358	.236	.267	.264	.266	.262	.305	.293	.290
Greatest Diurnal Range	.124	.190	.149	.139	.168	.151	.125	.130	.160	.154	.128	.167	.149
Least „	.015	.018	.020	.026	.012	.009	.027	.016	.009	.024	.017	.016	.017
Relative Humidity. (Deduced, Comp. Sat.=100.)	Rel.	Rel.	Rel.	Rel.	Rel.	Rel.	Rel.	Rel.	Rel.	Rel.	Rel.	Rel.	Rel.
Monthly Means	74.2	75.3	75.5	75.5	70.7	69.5	74.0	67.3	69.4	70.5	70.1	72.2	72.0
Means at 6 hours	86.0	86.9	85.8	83.0	78.8	78.1	81.4	77.7	80.6	82.1	81.5	83.1	82.1
„ 9 „	71.2	71.9	72.4	74.4	71.3	71.1	75.2	65.8	64.8	66.1	65.5	64.6	69.5
„ 13 „	61.3	61.6	64.1	66.8	61.5	59.5	65.5	54.8	56.2	56.5	60.0	58.6	60.5
„ 15 „	62.5	63.8	65.2	68.1	62.6	60.9	66.6	57.0	58.3	58.9	58.8	61.4	62.0
Highest in Month	91.0	92.5	92.6	91.5	92.5	89.8	90.6	88.6	92.8	88.8	91.0	88.0	90.8
Lowest „	51.0	43.5	51.9	53.0	48.2	47.4	49.9	45.0	40.0	42.1	47.0	45.3	47.0
Range „	40.0	49.0	40.7	38.5	44.3	42.4	40.7	43.6	52.8	46.7	44.0	42.7	43.8
Greatest Diurnal Range	34.0	43.0	31.8	29.0	39.7	33.7	37.5	35.9	39.9	42.9	36.5	35.1	36.6
Least „	18.5	12.9	9.2	5.8	7.0	10.8	7.1	11.6	15.5	14.0	13·0	14.3	11.6
Upper Cloud. (10 = Overcast.)													
Monthly Means	1.4	0.8	1.5	1.9	1.0	0.7	0.3	0.6	0.2	0.6	0.1	1.0	0.8
Mean at 6 hours	1.1	0.6	1.7	2.2	0.8	0.6	0.1	0.7	0.2	0.6	0.2	1.3	0.8
„ 9 „	1.1	0.7	1.4	1.8	1.4	1.2	0.5	0.9	0.3	0.5	0.1	0.8	0.9
„ 13 „	1.4	0.7	1.2	1.6	0.8	0.4	0.3	0.5	0.2	0.6	0.2	0.7	0.7
„ 15 „	2.1	1.1	1.6	2.2	1.0	0.8	0.5	0.5	0.1	0.6	0.1	1.1	1.0
Lower Cloud. (10 = Overcast.)													
Monthly Means...	3.9	4.5	4.0	4.8	4.2	4.8	4.9	4.2	5.1	5.3	5.7	4.6	4.7
Mean at 6 hours	3.0	3.4	2.9	4.6	4.0	4.8	3.6	3.8	4.3	5.8	4.3	2.6	3.9
„ 9 „	4.1	4.4	3.7	4.8	3.5	4.7	4.9	3.9	5.3	5.5	5.9	4.8	4.6
„ 13 „	4.6	5.0	4.9	5.1	4.8	5.2	6.0	4.5	5.5	5.1	6.3	5.4	5.2
„ 15 „	3.8	5.2	4.6	4.8	4.5	4.5	5.3	4.7	5.5	4.9	6.4	5.8	5.0
	Inch.	Inch.	Inch.	Inch.	Inch.	Inch.	Inch.	Inch.	Inch.	Inch.	Inch.	Inch.	Inch.
Rainfall	2.13	4.26	3.81	3.12	1.88	0.65	2.22	0.74	0.85	2.58	1.19	6.31	29.74
No. of days on which rain fell	16	18	16	18	19	14	20	2	15	23	14	19	194
	Inch.	Inch.	Inch.	Inch.	Inch.	Inch.	Inch.	Inch.	Inch.	Inch.	Inch.	Inch.	Inch.
Mean Rainfall for the years 1875-86	6.30	5.88	6.40	5.87	5.12	1.98	2.24	1.87	1.56	1.85	2.10	5.41	46.58
Excess or Defect in 1886	—4.17	—1.62	—2.59	—2.75	—3.24	—1.33	—0.02	—1.13	—0.71	+0.73	—0.91	+0.90	—16.84

TABLE VIII

MEANS AND EXTREMES OF THE READINGS OF THERMOMETERS EXPOSED ON THE LAWN IN 1886.

Months.	Maximum Thermometer in Screen.					Minimum Thermometer in Screen.					Minimum Thermometer on Grass.					Maximum temperature in Sun's rays. N. & Z., No. 5999.					Maximum temperature in Sun's rays. Hicks, No. 3647.					Months.
	Means.	Abs. Max.	Dates.	Min.	Dates.	Means.	Max.	Dates.	Min.	Dates.	Means.	Max.	Dates.	Abs. Min.	Dates.	Means.	Max.	Dates.	Min.	Dates.	Means.	Max.	Dates.	Min.	Dates.	
	°	°		°		°	°		°		°	°		°		°	°		°		°	°		°		
January ...	91.0	94.0	28	88.0	1	71.3	74.8	25	66.4	19	67.6	71.4	25	62.4	19	136.6	142.7	17	131.7	12	157.6	167.4	2	150.4	8	January
February ...	91.5	96.2	11	86.7	27	72.0	76.1	2	68.6	8	68.4	74.1	2	64.1	27	136.3	143.6	12	129.6	27	157.3	166.2	12	150.0	27	February
March ...	90.3	94.0	15	84.0	23	71.3	76.0	12	65.2	3	67.2	71.4	9	61.3	3	133.1	140.4	12	109.3	23	153.7	161.7	5	121.7	23	March
April ...	86.9	90.3	3	82.8	25	70.6	75.3	16	58.9	19	67.0	73.1	16	54.3	20	129.1	135.6	23	113.4	25	147.8	155.6	2	132.9	25	April
May ...	82.8	85.5	18	79.3	22	64.0	70.0	3	58.2	8	59.6	68.3	3	53.8	15	122.5	129.3	7	116.3	28	141.3	149.6	7	135.4	30	May
June ...	81.7	85.0	7	79.3	4	62.4	66.5	28	57.7	2	58.2	64.0	3	51.4	16	119.4	123.7	7	114.4	12	137.4	144.1	9	133.1	28	June
July ...	79.4	83.0	8	76.4	6	59.1	67.2	3	54.0	15	54.0	64.3	3	49.4	15 & 16	116.7	124.2	27	107.4	2	135.4	144.6	27	120.0	2	July
August ...	81.6	84.0	8 & 23	76.4	1	58.5	65.5	27	53.0	14	53.4	61.2	27	48.2	3	121.2	129.1	30	105.8	19	140.3	148.2	30	119.2	19	August
September...	84.1	86.2	28	81.4	4	60.7	66.2	13	53.2	24	56.4	63.0	13	48.2	24	125.4	130.4	22	118.0	4	146.2	153.7	9	139.0	4	September
October ...	85.8	90.0	7	83.0	16 & 18	63.2	66.2	7	56.0	3	59.4	63.4	14 & 18	49.5	3	127.5	131.2	30	122.4	26	147.4	152.4	3	140.3	26	October
November...	87.2	90.4	28	82.0	4	64.9	70.3	21	61.8	4	61.9	69.3	21	58.3	27	130.0	136.6	25	123.6	5	149.7	158.3	29	139.3	5	November
December ...	89.7	93.5	24	84.4	2	66.6	73.0	31	60.4	6	64.4	71.1	31	57.0	6	132.8	141.2	10	121.8	16	152.6	162.3	10	139.3	16	December
Means ...	86.0	89.3		82.0		65.4	70.6		59.4		61.5	67·9		54.8		127.5	134.0		117.8		147.2	155.3		135.0		Means

NOTE.—The Maximum and Minimum Thermometers are exposed in a Stevenson's screen.

The readings of two solar radiation vacuum Thermometers are given, one by Negretti and Zambra, No. 5999, the bulb being made of bright black glass, and the other by Hicks, No. 3647, the bulb and about an inch of the stem being coated with lamp black. When compared with the Kew Reference Standard, after being mounted in its glass jacket, Hicks had a correction of—0°.9 at 100 deg.

TABLE IX

MEANS AND EXTREMES OF THE READINGS OF A THERMOMETER, THE BULB OF WHICH IS 5 FEET BELOW THE SURFACE OF THE GROUND.

Months.	Means.	Abs. Max.	Abs. Min.	Range during month.
January	79.55°	80.1°	78.8°	1.3°
February	80.86	81.4	80.1	1.3
March	81.49	81.6	81.4	0.2
April	81.17	81.4	80.9	0.5
May	80,00	80.8	79.0	1.8
June	78.13	79.0	77.3	1.7
July	76.64	77.3	76.0	1.3
August	75.50	76.0	75.3	0.7
September	75.78	76.1	75.4	0.7
October	76.74	77.2	76.1	1.1
November	77.67	78.4	77.1	1.3
December	79.67	80.5	78.5	2.0
Means	78·60	79.1	78.0	1.2

TABLE X

AMOUNT OF EVAPORATION.

Months.	Total Evaporation.	Mean daily Evaporation.	Rainfall.	Excess of Evaporation over Rainfall.
	Inches.	Inches.	Inches.	Inches.
*January	8.31	0.297	2.13	+ 6.18
February	8.49	0.304	4.26	+ 4.23
March	8.68	0.280	3.81	+ 4.87
April	6.87	0.229	3.12	+ 3.75
May	6.57	0.212	1.88	+ 4.69
June	7.98	0.266	0.65	+ 7.33
July	7.13	0.230	2.22	+ 4.91
August	7.93	0.256	0.74	+ 7.19
September	9.32	0.311	0.85	+ 8.47
October	10.73	0.346	2.58	+ 8.15
November	10.63	0.354	1.19	+ 9.44
December ‡	8.34	0.347	2.49	+ 5.85
Totals and Means	100.98	0.286	25.92	+75.06

NOTE.—The above observations have been made with an Evaporometer by Negretti and Zambra, consisting of a brass vessel, of the same diameter as the Glaisher rain gauge, viz 8 inches, and placed on the lawn near the latter.

* From the 4th. ‡ Mean for 24 days.

TABLE XI

DAILY DURATION OF BRIGHT SUNSHINE FOR THE LAST QUARTER OF THE YEAR 1886.

Day.	October.		November.		December.	
	Daily duration of Sunshine.	Percentage of possible Sunshine.	Daily duration of Sunshine.	Percentage of possible Sunshine.	Daily duration of Sunshine.	Percentage of possible Sunshine.
	Hours	P. C.	Hours	P. C.	Hours	P. C.
1	10.4	85	6.6	59	6.5	49
2	6.0	49	9.5	74	2.4	18
3	9.2	75	5.1	39	6.7	51
4	11.0	90	3.2	25	11.3	86
5	10.5	85	6.3	49	9.5	72
6	8.6	70	10.2	79	11.3	86
7	9.6	78	3.8	29	11.9	90
8	9.9	80	6.0	47	11.1	84
9	9.4	76	6.1	47	6.4	49
10	10.7	86	8.1	63	5.7	43
11	8.0	65	7.4	57	9.2	69
12	6.5	52	7.7	59	8.4	63
13	6.5	52	9.5	73	4.7	35
14	9.3	75	3.4	26	12.3	93
15	5.5	44	10.2	78	4.3	32
16	7.0	56	7.6	58	3.4	26
17	6.0	48	6.3	48	4.7	35
18	3.9	31	6.3	48	5.8	44
19	9.7	77	4.3	33	11.7	88
20	7.4	59	7.9	61	11.8	89
21	7.1	56	4.0	31	8.8	66
22	7.3	58	9.1	69	11.6	87
23	6.7	53	9.2	70	11.3	85
24	8.5	68	10.0	76	7.6	57
25	10.0	79	9.3	71	4.4	33
26	11.3	89	8.1	62	10.5	79
27	11.0	87	11.3	86	9.4	71
28	6.8	54	11.0	83	11.3	85
29	10.9	85	10.7	81	8.3	62
30	8.2	64	11.0	83	4.4	33
31	8.5	66	...	...	1.2	9
Means	8.4	67	7.6	59	8.0	60

Note.—The above table has been compiled from the daily records of an improved "Campbell's Sunshine Recorder," by Negretti and Zambra. In general no trace is obtained when the Sun's altitude is less than 5°, nor when it shines through clouds or mist. The instrument is placed on a stand on the roof of the Observatory 42½ feet above the ground.

TABLE XII

TOTAL AMOUNT OF BRIGHT SUNSHINE
REGISTERED IN EACH HOUR OF THE DAY FOR THE LAST QUARTER OF 1886.

Months.	Registered Duration of Sunshine in the hour ending														Total No. of hours of Sunshine.	Corresponding period during which the Sun was above horizon.	Percentage of possible Sunshine.
	6	7	8	9	10	11	12	13	14	15	16	17	18	19			
																Hours	
October ...	...	5.7	20.3	26.0	24.6	26.1	26.3	23.8	26.4	25.2	23.6	22.6	10.8	...	261.4	387.5	67
November..	...	12.3	20.0	22.0	24.0	23.9	21.6	20.5	20.5	21.8	18.2	15.5	8.9	...	229.2	389.8	59
December ..	2.1	20.9	21.4	24.3	25.3	23.9	20.9	20.2	20.8	19.6	17.4	16.5	11.7	2.9	247.9	411.3	60

Note.—The hours are reckoned from apparent midnight.

TABLE XIII

NUMBER OF TIMES THE WIND BLEW FROM

Months.	North. 0.0 0.5	N. b. E. 1.0 1.5	N. N. E. 2.0 2.5	N. E. b. N. 3.0 3.5	N. E. 4.0 4.5	N. E. b. E. 5.0 5.5	E. N. E. 6.0 6.5	E. b. N. 7.0 7.5	East. 8.0 8.5	E. b. S. 9.0 9.5	E. S. E. 10.0 10.5	S. E. b. E. 11.0 11.5	S. E. 12.0 12.5	S. E. b. S. 13.0 13.5	S. S. E. 14.0 14.5	S. b. E. 15.0 15.5	South. 16.0 16.5	S. b. W. 17.0 17.5	S. S. W. 18.0 18.5	S. W. b. S. 19.0 19.5	S. W. 20.0 20.5	S. W. b. W. 21.0 21.5	W. S. W. 22.0 22.5	W. b. S. 23.0 23.5	West. 24.0 24.5	W. b. N. 25.0 25.5	W. N. W. 26.0 26.5	N. W. b. W. 27.0 27.5	N. W. 28.0 28.5	N. W. b. N. 29.0 29.5	N. N. W. 30.0 30.5	N. b. W. 31.0 31.5	Calms.	Totals.	Months.
January ...	3	1	4	6	4	10	32	67	82	121	188	160	20	7	7	3	...	...	...	1	...	...	...	...	...	...	2	19	1	5	...	...	1	744	January.
February ...	...	2	1	9	13	16	42	49	60	125	155	99	40	12	5	3	2	...	2	2	6	2	1	2	...	1	2	2	6	1	11	1	...	672	February.
March	1	3	1	14	14	25	83	79	93	75	107	115	59	28	5	7	6	1	1	...	2	3	4	1	...	3	6	2	3	2	1	...	...	744	March.
April	...	6	2	3	8	25	72	64	99	106	133	67	29	25	16	24	26	8	4	...	...	...	...	...	1	...	...	1	1	...	...	...	...	720	April.
May	...	...	1	1	...	1	9	18	61	98	192	204	99	33	14	5	5	1	...	...	...	...	1	...	1	...	...	...	...	...	...	...	...	744	May.
June	...	...	...	...	...	...	...	7	32	106	199	194	97	39	33	2	3	2	5	1	...	...	...	...	...	...	...	...	...	...	...	...	...	720	June.
July	2	...	2	2	2	16	6	34	41	120	245	160	75	6	14	7	3	...	...	...	...	...	2	...	2	...	2	...	...	1	...	1	1	744	July.
August ...	3	4	2	1	2	8	18	34	45	96	179	169	117	12	15	6	...	...	...	3	1	...	2	2	6	1	3	1	2	1	7	4	...	744	August.
September ...	2	...	1	...	...	9	18	52	79	114	182	161	39	14	29	1	...	...	1	1	2	1	2	3	2	...	3	2	...	2	...	...	...	720	September.
October ...	...	...	...	1	1	8	65	134	131	184	147	62	6	4	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	744	October.
November ...	3	1	1	6	1	46	111	88	128	108	114	78	22	2	5	1	...	...	1	...	...	...	...	...	...	...	...	2	1	1	...	...	...	720	November.
December ...	8	7	9	8	25	88	90	87	42	33	66	42	38	7	33	...	10	...	5	13	8	15	2	6	6	...	20	6	27	7	29	6	1	744	December.
Totals	22	24	24	51	70	252	546	713	893	1286	1907	1511	641	189	176	60	55	12	19	21	19	21	14	14	18	5	38	35	41	20	48	12	3	8760	Totals.
Percentages ...	0.25	0.27	0.27	0.58	0.80	2.88	6.23	8.14	10.20	14.68	21.77	17.25	7.32	2.16	2.01	0.68	0.63	0.14	0.22	0.24	0.22	0.24	0.16	0.16	0.21	0.06	0.43	0.40	0.47	0.23	0.55	0.14	0.04	100.03	Percentages

This Table has been compiled from hourly tabulations of the anemograms, taking 32 points and giving the number of times the wind came from an arc of 5° 37′ in advance of each point.

TABLE XIV

OBSERVED MEAN HOURLY VELOCITY OF THE WIND IN 1886.

