

XXIII. *Extract of Meteorological Observations made at Hawkhill, near Edinburgh. By John M'Gouan. Communicated by Sir John Pringle, Bart. P.R.S.*

Read February 26, 1778.

Lat.  $55^{\circ} 58'$ . } Long.  $12^{\circ} 42''$ . in time, per  
Long.  $3^{\circ} 10\frac{1}{2}'$ . W. } Astronomical Observations.

Fahrenheit's Thermometer.

1773.					1774.		
Months	1st and 2d half	at 8 h.	A. M.	at 2 h. P. M.	at 8 h.	A	at 2 h. P. M.
January	{ 1 2	{ 39.06 38.06	38.56	40.30	{ 28.46 29.75	29.10	33.00
February	{ 1 2	{ 32.14 38.00	35.07	40.75	{ 34.14 38.28	36.21	40.43
March	{ 1 2	{ 40.46 43.66	42.06	48.45	{ 34.06 40.18	37.12	43.26
April	{ 1 2	{ 42.40 48.80	45.60	51.10	{ 43.13 43.13	43.13	48.90
May	{ 1 2	{ 44.33 52.81	48.57	53.13	{ 46.73 46.50	46.61	50.84
June	{ 1 2	{ 54.13 56.26	55.19	60.06	{ 54.80 55.40	55.10	59.70
July	{ 1 2	{ 56.33 59.06	57.70	61.93	{ 57.40 57.50	57.45	63.32
August	{ 1 2	{ 60.40 56.12	58.26	64.77	{ 58.13 56.37	57.25	62.21
September	{ 1 2	{ 53.26 49.33	51.29	55.83	{ 52.40 51.00	51.70	57.80
October	{ 1 2	{ 47.20 44.87	46.03	50.67	{ 51.06 45.50	48.28	52.84
November	{ 1 2	{ 41.53 34.93	38.23	42.33	{ 40.63 35.50	38.06	42.00
December	{ 1 2	{ 35.60 37.25	36.42	38.48	{ 37.40 37.25	37.32	39.97
Mediums of years at	{ 8 h. A. M. and 2 h. P. M.	46.08		50.65		44.86	49.55

1775.

1775.					1776.	
Months.	1st and 2d half	at 8 h.	A. M.	at 2 h. P. M.	at 8 h.	A. M.
January	{ 1 2	{ 39.10 36.50 }	37.80	40.80	{ 33.33 25.16 }	29.24½
February	{ 1 2	{ 37.64 40.50 }	39.07	43.96	{ 36.32 35.00 }	35.66
March	{ 1 2	{ 39.80 40.31 }	40.05	44.32	{ 37.60 44.12 }	40.86
April	{ 1 2	{ 44.83 48.83 }	46.83	53.35	{ 43.60 48.20 }	45.90
May	{ 1 2	{ 52.60 52.88 }	52.74	59.61	{ 47.36 51.22 }	49.29
June	{ 1 2	{ 55.66 57.53 }	56.60	60.43	{ 55.00 56.00 }	55.50
July	{ 1 2	{ 58.20 60.06 }	59.13	67.53	{ 58.16 60.56 }	59.36
August	{ 1 2	{ 59.10 56.21 }	57.65	63.67	{ 58.60 54.86 }	56.73
September	{ 1 2	{ 53.20 53.33 }	53.26	58.87	{ 55.00 48.60 }	51.80
October	{ 1 2	{ 48.86 41.75 }	45.30	50.22	{ 48.60 45.38 }	46.99
November	{ 1 2	{ 38.00 37.93 }	37.96	41.10	{ 45.80 36.13 }	40.97
December	{ 1 2	{ 41.16 36.00 }	38.58	41.48	{ 42.54 33.00 }	37.77
Mediums of years at	{ 8 h. A. M. and 2 h. P. M.		47.08			45.84
				52.11		

Depth.

Depth of rain at Hawkhill, near Edinburgh, in perpendicular inches, for the year 1776.

				Inches
January	—	—	—	3.262
February	—	—	—	2.355
March	—	—	—	1.465
April	—	—	—	1.213
May	—	—	—	.626
June	—	—	—	2.367
July	—	—	—	3.075
August	—	—	—	2.410
September	—	—	—	2.755
October	—	—	—	1.735
November	—	—	—	2.750
December	—	—	—	2.080
Total rain				26.093

