

Received February 8, 1770.

XXI. Meteorological Observations at Ludgvan in Mount's-Bay, Cornwall, 1769:
By William Borlase, D. D. F. R. S. Communicated by Dr. Jeremiah Milles, Dean of Exeter, and F. R. S.

Month.	Barometer.	State of the Weather and Wind.	Fahrenheit's Thermom.	Omb.
January	Highest 7 30, 12 Lowest 24 29, 10	Calm, cloudy, and showery to the 14th, the rest stormy and windy, rain; sleet on the 30th; calm and a slight frost on the 31st. Wind from all points nearly equal.	Med. Highest 28 5 1½ } Lowest 21 33 }	Inches. 6 0 0 4 1 0 0
February	Highest 20 30, 5 Lowest 4 29, 3	Rainy and showery, without frost, snow, or hail, to the 8th; on the 9th and 10th hail-showers with some sleet; hail again on the 22d and 24th; the rest rainy, windy, stormy; wind 17 days from the North, the rest mostly from the West.	Highest 27 57 } Lowest 12 35 }	4,640
March	Highest 24 30, 40 Lowest 11 28, 83	Showery, not much rain; windy, rather than stormy; fair 12 days; wind 17 days from the West, rest nearly equal.	Highest 19 52 } Lowest 31 34 }	2,240
April	Highest 30 30, 21 Lowest 9 28, 66	Showers of snow and hail on the 1st; ditto on the 4th with sunshine; none on any other day, nor then, any lying; calm and fair 12 days, the rest windy; about the middle stormy. Wind 17 days North, rest nearly equal.	Highest 29 66 } Lowest 1 57 }	1,690

May

Month.	Barometer.	State of the Weather and Wind.	Fahrenheit's Thermom.	Omb.
May	Highest 2 30.36 Lowest 27 29.23	Calm and fair to the 11th, ditto 15, 16, 21, 23, 24, 25, 29, 30; rest windy with rain. Wind 19 days from the North, 15 from the East, South and West equal.	Highest 4 67 } Lowest 12 46 }	Inches. 4,010
June	Highest 19 30.10 Lowest 16 29.47	Rainy, windy and showery; 8 days only calm mixed with fair, and sunshine. Wind 15 days North, 19 days West, rest nearly equal.	Highest 30 64½ } Lowest 3 49 }	4,100
July	Highest 25 30.13 Lowest 16 29.58	Half this month we had calms, partly with fair weather, and partly with fogs and mists, rest variable, without extremes; 24 days the wind blew from the West, mixed with other winds nearly equally.	Highest 5 72 } Lowest 19 55 }	1,320
August	Highest 17 30.3 Lowest 30 29.28	Twelve days we had calms; some fair, some cloudy, some showery, rest windy, rain and showers. Wind blew 26 days from the West, 18 from the South, rest more North than East.	Highest 3 67 } Lowest 23 51 }	3,550
September	Highest 30 30.22 Lowest 12 29.20	Seventeen calm days, rest a mixture of all. Wind 26 days from the West; as to the rest, the North prevailing.	Highest 6 65 } Lowest 30 50 }	3,700
October	Highest 13 30.20 Lowest 31 29.1	Half this month fair and calm; rest fogs, windy and rains. Wind 26 days from the East, 16 days from the North, South and West nearly equal.	Highest 1 59 } Lowest 6.42 }	2,250
November	Highest 27 30.40 Lowest 8 29.12	Stormy, rainy, few mists or calms, frost only one morning, the 19th; a storm on the 4th; a violent storm on Friday the 24th, the extreme between ten and twelve P. M. Wind mostly West (viz. 18 out of 30), rest mixed,	Highest 3 57 } Lowest 19 36 }	6,350

Month.	Barometer.	State of the Weather and Wind.	Fahrenheit's Thermom.		Ombr.
December	Highest 1 30.36 Lowest 23 28.44	Stormy and rainy for the most part; rest hazy, showery, cloudy with a few calms. A storm the 22d and 23d. N.B. from the 22d, 9 P. M. to the 23d, 7 A. M. (viz. in ten hours) the Barometer fell 7.2°; and on the 23d at noon was down to 28.44 i. e. very low for this station. Wind 23 days from the West, rest equal.	Highest 10 53 Lowest 1 38	Med. } 46 ² / ₃ } 46 ¹ / ₃	Inches. 4.190

Total Rain this Year 1769, 42, ⁷³/₁₀₀₀