Hours.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Means.	Hours.
	Velocity in miles per hour.	Velocity in miles per hour.	Velocity in miles per hour.	Velocity in miles per hour.	Velocity in miles per hour.	Velocity in miles per hour.	Velocity in miles per hour.	Velocity in miles per hour.	Velocity in miles per hour.	Velocity in miles per hour.	Velocity in miles per hour.	Velocity in miles per hour.	Velocity in miles per hour.	
1	7.1	7.4	6.9	10.0	9.0	9.8	10.0	8.4	8.1	8.9	7.9	4.9	8.2	1
2	7.7	7.3	7.0	10.4	9.5	10.0	9.7	8.3	7.9	8.9	8.3	4.8	8.3	2
3	7.4	7.1	6.4	9.6	9.1	9.0	8.7	8.8	7.8	8.5	7.6	5.1	7.9	3
4	7.2	7.1	6.9	9.7	9.4	8.9	8.6	9.0	7.6	8.2	7.8	5.1	8.0	4
5	7.6	6.7	7.0	10.1	9.2	9.3	8.7	8.5	8.0	8.9	8.7	5.4	8.2	5
6	7.7	6.5	6.8	10.8	9.9	8.9	8.5	8.5	8.3	9.4	8.4	5.0	8.2	6
7	8.3	7.0	6.6	10.1	9.5	9.5	9.1	8.5	8.8	11.7	10.8	6.0	8.8	7
8	12.2	10.9	9.9	13.1	12.1	11.9	10.9	10.8	13.6	16.9	13.9	9.0	12.1	8
9	14.3	13.3	12.1	15.9	15.8	15.4	13.9	14.4	15.3	17.8	15.2	10.2	14.5	9
10	14.7	13.6	12.3	17.2	17.3	18.0	15.7	15.6	16.8	18.9	16.3	11.6	15.7	10
11	15.2	13.9	13.0	16.9	17.8	18.7	16.6	15.3	17.1	18.1	16.2	12.0	15.9	11
12	15.6	14.4	13.0	17.6	17.9	19.0	17.3	16.2	17.0	18.7	16.3	12.6	16.3	12
13	15.1	14.9	12.9	17.6	18.0	18.8	17.1	15.9	16.7	18.2	16.3	12.8	16.2	13
14	15.2	15.0	13.4	18.3	18.3	18.8	17.0	16.4	17.0	18.1	17.2	12.1	16.4	14
15	14.6	14.7	13.0	17.3	17.4	18.3	16.7	15.0	15.8	17.2	16.3	10.8	15.6	15
16	14.5	13.4	12.4	16.4	15.7	17.5	15.7	14.7	15.6	17.8	15.5	10.2	14.9	16
17	14.1	12.8	11.3	14.3	12.8	14.1	13.2	13.3	14.3	16.3	14.3	9.0	13.3	17
18	12.8	11.5	9.9	11.6	11.3	11.4	11.4	10.7	12.0	13.7	12.9	7.8	11.4	18
19	9.4	8.4	7.5	10.8	10.8	10.9	11.0	8.8	9.3	10.9	10.2	6.3	9.5	19
20	8.4	7.9	7.5	10.7	11.2	10.8	10.9	8.1	9.1	9.8	9.3	4.8	9.0	20
21	8.0	8.2	7.5	10.5	10.8	10.3	11.1	7.8	9.2	9.3	8.6	4.3	8.8	21
22	7.8	7.7	7.5	10.7	9.6	10.6	10.6	7.5	9.0	9.8	8.1	4.5	8.6	22
23	7.7	8.0	7.6	11.0	9.1	11.1	10.6	8.3	8.3	9.7	8.1	4.7	8.7	23
24	7.3	7.7	7.2	10.7	9.6	9.8	10.6	8.1	7.8	9.9	7.8	4.6	8.4	24
Means	10.8	10.2	9.4	13.0	12.5	13.0	12.2	11.1	11.7	13.1	11.7	7.7	11.4	Means.

TABLE XV

OBSERVED MEAN DAILY AND MONTHLY VELOCITY OF THE WIND IN 1886.

Days of Months.	January. Velocity in miles per hour.	February. Velocity in miles per hour.	March. Velocity in miles per hour.	April. Velocity in miles per hour.	May. Velocity in miles per hour.	June. Velocity in miles per hour.	July. Velocity in miles per hour.	August. Velocity in miles per hour.	September. Velocity in miles per hour.	October. Velocity in miles per hour.	November. Velocity in miles per hour.	December. Velocity in miles per hour.	Means. Velocity in miles per hour.	Days of Months.
1st ...	5.0	8.6	11.7	10.5	12.9	7.2	14.9	17.3	7.7	9.5	10.5	5.9	10.1	1st
2nd ...	5.8	7.8	8.6	11.6	15.0	12.0	20.2	11.6	6.4	10.6	9.6	5.0	10.3	2nd
3rd ...	6.4	6.6	5.9	12.7	16.8	17.8	18.3	17.5	12.3	11.2	7.5	8.1	11.8	3rd
4th ...	8.9	8.4	8.1	17.7	11.8	18.0	15.8	17.3	16.0	12.5	6.6	9.3	12.5	4th
5th ...	11.1	9.8	7.7	20.1	5.4	14.5	13.4	16.5	14.3	12.7	11.3	7.9	12.1	5th
6th ...	10.0	8.9	9.1	16.0	12.2	10.3	11.1	12.7	11.3	11.8	19.1	9.0	11.8	6th
7th ...	11.7	8.6	9.3	13.6	11.3	7.5	10.6	12.3	8.6	12.4	20.8	8.8	11.3	7th
8th ...	11.8	7.6	11.0	11.7	11.4	10.7	7.3	8.9	7.8	15.0	18.6	8.1	10.8	8th
9th ...	12.1	7.4	11.3	9.5	12.7	12.3	9.1	7.9	6.3	16.7	11.8	7.7	10.4	9th
10th ...	13.1	8.7	8.9	10.5	14.6	16.5	8.7	7.5	11.9	16.2	12.4	7.9	11.4	10th
11th ...	11.8	9.2	10.7	15.4	14.9	12.3	15.5	11.3	16.8	19.5	14.3	8.5	13.3	11th
12th ...	10.8	7.2	9.5	13.1	17.5	15.4	16.8	16.3	17.9	17.6	18.8	8.8	14.1	12th
13th ...	12.9	8.5	10.1	5.3	14.3	16.3	13.1	12.9	13.2	17.3	15.2	5.3	12.0	13th
14th ...	13.8	12.9	12.8	7.4	10.2	13.0	7.8	9.5	9.4	17.9	10.3	7.7	11.1	14th
15th ...	13.2	15.9	16.1	9.2	9.2	9.2	6.0	7.3	11.5	12.8	13.1	8.0	11.0	15th
16th ...	12.4	11.6	14.7	19.8	10.6	11.6	7.9	7.1	12.9	14.6	12.3	5.6	11.8	16th
17th ...	12.9	6.6	12.4	15.4	10.0	11.4	9.3	10.7	15.7	15.8	10.7	5.8	11.4	17th
18th ...	11.4	6.8	11.4	10.2	10.5	10.1	7.6	11.4	15.0	14.9	10.7	6.5	10.5	18th
19th ...	9.3	13.3	8.9	12.0	12.3	9.7	7.9	8.3	14.2	11.4	10.9	10.3	10.7	19th
20th ...	6.6	11.7	8.5	11.5	14.3	12.3	12.5	9.0	14.5	12.6	13.4	9.7	11.4	20th
21st ...	8.7	9.4	6.4	10.6	10.9	14.7	21.3	8.1	9.1	9.6	14.5	9.4	11.1	21st
22nd ...	12.6	8.6	9.4	13.3	13.8	13.5	17.5	7.5	12.0	9.6	8.9	9.4	11.3	22nd
23rd ...	13.9	11.6	8.2	14.2	14.9	15.1	14.1	11.9	9.6	12.0	8.7	10.0	12.0	23rd
24th ...	14.5	16.7	8.5	16.5	13.8	11.0	12.6	13.9	12.3	12.9	8.6	7.8	12.4	24th
25th ...	12.0	15.8	8.1	17.3	13.4	11.1	14.3	9.1	12.9	12.9	7.7	5.7	11.7	25th
26th ...	12.7	14.0	5.8	11.4	12.4	10.7	14.1	8.3	10.6	12.1	9.2	7.4	10.7	26th
27th ...	9.6	10.8	4.6	10.7	11.3	15.7	9.3	10.8	10.3	11.2	9.8	6.8	10.1	27th
28th ...	10.1	13.0	7.5	15.1	14.5	19.6	7.4	10.8	6.9	10.1	9.3	6.4	10.9	28th
29th ...	12.9	.....	9.2	13.5	14.5	14.8	6.8	12.1	12.1	10.6	9.5	6.4	11.1	29th
30th ...	10.0	.....	7.3	13.3	12.1	14.3	11.1	10.5	11.1	12.4	8.0	7.3	10.7	30th
31st ...	8.2	.....	9.8	.....	9.8	.....	16.7	8.6	.....	11.1	.....	6.9	10.2	31st
Means ...	10.8	10.2	9.4	13.0	12.6	13.0	12.2	11.1	11.7	13.1	11.7	7.7	11.4	Means.

TABLE XVI

MEAN HOURLY AND MONTHLY NORTH AND EAST COMPONENTS OF THE WIND IN 1886.

Months.	January.		February.		March.		April.		May.		June.		July.		Months.
Hours.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	Hours.
1	— 2.93	+ 5.98	— 2.45	+ 6.23	— 2.39	+ 5.88	— 2.85	+ 8.32	— 4.14	+ 7.53	— 4.74	+ 8.06	— 4.23	+ 8.65	1
2	— 3.30	+ 6.37	— 2.61	+ 6.01	— 1.76	+ 5.68	— 2.86	+ 8.87	— 4.44	+ 7.93	— 4.86	+ 8.15	— 4.45	+ 8.31	2
3	— 2.69	+ 6.22	— 2.41	+ 5.84	— 2.19	+ 5.41	— 3.45	+ 7.48	— 3.94	+ 7.55	— 4.99	+ 7.08	— 4.12	+ 7.29	3
4	— 3.00	+ 6.01	— 2.61	+ 6.15	— 2.27	+ 6.04	— 3.66	+ 7.52	— 4.92	+ 7.40	— 4.68	+ 6.92	— 4.21	+ 7.07	4
5	— 3.20	+ 6.26	— 2.70	+ 5.71	— 2.18	+ 5.99	— 4.12	+ 7.47	— 4.96	+ 7.22	— 5.20	+ 7.29	— 3.85	+ 7.33	5
6	— 3.23	+ 6.35	— 2.74	+ 5.53	— 2.52	+ 5.72	— 3.66	+ 8.42	— 4.62	+ 7.99	— 4.94	+ 6.72	— 4.31	+ 6.93	6
7	— 3.49	+ 6.96	— 2.78	+ 5.93	— 2.15	+ 5.70	— 3.12	+ 8.04	— 4.42	+ 8.05	— 5.11	+ 7.57	— 4.54	+ 7.59	7
8	— 4.11	+10.77	— 3.20	+ 9.36	— 2.14	+ 8.72	— 3.46	+10.66	— 5.34	+10.08	— 5.97	+ 9.91	— 4.60	+ 9.53	8
9	— 2.78	+12.77	— 1.33	+11.30	— 0.58	+10.61	— 3.99	+13.49	— 6.37	+13.61	— 7.30	+12.89	— 5.90	+11.85	9
10	— 1.81	+13.23	— 0.21	+11.50	+ 0.36	+10.85	— 3.72	+14.47	— 6.43	+15.29	— 8.11	+15.55	— 4.38	+14.11	10
11	— 0.23	+13.79	+ 0.05	+11.85	+ 1.90	+10.21	— 2.83	+14.18	— 6.84	+15.55	— 7.80	+16.38	— 4.01	+14.76	11
12	— 0.13	+13.51	+ 0.30	+11.37	+ 2.41	+10.09	— 3.25	+14.35	— 6.45	+15.69	— 7.51	+16.71	— 4.78	+15.20	12
13	— 0.24	+13.42	— 0.44	+12.21	+ 1.95	+ 9.43	— 2.54	+14.28	— 5.85	+16.24	— 8.24	+16.34	— 5.13	+14.89	13
14	+ 0.05	+13.27	— 0.72	+10.97	+ 2.09	+ 9.96	— 2.77	+14.86	— 5.23	+15.96	— 7.36	+16.73	— 4.09	+14.80	14
15	— 0.56	+12.79	— 0.89	+10.60	+ 1.14	+ 9.57	— 3.06	+13.95	— 6.46	+14.89	— 8.07	+15.55	— 3.71	+14.40	15
16	— 0.75	+12.73	— 1.87	+10.81	+ 0.18	+ 9.97	— 3.17	+13.38	— 6.51	+13.47	— 7.54	+15.09	— 5.41	+13.22	16
17	— 3.19	+12.26	— 2.77	+10.73	— 1.19	+ 9.56	— 3.36	+11.70	— 5.72	+10.75	— 6.73	+11.79	— 4.60	+10.83	17
18	— 4.07	+11.21	— 2.49	+ 9.81	— 1.35	+ 8.74	— 3.12	+ 9.50	— 5.56	+ 9.21	— 5.42	+ 9.58	— 4.73	+ 9.91	18
19	— 3.69	+ 8.08	— 2.70	+ 7.32	— 1.70	+ 6.60	— 3.20	+ 8.81	— 4.74	+ 9.24	— 5.42	+ 9.02	— 4.41	+ 9.59	19
20	— 3.40	+ 7.27	— 2.49	+ 6.77	— 2.07	+ 6.56	— 3.33	+ 8.58	— 5.62	+ 9.15	— 5.77	+ 8.74	— 4.72	+ 9.41	20
21	— 3.05	+ 6.86	— 2.78	+ 6.87	— 2.12	+ 6.58	— 2.50	+ 9.14	— 5.37	+ 8.81	— 5.13	+ 8.21	— 4.43	+ 9.75	21
22	— 2.96	+ 6.76	— 2.79	+ 6.65	— 2.33	+ 6.38	— 3.31	+ 8.74	— 4.95	+ 7.77	— 5.17	+ 8.66	— 4.41	+ 9.17	22
23	— 3.00	+ 6.50	— 3.00	+ 6.78	— 2.10	+ 6.63	— 3.52	+ 8.74	— 4.64	+ 7.48	— 5.32	+ 9.16	— 4.78	+ 9.02	23
24	— 2.98	+ 6.13	— 2.90	+ 6.42	— 1.95	+ 6.18	— 3.35	+ 8.73	— 4.72	+ 7.89	— 4.90	+ 7.91	— 4.48	+ 9.07	24
Means.	— 2.45	+ 9.40	— 2.02	+ 8.45	— 0.96	+ 7.79	— 3.26	+10.57	— 5.34	+10.62	— 6.09	+10.83	— 4.50	+10.51	Means.

TABLE XVI—(Continued.)

MEAN HOURLY AND MONTHLY NORTH AND EAST COMPONENTS OF THE WIND IN 1886.

Months.	August.		September.		October.		November.		December.		Mean for the year.		Variations.		Months.
Hours.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	Hours.
1	— 4.70	+ 6·55	— 3.53	+ 6.66	— 2.70	+ 8.16	— 1.38	+ 7.34	— 0.89	+ 2.77	— 3·08	+ 6.84	— 0.35	— 2.73	1
2	— 4.75	+ 6.37	— 3.41	+ 6.55	— 2.68	+ 8.13	— 2.18	+ 7.57	— 0.52	+ 3.16	— 3.15	+ 6.92	— 0.42	— 2.65	2
3	— 5.04	+ 6.82	— 3.05	+ 6.58	— 2.33	+ 7.77	— 1.80	+ 6.96	— 0.89	+ 3.47	— 3.07	+ 6.54	— 0.34	— 3.03	3
4	— 5.01	+ 7.04	— 3.68	+ 6.15	— 2.39	+ 7.45	— 2.07	+ 6.93	— 0.90	+ 3.35	— 3.28	+ 6.50	— 0.55	— 3.07	4
5	— 4.95	+ 6.64	— 3.97	+ 6.45	— 2.36	+ 8.12	— 2.27	+ 7.83	— 1.11	+ 3.79	— 3.41	+ 6.67	— 0.68	— 2.90	5
6	— 4.63	+ 6.72	— 3.55	+ 6.95	— 2.21	+ 8.84	— 2.43	+ 7.58	— 0.49	+ 3.41	— 3.28	+ 6.76	— 0.55	— 2.81	6
7	— 4.50	+ 6.89	— 3.74	+ 7.40	— 1.69	+11.21	— 2.29	+10.06	— 0.66	+ 4.62	— 3.21	+ 7.50	— 0.48	— 2.07	7
8	— 4.77	+ 9.03	— 5.01	+12.26	— 1.31	+16.26	— 0.53	+13.03	+ 1.46	+ 6.96	— 3.25	+10.55	— 0.52	+ 0.98	8
9	— 5.64	+11.86	— 4.54	+14.17	— 0.53	+17.21	+ 1.56	+14.23	+ 3.06	+ 7.86	— 2.86	+12.65	— 0.13	+ 3.08	9
10	— 4.84	+12.65	— 3.30	+15.87	+ 1.68	+18.18	+ 1.69	+15.00	+ 5.30	+ 7.78	— 1.98	+13.71	+ 0.75	+ 4.14	10
11	— 3.42	+12.55	— 2.88	+16.03	+ 1.94	+17.48	+ 2.09	+14.85	+ 5.57	+ 7.45	— 1.37	+13.76	+ 1.36	+ 4.19	11
12	— 2.36	+13.08	— 3.50	+14.97	+ 2.01	+18.06	+ 2.31	+14.94	+ 6.61	+ 6.87	— 1.19	+13.74	+ 1.54	+ 4.17	12
13	— 2.21	+12.57	— 2.56	+13.78	+ 2.14	+17.52	+ 2.09	+14.49	+ 6.26	+ 6.12	— 1.23	+13.44	+ 1.50	+ 3.87	13
14	— 2.87	+12.92	— 2.84	+14.02	+ 0.85	+17.56	+ 1.73	+15.42	+ 4.97	+ 6.59	— 1.35	+13.59	+ 1.33	+ 4.02	14
15	— 3.63	+11.52	— 3.08	+13.39	— 0.81	+16.50	+ 0.60	+14.65	+ 3.27	+ 4.28	— 2.10	+12.67	+ 0.63	+ 3.10	15
16	— 4.01	+11.35	— 3.17	+13.52	— 1.43	+17.18	— 0.94	+14.64	+ 2.16	+ 3.26	— 2.70	+12.38	+ 0.03	+ 2.81	16
17	— 3.48	+10.49	— 3.94	+12.55	— 1.81	+15.69	— 0.15	+13.58	+ 0.50	+ 3.52	— 3.04	+11.12	— 0.31	+ 1.55	17
18	— 4.63	+ 8.32	— 4.66	+10.46	— 2.09	+13.21	— 1.23	+11.89	+ 0.47	+ 3.55	— 3.24	+ 9.62	— 0.51	+ 0.05	18
19	— 3.79	+ 6.98	— 3.92	+ 7.96	— 1.72	+10.49	— 1.60	+ 9.61	+ 0.01	+ 3.83	— 3.07	+ 8.13	— 0.34	— 1.44	19
20	— 3.89	+ 6.02	— 3.87	+ 7.82	— 1.95	+ 9.31	— 1·84	+ 8.54	— 0.38	+ 2.91	— 3.28	+ 7.59	— 0.55	— 1.98	20
21	— 3.41	+ 6.02	— 3.70	+ 7.94	— 2.01	+ 8.74	— 1.38	+ 7.95	— 0.44	+ 2.16	— 3.03	+ 7.42	— 0.30	— 2.15	21
22	— 3.30	+ 5.89	— 3·58	+ 7.78	— 2.05	+ 9.29	— 1.50	+ 7.52	— 0.46	+ 2.31	— 3.07	+ 7.24	— 0.34	— 2.33	22
23	— 4.00	+ 6.63	— 3.45	+ 7.14	— 2.07	+ 9.21	— 1.39	+ 7.47	— 0.58	+ 2.41	— 3.15	+ 7.26	— 0.42	— 2.31	23
24	— 4.25	+ 6.33	— 2.74	+ 6.71	— 2.35	+ 9.38	— 1.45	+ 7.17	— 0.83	+ 2.43	— 3.07	+ 7.03	— 0.34	— 2.54	24
Means	— 4.09	+ 8.80	— 3.57	+10.13	— 1.16	+12.54	— 0.60	+10.80	+ 1.31	+ 4.37	— 2.73	+ 9.57			Means.

