

XIX. Abstract of a Register of the Barometer, Thermometer, and Rain, at Lyndon, in Rutland, 1794. By Thomas Barker, Esq. Communicated by Thomas White, Esq. F. R. S.

Read June 18, 1795.

		Barometer.			Thermometer.						Rain.
		Highest.	Lowest.	Mean.	In the House.			Abroad.			Lyndon.
					High.	Low.	Mean.	High.	Low.	Mean.	
		Inches.	Inches.	Inches.	°	°	°	°	°	°	Inches.
Jan.	Morn. Aftern.	30,03	28,06	29,50	42 42½	31 32½	36 36	43 48	23 27	32 37	0,417
Feb.	Morn. Aftern.	29,77	28,89	32	49 56	41 41	45 45½	51 56	36½ 41	43 48	1,396
Mar.	Morn. Aftern.	29,98	28,97	42	49½ 50	42 42½	45½ 47	50 55	32 41	41 49½	1,656
Apr.	Morn. Aftern.	29,96	28,47	42	59 61½	44 45	51 53	55½ 74	36 41	46 58	1,990
May	Morn. Aftern.	30,11	28,96	52	60 62	49 51	53½ 55	59 71	41 49	48 59	1,039
June	Morn. Aftern.	29,88	29,23	59	65½ 70½	53 54½	60 61½	68 86	46 53	55½ 69½	0,708
July	Morn. Aftern.	29,93	28,96	54	70 73	61½ 62	66 68	67 81½	56½ 68	62 76	4,199
Aug.	Morn. Aftern.	29,82	28,96	44	66½ 68½	57 59	61 63½	64 76½	47 60	56 67½	2,881
Sep.	Morn. Aftern.	29,89	28,66	40	60½ 63	48½ 50	56½ 57½	60 69	36 48	50 59½	3,573
Oct.	Morn. Aftern.	29,88	28,54	33	56 57	44 45	51 53½	57 62½	35½ 42	46 53	3,535
Nov.	Morn. Aftern.	29,71	28,60	24	49 51	38½ 39	45 46	52 55	31 36	41½ 45½	3,963
Dec.	Morn. Aftern.	29,92	29,01	44	50 50	31½ 32	40 40½	53 53	25½ 29	36 38½	1,219
June 22 to July 21		29,93	29,26	29,62	{ 70 73	61½ 63½	66 68	68 86	57 68½	62 77	26,576

THE year began with frost, but a broken one, neither severe nor settled, with much sun, calm weather and pleasant, yet the ice was scarce gone at the end of January ; in the latter part of the month there were some strong winds, which were more frequent afterward ; showery, mild, almost without frost, pleasant and forward. Several autumnal flowers continued in blow all winter ; the winter ones were early, and the spring ones forward ; many anemonies, which are properly a spring flower, were blowing all winter, but had not then their full colours which they have in their season. This open winter was not a wet one, which was very convenient, as fodder was scarce, and turnips late and small, but were much mended by the mild autumn. The ground was green almost all winter ; and there were very few NE winds in March and April, and there was pretty good grass in that last month, which was a great advantage when a colder season came on in May. Oaks began to be cut soon after the 20th of April, and the hawthorns to blow before the end of the month.

With May began a colder season, with frequent frosty mornings, blasting the fruit after it appeared set, and also the young leaves very much, and more northerly winds, especially toward the end of the month, and the former part of June ; for they seldom fail of coming sooner or later in the spring ; yet the weather was often fair, fine, and pleasant, but the ground getting too dry. The latter part of June and most of July was remarkably hot, and for the most part burning ; but some single large rains in July, particularly toward the end of it, prevented its burning so much here as it did in the south of England, where the drought was greater, and lasted much longer ; there they suffered very much by it ; but from

the forwardness of the beginning of spring we were never without grass, though it was burnt. There were good crops of hay on some of the low moist meadows, but the uplands and late laid were light. The heat of June and July, and middle of August, brought things very forward. Harvest began about July 20, and was nearly finished in August: the crops did not look much amiss upon the ground, but disappointed people, for they yielded badly, especially beans and pease, of which there were very few; barley and oats were the best; but the scarcity of other things made them also dear. Myrtles flowered very fine this summer, because they began in July, which is sooner than usual; they are apt not to begin till the warm weather is almost over. The harvest was in general well got, but not so well at the end as at the beginning, for there were 18 inches of rain in five months, from July to November; great single rains in July, fits of wet in August and September, and almost daily in October and November, with floods and storms; this made great plenty of grass; but the ground became wet and soft, and much trodden, and the turnips were not so good as might have been expected. The crop of fruit was very uncertain; in some places it was very scarce, in other places there was a good deal; but in most the apples rotted extremely. The hedge fruits were in great abundance, excepting ash-keys, of which most people said there were none at all.

The autumn though wet, was mild; swallows and martins did not go away till about October 18; the autumnal flowers continued till December, anemonies were then in flower; winter and spring flowers were forward, and the leaves of the spring crocus appeared. But the latter half of December the

scene altered, and the frost began; it was a mixture of severe and moderate frost, falling and melting snows, and floods, with hard frost and breaks; the beginning of a very severe winter, which lasted long into the next year.