1849.

Month.	Temperature. Mean.	Max.	Min.	Range.	Range. Mean daily.	Range. Greatest daily.	Warm'st Day. Temp.	Date.	Coldest Day. Temp.	Date.	M. Win. dy Day. Velocity.	Date.	M. Rain'y Day. Inches.	Date.	Inches of Rain.	Inches of Snow.	No. of Days. Rain.	Snow.	Fair.	M'n Vel. Wind.
Jan.	28.10	44.0	-1.3	45.3	29.3	39.6	0		0		0		0		0					
Feb.	30.88	41.0	-16.7	58.6	18.95	31.3	0		0		0		0		0					
Mar	33.43	40.6	-7.4	41.8	14.35	24.3	0		0		0		0		0					
Apr	41.11	51.5	21.2	37.6	16.31	30.0	21	57.7	29	33.5	0		0		0					
May	53.71	70.7	33.1	16.6	17.37	32.2	27	64.5	11	41.70	0		0		0					
Jun	63.82	81.2	43.1	38.1	19.46	26.0	30	73.05	12	51.61	30	1.36	19	0.705	2.335	6.0	5	10	15	16	2.55
July	69.22	91.6	41.2	50.1	20.55	33.1	10	77.2	29	44.50	10	0.72	29	1.490	2.590						
Aug	68.41	86.4	49.3	36.0	17.79	25.4	7	74.5	26	57.51	11	0.49	13	0.230	1.770						
Sept	63.41	84.3	37.2	47.0	16.23	27.5	7	74.5	26	51.61	11	1.28	13	1.570	4.505						
Oct.	41.81	70.1	20.7	49.4	14.60	31.0	7	63.5	30	31.61	9	2.30	9	1.700	4.180	in P.					
Nov	40.82	63.7	9.0	54.7	14.10	27.2	1	60.2	30	22.7	10	0.60	11	1.450	5.603	0.4	12	2	10	21	2.45
Dec	27.61	49.4	3.0	45.5	10.72	21.1	2	40.0	15	15.61	3	2.45	7	0.405	1.215	6.0	5	9	17		.57
Sum or M'n	0	0	0	0	0	Apr.	0	July	0	Jan.	0	Nov.	0	May	0	lb.				lb.
	16.44	64.0	-16.7	16.9	15.8	39.6	10.78	29.6	-3.6	11.2	2.10	1.10	1.900	29.255	62.1	10.4	43	310		0.44

1850.

Month.	Temperature. Mean.	Max.	Min.	Range.	Range. Mean daily.	Range. Greatest daily.	Warm'st Day. Temp.	Date.	Coldest Day. Temp.	Date.	M. Win. dy Day. Velocity.	Date.	M. Rain'y Day. Inches.	Date.	Inches of Rain.	Inches of Snow.	No. of Days. Rain.	Snow.	Fair.	M'n Vel. Wind.
Jan	30.36	44.0	0.0	36.3	11.63	22.0	0		0		12.31	10	0.360		1.950	5.3	8	12	12	5.50
Feb	30.59	39.6	1.2	38.4	13.11	29.2	3	56.5	1	17.55	16.05	11	0.500		1.235	23.1	7	9	12	7.61
Mar	29.73	39.5	7.2	32.3	11.11	20.5	11	50.4	20	16.61	11.55	11	0.410		0.715	11.2	2	5	21	7.61
Apr	46.38	57.6	27.5	30.1	15.90	26.7	27	57.3	4	35.45	12.05	11	0.230		4.790	1.7	10	7	23	6.32
May	54.03	69.7	34.5	35.2	17.61	30.4	29	64.05	1	39.31	12.73	10	0.270		0.315	In P.	1	1	29	4.21
Jun	61.01	74.4	43.2	31.2	19.53	31.2	21	74.05	3	52.71	11.18	20	1.505		3.315		10	2	20	3.32
July	67.32	75.6	47.3	28.3	19.25	31.6	20	76.35	21	56.65	9.53	10	1.950		5.270		12	1	19	4.56
Aug	65.08	70.0	43.2	26.8	18.15	25.0	5	64.35	21	55.6	7.02	12	2.150		4.535		14	1	16	4.05
Sept	57.01	70.1	43.2	27.9	16.16	24.4	16	61.95	24	44.71	6.93	25	1.100		1.705		11		19	1.75
Oct.	44.09	55.9	25.2	30.7	13.25	24.0	6	53.35	31	34.05	8.25	6	0.610		2.905	In P.	13	1	17	4.75
Nov	41.56	54.1	21.2	32.9	12.22	24.5	4	50.25	30	27.05	9.02	4	0.610		2.815	1.0	10	2	19	4.25
Dec	36.56	50.8	-5.3	47.3	9.63	23.5	20	37.11	20	12.45	6.57	20	0.270		0.810	9.6	5	12	11	6.53
Sum or M'n	0	July	Jan.	0	0	Apr.	0	July	0	Jan.	0	Oct.	0		0					
	44.03	61.0	-16.7	45.7	13.60	31.6	12.79	27.1	1.1	2.10	17.20	6	0.360		22.215	43.0	97	42	206	5.17

