

RAINFALL AT Leithwaite

Bashall Lodge

Observer W. Garnett Esq.^A

53° 32' 20" N 2° 27' 49" W

Rain { By.....

Gauge { Diameter.....

Height above Ground, 1 ft. 10 in.

Above Mean Sea Level 220 ft.

YEAR.....					1866	1867	1868	1869	MEANS.
January					6.42	6.01	4.15	4.15	
February					6.23	4.91	5.37	10.09	
March					2.56	1.61	7.59	2.16	
April					1.25	8.39	2.10	3.32	
May					2.12	2.27	1.86	4.20	
June					4.72	2.10	4.92	2.01	
July					6.53	6.68	81	1.24	
August					6.38	2.68	4.34	3.56	
September					11.03	4.90	2.48	10.05	
October					3.69	5.95	7.46	3.69	
November					10.96	1.72	4.79	7.00	
December					8.95	6.75	10.02	6.19	
TOTALS					70.84	51.97	51.46	57.66	

2 miles due N of Stonyhurst, under the end of the hill 1100 ft. high on the SE flank of which Stonyhurst stands. This here is perhaps the wettest district in Lancashire (nearly I am in fact within a smethrow of Lancashire) lying Eastward of Morecambe Bay. Here we have 10 per cent more rainfall than at Stonyhurst 10 miles away though I am 180 feet lower. The two hills which I live near or I may say between over the first from the Irish Channel one as I said 1100 ft high the other 1700, these are the first hills in a west wind (the wet wind here) against which the rain saturated clouds knock their heads after leaving the sea.

RAINFALL AT Bashall Lodge [Clitheroe]

Lat..... Lon..... County of..... Yorkshire N.W.R.
 Rain Gauge, by..... Observer W. Garnett Esq.

Diameter	5										
Height	110										
Altitude	205. ⁷⁵ 217.0										
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....	5.44	1.83	6.27	7.73	7.08	6.68	3.82	8.66	5.63	1.53	5.467
February.....	7.49	4.68	5.84	1.03	1.85	1.56	6.64	5.59	1.96	2.41	3.305
March.....	2.73	2.23	4.60	3.62	6.86	1.17	4.71	4.16	3.09	2.47	3.564
April.....	2.32	4.09	3.50	.75	1.53	1.82	2.55	2.92	1.73	1.24	2.245
May.....	1.86	1.91	3.42	2.89	1.72	2.99	.65	3.09	4.59	2.38	2.550
June.....	2.95	3.69	5.52	4.09	6.6	4.57	4.52	2.63	3.42	4.38	3.643
July.....	2.48	8.25	5.52	4.50	4.74	5.46	5.01	5.38	1.13	7.11	4.958
August.....	3.71	2.44	5.74	6.69	8.89	4.03	4.87	6.97	6.88	8.52	5.874
September.....	3.72	4.07	11.83	2.92	6.47	6.10	5.45	5.01	5.49	3.73	5.479
October.....	14.43	7.03	9.51	9.84	7.14	4.13	3.43	7.57	5.95	4.30	7.333
November.....	3.83	1.76	6.97	3.87	5.47	6.48	3.70	8.50	3.59	1.26	4.543
December.....	4.29	4.03	5.58	2.57	3.74	2.87	6.39	6.35	2.14	3.69	4.165
TOTALS.....	49.25	46.01	74.30	50.50	56.15	47.86	51.74	66.83	45.60	43.02	53.126

1876 No trees within 60 yds of gauge.