TABLE XVII

COMPUTED MEAN HOURLY AND MONTHLY DIRECTION AND VELOCITY OF THE WIND IN 1886.

Months.	January.		February.		March.		April.		May.		June.		July.		Months.
Hours.	Velocity in miles per hour.	Direction.	Velocity in miles per hour.	Direction.	Velocity in miles per hour.	Direction.	Velocity in miles per hour.	Direction.	Velocity in miles per hour.	Direction.	Velocity in miles per hour.	Direction.	Velocity in miles per hour.	Direction.	Hours.
1 ...	6.66	S 63°—54'E	6.69	S 68°—32'E	6.34	S 67°—52'E	8.79	S 71°—05'E	8.59	S 61°—12'E	9.35	S 59°—32'E	9.63	S 63°—56'E	1
2 ...	7.17	S 62 —37 E	6.55	S 66 —32 E	5.95	S 72 —47 E	9.32	S 62 —08 E	9.09	S 60 —45 E	9.49	S 59 —11 E	9.43	S 61 —50 E	2
3 ...	6.78	S 66 —37 E	6.32	S 67 —35 E	5.84	S 67 —58 E	8.24	S 65 —14 E	8.52	S 62 —27 E	8.66	S 54 —49 E	8.37	S 60 —32 E	3
4 ...	6.72	S 63 —28 E	6.68	S 67 —00 E	6.58	S 69 —50 E	8.36	S 64 —03 E	8.89	S 56 —23 E	8.35	S 55 —56 E	8.23	S 59 —14 E	4
5 ...	7.03	S 62 —55 E	6.32	S 64 —42 E	6.37	S 70 —00 E	8.53	S 61 —07 E	8.76	S 55 —31 E	8.95	S 54 —30 E	8.28	S 62 —17 E	5
6 ...	7.12	S 63 —02 E	6.17	S 63 —39 E	6.25	S 66 —13 E	9.18	S 66 —30 E	9.23	S 59 —58 E	8.34	S 53 —41 E	8.16	S 58 —07 E	6
7 ...	7.78	S 63 —22 E	6.55	S 64 —53 E	6.09	S 69 —20 E	8.62	S 68 —47 E	9.18	S 61 —14 E	9.13	S 55 —59 E	8.84	S 59 —07 E	7
8 ...	11.53	S 69 —07 E	9.90	S 71 —08 E	8.98	S 76 —13 E	11.21	S 72 —01 E	11.41	S 62 —05 E	11.57	S 58 —56 E	10.58	S 64 —14 E	8
9 ...	13.07	S 77 —43 E	11.37	S 83 —17 E	10.61	S 86 —52 E	14.07	S 73 —31 E	15.03	S 64 —55 E	14.81	S 60 —29 E	13.24	S 63 —32 E	9
10 ...	13.35	S 82 —13 E	11.50	S 88 —57 E	10.85	N 88 —06 E	14.94	S 75 —35 E	16.59	S 67 —11 E	17.54	S 62 —27 E	14.77	S 72 —45 E	10
11 ...	13.79	S 89 —03 E	11.85	N 89 —45 E	10.38	N 79 —27 E	14.46	S 78 —43 E	16.99	S 66 —15 E	18.14	S 64 —32 E	15.29	S 74 —48 E	11
12 ...	13.51	S 89 —27 E	11.37	N 88 —29 E	10.37	N 76 —34 E	14.71	S 77 —14 E	16.96	S 67 —39 E	18.32	S 65 —48 E	15.93	S 72 —33 E	12
13 ...	13.42	S 88 —59 F	12.21	S 87 —56 E	9.63	N 78 —19 E	14.50	S 79 —55 E	17.26	S 70 —11 E	18.30	S 63 —14 E	15.75	S 70 —59 E	13
14 ...	13.27	N 89 —47 E	11.00	S 86 —15 E	10.18	N 78 —09 E	15.12	S 79 —26 E	16.79	S 71 —51 E	18.27	S 66 —15 E	15.35	S 74 —33 E	14
15 ...	12.80	S 87 —30 E	10.64	S 85 —12 E	9.63	N 83 —12 E	14.28	S 77 —38 E	16.23	S 66 —33 E	17.52	S 62 —34 E	14.87	S 75 —33 E	15
16 ...	12.75	S 86 —38 E	10.97	S 80 —11 E	9.98	N 88 —58 E	13.75	S 76 —40 E	14.96	S 64 —12 E	16.87	S 63 —27 E	14.28	S 67 —45 E	16
17 ...	12.67	S 75 —25 E	11.07	S 75 —31 E	9.63	S 82 —54 E	12.17	S 73 —59 E	12.18	S 61 —59 E	13.58	S 60 —17 E	11.77	S 66 —59 E	17
18 ...	11.93	S 70 —03 E	10.12	S 75 —45 E	8.84	S 81 —13 E	10.00	S 71 —49 E	10.76	S 58 —53 E	11.01	S 60 —30 E	10.98	S 64 —29 E	18
19 ...	8.88	S 65 —27 E	7.80	S 69 —45 E	6.81	S 75 —33 E	9.37	S 70 —02 E	10.38	S 62 —51 E	10.52	S 59 —00 E	10.56	S 65 —18 E	19
20 ...	8.02	S 64 —56 E	7.21	S 69 —48 E	6.88	S 72 —29 E	9.20	S 68 —47 E	10.73	S 58 —26 E	10.47	S 56 —34 E	10.53	S 63 —22 E	20
21 ...	7.51	S 66 —02 E	7.41	S 67 —58 E	6.91	S 72 —08 E	9.47	S 74 —42 E	10.32	S 58 —38 E	9.68	S 58 —00 E	10.71	S 65 —34 E	21
22 ...	7.38	S 66 —21 E	7.21	S 67 —14 E	6.79	S 69 —56 E	9.35	S 69 —15 E	9.21	S 57 —30 E	10.09	S 59 —10 E	10.18	S 64 —19 E	22
23 ...	7.15	S 65 —13 E	7.41	S 66 —08 E	6.96	S 72 —26 E	9.42	S 68 —04 E	8.80	S 58 —11 E	10.59	S 59 —51 E	10.21	S 62 —05 E	23
24 ...	6.82	S 64 —04 E	7.04	S 65 —41 E	6.48	S 72 —29 E	9.35	S 69 —00 E	9.19	S 59 —07 E	9.30	S 58 —13 E	10.12	S 63 —43 E	24
Means...	9.71	S 75°—23'E	8.69	S 76°—33'E	7.84	S 82°—58 E	11.06	S 72°—52'E	11.89	S 63°—18'E	12.42	S 60°—39'E	11.43	S 66°—19'E	Means.

TABLE XVII—(Continued.)

COMPUTED MEAN HOURLY AND MONTHLY DIRECTION AND VELOCITY OF THE WIND IN 1886.

Months.	August.		September.		October.		November.		December.		Mean for the year.		Variations.		Months.
Hours.	Velocity in miles per hour.	Direction.	Velocity in miles per hour.	Direction.	Velocity in miles per hour.	Direction.	Velocity in miles per hour.	Direction.	Velocity in miles per hour.	Direction.	Velocity in miles per hour.	Direction.	+ = Above — = Below Mean Velocity.	N=North S=South of Mean Direction.	Hours.
1	8.06	S 54°—20'E	7.54	S 62°—05'E	8.59	S 71°—41'E	7.47	S 79°—21'E	2.91	S 72°—11'E	7.50	S 65°—45'E	— 2.45	S 8°—20'	1
2	7.94	S 53 —17 E	7.38	S 62 —30 E	8.56	S 71 —45 E	7.88	S 73 —56 E	3.20	S 80 —39 E	7.60	S 65 —31 E	— 2.35	S 8 —34	2
3	8.48	S 53 —32 E	7.25	S 65 —08 E	8.11	S 73 —18 E	7.19	S 75 —30 E	3.58	S 75 —37 E	7.22	S 64 —51 E	— 2.73	S 9 —14	3
4	8.64	S 54 —34 S	7.17	S 59 —06 E	7.82	S 72 —13 E	7.23	S 73 —22 E	3.47	S 74 —58 E	7.28	S 63 —13 E	— 2.67	S 10 —52	4
5	8.28	S 53 —18 E	7.57	S 58 —23 E	8.46	S 73 —48 E	8.15	S 73 —50 E	3.95	S 73 —41 E	7.49	S 62 —55 E	— 2.46	S 11 —10	5
6	8.16	S 55 —26 E	7.80	S 62 —56 E	9.11	S 75 —58 E	7.96	S 72 —14 E	3.44	S 81 —49 E	7.51	S 64 —07 E	— 2.44	S 9 —58	6
7	8.23	S 56 —51 E	8.29	S 63 —11 E	11.34	S 81 —26 E	10.32	S 77 —11 E	4.67	S 81 —52 E	8.16	S 66 —50 E	— 1.79	S 7 —15	7
8	10.21	S 62 —09 E	13.24	S 67 —46 E	16.31	S 85 —24 E	13.04	S 87 —40 E	7.10	N 78 —08 E	11.04	S 72 —53 E	+ 1.09	S 1 —12	8
9	13.13	S 64 —34 E	14.88	S 72 —14 E	17.22	S 88 —14 E	14.32	N 83 —45 E	8.43	N 68 —44 E	12.97	S 77 —16 E	+ 3.02	N 3 —11	9
10	13.55	S 69 —04 E	16.21	S 78 —15 E	18.26	N 84 —43 E	15.09	N 83 —34 E	9.41	N 55 —44 E	13.85	S 81 —47 E	+ 3.90	N 7 —42	10
11	13.01	S 74 —45 E	16.29	S 79 —49 E	17.59	N 83 —40 E	15.00	N 81 —59 E	9.30	N 53 —13 E	13.83	S 84 —19 E	+ 3.88	N 10 —14	11
12	13.29	S 79 —46 E	15.37	S 76 —50 E	18.17	N 83 —39 E	15.12	N 81 —13 E	9.53	N 46 —06 E	13.79	S 85 —03 E	+ 3.84	N 10 —58	12
13	12.76	S 80 —02 E	14.04	S 79 —29 E	17.65	N 83 —02 E	14.64	N 81 —48 E	8.75	N 44 —21 E	13.50	S 84 —46 E	+ 3.55	N 10 —41	13
14	13.23	S 77 —29 E	14.31	S 78 —33 E	17.58	N 87 —14 E	15.52	N 83 —36 E	8.25	N 52 —59 E	13.66	S 84 —20 E	+ 3.71	N 10 —15	14
15	12.09	S 72 —31 E	13.74	S 77 —03 E	16.52	S 87 —11 E	14.66	N 87 —39 E	5.39	N 52 —37 E	12.84	S 80 —35 E	+ 2.89	N 6 —30	15
16	12.04	S 70 —32 E	13.89	S 76 —48 E	17.30	S 85 —15 E	14.67	S 86 —20 E	3.91	N 56 —28 E	12.67	S 77 —42 E	+ 2.75	N 3 —37	16
17	11.05	S 71 —39 E	13.15	S 72 —34 E	15.79	S 83 —25 E	13.58	S 89 —22 F	3.56	N 81 —55 E	11.53	S 74 —43 E	+ 1.58	N 0 —38	17
18	9.52	S 60 —54 E	11.45	S 65 —59 E	13.39	S 80 —01 E	11.95	S 84 —06 E	3.58	N 82 —27 E	10.15	S 71 —23 E	+ 0.20	S 2 —42	18
19	7.94	S 61 —30 E	8.87	S 63 —47 E	10.63	S 80 —41 E	9.74	S 80 —33 E	3.83	N 89 —51 E	8.69	S 69 —19 E	— 1.26	S 4 —46	19
20	7.17	S 57 —08 E	8.72	S 63 —40 E	9.51	S 78 —10 E	8.74	S 77 —51 E	2.93	S 82 —34 E	8.27	S 66 —38 E	— 1.68	S 7 —27	20
21	6.92	S 60 —28 E	8.76	S 65 —01 E	8.97	S 77 —03 E	8.07	S 80 —09 E	2.20	S 78 —29 E	8.01	S 67 —47 E	— 1.94	S 6 —18	21
22	6.75	S 60 —44 E	8.56	S 65 —17 E	9.51	S 77 —33 E	7.67	S 78 —43 E	2.35	S 78 —44 E	7.86	S 67 —01 E	— 2.09	S 7 —04	22
23	7.74	S 58 —54 E	7.93	S 64 —13 E	9.44	S 77 —20 E	7.60	S 79 —28 E	2.48	S 76 —28 E	7.91	S 66 —33 E	— 2.04	S 7 —32	23
24	7.62	S 56 —07 E	7.25	S 67 —47 E	9.67	S 75 —56 E	7.31	S 78 —34 E	2.57	S 71 —08 E	7.67	S 66 —25 E	— 2.28	S 7 —40	24
Means...	9.70	S 65°—04'E	10.74	S 70°—35'E	12.59	S 84°—43'E	10.82	S 86°—49'E	4.56	N 73°—19'E	9.95	S 74°—05'E			Means.

TABLE XVIII

MEAN DAILY AND MONTHLY NORTH AND EAST COMPONENTS OF THE WIND IN 1886.

Months.	January.		February.		March.		April.		May.		June.		Months.
Days.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	Days.
1st	+ 2.44	— 1.74	+ 5.22	+ 6.36	— 5.27	+ 10.24	— 2.27	+ 9.87	— 3.07	+ 12.30	— 5.61	+ 4.10	1st
2nd	+ 2.94	+ 2.20	+ 4.06	+ 6.17	— 5.31	+ 6.65	— 4.51	+ 10.52	— 2.17	+ 14.66	— 8.47	+ 8.18	2nd
3rd	+ 0.84	+ 5.97	+ 0.09	+ 6.06	— 0.97	+ 1.77	— 1.77	+ 12.25	— 0.46	+ 16.60	—10.64	+ 13.99	3rd
4th	— 0.27	+ 8.49	+ 0.13	+ 8.03	— 1.09	+ 7.57	— 1.61	+ 17.41	+ 0.69	+ 11.44	— 6.74	+ 16.40	4th
5th	— 0.42	+ 10.72	— 0.35	+ 9.45	— 0.34	+ 6.92	— 2.15	+ 19.87	— 1.05	+ 3.74	— 2.25	+ 14.16	5th
6th	— 0.92	+ 9.36	— 0.14	+ 7.86	— 0.68	+ 8.57	+ 1.00	+ 15.82	—10.09	+ 6.14	— 3.17	+ 9.41	6th
7th	— 1.30	+ 11.33	+ 0.63	+ 8.02	— 1.77	+ 8.86	+ 1.63	+ 13.19	— 9.51	+ 5.52	— 4.58	+ 5.03	7th
8th	+ 0.41	+ 11.35	+ 0.95	+ 7.00	— 2.01	+ 10.54	+ 3.12	+ 11.02	— 6.85	+ 8.95	— 8.58	+ 5.55	8th
9th	— 3.90	+ 11.27	— 4.28	+ 4.68	+ 2.00	+ 10.95	+ 4.06	+ 8.53	— 7.48	+ 9.94	— 8.19	+ 8.69	9th
10th	— 1.76	+ 12.63	— 4.54	+ 7.14	+ 2.20	+ 8.47	+ 3.49	+ 9.77	— 5.65	+ 13.28	—10.48	+ 12.36	10th
11th	+ 0.35	+ 11.15	— 3.88	+ 8.08	+ 4.78	+ 9.07	+ 7.59	+ 12.67	— 3.90	+ 13.72	— 5.47	+ 10.77	11th
12th	— 1.74	+ 10.00	— 2.42	+ 3.48	+ 5.26	+ 7.64	+ 3.94	+ 12.34	— 5.36	+ 16.39	— 5.51	+ 14.18	12th
13th	— 4.65	+ 11.79	— 3.70	+ 3.22	+ 5.53	+ 7.97	+ 2.04	+ 3.16	— 3.24	+ 13.47	— 6.52	+ 14.75	13th
14th	— 5.00	+ 12.64	— 5.32	+ 11.55	+ 1.88	+ 12.35	+ 0.92	+ 7.05	— 3.94	+ 8.97	— 3.42	+ 12.30	14th
15th	— 4.81	+ 11.93	— 8.60	+ 13.27	— 0.81	+ 15.90	— 7.15	+ 4.45	— 4.53	+ 7.81	— 3.11	+ 8.17	15th
16th	— 5.15	+ 11.08	— 7.63	+ 8.31	+ 1.07	+ 14.32	—17.57	+ 8.24	— 4.66	+ 9.14	— 7.03	+ 8.91	16th
17th	— 3.12	+ 12.20	+ 3.47	— 3.85	— 0.65	+ 12.06	—14.52	+ 1.30	— 3.87	+ 8.95	— 5.60	+ 9.80	17th
18th	— 1.85	+ 10.66	— 0.57	+ 3.73	— 1.42	+ 10.96	— 9.95	+ 1.34	— 6.65	+ 7.86	— 6.32	+ 7.55	18th
19th	— 4.94	+ 7.51	— 2.32	+ 12.89	— 0.65	+ 8.11	— 9.41	+ 6.40	— 6.57	+ 10.07	— 7.46	+ 5.70	19th
20th	— 2.96	+ 1.15	— 2.12	+ 11.12	— 3.72	+ 7.47	— 7.52	+ 7.89	— 6.87	+ 12.46	— 7.96	+ 8.82	20th
21st	— 4.00	+ 7.14	— 1.57	+ 8.84	— 3.01	+ 2.67	— 5.47	+ 8.73	— 7.27	+ 7.87	— 6.00	+ 13.10	21st
22nd	— 5.95	+ 10.91	— 1.41	+ 8.05	— 1.19	+ 8.76	— 5.28	+ 11.86	— 9.10	+ 10.22	— 6.04	+ 11.95	22nd
23rd	— 6.71	+ 11.99	— 2.74	+ 10.88	— 0.70	+ 7.78	— 6.51	+ 12.41	— 7.75	+ 12.53	— 6.73	+ 13.24	23rd
24th	— 6.94	+ 12.42	— 4.78	+ 15.87	+ 0.37	+ 7.72	— 8.06	+ 14.28	— 6.28	+ 12.05	— 4.62	+ 9.61	24th
25th	— 5.27	+ 10.54	— 3.76	+ 15.19	+ 0.66	+ 7.26	— 6.15	+ 16.06	— 7.30	+ 10.86	— 5.14	+ 9.67	25th
26th	— 3.39	+ 11.55	— 3.21	+ 13.18	— 1.95	— 1.43	— 2.91	+ 10.71	— 6.82	+ 9.79	— 4.97	+ 9.23	26th
27th	— 2.11	+ 8.78	— 2.75	+ 10.20	— 1.52	+ 2.00	— 1.41	+ 10.23	— 6.61	+ 8.97	— 7.37	+ 13.67	27th
28th	— 3.34	+ 9.18	— 5.05	+ 11.72	— 6.11	+ 3.32	— 3.23	+ 14.57	— 6.86	+ 12.53	— 6.62	+ 18.39	28th
29th	— 4.04	+ 12.02	.....	.....	— 5.43	+ 7.30	— 4.72	+ 12.49	— 4.67	+ 13.32	— 4.00	+ 13.87	29th
30th	— 2.23	+ 9.29	.....	.....	— 3.37	+ 2.07	— 3.36	+ 12.63	— 3.56	+ 11.04	— 4.22	+ 13.47	30th
31st	+ 3.87	+ 5.75	.....	.....	— 5.51	+ 7.85	.....	.....	— 4.15	+ 8.50	.....	.....	31st
Means	— 2.45	+ 9.40	— 2.02	+ 8.45	— 0.96	+ 7.79	— 3.26	+ 10.57	— 5.34	+ 10.62	— 6.09	+ 10.83	Means.