1851.

Month.	Temperature. Mean.	Max.	Min.	Range.	Range. Mean daily.	Range. Greatest daily.	Warm'st Day. Temp.	Date.	Coldest Day. Temp.	Date.	M. Win. dy Day. Velocity.	Date.	M. Rain'y Day. Inches.	Date.	Inches of Rain.	Inches of Snow.	No. of Days. Rain.	Snow.	Fair.	M'n Vel. Wind.
Jan.	25.87	43.1	0	43.1	9.57	22.5	0		0		16.90	10	0.505		1.275	7.5	10	7	17	7.02
Feb.	32.12	50.2	1.2	49.0	10.31	30.0	20	54.4	6	10.2	11.13	21	0.570		2.690	21.1	7	7	15	6.51
Mar	33.47	50.3	5.5	44.8	12.55	27.5	29	54.5	1	16.31	15.21	10	0.610		0.770	2.1	3	3	19	7.63
Apr.	42.16	59.3	25.7	33.6	15.76	31.0	30	62.5	11	27.73	13.41	11	0.650		2.295	1.2	11	1	18	6.67
May	52.14	73.3	34.2	39.1	16.03	33.5	22	74.51	1	35.51	9.83	11	0.760		2.815	0.3	12	1	22	6.31
Jun.	59.37	76.2	43.2	33.0	16.93	26.0	23	76.05	1	45.05	11.18	10	0.760		3.023		12		20	4.12
July	62.35	77.1	47.1	30.0	17.70	21.2	17	77.35	4	50.75	7.12	9	1.155		3.023		12		19	4.12
Aug	62.71	76.7	48.1	28.6	17.11	30.4	7	69.75	5	49.31	10.31	4	0.920		1.300		14		17	4.62
Sept	60.45	76.3	42.1	34.2	17.31	30.0	12	72.4	21	43.55	22.7	20	0.610		2.065		9		21	3.45
Oct.	45.87	63.2	25.2	38.0	14.07	25.2	3	57.7	27	31.4	9.62	3	0.920		1.560	0.3	10	1	20	4.29
Nov	32.21	50.2	7.1	43.1	9.53	22.5	1	54.05	7	21.65	7.57	30	0.770		3.895	0.7	6	6	18	4.72
Dec.	21.41	41.0	14.5	26.5	12.01	27.2	30	39.35	25	9.25	14.39	27	0.325		1.075	10.7	6	13	11	7.57
Sum or M'n	0	Sept.	Dec.	0	0	Jan.	0	Sept.	0	Jan.	0	Nov.	0	Jan.	0					
	41.41	56.0	11.5	44.5	13.82	28.8	25.45	39	1.25	29	10.99	20	2.770	29	20.675	22.4	100	56	215	5.99

1846.

