

Darlington  
Hartlepool, Hanworth Grange & Croft

80

RAINFALL AT

Lat. .... Lon. .... County of ....  
Rain Gauge, by .... Observer J. E. Backhouse Esq.

Diameter	5										
Height	1.0										
Altitude	161										
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January							3.62	1.91	.67	.98	
February							.64	.89	1.28	1.19	
March							2.48	1.72	3.14	2.94	
April							2.16	1.09	2.45	2.55	
May							4.42	1.76	.62	2.45	
June							.69	.58	2.03	.29	
July							4.34	1.16	3.82	2.25	
August							1.58	1.84	1.77	3.37	
September							1.73	2.86	1.35	.74	
October							4.39	1.83	.43	4.71	
November							2.81	2.96	3.51	.86	
December							3.63	1.63	1.06	1.49	
TOTALS							32.49	20.23	22.13	23.82	

Hanworth Church  $\frac{2}{3}$  mile E.

1886 Garden Wall 13 ft. high. 75 ft. W.

1888 Wall 13 ft. 102 ft. N.

\* 13 ft. 120 ft. E

RAINFALL AT Darlington Hurworth Grange

Lat.

Long.

County of Durham

Rain Gauge, by

Observer J. E. Backhouse Esq

See 1.

Diameter .....	5										
Height .....	1.0										
Altitude .....	161										
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January .....	2.40	1.18	1.34	1.64	1.70	4.04	.99	1.48	.89	2.61	1.827
February .....	1.14	.03	1.99	1.87	2.91	.94	.46	1.59	1.27	1.65	1.385
March .....	1.73	1.44	.96	.42	.96	2.38	2.33	2.57	1.59	1.01	1.539
April .....	.83	2.61	1.52	.60	1.84	1.68	.64	2.00	2.16	2.26	1.614
May .....	2.11	1.64	2.40	2.67	2.23	.72	.42	1.58	1.81	3.50	1.908
June .....	2.50	.54	3.64	.90	3.91	1.88	3.45	2.19	2.29	2.05	2.835
July .....	1.41	4.44	1.31	2.22	2.20	5.65	2.03	1.15	.87	1.82	2.310
August .....	4.82	3.91	4.04	2.45	2.00	2.06	1.25	2.88	2.06	1.33	2.680
September .....	2.25	2.08	1.90	1.52	.47	.92	3.26	2.07	.26	3.04	1.777
October .....	1.35	3.00	4.86	1.13	4.91	3.52	3.48	2.14	3.04	2.31	2.977
November .....	3.55	2.34	1.15	2.38	.97	3.12	1.11	2.08	2.56	2.07	2.138
December .....	1.33	2.94	.99	2.22	1.76	1.85	3.54	2.55	1.61	3.03	2.182
TOTALS .....	25.45	26.15	26.10	20.02	25.86	28.76	22.96	24.28	20.41	26.68	24.667

1890 Hurworth Church 3/3 mile E

Wall 13 ft high 75 ft W 102 ft N 120 ft E

RAINFALL AT Darlington Hurworth Gauge

Lat.

Lon.

County of

Durham

Rain Gauge, by

Observer Mrs Backhouse

Dec -1.

Diameter ..	5										
Height ....	1.0										
Altitude ..	161 ft										
Year ....	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MENS.
January ..	2.76	1.63	.73	2.54	2.26	.51	2.79	.64	.98	.95	1.579
February ..	5.34	1.18	1.11	1.50	1.97	.85	1.14	1.29	1.81	1.20	1.739
March ....	1.21	2.27	.86	2.70	1.99	1.70	1.17	.92	3.57	4.03	2.041
April.....	1.18	1.58	1.61	1.09	1.57	3.02	1.00	1.90	2.17	2.03	1.715
May .....	1.58	1.29	2.03	3.47	3.59	.91	2.99	3.99	1.64	1.04	2.273
June .....	2.97	1.71	2.03	1.97	1.84	1.22	.89	3.32	.55	2.10	1.860
July .....	2.75	3.88	2.71	3.74	2.22	.88	2.11	2.24	3.21	2.21	2.595
August....	6.29	1.26	1.96	1.93	2.60	3.47	2.78	1.45	1.16	5.05	2.795
September..	.85	1.37	.83	2.85	1.59	2.21	.44	.55	2.36	1.68	1.473
October....	5.07	1.96	2.97	7.06	.74	1.70	4.43	4.20	1.41	2.48	3.202
November ..	2.84	5.08	1.17	1.43	1.59	4.56	2.61	2.56	1.22	.68	2.324
December ..	1.75	3.45	1.86	1.81	2.00	.41	2.37	2.90	.88	3.60	2.103
TOTALS ..	34.09	26.66	19.86	32.09	23.96	21.44	24.72	25.86	20.96	27.35	25.600

1900 Hurworth Church  $\frac{2}{3}$  mile E

Wall 13 ft high 102 ft N

120 - E

75 - W

1905 Cogswell's Platton NER  $\frac{1}{2}$  mile W

HUB

RAINFALL at Darlington, Hexworth fringe  
County of Durham Observer late Mr J.E. Backhouse

River Basin Tees & C 1  
Rain Gauge, by N+2

J.R. Backhouse Esq. M.A. F.R.S. F.L.S.  
Mr. Simpson

Diameter ...	5										
Height .....	10										
Altitude ...	161 ft										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	2.58	1.36	2.49	3.39	1.75	2.12					
February ...	2.56	.97	1.57	.85	1.20	2.66					
March .....	.52	1.93	2.19	2.34	1.63	1.13					
April .....	2.02	1.12	.00	3.44	.52	.76					
May .....	2.44	1.67	2.05	1.79	1.48						
June.....	2.19	2.60	6.30	.76	3.79						
July .....	3.56	.60	4.25	.64	2.70						
August.....	2.71	2.59	4.46	1.34	1.40						
September ..	.10	2.17	1.74	2.60	1.76						
October ...	2.29	2.65	2.21	2.17	1.84						
November ..	2.52	3.74	1.77	1.38	2.79						
December...	2.34	4.18	1.34	1.30	3.93						
TOTALS ...	25.83	25.58	30.37	22.50	24.79						
	7	7	7	7	7						

1911 moved 10 yds NNE in spring

1912 Wall 137 ft long 102 ft N  
120 E  
75 W

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1911	54° 29' 5"	1° 32' 24" W	Groft Spa	1 mi	W	Hexworth	3 mi	E