TABLE XVIII.—(*Continued.*)

MEAN DAILY AND MONTHLY NORTH AND EAST COMPONENTS OF THE WIND IN 1886.

Months.	July.		August.		September.		October.		November.		December.		Months.
Days.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	Days.
1st	—7.74	+12.60	—12.76	+11.56	—3.51	+ 5.68	—2.44	+ 8.82	—2.37	+ 9.69	+1.68	+1.21	1st
2nd	—7.35	+18.52	—7.96	+ 8.20	—3.66	+ 2.11	—4.13	+ 9.40	—0.13	+ 8.80	+0.54	—1.33	2nd
3rd	—5.67	+17.22	—7.40	+15.58	—7.63	+ 9.14	—3.17	+10.12	+2.01	+ 6.70	+3.31	+6.43	3rd
4th	—5.77	+14.55	—6.02	+16.07	—8.23	+13.47	—3.69	+11.74	+4.34	+ 2.29	+4.30	+7.93	4th
5th	—4.81	+12.33	—6.61	+14.92	—0.50	+13.99	—3.03	+11.92	—6.52	+ 8.30	+3.26	+6.02	5th
6th	—2.40	+10.73	—4.95	+11.52	+1.83	+10.91	—2.41	+11.27	—7.46	+17.22	—3.01	+4.95	6th
7th	—2.15	+10.02	—1.99	+11.79	+0.48	+ 8.17	—0.50	+11.72	—0.75	+20.44	—1.06	+8.10	7th
8th	—3.09	+ 5.29	—0.66	+ 8.15	—3.03	+ 4.73	+0.03	+14.77	+0.01	+18.19	—0.81	+7.60	8th
9th	—8.37	+ 2.85	—1.48	+ 7.02	—2.02	+ 3.51	—1.37	+16.42	—3.33	+10.84	—0.75	+7.04	9th
10th	—4.52	+ 6.74	—3.45	+ 4.50	—2.77	+11.13	—3.10	+15.67	—2.57	+11.72	—0.09	+4.22	10th
11th	—5.99	+14.13	—7.06	+ 8.57	—5.04	+15.80	—0.97	+19.12	—4.76	+13.15	+1.08	+7.40	11th
12th	—5.92	+15.42	—8.27	+13.43	—5.35	+16.87	—2.77	+17.03	—2.25	+18.38	+5.41	+6.18	12th
13th	—1.92	+12.34	—5.45	+11.46	—4.07	+12.05	—2.99	+16.59	+1.47	+14.92	+1.27	+2.79	13th
14th	—1.53	+ 6.84	—2.44	+ 8.80	—1.14	+ 8.70	—2.71	+17.30	+0.03	+ 9.90	+0.81	+6.54	14th
15th	—2.21	+ 2.14	—1.98	+ 6.29	—4.93	+10.06	—2.55	+12.29	—1.92	+12.65	—1.32	+7.13	15th
16th	—3.91	+ 6.60	—3.87	+ 5.68	—4.57	+11.89	—3.44	+13.67	—0.68	+11.80	—0.94	+4.78	16th
17th	—2.66	+ 8.63	—5.30	+ 8.97	—3.21	+15.13	—0.97	+15.32	—2.09	+10.06	—2.66	—0.97	17th
18th	—2.01	+ 7.12	—3.88	+10.15	—2.39	+14.33	+0.81	+14.62	—3.44	+ 9.81	—0.79	+3.58	18th
19th	—1.49	+ 7.26	—1.39	+ 7.73	—3.22	+13.44	+0.40	+11.03	—2.57	+10.07	+3.51	+9.41	19th
20th	—6.88	+10.28	+3.01	+ 6.88	—3.80	+13.60	+0.42	+12.01	—0.55	+12.84	+3.41	+8.92	20th
21st	—6.03	+19.80	+5.16	+ 2.34	—3.15	+ 8.25	—1.70	+ 9.09	+1.21	+14.14	+2.60	+8.62	21st
22nd	—6.36	+16.01	+0.90	— 1.02	—3.32	+11.00	—2.52	+ 8.34	—2.31	+ 7.69	—0.17	+8.76	22nd
23rd	—6.19	+12.54	—8.55	+ 7.39	—5.07	+ 7.76	—2.09	+11.35	+2.02	+ 8.25	+1.15	+9.32	23rd
24th	—4.62	+11.52	—6.16	+12.22	—6.16	+10.25	+0.07	+12.62	+1.75	+ 8.06	—1.15	+5.11	24th
25th	—5.52	+12.81	—1.97	+ 8.51	—5.12	+11.59	+2.08	+12.44	+1.28	+ 6.92	—0.93	—0.75	25th
26th	—5.61	+12.71	—4.58	+ 0.91	—3.28	+ 9.70	+2.12	+11.62	+2.00	+ 8.43	+1.65	—4.44	26th
27th	—4.18	+ 8.07	—7.33	+ 7.62	+0.84	+ 9.83	+3.25	+10.66	+1.88	+ 9.21	+4.19	—4.78	27th
28th	—0.17	+ 6.85	—5.65	+ 8.98	—3.17	+ 2.53	+2.69	+ 9.13	+1.76	+ 8.68	+5.39	—3.06	28th
29th	+2.73	+ 4.65	—3.52	+11.20	—8.15	+ 8.30	+1.00	+10.13	+2.43	+ 8.85	+5.84	—1.95	29th
30th	—6.30	+ 7.15	—2.85	+ 9.81	—3.74	+ 9.93	—1.03	+12.08	+3.56	+ 6.07	+4.03	+5.70	30th
31st	—11.05	+12.37	—2.18	+ 7.61	.....	.....	—1.30	+10.42	.....	.....	+0.95	+4.97	31st
Means... ..	—4.50	+10.51	—4.09	+8.80	+3.57	+10.13	—1.16	+12.54	—0.60	+10.80	+1.31	+4.37	Means.

TABLE XIX

COMPUTED MEAN DAILY AND MONTHLY DIRECTION AND VELOCITY OF THE WIND IN 1886.

Months.	January.		February.		March.		April.		May.		June.		Months.
Days.	Velocity in miles per hour.	Direction.	Velocity in miles per hour.	Direction.	Velocity in miles per hour.	Direction.	Velocity in miles per hour.	Direction.	Velocity in miles per hour.	Direction.	Velocity in miles per hour.	Direction.	Days.
1st	3.00	N 35°—30'W	8.23	N 50°—37'E	11.52	S 62°—46'E	10.13	S 77°—03'E	12.67	S 75°—59'E	6.95	S 36°—10'E	1st
2nd... ...	3.67	N 36 —48 E	7.38	N 56 —39 E	8.51	S 51 —24 E	11.45	S 66 —48 E	14.82	S 81 —35 E	11.77	S 44 —00 E	2nd
3rd... ...	6.03	N 81 —59 E	6.06	N 89 —09 E	2.02	S 61 —17 E	12.38	S 81 —47 E	16.61	S 88 —25 E	17.58	S 52 —45 E	3rd
4th... ...	8.49	S 88 —11 E	8.03	N 89 —04 E	7.65	S 81 —48 E	17.48	S 84 —43 E	11.46	N 86 —33 E	17.73	S 67 —40 E	4th
5th... ...	10.73	S 87 —45 E	9.46	S 87 —53 E	6.93	S 87 —11 E	19.98	S 83 —49 E	3.88	S 74 —19 E	14.34	S 80 —58 E	5th
6th... ...	9.40	S 84 —23 E	7.86	S 88 —59 E	8.59	S 85 —48 E	15.85	N 86 —23 E	11.81	S 31 —19 E	9.03	S 71 —23 E	6th
7th... ...	11.40	S 83 —27 E	8.04	N 85 —31 E	9.03	S 78 —42 E	13.29	N 82 —57 E	11.00	S 30 —08 E	6.80	S 47 —41 E	7th
8th... ...	11.36	N 87 —56 E	7.06	N 82 —16 E	10.73	S 79 —12 E	11.46	N 74 —12 E	11.27	S 52 —34 E	10.22	S 32 —54 E	8th
9th... ...	11.93	S 70 —55 E	6.34	S 47 —33 E	11.13	N 79 —39 E	9.45	N 64 —33 E	12.44	S 53 —02 E	11.94	S 46 —42 E	9th
10th... ...	12.75	S 82 —04 E	8.46	S 57 —33 E	8.75	N 75 —26 E	10.37	N 70 —21 E	14.43	S 66 —57 E	16.20	S 49 —42 E	10th
11th... ...	11.16	N 88 —12 E	8.96	S 64 —21 E	10.25	N 62 —13 E	14.77	N 59 —05 E	14.26	S 74 —08 E	12.08	S 63 —04 E	11th
12th... ...	10.15	S 80 —08 E	4.24	S 55 —11 E	9.27	N 55 —27 E	12.95	N 72 —18 E	17.24	S 71 —53 E	15.21	S 68 —46 E	12th
13th... ...	12.67	S 68 —29 E	4.90	S 41 —02 E	9.70	N 55 —15 E	3.76	N 57 —09 E	13.85	S 76 —29 E	16.12	S 66 —09 E	13th
14th... ...	13.59	S 68 —25 E	12.71	S 65 —16 E	12.49	N 81 —21 E	7.11	N 82 —34 E	9.80	S 66 —17 E	12.77	S 74 —28 E	14th
15th... ...	12.86	S 68 —02 E	15.81	S 57 —03 E	15.92	S 87 —05 E	8.42	S 31 —54 E	9.03	S 59 —53 E	8.75	S 69 —10 E	15th
16th... ...	12.22	S 65 —04 E	11.28	S 47 —27 E	14.36	N 85 —44 E	19.41	S 25 —08 E	10.26	S 62 —59 E	11.35	S 51 —44 E	16th
17th... ...	12.59	S 75 —39 E	5.18	N 47 —58 W	12.08	S 86 —55 E	14.58	S 5 —07 E	9.75	S 66 —37 E	11.29	S 60 —15 E	17th
18th... ...	10.82	S 80 —09 E	3.77	S 81 —19 E	11.05	S 82 —37 E	10.04	S 7 —40 E	10.30	S 49 —46 E	9.85	S 50 —04 E	18th
19th... ...	8.99	S 56 —40 E	13.10	S 79 —48 E	8.13	S 85 —25 E	11.38	S 34 —13 E	12.02	S 56 —53 E	9.39	S 37 —23 E	19th
20th... ...	3.18	S 21 —14 E	11.32	S 79 —12 E	8.34	S 63 —32 E	10.90	S 46 —23 E	14.23	S 61 —08 E	11.88	S 47 —56 E	20th
21st... ...	8.18	S 60 —44 E	8.98	S 79 —56 E	4.02	S 41 —34 E	10.30	S 57 —56 E	10.71	S 47 —16 E	14.41	S 65 —23 E	21st
22nd. ...	12.43	S 61 —24 E	8.17	S 80 —04 E	8.84	S 82 —16 E	12.98	S 66 —00 E	13.68	S 48 —19 E	13.39	S 63 —11 E	22nd
23rd... ...	13.74	S 60 —46 E	11.22	S 75 —52 E	7.81	S 84 —52 E	14.01	S 62 —19 E	14.73	S 58 —16 E	14.85	S 63 —03 E	23rd
24th... ...	14.23	S 60 —48 E	16.57	S 73 —14 E	7.73	N 87 —15 E	16.40	S 60 —34 E	13.59	S 62 —28 E	10.66	S 64 —19 E	24th
25th... ...	11.77	S 63 —24 E	15.65	S 76 —06 E	7.29	N 84 —48 E	17.20	S 69 —03 E	13.09	S 56 —05 E	10.95	S 62 —00 E	25th
26th... ...	12.04	S 73 —39 E	13.57	S 76 —19 E	2.42	S 36 —15 W	11.10	S 74 —48 E	11.93	S 55 —08 E	10.48	S 61 —42 E	26th
27th... ...	9.03	S 76 —29 E	10.56	S 74 —55 E	2.51	S 52 —46 E	10.33	S 82 —09 E	11.14	S 53 —37 E	15.53	S 61 —40 E	27th
28th... ...	9.77	S 70 —00 E	12.76	S 66 —41 E	6.95	S 28 —31 E	14.92	S 77 —30 E	14.28	S 61 —18 E	19.54	S 70 —12 E	28th
29th... ...	12.68	S 71 —25 E	.....	.....	9.10	S 53 —21 E	13.35	S 69 —18 E	14.12	S 70 —41 E	14.44	S 73 —55 E	29th
30th... ...	9.55	S 76 —30 E	.....	.....	3.95	S 31 —34 E	13.07	S 75 —06 E	11.60	S 72 —08 E	14.11	S 72 —36 E	30th
31st... ...	6.93	N 56 —03 E	.....	.....	9.59	S 54 —56 E	.....	.....	9.46	S 63 —59 E	.....	.....	31st
Means. ...	9.71	S 75°—23'E	8.69	S 76°—33'E	7.84	S 82°—58'E	11.06	S 72°—52'E	11.89	S 63°—18'E	12.42	S 60°—39'E	Means.

TABLE XIX.—(Continued.)

COMPUTED MEAN DAILY AND MONTHLY DIRECTION AND VELOCITY OF THE WIND IN 1886.

Months.	July.		August.		September.		October.		November.		December.		Months.
Days.	Velocity in miles per hour.	Direction.	Velocity in miles per hour.	Direction.	Velocity in miles per hour.	Direction.	Velocity in miles per hour.	Direction.	Velocity in miles per hour.	Direction.	Velocity in miles per hour.	Direction.	Days.
1st ...	14.79	S 58°—26'E	17.22	S 42°—11'E	6.68	S 58°—17'E	9.15	S 74°—32'E	9.97	S 76°—15'E	2.07	N 35°—46'E	1st
2nd ...	19.92	S 68 —21 E	11.43	S 45 —51 E	4.22	S 29 —58 E	10.27	S 66 —17 E	8.80	S 89 —09 E	1.43	N 67 —54 W	2nd
3rd ...	18.13	S 71 —47 E	17.25	S 64 —36 E	11.91	S 50 —09 E	10.64	S 72 —36 E	6.99	N 73 —18 E	7.23	N 62 —46 E	3rd
4th ...	15.65	S 68 —22 E	17.16	S 69 —28 E	15.78	S 58 —35 E	12.31	S 72 —33 E	4.91	N 27 —39 E	9.02	N 61 —32 E	4th
5th ...	13.23	S 68 —41 E	16.32	S 66 —06 E	14.00	S 87 —57 E	12.30	S 75 —44 E	10.55	S 51 —51 E	6.85	N 61 —34 E	5th
6th ...	11.00	S 77 —24 E	12.53	S 66 —45 E	11.06	N 80 —29 E	11.52	S 77 —56 E	18.77	S 66 —35 E	5.79	S 58 —42 E	6th
7th ...	10.25	S 77 —53 E	11.96	S 80 —25 E	8.18	N 86 —38 E	11.73	S 87 —33 E	20.45	S 87 —54 E	8.17	S 82 —33 E	7th
8th ...	6.13	S 59 —43 E	8.18	S 85 —22 E	5.62	S 57 —21 E	14.77	N 89 —53 E	18.19	N 89 —59 E	7.64	S 83 —55 E	8th
9th ...	8.84	S 18 —48 E	7.17	S 78 —06 E	4.05	S 60 —05 E	16.48	S 85 —14 E	11.34	S 72 —55 E	7.08	S 83 —55 E	9th
10th ...	8.11	S 56 —09 E	5.67	S 52 —31 E	11.47	S 76 —01 E	15.97	S 78 —49 E	12.00	S 77 —38 E	4.22	S 88 —47 E	10th
11th ...	15.35	S 67 —02 E	11.10	S 50 —31 E	16.58	S 72 —18 E	19.14	S 87 —06 E	13.98	S 70 —06 E	7.48	N 81 —42 E	11th
12th ...	16.52	S 69 —00 E	15.77	S 58 —23 E	17.70	S 72 —24 E	17.25	S 80 —46 E	18.52	S 83 —01 E	8.21	N 48 —48 E	12th
13th ...	12.49	S 81 —09 E	12.69	S 64 —34 E	12.72	S 71 —20 E	16.86	S 79 —47 E	14.99	N 84 —22 E	3.06	N 65 —32 E	13th
14th ...	7.01	S 77 —23 E	9.13	S 74 —30 E	8.77	S 82 —32 E	17.51	S 81 —06 E	9.90	N 89 —50 E	6.59	N 82 —56 E	14th
15th ...	3.08	S 44 —05 E	6.59	S 72 —32 E	11.20	S 63 —54 E	12.55	S 78 —17 E	12.79	S 81 —22 E	7.25	S 79 —31 E	15th
16th ...	7.67	S 59 —21 E	6.87	S 55 —44 E	12.74	S 68 —59 E	14.10	S 75 —53 E	11.82	S 86 —42 E	4.87	S 78 —52 E	16th
17th ...	9.03	S 72 —52 E	10.42	S 59 —25 E	15.47	S 78 —01 E	15.35	S 86 —23 E	10.27	S 78 —16 E	2.88	S 20 —02 W	17th
18th ...	7.40	S 74 —14 E	10.87	S 69 —05 E	14.53	S 80 —32 E	14.64	N 86 —50 E	10.40	S 70 —41 E	3.67	S 77 —33 E	18th
19th ...	7.41	S 78 —24 E	7.85	S 79 —48 E	13.82	S 76 —32 E	11.04	N 87 —55 E	10.39	S 75 —41 E	10.04	N 69 —33 E	19th
20th ...	12.37	S 56 —12 E	7.51	N 66 —22 E	14.12	S 74 —23 E	12.02	N 88 —00 E	12.85	S 87 —33 E	9.55	N 69 —05 E	20th
21st ...	20.70	S 73 —04 E	5.67	N 24 —24 E	8.83	S 69 —06 E	9.25	S 79 —24 E	14.19	N 85 —07 E	9.00	N 73 —13 E	21st
22nd ...	17.23	S 68 —20 E	1.36	N 48 —35 W	11.49	S 73 —12 E	8.71	S 73 —11 E	8.03	S 73 —17 E	8.76	S 88 —53 E	22nd
23rd ...	13.99	S 63 —44 E	11.30	S 40 —50 E	9.27	S 56 —50 E	11.54	S 79 —34 E	8.49	N 76 —15 E	9.39	N 82 —58 E	23rd
24th ...	12.41	S 68 —09 E	13.69	S 63 —15 E	11.96	S 59 —00 E	12.62	N 89 —41 E	8.25	N 77 —45 E	5.24	S 77 —19 E	24th
25th ...	13.95	S 66 —41 E	8.73	S 76 —58 E	12.67	S 66 —10 E	12.61	N 80 —30 E	7.04	N 79 —31 E	1.19	S 38 —53 W	25th
26th ...	13.89	S 66 —11 E	4.67	S 11 —14 E	10.24	S 71 —19 E	11.81	N 79 —40 E	8.66	N 76 —39 E	4.74	N 69 —37 W	26th
27th ...	9.09	S 62 —37 E	10.57	S 46 —07 E	9.87	N 85 —07 E	11.14	N 73 —03 E	9.40	N 78 —28 E	6.35	N 48 —46 W	27th
28th ...	6.85	S 88 —35 E	10.61	S 57 —49 E	4.06	S 38 —36 E	9.52	N 73 —35 E	8.86	N 78 —32 E	6.20	N 29 —35 W	28th
29th ...	5.39	N 59 —35 E	11.74	S 72 —33 E	11.63	S 45 —31 E	10.18	N 84 —22 E	9.18	N 74 —39 E	6.16	N 18 —28 W	29th
30th ...	9.53	S 48 —37 E	10.21	S 73 —48 E	10.61	S 69 —22 E	12.12	S 85 —08 E	7.04	N 59 —37 E	6.98	N 54 —44 E	30th
31st ...	16.59	S 48 —14 E	7.92	S 74 —01 E	.....	.....	10.50	S 82 —53 E	.....	.....	5.06	N 79 —11 E	31st
Means ...	11.43	S 66°—49'E	9.70	S 65°—04'E	10.74	S 70°—35'E	12.59	S 84°—43'E	10.82	S 86°—49'E	4.56	N 73°—19'E	Means.