Month.	Temperature. Mean.	Max.	Min.	Range.	Range. Mean daily.	Range. Greatest daily.	Warm'st day. Temp.	Date.	Coldest day. Temp.	Date.	M. win. dy day Force.	Date.	M. Rai. ny day. Inches.	Date.	Inches of Rain.	Inches of Snow.	No. of days. Rain.	Snow.	Fair.	Mean force Wind.
Jan.	28.10	44.0	-1.3	45.3	20.3	39.6	0		0		lb.		0.700		2.335	6.0	5	10	16	lb. 0.55
Feb.	30.88	41.0	-16.7	57.6	18.95	31.3	3	33.95	26	-3.65	10.45	2	0.900		none	46.1	6	12	15	.43
Mar	33.43	40.6	7.4	41.2	14.35	24.3	21	39.25	2	17.11	12.24	13	0.711		1.905	2.3	5	11	20	.30
Apr	41.11	51.5	21.2	37.6	16.31	30.0	21	57.7	29	33.55	10.61	10	0.705		1.300	1.3	10	2	18	.53
May	53.71	70.7	33.1	16.6	17.37	32.2	27	64.45	11	41.70	9.13	15	1.905		4.375		9	2	22	.40
Jun	63.82	81.2	43.1	38.1	19.46	26.0	30	73.05	12	51.61	10.72	29	1.490		2.590		9	1	20	.32
July	69.22	91.6	41.2	50.1	20.55	33.1	10	77.2	29	44.50	10.46	20	2.150		3.115		9	1	21	.29
Aug	68.41	86.4	49.3	36.0	17.79	25.4	7	74.5	26	57.51	10.49	13	0.230		1.770		11	1	19	.33
Sept	63.41	84.3	37.2	47.0	16.23	27.5	7	74.5	26	51.61	11.28	13	1.570		4.505		11	1	18	.41
Oct.	41.81	70.1	20.7	49.4	14.60	31.0	7	63.5	30	31.61	9.20	9	1.700		4.180	in P.	13	2	15	.44
Nov	40.82	63.7	9.0	54.7	14.10	27.2	1	60.2	30	22.7	10.60	11	1.450		5.603	0.4	12	2	10	.64
Dec	27.61	49.4	3.0	45.5	10.72	21.1	2	40.0	15	15.61	3.45	7	0.405		1.215	6.0	5	9	17	.57
Sum or M'n	0	0	0	0	0	Apr.	0	July	0	Jan.	0	Nov.	0	May	0	lb.				lb.
	16.44	64.0	-16.7	16.9	15.8	39.6	10.78	29.6	-3.6	11.2	2.10	1.10	1.900	29.255	62.1	10.4	43	310		0.44

1847.

Month.	Temperature. Mean.	Max.	Min.	Range.	Range. Mean daily.	Range. Greatest daily.	Warm'st day. Temp.	Date.	Coldest day. Temp.	Date.	M. win. dy day Force.	Date.	M. Rai. ny day. Inches.	Date.	Inches of Rain.	Inches of Snow.	No. of days. Rain.	Snow.	Fair.	Mean force Wind.
Jan	12.57	32.9	-2.0	35.5	11.61	22.3	15	39.65	21	-5.05	lb.		1.100		2.125	7.5	7	10	19	lb. 1.69
Feb.	22.32	41.1	-0.9	41.0	12.42	26.1	27	37.65	23	6.60	31.2	25	0.470	4-0	0.530	17.3	2	13	13	.68
Mar	30.25	39.9	5.4	38.5	13.21	25.1	25	51.15	11	15.11	23.05	30	0.500		0.305	4.2	6	10	21	.71
Apr.	39.06	55.1	9.3	45.8	14.11	29.2	27	55.65	1	27.15	17.05	11	0.670	2	1.070	0.5	2	20	9	.59
May	51.55	72.1	26.7	45.4	17.25	29.5	26	72.65	11	39.05	14.35	30	0.465		2.040		12	1	19	.39
Jun	58.18	78.0	41.0	37.0	18.31	29.2	30	76.15	2	47.05	12.31	10	0.520		2.025		11	1	18	.30
July	67.05	87.6	48.2	39.4	19.60	30.0	19	76.05	5	51.05	10.95	5	0.950		3.335		5	1	23	.19
Aug	68.41	86.0	51.6	34.4	17.95	26.2	12	78.75	23	54.05	9.71	17	0.795		2.110		10	1	21	.33
Sept	51.01	64.5	33.0	31.5	11.16	21.5	5	61.05	14	45.15	10.90	6	2.650		6.005		15	1	15	.53
Oct.	42.71	61.0	30.2	31.1	13.31	25.3	3	59.15	30	26.21	25.05	17	0.140		4.290	in P.	13	2	16	.35
Nov	36.07	57.1	8.4	48.7	9.21	21.1	2	51.45	30	23.05	9.05	11	0.700		3.155	0.3	12	3	15	.35
Dec	30.02	49.6	-0.3	49.9	9.10	22.7	31	43.35	26	12.05	11.01	20	0.360		1.185	6.7	7	9	16	.35
Sum or M'n	0	0	0	0	0	Jan.	0	July	0	Feb.	0	Feb.	0	Sept.	0	lb.				lb.
	43.02	72.9	-2.0	75.1	13.01	32.3	19	78.65	6	6.05	31.2	3	2.650	4	31.960	49.8	115	59	211	0.44

