

XI. *Abstract of a Register of the Barometer, Thermometer, and Rain, at Lyndon, in Rutland, 1780. By Thomas Barker, Esquire.*

Read May 3, 1781.

		Barometer.			Thermometer.						Rain.	Mean rain.	
		Highest	Lowest.	Mean.	In the House.			Abroad.				10 yrs.	44 yrs.
					High.	Low.	Mean	High.	Low.	Mean		71—80	36—80
Jan.	Morn.	29,89	28,16	29,39	39	28	34	36 $\frac{1}{2}$	15 $\frac{1}{2}$	27	1,013	1,677	1,573
	Aftern.				40	29	35	43	22 $\frac{1}{2}$	32			
Feb.	Morn.	30,06	28,72	29,49	44	33	37	41	22	31	1,572	1,871	1,378
	Aftern.				44 $\frac{1}{2}$	34	38	46	30 $\frac{1}{2}$	39			
Mar.	Morn.	29,94	28,99	29,47	51 $\frac{1}{2}$	41 $\frac{1}{2}$	46	49	30	40	1,175	1,355	1,315
	Aftern.				53 $\frac{1}{2}$	43 $\frac{1}{2}$	47 $\frac{1}{2}$	61	45	51			
Apr.	Morn.	29,77	28,40	29,21	53	40	46	52	29 $\frac{1}{2}$	38	2,727	1,314	1,465
	Aftern.				55	41 $\frac{1}{2}$	46	60	38	48			
May	Morn.	29,83	28,80	29,48	67	51	55	65	40 $\frac{1}{2}$	50 $\frac{1}{2}$	1,201	2,081	1,610
	Aftern.				72	52 $\frac{1}{2}$	57	80 $\frac{1}{2}$	53	61			
June	Morn.	29,89	29,26	29,55	65 $\frac{1}{2}$	52	57 $\frac{1}{2}$	62 $\frac{1}{2}$	43	53 $\frac{1}{2}$	1,920	2,374	2,249
	Aftern.				71 $\frac{1}{2}$	52 $\frac{1}{2}$	59	80	51	64			
July	Morn.	29,87	29,21	29,61	69 $\frac{1}{2}$	58 $\frac{1}{2}$	63	65	51 $\frac{1}{2}$	57 $\frac{1}{2}$	1,566	2,507	2,516
	Aftern.				71 $\frac{1}{2}$	59 $\frac{1}{2}$	64	83	61	69 $\frac{1}{2}$			
Aug	Morn.	29,81	29,43	29,65	68	61 $\frac{1}{2}$	64	63	52	58	0,432	2,468	2,247
	Aftern.				72	63	66	81 $\frac{1}{2}$	63	70			
Sept.	Morn.	29,79	28,70	29,38	70	53	61	61	43	52	3,427	3,142	2,016
	Aftern.				73 $\frac{1}{2}$	53 $\frac{1}{2}$	63	82	53 $\frac{1}{2}$	65			
Oct.	Morn.	29,87	28,20	29,23	58 $\frac{1}{2}$	46 $\frac{1}{2}$	51	56	33 $\frac{1}{2}$	44	3,080	2,975	2,158
	Aftern.				59	48	52	64	45 $\frac{1}{2}$	53			
Nov.	Morn.	30,00	28,62	29,41	50	38 $\frac{1}{2}$	43	48 $\frac{1}{2}$	19 $\frac{1}{2}$	36	1,461	2,372	1,943
	Aftern.				50 $\frac{1}{2}$	38 $\frac{1}{2}$	43 $\frac{1}{2}$	48	31	40			
Dec.	Morn.	30,08	29,22	29,83	45	35	40	46 $\frac{1}{2}$	26	35	0,534	1,889	1,740
	Aftern.				45 $\frac{1}{2}$	35	40 $\frac{1}{2}$	50	30 $\frac{1}{2}$	38 $\frac{1}{2}$			
											20,108	26,024	22,210



The three driest seasons from one month to twelve are the same as in vol. LXI. except the following.