TABLE XX

1876—1886.

MEAN MONTHLY NORTH AND EAST COMPONENTS OF THE WIND.

Months.	Monthly Means.		Deviation from Mean of Year.	
	N.	E.	N.	E.
January	+ 0.03	+ 8.69	+ 2.56	— 0.64
February.....	— 1.72	+ 8.46	+ 0.81	— 0.87
March	— 1.37	+ 7.62	+ 1.16	— 1.71
April	— 3.07	+ 8.75	— 0.54	— 0.58
May	— 3.94	+ 8.57	— 1.41	— 0.76
June	— 5.15	+ 9.58	— 2.62	+ 0.23
July	— 4.87	+ 10.39	— 2.34	+ 1.06
August	— 4.03	+ 10.64	— 1.50	+ 1.31
September...	— 3.39	+ 10.54	— 0.86	+ 1.21
October	— 2.12	+ 10.21	+ 0.41	+ 0.88
November	— 1.02	+ 9.52	+ 1.51	+ 0.19
December	+ 0.31	+ 9.05	+ 2.84	— 0.28
Means	— 2.53	+ 9.33		

TABLE XXI

1876—1886.

COMPUTED MEAN MONTHLY DIRECTION AND VELOCITY OF THE WIND.

Months.	1876—1886. Monthly Means. Velocity. Miles per hour.	1876—1886. Monthly Means. Direction.	1886. Monthly Means. Velocity. Miles per hour.	1886. Monthly Means. Direction.	1886. Deviation from Average. Velocity + = Above. — = Below.	1886. Deviation from Average. Direction. N = North. S = South.
January	8.69	N 89° —48'E	9.71	S 75° —23'E	+ 1.02	S 14° — 49'
February	8.63	S 78 —30 E	8.69	S 76 —33 E	+ 0.06	S 1 — 57
March...	7.74	S 79 —48 E	7.84	S 82 —58 E	+ 0.10	N 3 — 10
April	9.27	S 70 —40 E	11.06	S 72 —52 E	+ 1.79	N 2 — 12
May	9.43	S 65 —19 E	11.89	S 63 —18 E	+ 2.46	S 2 — 01
June	10.88	S 61 —44 E	12.42	S 60 —39 E	+ 1.54	S 1 — 05
July	11.47	S 64 —53 E	11.43	S 66 —49 E	— 0.04	N 1 — 56
August	11.38	S 69 —15 E	9.70	S 65 —04 E	— 1.68	S 4 — 11
September	11.07	S 72 —10 E	10.74	S 70 —35 E	— 0.33	S 1 — 35
October	10.43	S 78 —16 E	12.59	S 84 —43 E	+ 2.16	N 6 — 27
November	9.57	S 83 —53 E	10.82	S 86 —49 E	+ 1.25	N 2 — 56
December	9.05	N 88 —02 E	4.56	N 73 —19 E	— 4.49	N 14 — 43
Means...	9.66	S 74° —49'E	9.95	S 74° —05'E	+ 0.29	S 0° — 44'

TABLE XXII

THUNDER AND LIGHTNING.

Months.	Days.	
January ...	8	In evening, lightning at N. Erd. and Nrd.
,, ...	9	In evening, sheet lightning at Nrd.
,, ...	11	In morning, thunder and lightning at Nrd and N. Erd. and in evening lightning at Wrd.
,, ...	22	In evening, lightning at Wrd.
,, ...	23	In afternoon, thunder at E. S. Erd.
,, ...	24	In early morning, thunder at Erd., and at 9, at S. S. Erd. In evening, lightning at N. Wrd.
,, ...	25	In evening, lightning at Wrd.
,, ...	26	Late in afternoon, thunder at S. Wrd. and W. S. Wrd.
February ...	1	In evening and during night, thunder and lightning at S. Wrd., Srd., S. Erd. and Erd.
,, ...	2	Between 11.45 and 16, thunder at S. S. Wrd., S. Wrd. and Wrd.
,, ...	3	In evening, sheet lightning at Wrd.
,, ...	16	At 17.45, 19.25 and 21, distant thunder at Erd. In evening, sheet lightning at Wrd.
,, ...	18	Between 14.23 and 14.30, distant thunder at Erd.
,, ...	19	At 1.30, distant thunder and lightning at N. Erd. Between 2 and 2.35, thunder-storm, with broad and vivid flashes of lightning at Nrd., Erd., overhead, and Wrd. After 3, thunder and lightning at Erd. At 8, thunder at S. Wrd.
,, ...	21	At 12.20. distant thunder at S. Wrd. Between 16.05 and 16.30, much thunder at Wrd. and at 18.54, thunder and lightning at Nrd.
,, ...	22	Between 8.32 and 15.25, thunder at intervals at S. Erd., Erd., S. Wrd., Srd., and W. S. Wrd. Between 18.30 and 20.30, thunder at Srd. In evening, much lightning in all directions.
,, ...	23	In evening, lightning at Wrd., S. Wrd. and S. Erd.
,, ...	28	In evening, lightning all round horizon.
March ...	1	In evening, thunder and lightning at S. S. Erd., and at 20, lightning at S. Wrd.
,, ...	5	Between 14.24 and 17, thunder at Erd., S. S. Wrd., Srd., and S. S. Erd. Between 19 and 20, vivid lightning at Erd. and E. S. Erd., and later on sheet lightning at Wrd.

TABLE XXII—(Continued.)

THUNDER AND LIGHTNING.

Months.	Days.	
March ...	9	In evening, sheet lightning on N. Wern. horizon.
" ...	12	Between 20.30 and 21, distant thunder at S. S. Erd., and during night, lightning at Srd. round to Erd.
" ...	13	In evening lightning at S. S. Erd.
" ...	14	In evening lightning at S. Wrd.
" ...	15	In evening lightning at S. Erd. and Erd.
" ...	16	In evening lightning on W. S. Wern. horizon.
" ...	22	Between 16.20 and 17.10, thunder at S. Wrd., and in evening lightning at Wrd. and S. Wrd.
" ...	23	In evening lightning.
" ...	26	Between 14.15 and 14.45, thunder at S. S. Wrd., Srd., and S. Erd.
April ...	11	Between 3 and 5, thunder at S. Erd.
" ...	13	Between 15 and 16, thunder and lightning at S. S. Erd.
" ...	26	At 2, thunder at Srd. and at 6.50 at Erd.
" ...	28	Between 3 and 6, thunder at S. Erd., Srd. and S. Wrd.
December ...	24	Between 13.09 and 17.10, thunder at intervals at Srd., S. S. Erd. to E. S. Erd., Srd., Wrd., nearly overhead, and at Nrd. Late in evening, sheet lightning at S. Wrd.
" ...	25	Between 12 and 13, thunder at Srd. and S. S. Erd.
" ...	26	In evening lightning at W. S. Wrd., S. Wrd., Srd., and S. Erd.
" ...	30	Between 13 and 14.30, thunder at S. S. Erd.
" ...	31	Between 11 and 13.40, thunder at S. Wrd., Srd, and S. S. Erd. During night, distant thunder at S. Wrd.

TABLE XXIII

MEANS AND EXTREMES OF THE PRINCIPAL METEOROLOGICAL ELEMENTS IN 1886 AND FOR THE PERIOD 1875-86

Elements.	1886.	1875—86.
Mean Atmospheric Pressure (reduced to sea-level)...	30.079 inches	30.081 inches.
Highest ,, ,, ...	30.362 ,, July 22 ...	30.468 ,, June 20, 1877.
Lowest ,, ,, ...	29.715 ,, April 16 ...	29.032 ,, March 21, 1879.
Mean Temperature in Shade ...	73.°4	73.°9.
Highest ,, ...	88.4 Feb. 1 & 11 ...	88.8 January 6, 1878.
Lowest ,, ...	57.7 Aug. 14	54.1 Aug. 22, 1884.
Mean Temperature of Evaporation ...	67.6	68.4.
Highest ,, ...	79.5 Feb. 2 & March 12...	81.3 March 10, 1878.
Lowest ,, ...	53.1 Aug. 2	51.6 Aug. 22, 1884.
Mean Dew Point	63.5	64.6.
Highest ,, ...	76.0 April 13... ...	76.9 February 20, 1876.
Lowest ,, ...	48.0 Aug. 2	46.8 September 5, 1880.
Mean Vapour-Tension	.596 inch	.618 inch.
Highest ,, ...	.895 ,, April 13 ...	.926 ,, February 20, 1876.
Lowest ,, ...	.335 ,, Aug. 2 ...	.320 ,, September 5, 1880.
Mean Relative Humidity	72.0 (Saturation=100) ...	73.4.
Highest ,, ...	92.8 Sept. 26	95.3 December 23, 1881.
Lowest ,, ...	40.0 Sept. 30	38.4 October 31, 1878.
Mean hourly Velocity of Wind ...	11.4 miles	11.6 miles (Mean for 11 years).
Greatest ,,	30.1 ,, April 16 30.2 ,, Oct. 14	80.3 ,, March 21, 1879.
Rainfall	29.74 inches	46.58 inches.
Number of days on which rain fell ...	194	199.
Greatest fall in 24 hours	2.12 inches Dec. 27 ...	11.24 inches, May 7, 1884.
Number of days of thunder and lightning	38	32.

TABLE XXIV

MEAN MONTHLY MAXIMUM AND MINIMUM TEMPERATURE AT FOUR STATIONS IN THE INTERIOR OF THE ISLAND IN 1886.

Districts.	Pamplemousses.		Moka.		Plaines Wilhems.			
Approximate height above sea-level.	Botanical Gardens, 225 feet.		Lynnwood, 1,100 feet.		Beau Séjour, 970 feet.		Nursery Gardens, Curepipe, 1,840 feet.	
Months.	Mean Max:	Mean Min.	Mean Max.	Mean Min.	Mean Max.	Mean Min.	Mean Max.	Mean Min.
	°	°	°	°	°	°	°	°
January	87.7	71.1	.....	.....	82.0	72.6	79.1	66.8
February	88.5	72.6	.....	.....	82.3	73.0	79.5	68.1
March	86.4	71.9	.....	.....	82.3	72.7	79.4	66.5
April	83.2	71.1	.....	.....	79.5	71.1	76.4	64.9
May	78.7	64.4	.....	.....	75.5	65.7	70.2	60.4
June	76.6	62.8	71.3	62.2	73.3	64.1	68.0	57.4
July	75.2	59.4	70.6	60.2	72.1	61.6	68.4	56.0
August	76.7	58.8	69.2	60.9	72.7	61.3	68.7	53.3
September...	80.3	60.9	70.7	61.9	73.3	62.7	68.2	56.6
October	81.3	62.9	73.8	62.5	74.8	64.5	70.1	58.4
November...	83.2	65.0	75.7	64.8	75.9	66.5	71.7	60.3
December...	86.1	67.1	79.0	67.9	78.2	69.0	77.6	62.5
Means	82.0	65.7	.....	.....	76.8	67.1	73.1	60.9

TABLE XXV.

ABSOLUTE MINIMUM AND MAXIMUM TEMPERATURE AT THE SAME FOUR STATIONS IN 1886.

Districts.	Pamplemousses.		Moka.		Plaines Wilhems.			
	Botanical Gardens.		Lynnwood.		Beau Séjour.		Nursery Gardens, Curepipe.	
Months.	Absolute Max.	Absolute Min.	Absolute Max.	Absolute Min.	Absolute Max.	Absolute Min.	Absolute Max.	Absolute Min.
	°	°	°	°	°	°	°	°
January	89.6	66.0	.....	.....	84.0	69.0	85.0	62.0
February	92.0	70.8	.....	.....	85.0	70.0	86.0	60.0
March	89.2	68.0	.....	.....	85.0	69.0	81.0	60.0
April	86.0	61.0	.....	.....	84.0	64.0	81.0	60.0
May	84.0	60.9	.....	.....	80.0	60.0	81.0	58.0
June	79.4	59.9	73.0	58.0	76.0	61.0	72.0	51.0
July	78.0	55.0	75.0	57.0	75.0	58.0	72.0	50.0
August	84.2	59.8	72.0	57.0	76.0	57.0	74.0	47.0
September	86.4	56.8	73.0	59.0	76.0	60.0	72.0	53.0
October	86.2	55.0	78.0	59.0	78.0	60.0	75.0	55.0
November...	87.2	63.0	81.0	62.0	80.0	63.0	79.0	58.0
December...	88.8	62.4	83.0	63.0	81.0	64.0	80.0	53.0
Means	85.9	61.5 ~~50.0~~	.....	.....	80.0	62.9	79.2	55.6

TABLE XXVI

SHOWING THE AMOUNT OF RAINFALL AND THE NUMBER OF DAYS ON WHICH RAIN FELL AT VARIOUS STATIONS IN MAURITIUS IN 1886.

Months.	FLACQ.									
	Rigny. Dr. Bouchet.		Union. Ed. Carosin.		L'Etoile. E. de la Hogue.		Sans Souci. F. Montocchio.		Sébastopol. Jules Rondeaux.	
	Inches.	Days.	Inches.	Days.	Inches.	Days.	Inches.	Days.	Inches.	Days.
January	4.06	23	4.08	20	6.62	20	10.24	...	7.22	...
February... ...	3.31	19	5.53	19	7.52	17	9.67	...	8.26	...
March	4.51	17	4.25	17	5.69	18	7.08	...	6.55	...
April	10.98	24	9.60	21	11.76	23	16.73	...	15.76	...
May	3.56	17	3.38	18	5.26	17	6.56	...	5.18	...
June	1.95	19	1.83	14	5.30	19	8.23	...	6.02	...
July	4.98	20	6.03	19	6.86	24	6.04	...	7.45	...
August	1.36	6	0.90	11	2.08	12	3.32	...	2.53	...
September ...	0.98	12	0.58	9	1.90	18	2.46	...	2.52	...
October	1.80	26	3.13	22	3.11	19	5.57	...	3.81	...
November ...	0.68	23	1.05	13	3.25	14	4.28	...	2.48	...
December ...	0.26	6	0.51	11	3.86	15	1.79	...	3.65	...
Fall in 1886 ...	38.43	212	40.87	194	63.21	216	81.97	...	71.43	...
Fall in 1885 ...	70.60	195	75.00	177	90.92	171	117.17	...	92.91	...
Fall in 1884 ...	51.78	...	62.35	150	96.99	143	...	...	101.93	...
Fall in 1883 ...	85.63	...	...	...	98.00	146	120.95	...	99.68	...
Fall in 1882 ...	81.29	...	101.84	166	130.62	169	172.30	...	142.90	...
Fall in 1881 ..	127.19	227	70.60	188	132.96	198	121.84	263	...	...
Fall in 1880 ...	96.89	209	53.36	176	..	...	...	...	...	...
Fall in 1879 ...	85.90	183	57.52	164	...	...	...	...	...	...
Fall in 1878 ...	88.33	207	73.81	175	...	...	...	...	...	...
Fall in 1877 ...	116.70	280	102.41	291	...	...	...	...	...	...
Fall in 1876 ...	97.59	225	72.35	262	...	...	...	...	...	...
Fall in 1875 ...	99.44	268	...	...	...	...	...	...	...	...
Fall in 1874 ...	102.16	288	...	...	...	...	...	...	...	...
Fall in 1873 ...	100.22	297	...	...	...	...	...	...	...	...
Fall in 1872 ...	.....	...	...	...	...	...	...	...	...	...
Fall in 1871 ...	...	...	...	...	...	...	...	...	...	...
Fall in 1870 ...	...	...	...	...	...	...	...	...	...	...
Fall in 1869 ...	...	...	...	...	...	...	...	...	...	...
Fall in 1868 ...	...	...	...	...	...	...	...	...	...	...
Fall in 1867 ...	...	...	...	...	...	...	...	...	...	...
Fall in 1866 ...	...	...	...	...	...	...	...	...	...	...
Fall in 1865 ...	...	...	...	...	...	...	...	...	...	...
Fall in 1864 ...	...	...	...	...	...	...	...	...	...	...
Fall in 1863 ...	...	...	...	...	...	...	...	...	...	...
Fall in 1862 ..	...	...	...	...	...	...	...	...	...	...
Means	88.72	236	71.01	194	102.12	174	122.85	...	101.77	...

