

RAINFALL AT Richmond

The Grove

70

Lat.

Lon.

County of Yorkshire N.R.

Rain Gauge, by

Observer G. Roper

Diameter . . .											
Height . . .						5"
Altitude . . .						1.3
Year . . .	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January . . .								·74	5.84	3.27	1.25
February . . .								2.84	1.87	1.56	3.57
March . . .								3.61	2.96	·89	1.44
April . . .								3.37	4.30	1.55	2.90
May . . .								67	2.15	6.02	1.74
June . . .								2.36	1.90	3.62	4.97
July . . .								2.18	3.95	·46	4.19
August . . .						# 2.72	2.03	5.68	5.43	3.45	
September . . .								2.76	4.86	2.17	2.17
October . . .								4.69	2.41	3.58	1.91
November . . .								5.99	3.77	3.83	5.15
December . . .								2.16	7.90	2.40	2.64
TOTALS . . .								36.74	40.63	34.67	29.84

1875 a wall 10 ft high 12 ft N of Gauge

77 a wall 8 ft high 15 ft from gauge

RAINFALL AT Richmond, The Grove**80**

Lat.

Lon.

County of York N.Y.

Rain Gauge, by

Observer G. Roper, Esq.Cave-Swale 2

Diameter	5										
Height	1.3										
Altitude											
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January32	.79	2.44	5.38	6.36	2.17	5.58	2.18	.59	.96	2.677
February	3.19	4.64	1.88	3.27	1.26	2.21	.55	1.52	1.72	1.20	2.144
March	1.35	3.47	2.65	2.25	3.32	2.84	2.27	1.44	4.60	3.21	2.740
April	2.32	1.66	5.47	2.82	1.89	1.81	3.93	1.12	2.35	4.67	2.804
May	1.49	1.57	1.19	2.27	1.13	3.93	5.46	2.37	.90	2.10	2.241
June	1.71	2.34	3.48	2.23	.86	2.32	1.24	.31	3.43	.15	1.807
July	6.49	5.74	4.12	3.99	6.38	.33	5.76	1.50	3.96	2.20	4.049
August	2.25	7.82	2.06	1.35	1.58	1.98	2.01	1.88	1.61	4.46	2.740
September	4.93	4.88	2.04	3.79	1.81	3.21	2.50	3.54	1.15	.61	2.936
October	6.46	4.00	3.88	3.41	2.17	6.03	6.42	2.12	.77	5.69	4.095
November	2.79	4.80	4.69	2.20	1.15	2.15	4.14	3.43	6.66	1.21	3.322
December	4.75	4.33	5.59	1.57	3.57	.87	4.83	2.32	1.52	1.33	3.062
TOTALS	38.05	46.04	41.01	34.47	31.28	29.85	44.69	23.73	29.26	27.79	34.617

1880. St. Mary's

abt 200 yds

N.W.E

Wall 9ft high 15 ft N

House 60 ft E

N.B. annual values rejected from Survey Map, 1929.

RAINFALL AT Richmond The Grove

Lat.

Long.

County of York N.R.

Rain Gauge, by

Observer

E. Roper Esq

OUSE - SWALE 2

Diameter	5										
Height	1 3										
Altitude						430T					
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	3.90	1.70	1.76	1.66	2.86	4.94	.80	1.25	1.59	4.95	2.6511
February	1.47	.20	2.68	4.17	4.55	.88	.54	2.50	2.24	1.85	2.108
March	2.87	1.75	1.26	.37	2.00	2.85	3.06	4.69	2.09	.87	2.121
April	1.07	4.93	1.39	.76	1.79	2.03	.62	1.49	3.34	3.11	2.058
May	3.19	2.62	2.33	2.41	2.31	.69	.61	.79	2.53	4.22	2.170
June	3.58	.60	3.25	1.05	3.97	1.50	3.61	2.24	2.33	2.98	2.811
July	1.78	4.76	1.28	3.38	2.89	5.97	2.02	.91	.81	2.88	2.668
August	6.42	5.24	4.75	2.06	2.06	1.57	1.51	2.59	2.10	1.39	2.969
September	1.85	2.50	2.12	1.29	.93	.95	4.35	2.75	.59	4.41	2.194
October	1.25	3.65	6.85	1.30	4.95	3.23	4.18	1.88	4.44	3.10	2.482
November	4.43	4.00	1.56	2.48	1.33	5.07	1.31	1.61	2.72	3.10	2.761
December	1.12	4.64	.45	2.58	1.99	3.20	4.67	3.41	2.86	3.67	2.859
TOTALS	32.43	36.59	29.68	23.51	31.63	32.88	27.28	26.11	27.64	36.53	30.428