1848.

Month.	Temperature. Mean.	Max.	Min.	Range.	Range. Mean daily.	Range. Greatest daily.	Warm'st Day. Temp.	Date.	Coldest Day. Temp.	Date.	M. Win. dy Day. Velocity.	Date.	M. Rain'y Day. Inches.	Date.	Inches of Rain.	Inches of Snow.	No. of Days. Rain.	Snow.	Fair.	M'n Vel. Wind.
Jan	27.11	51.7	-1.1	52.8	12.31	22.5	17	51.35	10	-1.50	12.35	11	0.520		2.215	7.1	7	16	15	6.32
Feb.	35.26	46.6	0.0	46.6	12.74	23.5	21	48.15	4	10.25	16.05	6	0.410		0.775	10.5	4	11	13	5.89
Mar	38.06	61.0	12.3	48.7	12.31	22.7	31	46.55	14	9.55	19.05	20	0.715		1.230	0.7	5	20	5	.70
Apr.	40.67	61.6	21.5	40.1	13.31	25.3	30	63.15	1	17.35	15.05	30	0.970		1.455	0.3	5	21	4	1.19
May	53.71	73.0	31.2	41.8	15.31	25.3	29	69.15	12	35.05	10.05	12	0.455		2.520		12	1	17	1.19
Jun	62.31	82.4	46.5	35.9	17.31	25.3	22	79.05	10	49.05	10.05	30	0.760		1.810		8	1	21	.41
July	65.35	86.0	51.6	34.4	17.31	25.3	20	81.05	2	51.05	9.31	21	0.310		1.890		7	1	21	1.41
Aug	63.31	87.6	52.3	35.3	17.31	30.5	4	68.05	30	53.05	7.31	7	0.455		0.855		4	1	23	1.55
Sept	53.36	74.1	32.3	41.8	12.31	30.1	16	67.05	14	31.15	10.05	17	0.620		3.115		11	1	19	1.51
Oct.	43.61	62.5	21.5	41.0	11.31	25.3	3	59.15	31	25.05	9.31	31	0.360		1.550		11	2	17	1.49
Nov	33.11	49.1	9.2	39.9	9.21	22.7	30	45.35	21	19.15	9.21	30	0.915		2.020	1.4	9	3	18	1.44
Dec.	29.12	42.5	-1.1	43.6	11.06	26.5	8	42.25	21	10.15	2.15	30	0.240		2.750	16.5	7	17	7	5.41
Sum or M'n	0	0	0	0	0	Jan.	0	July	0	Jan.	0	Jan.	0	Dec.	0					
	44.03	82.0	-11.4	46.0	11.93	25.3	15	77.45	10	4.50	15.30	2	11.20	11	22.205	46.0	98	33	225	5.15

New Planets.—A new Planet, resembling a Star of the 12th magnitude, was discovered by Professor Gasparis of Naples, on the evening of the 5th of April, 1853. The position of the Planet, when discovered, was in the Constellation Leo, in R. A. about 11h. 4m., and Decl. 6° 50′. Another Planet was discovered by M. Chacornac, at Marseilles, on the 6th of April. It resembles a Star of the 9th magnitude, and is of a bluish colour. A third Planet was discovered by Mr. Luther, at Bilk, on the 5th of May; thus making 26 members of the Asteroida Group.

Boomerang Propeller.—On a second trial of the Boomerang Propeller, in the Steamship *Genova*, the speed obtained was 10¾ knots by the log, the revolutions of the engines, being from 56 to 58, a gain of more than one knot per hour on the speed by the common screw.—*Mining Journal.*