Months						
2			Feb. and Mar. 79	0,370	Jan. and Feb. 79	0,451
3	Jan.—Mar. 79	0,582	Dec. 42—Feb. 43	0,934	Jan.—Mar. 40	0,942
7					Oct. 39—Apr. 40	0,543
10			Oct. 40—July 41	10,174		
12	Sept. 40—Aug. 41	13,427				

The three wettest seasons from one month to twelve are entirely different from those in vol. LXI.

Months.						
1	Sept. 74.	8,000	Nov. 70	7,818	May 73	6,843
2	Aug. and Sept. 74	11,910	Oct. and Nov. 70	10,932	Aug. and Sept. 75	10,430
3	July—Sept. 74	15,137	July—Sept. 75	14,508	Oct.—Dec. 70	13,545
4	July—Oct. 75	17,988	June—Sept. 74	17,620	Oct. 70—Jan. 71	14,958
5	July—Nov. 75	21,558	May—Sept. 74	20,762	Aug.—Dec. 70	17,038
6	July—Dec. 75	22,654	April—Sept. 74	22,285	Jun.—Nov. 70	18,978
7	July 75—Jan. 76	25,165	Mar.—Sept. 74	25,013	July 63—Jan. 64	22,902
8	July 75—Feb. 76	28,360	Feb.—Sept. 74	26,959	May—Dec. 73	25,623
9	Jan.—Sept. 74	30,267	July 75—Mar. 76	29,878	May 73—Jan. 74	28,931
10	Dec. 73—Sept. 74	33,164	May 73—Feb. 74	30,877	July 75—April 76	30,765
11	Nov. 73—Sept. 74	36,769	May 73—Mar. 74	33,605	July 75—May 76	32,392
12	Oct. 73—Sept. 74	39,390	May 73—April 74	35,128	May 75—April 76	34,877

The year began with frost, and was perhaps the severest winter since 1740, but there was not a great deal of snow, and in general it was calm. The frost was not so steady as it was that winter, there being several breaks in it; but was very sharp, and the ice was never entirely gone for nine or ten weeks together from December 22, till near the end of February, when it went away without wet, leaving the ground remarkably light and fine, and the weather grew mild, and continued so most part of March; but the coldness of the ground hindered the grass from growing greatly till toward the end of the time. The seed-
time

time was fine and good, and the grain came up very well, but the first three weeks of April were cold, backing, and often frosty. Toward the end it was more showery, warmer and growing, and from that time the spring continued to come on, and there were so few N.E. winds that ships found a difficulty in getting down the channel, which is very unusual at that time of year, and all the spring from the end of February till toward the end of June was very windy, chiefly N.W. and S.W.

In the former part of summer there were at times very hot days; but the season was oftener cool; many little showers, which in some countries were so small there was want of rain and grafs, here we did pretty well. The hay-time was fine, but the crop small. The harvest was exceedingly well got: the barley and oats good, and some of the wheat; but the late-sown was thin through the severe winter, and in several places the wheat was mildewed, which could not be by wet such a year as this; but by this means wheat became three times the price of barley, being 50 and 52 shillings a quarter, and barley 16 or 17 shillings. From the latter part of July to the beginning of September it was very dry, hot, and burning; much scorching sun, the ground very much burnt up, and great want of water; but the N.E. winds, which came at this time of year instead of the spring, were sometimes fresh and cool.

The beginning of September the rains began, and for above two months there was a good deal, with such fine and warm weather, that there was good grafs, a pleasant autumn, and very few frosty mornings, and the ground, which before was so dry, did not get much dirty with it. The wheat feed-time was fine, and the weather mild till the middle of November, when

when a hard frost, with snow, made people think of a hard winter; but it grew mild again, was chiefly dark and cloudy, but little rain, and drying a good deal of December; remarkably calm, but near a week's frost about Christmas.

The sickly seasons, which began in August 1779, continued more or less all the year; and about the same time of the year increased again. There were great numbers of fevers and agues, especially in and near the fens, which were very obstinate, and did not yield to the usual medicines, but frequently returned again, and hung very long on the patients.

