

Barnard Castle
 Stubb House, Winston
 Whorlton, Teesdale

Copy 50

Thos. Dodgson Esq: J: 2

M.P. Ret: N: 16

Diam: 5 in.; + ground 9 in;

+ Sea Level 460 ft.

YEAR - -	1850	1851	1852	1853	1854	1855	1856	1857	1858	1859	MEANS.
January - -								1.66	2.16	.39	1.09
February - -								1.40	1.39	.35	.86
March - - -								.55	3.65	.58	2.27
April - - -								2.49	1.51	.68	3.60
May - - - -								2.68	1.84	1.52	.20
June - - - -								2.64	2.02	2.77	2.70
July - - - -								2.64	1.04	3.77	3.21
August - - -								4.34	2.42	2.81	2.16
September -								3.11	2.62	2.83	2.83
October - -								1.56	2.65	2.07	2.10
November -								.47	2.18	1.96	3.22
December -								3.79	.45	1.43	2.50
TOTALS -								27.30	23.93	21.16	26.74

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6-8 given in Tyne-side Nat Club Trans

6.8 correct, & has May 1.32, Oct 2.70, Sep 2.82

April .66 total 21.56

Stubb House Winston Durham
Barnard Castle

Thos. Dodgson Esqr.

Mys Rec. N^o. 16,

Diam: 5 in ; + ground ⁱⁿ 9. ; + Sea level 460 ft

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -	1.74	.78	2.00	4.15	1.53	1.12	2.64	2.96			
February - -	.86	2.01	.99	.84	1.58	1.33	2.16	1.34			
March - - -	2.59	2.19	4.11	1.75	3.89	1.20	2.30	1.92			
April - - -	1.16	1.57	1.88	.74	1.08	1.10	2.24	2.27			
May - - -	1.81	.34	2.72	1.32	1.25	3.24	.67	2.16			
June - - -	5.78	1.93	2.19	3.20	1.71	.90	2.72	1.08			
July - - -	2.07	3.30	3.20	1.05	.51	2.17	3.73	2.65			
August - -	3.78	1.66	1.92	3.37	1.55	4.53	2.67	2.07			
September -	1.35	2.83	1.10	2.29	1.79	.16	4.83	1.28			
October - -	2.07	1.25	2.90	3.63	5.12	6.54	1.12	1.03			
November -	2.07	5.11	1.01	2.35	2.20	2.01	1.99	0.00			
December -	4.20	1.63	1.82	1.56	2.55	2.35	2.26	1.89			
TOTALS -	30.28	24.54	25.84	26.25	34.26	26.73	29.33	20.65			

c c c c c c c

RAINFALL AT Barnard Castle, Whorlton

80

Lat.

Lon.

County of Durham

Rain Gauge, by

Observer Miss Dodgson

Years 1

Diameter	5"										
Height	0. 11										
Altitude	424										
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January	1.41	2.53	1.42	3.58	4.56	2.17	1.96	2.20	.61	.53	
February	2.62	3.97	1.96	2.79	1.35	1.67	.65	.88	2.09	1.32	
March	3.32	1.82	1.59	2.22	2.28	2.53	1.75	4.47	2.78		
April	1.42	3.96	2.24	1.67	1.81	2.68	1.09	1.71	3.44		
May	1.31	1.37	1.68	.65	3.28	5.14	1.77	1.06	1.42		
June	1.71	3.47	1.90	1.44	1.86	.80	.44	2.82	.15		
July	3.03	3.09	3.54	6.42	.32	4.54	1.59	5.56	2.24		
August	1.96	5.80	2.07	1.20	.93	1.58	1.16	2.31	1.54	3.53	
September	4.27	3.71	2.77	4.21	1.47	2.08	1.89	3.25	1.10	.77	
October	4.26	4.08	2.80	2.66	1.34	4.45	5.17	1.67	.48	4.91	
November	2.72	2.67	3.72	1.59	1.31	2.03	3.04	3.65	6.10	1.39	
December	2.05	3.33	3.75	1.19	2.30	.81	3.50	1.87	.83	1.18	
TOTALS	36.88	32.20	28.17	24.71	24.33	33.06	22.47	28.37	23.66		

1882 Whorlton Church 300 yards S
Garden Wall 4 ft high 6 ft N

RAINFALL AT Barnard Castle Whorlton

Lat.

Long.

County of Durham

Rain Gauge, by

Observer

M. J. Dodson

feet 1.

Diameter	5										
Height	0	11									
Altitude	424	T									
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	2.89	1.44	1.27	1.84	2.34						
February	1.21	.05	2.89	2.86	4.42						
March	2.02	2.02	1.14	.73	1.69?						
April	1.20	3.57	1.43	.56	1.70						
May	2.02	1.54	2.82	2.07	3.14						
June	2.81	1.06	3.66	1.00	3.37						
July	2.26	3.63	1.68	3.41	2.07						
August	4.42	4.04	4.27	2.28	2.21						
September....	1.28	1.84	2.77	1.11	.92						
October.....	1.54	3.71	4.98	1.23	4.41						
November....	3.54	3.01	1.21	1.69	1.43						
December....	1.32	3.46	46	2.43	1.74?						
TOTALS	26.54	29.37	28.58	21.21	29.48						

600

1890 St Martin's Whorlton 300 yards S

Wall 4 ft 2 in high 6 ft 6 in N

1894 Short in March & S in Dec? probably not properly measured

RAINFALL at Winston-on-Tees.County of DurhamObserver Edwin Hardy EsqRiver Basin Tees &c.

Rain Gauge, by _____

Diameter ...											5
Height											0.8
Altitude.....											365
Year	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January.....											
February ...											
March											5.21
April											1.69
May89
June48
July											2.04
August											1.62
September...											.59
October.....											3.87
November...											up
December ...											up
TOTALS ...											20

1919 School 25 ft high 15 yds W.

Date.	Lat. N.	Long. W.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1919	54°31' 10.45'		Winston N.E.R	3 mi	N	Winston Parish	3 mi	ESE

RAINFALL at Winston-on-TeesCounty of DurhamObserver E. Hardy Esq.River Basin Tees & C. I.

Rain Gauge, by _____

Diameter ...	5"									MEANS.
Height	10									
Altitude ...	390									
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929
January ...	4.36	4.77	3.55							
February ...	8.4	.03	2.35							
March	2.46	.68	1.33							
April.....	3.80	.26	1.95							
May	2.51	.69	.96							
June58	.15	1.18							
July	3.80	1.58	3.48							
August60	4.17	1.67							
September...	.79	.63	4.45							
October.....	1.22	1.56	2.29							
November...	.93	2.03	.46							
December...	3.62	2.73	3.91							
TOTALS...	25.51	19.28	27.56	4						
	2	1	2	4						

1920 House 25 ft high 20 yrs W
Tees 30 " " 20 " SSWPosition of Station on reduced Ordnance Survey } No. of Map _____ Reference No. _____
Map, 2 miles to 1 inch Series }

Date.	Lat. N.	Long. W.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge	Direction from gauge
1920	52° 3' N	1° 4' W	Winston	5 fms	N	Winston	1/4 mi	E S E