1890 St Mary's 250 to 300 yards N E 1880 -
 Brick Wall 10ft high 12ft N

K.B. annual values rejected from Surveyor's Map, 1929.

RAINFALL AT Richmond - The Grove - Gilling West

Lectures

Lom.

County of

York & R

Rain Gauge, by

Observer.

L. Roper Esq

over, swale - 2.

1900 St. Mary's Church 300 yards E

Wall 12 ft high 9 ft N.

1903 Richmond Station

1904 March 17th Longwood 3 Miles N to Gilpin West

Fishing West Church 1/4 mile N

Richmond Station 3/2 - 5

1908 House 40 ft high 27 ft W

1398

N. B.. Annual values rejected from annual Survey, 1929.

RAINFALL at Richmond filling WestCounty of N. R. Yorkshire

Observer.

G. Roper EsqRiver Basin Once Swale D

Rain Gauge, by

new glass 2.15

Diameter ...	5'										
Height	1.3										
Altitude ...	303 T										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January	3.52	1.61	4.26	4.44	1.77	3.59	1.77	4.43	3.46	4.84	
February	3.42	2.35	2.29	.96	2.47	4.01	5.01	.95	3.68	2.47	
March75	1.88	3.19	4.50	2.02	1.19	6.22	3.26	1.57	3.97	
April	2.50	1.08	.07	3.34	.88	.78	1.06	2.31	2.02	1.90	
May	2.34	1.13	2.86	1.97	2.05	2.47	4.09	1.48	2.74	1.43	
June	2.29	3.86	6.28	1.12	3.40	.49	1.47	1.67	.39	1.05	
July	3.24	.36	3.10	1.08	3.42	3.77	3.03	1.57	4.45	2.69	
August	3.47	2.48	5.95	1.14	1.91	4.16	2.02	8.41	3.30	3.05	
September ..	.18	1.66	2.18	2.22	1.73	1.07	3.10	.88	6.73	.90	
October ...	2.29	3.29	2.35	3.04	2.46	2.01	4.48	3.55	2.98	5.67	
November ..	3.58	5.06	1.83	1.88	4.18	2.72	3.62	1.27	2.02	4.33	
December ...	3.92	5.59	3.23	1.87	6.78	7.78	2.82	2.91	4.57	4.73	
TOTALS ...	31.50	30.35	37.62	27.56	33.07	34.34	36.69	32.69	37.91	37.03	

1912 Duddinghouse 40ft high 30ft 14

N.B. Annual values rejected from Survey Map, 1929.

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1911			Richmond	3½ mi	S	St Agatha	1/2 m 300yds	N

RAINFALL at Richmond Gilling West The Lodge

County of N. R. Yorkshire
River Basin Ouse-Swale 2Observer Mrs. Roper
Miss P. A. Roper (1921)

Rain Gauge, by _____

Diameter ...	5"										
Height	1 3										
Altitude ...	303										
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	MEANS.
January ...	4.50	5.78									
February ...	1.73	1.3									
March	3.70	1.21									
April.....	5.69	9.6									
May	3.59	1.68									
June	5.2	5.3									
July	6.16	2.70									
August	1.55	4.44									
September...	1.28	1.09									
October.....	2.67	1.59									
November...	2.21	3.10									
December...	3.88	2.96									
TOTALS...	37.48	26.17	17.11								

1920 House 40ft high 33yrs W
1921. > Syes. NoteN.B. annual values rejected from Survey Mar. 1929.

Position of Station on reduced Ordnance Survey Map, 2 miles to 1 inch Series } No. of Map _____ Reference No. _____

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge	Direction from gauge
1920			Richmond	3/2 mi	S	St. Agatha	300 yds	N