TABLE XXVI—(Continued.)

SHOWING THE AMOUNT OF RAINFALL, &c.

Months.	Rivière du Rempart.							
	Poudre d'Or.	E. de Chazal.	St. Antoine.	E. de Chazal.	Labourdonnais.	H. Wiéhé.	Mon Songe.	E. D'Unienville.
	Inches.	Days.	Inches.	Days.	Inches.	Days.	Inches.	Days.
January	2.75	11	2.72	15	3.54	14	1.71	11
February	4.05	9	4.67	14	5.23	12	4.86	11
March	2.29	9	2.47	11	4.77	11	5.99	14
April	4.95	9	3.34	7	6.05	12	8.70	19
May	1.64	6	1.84	11	2.60	11	2.56	11
June	1.41	9	1.38	7	1.23	6	1.93	10
July	2.90	11	1.91	12	3.13	9	5.11	18
August	0.80	1	0.70	2	0.59	2	1.46	5
September	0.95	7	1.14	8	0.54	6	0.98	8
October	2.70	14	1.77	11	2.15	13	3.02	18
November	1.35	8	1.04	7	1.98	10	2.32	12
December	1.18	10	0.55	5	1.37	10	1.99	11
Fall in 1886	26.97	104	23.53	110	33.18	116	40.63	148
Fall in 1885	53.19	127	44.91	128	57.44	156	70.60	160
Fall in 1884	42.17	108	40.45	117	56.36	119	63.54	165
Fall in 1883	58.47	128	59.63	130	70.08	147	84.78	205
Fall in 1882	69.16	133	66.72	141	75.98	139	...	...
Fall in 1881	42.76	93	44.50	145	55.62	155	...	...
Fall in 1880	39.46	125	31.87	121	40.79	155	...	...
Fall in 1879	...	...	42.99	125	62.80	159	...	...
Fall in 1878	...	...	45.40	129	52.86	131	...	...
Fall in 1877	...	...	84.12	170	103.34	163	...	...
Fall in 1876	...	...	43.81	...	70.60	142	...	...
Fall in 1875	...	...	45.37	...	76.00	138	...	...
Fall in 1874	...	...	56.41	...	64.48	105	...	...
Fall in 1873	...	...	...	...	70.04	120	...	...
Fall in 1872	...	...	...	...	44.20	98	...	...
Fall in 1871	...	...	...	...	50.52	102	...	...
Fall in 1870	...	...	...	...	59.06	116	...	...
Fall in 1869	...	...	...	...	63.73	108	...	...
Fall in 1868	...	...	...	...	70.46	119	...	...
Fall in 1867	...	...	...	...	56.99	125	...	...
Fall in 1866	...	...	...	...	50.29	108	...	...
Fall in 1865	...	...	...	...	87.63	149	...	...
Fall in 1864	...	...	...	...	57.25	120	...	...
Fall in 1863	...	...	...	...	70.72	129	...	...
Fall in 1862	...	...	...	...	52.23	111	...	...
Means... ...	47.45	117	48.44	132	62.11	129	64.89	169

TABLE XXVI—(Continued.)

SHOWING THE AMOUNT OF RAINFALL, &c.

Months.	Pamplemousses.							
	St. André.	G. Couve.	Solitude.	G. Couve.	Mon Rocher.	E. de Chazal	Observatory*.	C. Meldrum.
	Inches.	Days.	Inches.	Days.	Inches.	Days.	Inches.	Days.
January	2.91	8	2.16	8	2.78	8	2.13	16
February	4.97	9	5.22	12	3.33	8	4.26	18
March	2.78	5	3.26	9	6.75	5	3.81	16
April	1.97	6	1.96	10	4.97	8	3.12	18
May	1.49	6	1.36	10	2.38	6	1.88	19
June	0.69	2	0.50	4	0.72	4	0.65	14
July	0.64	2	1.79	11	2.25	6	2.22	20
August	0.58	1	1.37	1	0.99	1	0.74	2
September	0.98	6	0.51	4	0.40	2	0.85	15
October	2.18	8	1.84	10	3.17	9	2.58	23
November	1.27	8	0.88	7	1.74	7	1.19	14
December	2.84	10	3 97	10	4.65	11	6.31	19
Fall in 1886	23.30	71	24.82	96	34.13	75	29.74	194
Fall in 1885	37.47	80	32.06	124	.....	...	44.61	200
Fall in 1884	39.37	76	.....	...	.....	...	45.80	174
Fall in 1883	42.36	96	.....	...	.....	...	47.69	180
Fall in 1882	48.18	115	.....	...	74.62	101	56.06	209
Fall in 1881	46.54	155	.....	...	55.33	100	45.32	219
Fall in 1880	27·53	146	.....	...	39.60	120	34.03	198
Fall in 1879	39.27	156	.....	...	61.00	128	49.16	205
Fall in 1878	38.04	136	.....	...	55.45	103	43.25	174
Fall in 1877	70.24	170	.....	...	99.51	158	71.36	225
Fall in 1876	36.44	182	.....	...	.....	...	41.87	198
Fall in 1875	46.43	160	.....	...	54.58	149	49.98	212
Fall in 1874	55.39	138	.....	...	65.12	123	64.82	216
Fall in 1873	56.87	143	.....	...	71.67	133	75.54	219
Fall in 1872	38.76	133	.....	...	.....	...	47.76	202
Fall in 1871	33.38	...	.....	...	.....	...	42.62	182
Fall in 1870	41.48	...	.....	...	.....	...	45.57	143
Fall in 1869	33.69	...	.....	...	.....	...	54.57	120
Fall in 1868	63.07	...	.....	...	.....	...	64.18	138
Fall in 1867	42.39	142	.....	...	.....	...	35.97	117
Fall in 1866	40.83	132	.....	...	.....	...	20.74	117
Fall in 1865	60.95	173	.....	...	.....	...	44.74	154
Fall in 1864	42.65	157	.....	...	.....	...	24.15	138
Fall in 1863	64.27	197	.....	...	.....	...	33.42	147
Fall in 1862	41.84	141	.....	...	.....	...	28.40	124
Means	44.43	138	28.44	110	61.10	119	45.65	176

* Previous to 1871, the Observatory was at Port-Louis.

TABLE XXVI—(Continued)

SHOWING THE AMOUNT OF RAINFALL, &c.

Months.	Pamplemousses—Continued.					
	Botanical Gardens. W. Scott.		La Rosalie. C. Barlow.		Constance. E. D'Unienville.	
	Inches.	Days.	Inches.	Days.	Inches.	Days.
January	3.20	11	1.60	9	2.40	9
February	5.44	13	3.84	8	7.05	8
March	6.17	14	4.04	10	4.40	7
April	8.55	17	8.53	13	9.35	12
May	2.55	14	3.45	7	2.95	9
June	1.36	11	1.48	10	1.80	6
July	4.68	25	4.08	17	5.90	13
August	1.60	5	1.35	1	1.35	1
September	0.89	17	0.72	4	0.20	2
October	3.99	20	2.19	15	2.60	12
November...	1.75	6	2.18	13	1.95	7
December	6.08	11	1.20	9	1.30	6
Fall in 1886	46.26	164	34.66	116	41.25	92
Fall in 1885	85.68	245	59.57	142	64.28	109
Fall in 1884	70.59	156	72.47	142	62.48	137
Fall in 1883	69.90	179	72.75	140	81.03	143
Fall in 1882	75.87	145	88.29	...	90.55	130
Fall in 1881	62.35	144	64.54	165	69.67	153
Fall in 1880	43.33	168	...	...	60.42	161
Fall in 1879	59.23	177	...	...	80.08	180
Fall in 1878	52.44	162	...	...	76.20	147
Fall in 1877	87.69	186	...	...	108.28	201
Fall in 1876	50.23	167	...	...	62.33	175
Fall in 1875	56.05	186	...	...	...	...
Fall in 1874	73.77	180	...	...	...	...
Fall in 1873	81.39	164	...	...	...	...
Fall in 1872	53.99	169	...	...	...	...
Fall in 1871	55.57	155	...	...	...	...
Fall in 1870	66.89	159	...	...	...	...
Fall in 1869	64.97	117	...	...	...	...
Fall in 1868	91.21	102	...	...	...	...
Fall in 1867	...	...	...	...	...	...
Fall in 1866	...	...	...	...	...	...
Fall in 1865	85.37	118	...	...	...	...
Fall in 1864	51.56	111	...	...	...	...
Fall in 1863	...	...	...	...	...	...
Fall in 1862	...	...	...	...	...	..
Means	65.92	160	65.38	141	72.42	148

TABLE XXVI.—(Continued)

SHOWING THE AMOUNT OF RAINFALL, &c.

Months.	Moka.									
	Alma. E. Régnard.		Lynnwood. H. Stein.		Minissy. L. Hardy.		The Bower. C. F. Shand.		Bon Air. J. A. Ferguson.	
	Inches.	Days.	Inches.	Days.	Inches.	Days.	Inches.	Days.	Inches.	Days.
January	7.89	22	...	...	2.87	11	1.88	20	1.67	14
February	10.50	20	...	...	8.19	12	6.79	26	6.43	18
March	10.97	23	...	...	6.01	9	3.80	23	3.74	9
April	17.49	26	...	...	7.15	13	4.61	28	4.93	17
May	7.93	26	...	...	3.40	13	2.92	27	2.91	15
June	6.74	24	2.46	28	1.74	7	1.80	30	1.93	13
July	9.30	19	3.15	28	3.32	9	2.51	31	2.88	17
August	1.87	9	1.93	18	1.47	2	1.89	23	0.93	4
September ...	2.25	14	0.69	23	0.50	6	0.77	24	0.44	5
October	5.46	22	2.53	26	2.53	15	2.60	31	1.89	20
November. ...	3.86	12	1.26	15	1.22	8	1.01	28	0.82	10
December.. ...	6.73	8	9.75	21	4.42	10	6.93	27	7.02	16
Fall in 1886 ...	90.99	225	...	...	42.82	115	37.51	328	35.59	158
Fall in 1885 ...	111.48	247	60.18	231	65.45	134	57.30	323	49.77	145
Fall in 1884 ...	118.35	233	66.13	216	* 63.22	107	58.10	300	60.07	195
Fall in 1883 ...	131.14	247	79.42	245	79.72	134	...	...	...	...
Fall in 1882 ...	140.66	255	80.81	253	79.09	131	...	...	...	...
Fall in 1881 ...	113.17	266	61.86	250	...	...	...	...	...	...
Fall in 1880 ...	101.75	269	41.85	248	...	...	...	...	...	...
Fall in 1879 ...	138.18	260	71.15	244	...	...	...	...	...	...
Fall in 1878 ...	109.85	228	58.69	200	...	...	...	...	...	...
Fall in 1877 ...	175.24	272	94.06	217	...	...	...	...	...	...
Fall in 1876 ...	116.42	247	62.36	194	...	...	...	...	...	...
Fall in 1875 ...	...	...	...	...	...	...	...	...	...	...
Fall in 1874 ...	167.12	256	...	...	...	...	...	...	...	...
Fall in 1873 ...	134.46	245	...	...	...	...	...	...	...	...
Fall in 1872 ...	124.91	257	...	...	...	...	...	...	...	...
Fall in 1871 ...	...	...	44.72	158	...	...	...	...	...	...
Fall in 1870 ...	...	...	50.64	170	...	...	...	...	...	...
Fall in 1869 ...	...	...	61.39	168	...	...	...	...	...	...
Fall in 1868 ...	...	...	115.32	191	...	...	...	...	...	...
Fall in 1867 ...	...	...	60.82	170	...	...	...	...	...	...
Fall in 1866 ...	...	...	40.68	193	...	...	...	...	...	...
Fall in 1865 ...	...	...	79.44	217	...	...	...	...	...	...
Fall in 1864 ...	...	...	56.61	205	...	...	...	...	...	...
Fall in 1863 ...	...	...	...	...	...	...	...	...	...	...
Fall in 1862 ...	...	...	...	...	...	...	...	...	...	...
Means	126.69	250	65.90	200	66.06	124	50.97	317	48.48	166

* On 6th May, 1884, the raingauge overflowed.

TABLE XXVI—(Continued.)

SHOWING THE AMOUNT OF RAINFALL, &c.

Months.	Plaines Wilhems.									
	Beau Séjour. H. Stein.		Highlands. D. Dalais.		Westra. H. Wilson.		Trianon. A. Régnard.		Phœnix. A. Lenferna.	
	Inches.	Days.	Inches.	Days.	Inches.	Days.	Inches.	Days.	Inches.	Days.
January	2.45	15	2.30	13	...	...	1.80	18	2.87	18
February	6.42	17	5.76	15	...	...	5.96	19	7.85	18
March	4.21	9	3.03	8	...	...	4.24	15	3.81	14
April	5.15	17	6.38	20	...	...	5.62	20	7.38	21
May	2.69	20	2.88	18	...	...	2.84	26	3.74	25
June	1.04	11	1.41	15	...	...	1.22	20	1.89	20
July	2.23	14	3.19	19	...	...	2.31	23	4.34	22
August	0.85	5	1.36	8	...	...	0.82	12	1.50	11
September ...	0.44	6	0.66	6	...	...	0.61	13	0.98	16
October	1.43	15	2.70	10	...	...	1.75	18	2.52	20
November ...	1.61	13	1.35	6	...	...	1.06	13	1.89	17
December. ...	2.54	17	4.34	6	...	...	2.45	14	3.67	18
Fall in 1886 ...	31.06	159	35.36	144	...	...	30.68	211	42.44	220
Fall in 1885 ...	55.64	176	60.14	...	76.24	...	52.29	233	71.14	210
Fall in 1884 ...	60.69	153	...	...	53.79	...	54.75	200	62.17	186
Fall in 1883 ...	77.84	180	...	...	78.60	251	71.04	212	79.53	201
Fall in 1882 ...	71.60	184	...	...	84.91	294	63.18	176	79.39	220
Fall in 1881 ...	60.44	195	...	...	69.57	270	47.78	231	58.90	223
Fall in 1880 ...	43.43	204	...	...	57.20	264	36.90	240	50.31	...
Fall in 1879 ...	62.89	190	69.82	177	* 78.39	244	53.70	185	63.37	...
Fall in 1878 ...	63.65	171	54.89	156	69.95	...	55.79	135	66.73	189
Fall in 1877 ...	92.91	235	115.81	234	109.52	...	86.13	175	...	...
Fall in 1876 ...	58.29	207	73.35	208	69.68	...	64.09	171	...	...
Fall in 1875 ...	60.92	191	78.72	184	73.81	204	66.63	153	...	...
Fall in 1874 ...	110.36	201	122.20	182	103.09	175	102.41	...	...	...
Fall in 1873 ...	82.89	199	...	...	80.73	200	84.49	180	...	...
Fall in 1872 ...	62.68	184	...	...	73.16	197	62.70	181	...	...
Fall in 1871 ...	45.97	179	...	...	67.82	191	...	...	...	...
Fall in 1870 ...	54.49	192	...	...	80.85	215	...	...	...	...
Fall in 1869 ...	67.58	179	...	...	80.67	213	...	...	...	...
Fall in 1868 ...	95.65	216	...	...	122.36	215	...	...	...	...
Fall in 1867 ...	64.58	187	...	...	81.34	195	60.16	...	...	...
Fall in 1866 ...	44.55	181	...	...	...	...	43.24	150	...	...
Fall in 1865 ...	87.11	209	...	...	...	...	81.19	152	...	...
Fall in 1864 ...	54.60	189	...	...	...	...	48.58	149	...	...
Fall in 1863 ...	99.76	193	...	...	...	...	80.66	182	...	...
Fall in 1862 ...	69.17	147	...	...	...	...	...	...	...	...
Means... ...	67.15	188	76.29	184	79.56	223	62.32	184	63.78	207

* On 21st March, 1879, the gauge at Westra overflowed.

TABLE XXVI.—Continued.

SHOWING THE AMOUNT OF RAINFALL, &c.

Months.	Plaines Wilhems.—(*Continued*).											
	Réunion. Geo. Robinson.		Henrietta. C. F. Shand.		La Marie. C. F. Shand.		The Glen. C. F. Shand.		Tamarind Falls. C. F. Shand.		Nursery Gardens. Curepipe. J. Horne.	
	Inches.	Days.	Inches.	Days.	Inches.	Days.	Inches.	Days.	Inches.	Days.	Inches.	Days.
January ...	7.29	21	4.65	14	4.28	14	4.05	14	6.04	14	8.30	14
February ...	8.20	19	9.76	26	9.89	24	8.70	26	13.08	22	12.87	25
March ...	3.40	12	4.45	17	4.58	12	3.90	13	7.21	11	3.25	9
April... ...	9.45	22	11.21	26	15.44	24	8.91	26	14.07	18	21.28	24
May	4.81	28	6.02	30	6.06	18	4.73	27	4.11	18	11.77	25
June	3.79	22	5.49	24	7.18	19	4.12	22	6.28	13	10.51	23
July	5.13	21	6.34	27	6.79	19	5.23	23	5.83	22	5.91	19
August ...	1.08	10	1.71	13	1.73	4	1.35	7	0.78	5	2.30	7
September ...	1.40	16	1.51	20	1.28	5	1.10	14	2.16	12	3.65	18
October ...	3.30	19	3.81	21	4.60	19	2.85	21	2.36	7	6.78	22
November ...	2.16	16	2.75	15	3.61	13	1.61	11	2.28	10	6.81	21
December ...	4.14	18	5.37	18	6.59	14	6.04	18	10.00	16	4.86	14
Fall in 1886 ...	54.15	224	63.07	251	72.03	185	52.59	222	74.20	168	98.29	221
Fall in 1885 ...	84.80	...	85.57	252	...	...	...	...	...	...	124.53	174
Fall in 1884 ...	70.73	208	65.65	212	84.96	177	...	...	...	...	116.41	202
Fall in 1883 ...	87.14	219	85.03	260	105.87	209	...	...	...	...	117.69	304
Fall in 1882 ...	98.15	235	103.11	257	122.80	227	...	...	...	...	...	...
Fall in 1881 ...	70.28	250	68.12	238	91.94	221	..	...	...	...	...	...
Fall in 1880 ...	61.44	250	...	...	...	...	...	...	...	...	...	...
Fall in 1879 ...	85.84	230	...	...	...	...	...	...	...	...	...	...
Fall in 1878 ...	78.83	...	...	...	...	...	...	...	...	...	...	...
Fall in 1877 ...	...	...	...	...	...	...	...	...	...	...	...	...
Fall in 1876 ...	...	...	...	...	...	...	...	...	...	...	...	...
Fall in 1875 ...	...	...	...	...	...	...	...	...	...	...	...	...
Fall in 1874 ...	...	...	...	...	...	...	...	...	...	...	...	...
Fall in 1873 ...	...	...	...	...	...	...	...	...	...	...	...	...
Fall in 1872 ...	...	...	...	...	...	...	...	...	...	...	...	...
Fall in 1871 ...	...	...	...	...	...	...	...	...	...	...	...	...
Fall in 1870 ...	...	...	...	...	...	...	...	...	...	...	...	...
Fall in 1869 ...	...	...	...	...	...	...	...	...	...	...	...	...
Fall in 1868 ...	...	...	...	...	...	...	...	...	...	...	...	...
Fall in 1867 ...	...	...	...	...	...	...	...	...	...	...	...	...
Fall in 1866 ...	...	...	...	...	...	...	...	...	...	...	...	...
Fall in 1865 ...	...	...	...	...	...	...	...	...	...	...	...	...
Fall in 1864 ...	...	...	...	...	...	...	...	...	...	...	...	...
Fall in 1863 ...	...	...	...	...	...	...	...	...	...	...	...	...
Fall in 1862 ...	...	...	...	...	...	...	...	...	...	...	...	...
Means ...	76.82	231	78.42	245	95.52	204	...	...	...	...	114.23	225

TABLE XXVI—Continued.

