

(i. e.) 'The Pic has put his little hat on;' and look on it as a certain sign of rain.

During the 6 or 7 years, that I lived in the villa of Oratava, as I had a continual fight of the Pic, I have several times observed the above phænomenon, and do not remember one instance, in which the prediction of rain failed.

LVIII. *Observations of the Weather in Madeira, made by Dr. Thomas Heberden, and communicated by William Heberden, M. D. F. R. S.*

Read Febr. 6, 1752. **T**HE thermometrical observations are made with Fahrenheit's thermometer, and the calculations deduced from two observations daily; at seven o'clock in the morning, and at three in the afternoon. The same method of calculation is to be understood of the barometer. The rain fell thro' a funnel 15 inches in diameter.

The Lesté, Levant, or hot winds, are very troublesome. The remedy is, to keep ourselves within-doors. October 1749, comparing 2 of Fahrenheit's thermometers together, one of them exposed on the north side of my house to the open air, the other within-doors, the difference was as follows:

	Hour	Therm. within-doors.	Therm. exposed to the air.
Lesté, Oct. 20.	10	73	81
	12	76	82
	4	77	77
MADEIRA			

[358]

MADEIRA, Anno 1749.

	Barometer			Thermometer		
	Mean Height	Greatest Height	Least Height	M. H. G. H.	L. H.	
March	29.81	30.2	29.8	64.66	70	61
April	30.075	30.2	29.8	60.7	68	64
May	29.55	30.1	29.6	66.53	69	65
June	30.017	30.15	29.75	68.75	72	66
July	30.027	30.1	29.95	74.58	75	72
August	30.013	30.1	29.95	75.07	77	74
September	30.054	30.15	29.85	76.53	78	72
October	29.841	30.	29.7	72.2	77	68 LW
Novemb.	29.68	30.	29.55	68.6	73	67
December	29.675	29.9	29.4	64.9	68	62

Anno 1750.

January	29.195	29.8	29.4	64.	68	62
February	29.692	29.75	29.5	63.8	67	61 LW
March	29.12	29.65	29.3	66.5	71	61 LW
April	29.285	29.4	29.1	66.45	68	65
May	29.775	29.9	29.5	66.25	68	65
June	29.875	30.1	29.5	69.06	72	6
July	29.887	29.95	29.8	73.	75	71
August	29.386	30.1	29.75	75.4	78	72
September	29.915	30.05	29.7	74.93	77	72
October	29.797	29.9	29.5	73.87	77	70
Novemb.	29.875	30.05	29.55	70.825	76	67
December	29.843	30.2	29.5	66.27	74	64

N. B. LW signifies a Levant or hot wind, in Feb. and March.

An

An Account of the Quantity of Rain, which has fallen in the Island of MADEIRA.

Anno	1747	1748	1749	1750
	Inch. Dec ^r .	Inch. Dec ^r .	Inch. Dec ^r .	Inch. Dec ^r .
January	20 .525	8. 600	2 .097	7 .150
February	.485	10. 958	1 .203	1 .771
March	4. 339	5. 241	.932	1 .123
April	.528	. 722	.777	.039
May	.353		5 .290	1 .087
June	1 .321	. 420	.113	.226
July	.200			.176
August	.018	2 .700		.003
September	.540	.810	.855	1 .682
October	.010	3 .303	1 .512	6 .601
November	5 .181	2 .654	3 .059	5 .611
December	7 351	1 .500	6 .527	1 .882
	140 .851	37 .508	22 .365	27 .351

The years 1749 and 1750, were such dry years, that the corn was destroy'd, and the fruit-trees suffer'd much, particularly the peach-trees, the fruit either falling to the ground, whilst green, or, if it remained longer on the tree, being full of white worms.