SHOWING THE AMOUNT OF RAINFALL, &c.

Months.	Grand Port.									
	Cluny. E. Piat.		Gros Bois. E. de Robillard.		Beau Vallon. A. de Rochecouste & Co.		Joli Bois. G. Perromat.		Riche-en-Eau. L. de Rochecouste.	
	Inches.	Days.	Inches.	Days.	Inches.	Days.	Inches.	Days.	Inches.	Days.
January	6.34	17	7.75	18	4.24	20	7.55	19	8.57	23
February ...	8.91	18	4.81	15	4.39	13	6.50	17	6.99	19
March	8.61	14	4.79	11	3.18	18	7.05	13	5.50	23
April	16.94	22	11.93	20	5.82	24	12.15	19	12.43	30
May	7.87	20	5.80	20	2.60	26	4.71	6	4.00	26
June	8.54	18	3.35	16	1.45	22	2.00	9	3.69	23
July	9.53	16	4.69	18	2.92	22	5.42	13	4.62	22
August	5.76	12	2.60	9	0.69	5	2.88	6	3.46	10
September ...	2.89	16	1.46	10	0.57	12	1.94	10	1.13	14
October ...	6.68	23	2.45	11	1.77	18	3.17	10	2.56	22
November ...	5.94	14	1.71	9	1.42	18	2.32	12	2.13	14
December ...	7.15	19	3.06	10	2.44	14	5.10	14	3.57	18
Fall in 1886 ...	95.16	209	54.40	167	31.49	212	60.79	148	58.65	244
Fall in 1885 ...	122.65	194	82.49	155	54.18	187	100.89	188	82.88	242
Fall in 1884 ...	117.40	193	80.96	129	55.34	178	104.15	163	78.12	218
Fall in 1883 ...	119.09	210	102.14	142	67.78	184	109.23	156	87.38	248
Fall in 1882 ...	181.18	188	126.40	148	95.24	229	.....	...	121.76	259
Fall in 1881 ...	109.45	181	101.68	200	50.83	201	106.91	179	79.80	261
Fall in 1880 ...	107.44	185	82.59	245	41.10	200	100.43	...	67.06	247
Fall in 1879 ...	132.36	213	91.98	239	61.25	225	127.41	...	81.13	260
Fall in 1878 ...	133.10	181	112.06	208	59.00	197	136.94	...	86.60	221
Fall in 1877 ...	203.50	243	110.60	257	77.39	235	178.11	201	.....	...
Fall in 1876 ...	.....	...	74.45	241	50.90	213	97.74	160	.....	...
Fall in 1875 ...	.....	...	110.78	227	67.64	226	122.31	173	.....	...
Fall in 1874 ...	177.59	273	120.26	253	71.86	205	134.93	201	.....	...
Fall in 1873 ...	171.32	264	98.09	229	65.27	197	119.91	225	.....	...
Fall in 1872 ...	146.83	288	90.08	228	53.99	201	100.55	251	.....	...
Fall in 1871 ...	133.71	279	99.25	214	58.38	208	105.01	270	.....	...
Fall in 1870 ...	160.43	273	102.40	229	68.64	216	.....	...	.....	...
Fall in 1869 ...	129.37	290	94.77	212	69.94	233	.....	...	.....	...
Fall in 1868 ...	183.74	292	137.29	253	81.60	248	.....	...	.....	...
Fall in 1867 ...	141.05	269	83.69	216	61.05	233	.....	...	.....	...
Fall in 1866 ...	121.97	285	70.24	256	51.05	233	.....	...	.....	...
Fall in 1865 ...	192.45	292	135.21	259	100.84	242	.....	...	.....	...
Fall in 1864 ...	122.48	288	83.36	234	.....	...	.....	...	.....	...
Fall in 1863 ...	147.09	273	.....	...	.....	...	.....	...	.....	...
Fall in 1862 ...	122.54	261	.....	...	.....	...	.....	...	.....	...
Means... ...	142.26	245	97.62	215	63.40	214	113.69	193	82.60	244

TABLE XXVI—(Continued)

SHOWING THE AMOUNT OF RAINFALL, &c.

Months.	Grand Port—Continued.									
	Deux Bras. A. D. Gilmer.		Anse Jonchée. H. Portal.		St. Hubert. H. Portal.		Astrœa. C. Barlow, & J. André.		La Baraque. G. Guimbeau.	
	Inches.	Days.	Inches.	Days.	Inches.	Days.	Inches.	Days.	Inches.	Days.
January ...	7.75	21	5.04	16	10.84	23	8.99	23	3.95	12
February ...	5.82	22	4.93	11	9.67	20	6.37	18	3.22	13
March ...	5.07	17	3.96	12	7.34	22	5.85	13	3.62	11
April ...	11.28	25	6.58	22	18.22	27	12.92	24	10.03	17
May ...	5.59	26	4.57	11	9.18	28	5.35	20	3.57	9
June ...	4.06	23	1.67	9	6.00	24	6.55	26	1.79	9
July ...	5.31	24	5.16	14	8.40	27	6.54	19	3.94	13
August ...	3.93	13	0.32	2	4.13	10	3.71	9	1.09	5
September ...	1.42	19	0.33	2	2.64	18	1.81	9	1.15	7
October ...	2.97	23	3.31	13	6.58	21	3.02	17	1.90	15
November ...	2.01	17	1.47	8	4.14	17	2.56	11	1.88	9
December ...	2.97	20	2.84	12	5.57	16	4.02	13	2.44	5
Fall in 1886 ...	58.18	250	40.18	132	92.71	253	67.69	202	38.58	125
Fall in 1885 ...	86.31	...	82.51	147	145.24	241	95.65	231	...	...
Fall in 1884 ...	83.44	...	86.11	141	120.78	232	90.98	201	...	...
Fall in 1883 ...	90.94	...	88.72	119	133.06	226	102.96	233	...	...
Fall in 1882 ...	132.85	...	130.57	124	178.30	255	139.05	233	...	...
Fall in 1881 ...	86.34	205	85.84	143	114.09	258	...	...	...	...
Fall in 1880 ...	72.72	227	72.92	139	98.86	218	...	...	...	...
Fall in 1879 ...	83.43	216	...	...	...	...	...	...	...	...
Fall in 1878 ...	...	...	...	...	...	...	...	...	...	...
Eall in 1877 ...	...	...	...	...	...	...	...	...	...	...
Fall in 1876 ...	...	...	...	...	...	...	...	...	...	...
Fall in 1875 ...	...	...	...	...	...	...	...	...	...	...
Fall in 1874 ...	...	...	...	...	...	...	...	...	...	...
Fall in 1873 ...	...	...	...	...	...	...	...	...	...	...
Fall in 1872 ...	...	...	...	...	...	...	...	...	...	...
Fall in 1871 ...	...	...	...	...	...	...	...	...	...	...
Fall in 1870 ...	...	...	...	...	...	...	...	...	...	...
Fall in 1869 ...	...	...	...	...	...	...	...	...	...	...
Fall in 1868 ...	...	...	...	...	...	...	...	...	...	...
Fall in 1867 ...	...	...	...	...	...	...	...	...	...	...
Fall in 1866 ...	...	...	...	...	...	...	...	...	...	...
Fall in 1865 ...	...	...	...	...	...	...	...	...	...	...
Fall in 1864 ...	...	...	...	...	...	...	...	...	...	...
Fall in 1863 ...	...	...	...	...	...	...	...	...	...	...
Fall in 1862 ...	...	...	...	...	...	...	...	...	...	...
Means ...	86.78	224	83.84	135	126.15	240	99.27	220	...	...

TABLE XXVI—(Continued.)

SHOWING THE AMOUNT OF RAINFALL, &c.

Months.	SAVANNE.							
	St. Aubin.	E. Maingard.	L'Union—Bel Air.	Th. Vigier Latour.	Colmar.	A. Hirth.	Fontenelle.	A. Hirth.
	Inches.	Days.	Inches.	Days.	Inches.	Days.	Inches.	Days.
January	6·67	19	8.46	18	6.19	24	6.92	22
February	5.69	15	8.67	14	5.95	22	6.39	16
March	4.57	12	3.55	8	4.23	16	4.18	11
April	7.86	23	5.60	16	9.67	29	7.17	19
May	4.48	21	4.31	12	6.91	22	4.79	16
June	3.42	18	4.41	17	5.03	24	5.17	22
July	4.48	15	4.52	15	5.50	19	4.91	16
August	0.90	6	1.97	5	1.43	8	0.95	3
September	1.79	11	1.68	9	0.70	6	1.76	8
October	2.36	14	2.02	14	2.33	17	2.90	19
November	2.35	13	1.93	12	3.53	20	2.36	15
December	2.71	12	2.56	11	6.68	12	3.09	15
Fall in 1886	47.28	179	49.68	151	58.15	219	50.59	182
Fall in 1885	59.25	158	58.79	139	91.79	245	69.51	170
Fall in 1884	56.24	154	58.02	120	74.38	120	67.81	178
Fall in 1883	93.54	241	67.20	136	83.87	130	80.71	207
Fall in 1882	104.17	222	109.86	146	136.49	162	98.99	193
Fall in 1881	76.51	247	58.27	124	89.48	145	72.69	213
Fall in 1880	64.53	226	49.51	113	65.42	135	57.34	186
Fall in 1879	75.26	226	57.14	107	87.41	193	79.43	193
Fall in 1878	92.58	195	76.00	124	109.64	180	88.55	183
Fall in 1877	117.97	227	120.43	191	130.58	236	109.32	206
Fall in 1876	67.92	196	71.35	112	74.92	210	67.21	197
Fall in 1875	84.94	220	86.03	135	109.90	201	85.84	190
Fall in 1874	88.68	215	94.31	110	99.74	219	93.16	180
Fall in 1873	89.08	205	90.56	130	96.15	202	86.03	163
Fall in 1872	76.10	230	78.62	144	83.71	219	...	...
Fall in 1871	82.02	225	70.30	122	89.39	241	...	...
Fall in 1870	82.39	226	76.25	149	94.13	233	...	...
Fall in 1869	76.66	234	58.34	117	88.91	214	...	...
Fall in 1868	112.12	260	...	...	125.58	236	...	...
Fall in 1867	71.66	229	...	...	...	...	...	...
Fall in 1866	70.51	245	...	...	...	...	...	...
Fall in 1865	115.60	251	...	...	...	...	...	...
Fall in 1864	...	...	...	...	...	...	...	...
Fall in 1863	...	...	...	...	...	...	...	...
Fall in 1862	...	...	...	...	...	...	...	...
Means... ...	82.05	219	73.93	132	94.19	197	79.08	189

TABLE XXVI—Continued.

SHOWING THE AMOUNT OF RAINFALL, &c.

Months.	Savanne—Continued.							
	Riche Bois.	L. Neyl.	Bel Air.	J. Anderson.	Bois Chéri.	J. Anderson.	Beau Champ.	M. Allam, M. Cassim & Co.
	Inches.	Days.	Inches.	Days.	Inches.	Days.	Inches.	Days.
January	6.21	11	5.12	14	8.84	10	7.32	12
February	6.40	14	4.06	16	9.53	11	6.89	11
March	6.57	12	3.80	15	5.25	7	2.99	5
April	12.86	20	6.61	20	14.80	20	4.00	15
May	6.15	12	.....	...	6.34	15	2.66	8
June	4.75	12	.....	...	7.07	14	2.76	14
July	7.15	14	.....	...	6 26	11	3.51	12
August	3.00	6	.....	...	2.54	6	0.52	3
September	1.88	6	.....	...	0.35	3	0.65	5
October	3.89	10	.....	...	3.95	15	1.48	12
November	4.10	10	.....	...	3.55	11	1.10	5
December	5.92	12	.....	...	11.40	9	3.06	7
	68.88	139	.....	...	79.88	132	36.94	109
Fall in 1886	94.31	103	57.74	158	112.21	...	44.17	...
Fall in 1885	84.10	92	.....	...	129.85	...	.....	...
Fall in 1884	99.85	210	76.02	260	124.54	...	.....	...
Fall in 1883	132.88	221	.....	...	187.35	...	.....	...
Fall in 1882	92.94	...	.....	...	136.88	...	.....	...
Fall in 1881	.....	...	.....	...	106.15	...	.....	...
Fall in 1880	.....	...	71.66	276	134.37	...	.....	...
Fall in 1879	.....	...	78.00	215	118.09	...	.....	...
Fall in 1878	.....	...	107.62	278	.....	...	.....	...
Fall in 1877	.....	...	.....	...	.....	...	.....	...
Fall in 1876	.....	...	.....	...	.....	...	.....	...
Fall in 1875	.....	...	.....	...	.....	...	.....	...
Fall in 1874	.....	...	.....	...	.....	...	.....	...
Fall in 1873	.....	...	.....	...	.....	...	.....	...
Fall in 1872	.....	...	.....	...	.....	...	.....	...
Fall in 1871	.....	...	.....	...	.....	...	.....	...
Fall in 1870	.....	...	.....	...	.....	...	.....	...
Fall in 1869	.....	...	.....	...	.....	...	.....	...
Fall in 1868	.....	...	.....	...	.....	...	.....	...
Fall in 1867	.....	...	.....	...	.....	...	.....	...
Fall in 1866	.....	...	.....	...	.....	...	.....	...
Fall in 1865	.....	...	.....	...	.....	...	.....	...
Fall in 1864	.....	...	.....	...	.....	...	.....	...
Fall in 1863	.....	...	.....	...	.....	...	.....	...
Fall in 1862	.....	...	.....	...	.....	...	.....	...
Means	95.49	153	78.21	237	125.48	...	40.55	...

TABLE XXVI—(Continued)

SHOWING THE AMOUNT OF RAINFALL, &c.

Months.	Savanne—Continued.				Black River.			
	Bel Ombre.		St. Avold.	F. Bour.	Chamarel.	L. Dupavillon.	Bambous.	Ed. Nairac.
	Inches.	Days.	Inches.	Days.	Inches.	Days.	Inches.	Days.
January	8.88	13	...	...	8.20	12	1.44	11
February	8.06	14	...	...	7.81	9	4.70	17
March	4.25	8	...	...	6.89	8	2.00	6
April	5.53	17	...	...	5.34	9	1.45	13
May	3.78	13	...	...	3.69	13	0.74	15
June	4.65	23	...	...	6.28	11	0.25	9
July	5.16	18	7.19	19	4.29	15	0.95	16
August	0.52	3	2.44	11	0.65	6	0.45	3
September	0.86	7	2.11	16	2.79	9	0.40	10
October	1.42	12	4.17	18	1.91	8	0.53	11
November	0.97	8	4.05	11	2.42	7	0.49	5
December	3.62	9	3 66	10	8.21	22	5.10	17
Fall in 1886	47.70	145	...	...	58.48	129	18.50	133
Fall in 1885	...	...	...	...	70.41	104	37.10	174
Fall in 1884	...	...	...	...	75.52	96	39.90	147
Fall in 1883	...	...	...	...	77.33	115	..	...
Fall in 1882	...	...	...	...	109.27	183	...	...
Fall in 1881	...	..	...	...	79.86	165	...	...
Fall in 1880	...	...	...	...	59.95	205	...	...
Fall in 1879	...	...	...	...	71.42	...	...	...
Fall in 1878	...	...	...	...	75.33	...	...	...
Fall in 1877	..	...	...	...	110.26	...	...	..
Fall in 1876	...	...	...	...	72.98	...	...	...
Fall in 1875	...	...	...	...	...	...	...	...
Fall in 1874	...	...	...	...	...	...	...	...
Fall in 1873	...	...	...	...	...	...	...	...
Fall in 1872	...	...	...	...	...	...	...	...
Fall in 1871	...	...	...	...	...	...	...	...
Fall in 1870	...	...	...	...	...	...	...	...
Fall in 1869	...	...	...	...	...	...	...	...
Fall in 1868	..	...	...	...	...	...	...	...
Fall in 1867	...	...	...	..	...	...	...	...
Fall in 1866	...	...	...	...	...	...	...	...
Fall in 1865	...	...	...	...	...	...	...	...
Fall in 1864	...	...	...	...	...	...	...	...
Fall in 1863	...	...	...	...	...	...	...	...
Fall in 1862	...	...	...	...	...	...	...	...
Means	...	...	...	...	78.26	142	31.83	151

TABLE

GIVING APPROXIMATELY THE DATES, LOCALITIES, &c., OF

Dates.	Localities. Latitude. From	Latitude. To	Longitude. From	Longitude. To	Vessels by which experienced.	Wind. Direction.	Max. Force.
Jan.							Beaufort.
4	39° S	...	18½°E	...	Robert and Mary	W., W.N.W., W.S.W. ...	9
8—10	40 „	39° S	26 „	32½°E	„ „	N.E., N.N.E., N., N.W., W., S.W.	9
10—12	43 „	44 „	88 „	97 „	Orange Grove	W.N.W. to S.W. and back to N.N.W.	9
17—18	37 „	43 „	118 „	119 „	Glen Caladh, Orange Grove ...	N.E., N., N.W., W., S.W.	9
18—19	41 „	42 „	42 „	44 „	Robert and Mary	E., N., N.W., W.N.W. ...	9
Feb.							
1— 3	14°S	15½ S	99°E	...	Cuthona	All points	10
7— 8	42 „	43 „	56 „	62°E	Lucknow	N.N.W., N.W., W.N.W...	9
11—16	22 „	25 „	75 „	61 „	Glen Caladh	E., S.E., S., S.S.W. ...	9
16—23	31 „	39 „	41 „	57 „	Cochin...	N. b. W., N.W., W., S.W. S., S.S.E., E.S.E.	9
22—26	12 „	14 „	76 „	75 „	Ocean Chief	N.E., E., S.E., S., S.W. ...	9
March							
10—13	24° S	33° S	59°E	57°E	Empreza	S.E., E., N.E., N.... ...	9
13—17	35 „	41 „	2 „	48 „	Maria, Kilkerran, County of Cardigan. &c.	N., N.W., W., S.W., S., S.E.	10
16—21	35 „	41 „	11 „	22 „	Compta, County of Cardigan ...	W. b. N., S.W., S., S.E. to N.N.E.	9
26—31	38 „	39 „	96 „	111 „	Cock o'the North, Empreza ...	N.N.W, N.W., W., S.W.	9
28—31	38 „	43 „	36 „	51 „	Eva Lynch, Compta, &c. ...	All points	10
April							
1	29½ S	37° S	104°E	119°E	Cock o'the North, Penpont ...	W.S.W., S.W., S., S.E...	9
1— 2	43 „	...	60 „	65 „	County of Cardigan	N., N.W., W., S.W. ...	9

XXVII

GALES AND HURRICANES IN THE INDIAN OCEAN IN 1886.

Barometer.		Remarks.	Mauritius.					
			Barometer reduced to sea-level.		Temperature of Air.		Wind.	
Highest.	Lowest.		Highest.	Lowest.	Highest.	Lowest.	Direction.	Max. Velocity in miles per hour.
Inches	Inches		Inches	Inches	Deg.	Deg.		
29.90	...	Heavy sea from the S. W. ...	30.063	...	84.6	75.0	East	13.2
29.90	29.50	Hard squalls and rain, heavy sea.	30.071	30.035	84.4	71.4	E. b. N. to E.S.E. ...	19.5
...	...	Hail and rain showers ...	30.035	30.028	83.8	72.1	E.S.E. to N.E. ...	19.5
29.89	29.69	Heavy squalls of rain ...	29.969	29.958	85.3	72.6	E.S.E., E.	19.8
29.70	29.50	Heavy sea and much rain ...	29.969	29.895	85.4	69.6	E. to S.E.	18.0
...	...	Strong hurricane, very confused sea, hove to.	29.888	29.832	88.4	74.6	N.N.E. and E. ...	14.7
29.45	29.05	Strong gale, heavy rain and heavy sea.	29.911	29.867	87.5	72.2	E.S.E. to E.N.E. ...	13.5
29.92	29.65	Tremendous sea, thunder and lightning.	29.928	29.820	87.5	72.1	E.S.E., var. from E. and W., E.S.E. and S.E.	23.0
30.28	29.64	Tremendous squalls, lost sails, &c.	30.029	29.820	86.5	72.1	S.E., S.W., N.W., N. and then Easterly.	19.3
29.45	28.98	Torrential rain, tremendous sea, squalls of terrific violence.	30.020	29.997	84.4	74.0	E., E.S.E.	25.3
30.18	29.90	Heavy incessant downpour of rain, squalls of great violence.	29.940	29.852	88.0	74.1	E., E.N.E., N.E. ...	19.5
30.23	29.90	Mountainous seas, much lightning.	30.004	29.898	88.0	73.7	N.E., E.N.E., E., E. S.E.	23.9
30.32	29.80	Heavy gales, sudden shift ...	30.004	29.907	84.8	72.5	E., E.S.E., S.W. ...	23.9
30.45	30.07	Shift to S.W., fierce squalls...	29.956	29.869	84.6	70.9	S.E., S.W., W., var., S.E., S.W., W. and N., S.E.	15.2
30.15	29.40	Terrific gale, tremendous sea.	29.956	29.912	84.6	70.9	S.Ely., S.W., Wly., S.Ely.	15.2
...	...	Hard gale, heavy sea ...	29.935	...	83.7	73.3	E. b. S.	15.8
...	...	Heavy cross sea and squalls...	29.953	29.935	84.4	73.3	E. b. S., E.S.E. ...	16.9

TABLE

GIVING APPROXIMATELY THE DATES, LOCALITIES, &c., OF

Dates.	Localities. Latitude. From	Latitude. To	Longitude. From	Longitude. To	Vessels by which experienced.	Wind. Direction.	Max. Force.
April							Beaufort.
5—8	13° S	25° S	58°E	50°E	Peggie Doy, Compta, &c. ...	All points	9
13—19	10 „	26 „	72 „	58 „	Eva Joshua, Wega, Europa, Urania, Erminia Dall 'Orso, &c.	„	12
17—27	35 „	47 „	106 „	126 „	Glaslyn, Rollo, Star of Erin, Otago, &c.	N., N.W., W., S.W., S. ...	9
May							
1—5	31° S	36°S	39°E	49°E	Northbrook, Planter	S.E., S., S.W., W., N.N.W.	10
4—6	22 „	23 „	90 „	86 „	Jane	E., N.E., N.	9
5—14	36 „	40 „	29 „	63 „	Valetta, Lioness	All points	9
14—18	38 „	42 „	6 „	42 „	Killockan. Ralston, &c	N., N.W., W., S.W. ...	9
22—24	1 N	12 N	92 „	83 „	Lady Lisgar, Northbrook, &c...	All points	9
24—27	14 „	16 „	70 „	56 „	Glen Caladh, S. S. Taif ...	N., N.W., W., S.W. and S.	10
22—23	34 S	..	23 „	26 „	Maria	E.N.E, N., N.W, S.W. and S.E.	10
26—31	34 „	40°S	19 „	28 „	Glaslyn, Maria, Peabody ...	E.N.E., N., N.W., W.S.W.	9
June							
3—5	37° S	40°S	9°E	47°E	Carl Both, Guinevere, &c. ...	N.E., N., N.W., W., S.W.	9
14—17	10 N	16 N	95 „	70 „	Laomene, S. S. Taif, Glenroy, &c.	S.W., W.S.W., W. ...	10
14—26	41 S	44 S	58 „	67 „	Guinevere	N., N.W., W., S.W. ...	11
24—30	38 „	40 „	15 „	31 „	Star of Persia, Lord of the Isles, Scawfell, &c.	N., N.W., W., S.W. ...	11
July							
1—2	37°S	40°S	24°E	41°E	Lord of the Isles, Star of Greece, Scawfell, &c.	N., N.W., W., W.S.W. ..	9
11—17	14 N	15 N	91 „	90 „	Roscrana...	S., S.W., W. b. S. ...	9
11—12	30 S	37 S	18 „	24 „	Brisbane, Glaslyn	S.W., S., S.S.E.	9
19—22	31 „	40 „	30 „	54 „	Retriever, Brisbane, &c. ...	E., N.E., N., N.W., S.W.	9
29—30	36 „	37 „	53 „	...	Brisbane...	W., W.S.W., S.W. ...	10

XXVII—Continued.

GALES AND HURRICANES IN THE INDIAN OCEAN IN 1886.

Barometer.		Remarks.	Mauritius.					
			Barometer reduced to sea-level.		Temperature of Air.		Wind.	
Highest.	Lowest.		Highest.	Lowest.	Highest.	Lowest.	Direction.	Max. Velocity in miles per hour.
Inches	Inches		Inches	Inches	Deg.	Deg.		
30.25	29.60	Heavy cross sea	29.930	29.789	84.2	73.6	E., E.N.E.	28.4
30.31	28.40	Cyclone. Blowing a most violent hurricane, lost masts, &c.	29.987	29.744	84.4	68.0	Var., E. b. N., S.E., S., S.W., W.	30.1
30.27	29.20	Tremendous sea; very severe hail squalls and sleet.	30.116	29.760	82.2	66.0	S.E., S.S.W., W. and S.E. to E.	25.1
30.10	29.75	Terrific squalls, lost masts, &c.	30.070	30.032	79.4	69.0	E., E.S.E. and var. ...	24.8
...	...	Blowing a heavy gale, very heavy rain.	30.061	30.022	80.3	69.0	E., var., S.Ely. ...	22.1
30.45	30.10	Very confused sea, terrific rain squalls.	30.220	30.022	80.3	63.0	Var., S.E. to E. ...	26.8
30.60	29.40	Mountainous sea, terrific hail squalls.	30.119	30.054	79.0	63.4	E., E.S.E., S.E. ...	17.6
29.77	29.76	Heavy squalls, torrents of rain and lightning.	30.164	30.132	76.4	66.0	S.E., E.S.E.	24.0
30.64	29.42	High cross sea, hove to, lightning in all directions.	30.164	30.135	77.0	64.3	E.S.E., S.E.	24.0
30.23	29.84	Terrific gales, confused sea...	30.152	30.132	76.2	66.0	S.E., E.S.E.	22.1
30.21	29.70	Violent gale, lightning ...	30.158	30.030	77.4	64.3	S.E., E.S.E., E. ...	26.7
30.20	29.52	Tremendous sea, sudden shift	30.212	30.158	75.0	66.0	S.E. to E.	27.1
30.70	29.73	Blowing nearly a hurricane, tremendous sea, vivid lightning.	30.226	30.178	76.7	63.2	E. b. S., E.S.E., S.E.	21.4
30.40	29.00	Gales of hurricane violence, terrific sea, lost boats, &c.	30.236	30.178	76.7	63.1	S.Ely. and Ely. ...	24.9
30.45	29.04	Blowing a perfect hurricane, lost bulwarks, &c.	30.224	30.124	76.6	64.2	E. b. S., E.S.E. ...	27.1
30.20	29.50	Strong gale, terrific squalls, lost bulwarks, &c.	20.112	30.105	76.0	63.1	E.S.E.	26.6
29.58	29.54	Vicious squalls, high cross sea, thunder and lightning.	30.162	30.078	75.3	58.2	E.S.E., E., Wly., E.S.E.	27.1
30.22	29.98	Terrific squalls, hove to ...	30.162	30.114	71.3	64.2	E.S.E., E.	27.1
30.80	30.20	Nasty cross sea, hard squalls	30.317	30.068	76.0	62.0	E. b. N., E., E.S.E. ...	28.8
...	...	Tremendous sea, hove ship to.	30.148	30.070	74.4	60.4	Nly., S.E.	24.5

TABLE

GIVING APPROXIMATELY THE DATES, LOCALITIES, &c., OF

Dates.	Localities.				Vessels by which experienced.	Wind.	
	Latitude.		Longitude.			Direction.	Max. Force.
	From	To	From	To			
August							Beaufort.
6—10	32° S	39° S	20°E	36°E	Maria, Evesham Abbey, &c. ...	N., N.W., W., W.S.W. ...	10
13—14	37 „	38 „	51 „	54 „	Bertram Rigley	N.E., N., N.W., W. ...	9
21—30	31 „	40 „	15 „	44 „	Morayshire, Golden Fleece, Lanarkshire, &c.	N., N.W., W., S.W., S. S.E.	9
28—31	37 „	...	119 „	120 „	Bellona	N., W., S.W.	9
Sept.							
2— 9	37° S	40°S	11°E	43°E	Lorentz Harsen, Maria, &c. ...	N., N.W., W., S.W., S.E.	11
3— 5	38 „	39 „	114 „	115 „	Bellona	N.W., W.	9
12—17	32 „	39 „	27 „	46 „	Retriever, Lorentz Harsen, &c...	N.E., N., N.W., W., S.W.	10
Oct.							
5—10	36°S	40° S	40°E	54°E	Lady Cairns, Julio, Noemi, &c.	N.E., N., N.W., W., S.W., S.S.W.	10
21—23	36 „	...	130 „	...	Thurso	N.W., W., W.S.W. ...	9
22—23	38 „	39 „	32 „	36 „	Retriever	E., E.N.E., N., N.N.W. ...	9
23—25	40 „	41 „	13 „	24 „	County of Bute, James Wishart.	E.N.E., N., N.W., W., S. W.	9
29—30	38 „	39 „	38 „	48 „	Gem, County of Bute	N.N.E., N., N.W., S.W...	9
Nov.							
4	30°S	...	59°E	...	County of Bute	W., S.W., S., S.S.E. ...	9
6— 7	9 „	19° S	82 „	67°E	S. S. Carisbrook, Castleton ...	E.S.E., S.S.E., S., S.W. ...	9
21—26	31 „	43 „	15 „	46 „	S. S. Hajeen, Estrella de Chile, Catharine Marie.	S.W., S., E.S.E. and N.W. to N.	9
Dec.							
3— 6	39° S	43° S	56°E	62°E	Estrella de Chile	N.W., N.	9
9—10	13 N	18 N	87 „	83 „	Zulu, Rollo	N.E., E., E.S.E., S. S.E.	10
28—30	39 S	41 S	17 „	53 „	Barbadian, Madras, Hartfield ...	N.E., N., N.W., W., S.W.	9

XXVII—Continued.

GALES AND HURRICANES IN THE INDIAN OCEAN IN 1886.

Barometer.		Remarks.	Mauritius.					
			Barometer reduced to sea-level.		Temperature of Air.		Wind.	
Highest.	Lowest.		Highest.	Lowest.	Highest.	Lowest.	Direction.	Max. Velocity in miles per hour.
Inches	Inches		Inches	Inches	Deg.	Deg.		
30.08	29.64	Terrific gale, torrents of rain.	30.167	30.141	75.7	60.1	E. b. N., E., E.S.E. and Wly.	19.4
30.06	29.92	Heavy gale; furious squalls...	30.191	30.177	75.5	57.7	E.S.E., E.	22.9
30.30	29.00	Fearful squalls; tremendous confused sea.	30.252	30.015	76.6	59.2	Nly. and Wly., S.E. to the 25th, on the 26th, Wly., then S. E. to E.	21.7
...	...	Squalls of hail and rain ...	30.183	30.128	75.4	59.2	E.S.E., E.	18.6
30.11	29.86	Terrific gale, heavy squalls of hail and rain.	30.197	30.079	77.5	60.3	S.E., Wly., S.E. to E. N.E. and var.	24.6
...	...	Fierce gale, hail squalls ...	30.164	30.102	76.2	60.3	S.S.E., S.E., E. ...	24.6
30.60	29.99	Mountainous sea	30.286	30.232	77.0	61.5	E.S.E. to E.	25.9
30.62	29.28	Furious Wly gale, tremendous cross sea. Tempête.	30.257	30.184	81.0	66.0	Easterly	23.3
...	...	Heavy sea, hard squalls ...	30.154	30.063	77.4	66.0	E., S.S.E., E. b. N., E.S.E.	17.8
30.30	30.15	Heavy sea	30.072	30.063	77.4	66.0	S.S.E., E. b. N., E.S.E.	17.8
30.08	29.40	Tremendous high sea, hove to, lost bulwarks.	30.153	30.072	77.4	66.0	E., E.N.E.	20.4
29.84	29.80	Very heavy sea, lost bulwarks	30.161	30.150	79.6	65.0	E.N.E., E., E.S.E. ...	20.0
30.02	...	Tremendous sea, torrents of rain.	30.032	...	76.9	66.7	N.E., N., N.W., N.E. b. E.	11.3
30.20	30.15	Very high cross sea	30.235	30.148	77.0	68.2	E.S.E., E.	27.2
30.35	29.89	Frequent squalls of hail and rain, confused sea.	30.133	30.027	82.2	67.5	E.N.E., E.S.E. ...	19.4
...	...	Very confused sea	30.031	29.989	83.4	65.5	E.S.E. to N.E., and var.	16.0
30.12	29.78	Furious gale, heavy cross sea.	30.055	30.041	82.7	71.0	S.E., N.E. b. E., S.W.	14.8
30.38	29.50	Hard violent squalls, heavy showers of rain.	29.993	29.956	85.0	73.5	N.Wly., N.E... ...	14.5

STORM-WARNINGS AND CYCLONES.

In the course of the year there were only two occasions on which it was necessary to issue storm-warnings.

(1.) At 4 p.m. on the 5th. of April a telegram was sent to the Harbour Master stating that there were signs of a Cyclone, the centre of which was about 350 miles to the Nrd. of Mauritius, and that probably it would pass at a safe distance N.W. of this island. Several telegrams were also despatched, from the 5th to the 10th, announcing the progress of the Cyclone.

The barometer, corrected and reduced to sea-level, was at 4 p.m. on the 5th at 29.890, with the wind from E. b. S. at the rate of 22 miles an hour.

The wind veered from E. b. S. on the 5th. to N. E. b. N. on the 11th., and its greatest velocity for one hour was 28.4 miles on the 5th.

The barometer fell from 29.988 at 9 a.m. and 29.898 at 3 p.m., on the 4th., to 29.716 at 5 a.m., 29.764 at 9 a.m., and 29.732 at 4 p.m., on the 11th., and then rose to 29.861 at 9 a.m. and 29.778 at 3 p.m. on the 12th.

On the 6th. the upper cirrus clouds were coming from Wrd.

The weather on the whole was fine till the 11th, when 0.74 inch of rain fell, with thunder and lightning. The Cyclone was encountered at sea by the *Peggie Doy, Compta,* and other vessels, in 13° S. and 58° E. to 25° S. and 50° E., and its track has been determined.

(2.) In the course of the night of the 12th. the barometer began to fall again, and it continued to fall, till, at 9 a. m. on the 16th. it was at 29.771 and at 2 p.m. at 29.715. It then rose to 30.126 at 10 a.m. on the 20th.

On the 12th. the wind was fresh from N. Erd., and on the 13th. light and variable, chiefly from Nrd., with thunder and lightning in the afternoon. On the 14th. it backed to East, and it continued to back and to increase, till, at 10 a.m. on the 16th, it was from S. E. ½ S. at the rate of 29 miles an hour, from South at 1 p. m. on the 17th at the rate of 17 miles, and from S.W. ½ S. at 11 a.m. on the 18th at the rate of 12 miles.

The weather was cloudy and showery.

On the 16th. the upper cirrus clouds were travelling from Wrd.

When it was observed that the wind was backing and increasing, and the barometer falling, a notice was sent to the newspapers to the effect that probably another Cyclone existed, or was being formed, to the N. Erd of Mauritius, and on the 16th it was announced that the centre was passing Erd. of Mauritius at a distance which was estimated to be about 400 miles. Telegrams were sent to Captains advising them not to proceed to the Srd.

Several homeward-bound vessels which encountered this Cyclone, and which were more or less damaged in it, would have escaped, if, instead of running to the S. Wrd, as they did, with an increasing wind from E. N. Erd and a falling barometer, they had stood back for 48 hours. There is too much reason to fear that one homeward bound vessel, the *Charles Connell,* foundered in the Cyclone.

The track of the Cyclone has been determined. The centre passed 50 miles West of Rodrigues on the morning of the 17th., and the barometer there fell to 28.861.

On the 2nd. and 3rd. of February a Cyclone occurred in 14° S. and 99° E. to 16° S. and 97° E.; one from the 12th. to the 16th. of February in 22° S. and 75° E. to 25° S. and 61° E.; and another from the 23rd. to the 25th. of February in 12° S. and 76° E. to 14° S. and 75° E.

These three Cyclones in February, and the two in April, were, so far as is known, the only tropical Cyclones that occurred in the Indian Ocean, South of the Equator, in the course of the year.

From the 22nd. to the 27th. of May cyclonic gales occurred in 3° N. to 15° N. and 92° E. to 60° E.

On the whole, it would appear that there was considerably less cyclonic activity in the Indian Ocean in 1886 than in 1885.

C. MELDRUM,
Director.