

# RAINFALL AT *Richmond The Groves* 70

Lat.

Lon.

 County of *Yorkshire* N.R.

Rain Gauge, by

 Observer *G. Roper*

Diameter....						5	.	.	.	.	
Height ....						1.3	.	.	.	.	
Altitude ....											
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	1.68	
October ....						4.69	2.41	3.58	1.91	1.11	
November ..						5.99	3.77	3.83	5.15	1.95	
December ..						2.16	7.90	2.40	2.64	1.59	
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.R.*

Rain Gauge, by \_\_\_\_\_

Observer \_\_\_\_\_

*G. Popper, Esq.*

*Cuse. Swale 2*

Diameter ....	5											
Height .....	1.3											
Altitude ....												
Year .....	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.	
January ....	.32	.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	4.14	3.99	6.38	.33	5.76	1.50	3.96	2.20	4.049	
August .....	2.25	7.82	2.66	1.35	1.38	1.98	2.01	1.88	1.61	4.46	2.740	
September....	4.93	4.88	2.94	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 ....	35.05	46.04	41.01	34.47	31.28	27.85	44.69	23.73	29.26	27.79	34.617	

1880. St. Mary's

abt <sup>300</sup> 200 yds

N. ~~W~~ E

Wall 9ft high 15ft N  
house 60ft E

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

# RAINFALL AT *Richmond The Grove*

Lat. \_\_\_\_\_

Lon. \_\_\_\_\_

County of *York N.R.*

Rain Gauge, by \_\_\_\_\_

Observer

*E. Roper Esq*

*Cuse - Swale 2*

Diameter ....	5											
Height .....	13											
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	2.511	
February ....	1.47	.20	2.68	4.17	4.55	.88	.54	2.50	2.24	1.85	2.108	
March .....	2.37	1.75	1.26	.37	2.00	2.85	3.06	4.69	2.09	.87	2.131	
April .....	1.07	4.93	1.39	.76	1.79	2.03	.62	1.49	3.34	3.11	2.053	
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	2.511	
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	2.174	
October.....	1.25	3.65	6.85	1.20	4.95	3.23	4.18	1.88	4.44	3.10	2.483	
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	2.157	
TOTALS . . .	32.43	36.59	29.68	23.51	31.63	32.88	27.28	26.11	27.64	36.53	20.428	

1890 St Marys <sup>250</sup> 250 to 300 yards

N E

1880 -

Brick Wall 10ft high 12ft

N

K.B., annual values rejected from Survey leaf, 1929.



# RAINFALL AT

*Richmond The Grove - Gilling West*  
 Lat. .... Lon. .... County of *York N.R.*  
 Rain Gauge, by .... Observer *E. Raper Esq.*

*Case, No. 2.*

Diameter ..	5										
Height ....	13										
Altitude ..	430T			415	309		303				
Year ....	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	4.43	1.77	.98	4.14	3.03	.86	4.61	.85	1.33	1.03	
February ..	6.06	1.48	1.69	3.19	3.03	1.76	1.40	1.54	2.82	1.29	
March ....	1.47	3.04	1.37	4.57		2.70	1.55	1.74	3.30	4.76	
April .....	2.14	1.97	1.67	1.16	2.05	3.09	.63	1.23	2.70	2.05	
May .....	1.83	1.61	3.52	5.40	4.49	.76	3.71	4.02	2.02	1.72	
June .....	3.99	1.69	1.37	2.73	2.11	2.58	.83	3.42	.60	2.46	
July .....	1.75	5.03	2.97	4.00	2.62	.77	1.43	2.34	2.97	2.11	
August ....	8.16	2.13	2.85	2.96	3.97	4.93	2.90	1.39	1.88	3.50	
September..	.66	1.75	1.06	3.50	.74	2.67	.52	.52	3.09	2.15	
October....	5.20	1.88	3.72	10.16	.90	1.97	5.27	5.81	2.17	2.54	
November ..	3.59	5.88	2.64	1.71	2.17	6.36	2.75	2.27	1.13	.56	
December ..	3.43	4.07	3.34	2.49	2.59	1.05	2.19	3.46	1.33	4.45	
TOTALS ..	42.71	32.30	27.18	46.01		29.50	27.79	28.59	25.37	28.62	

13987

1900 St. Mary's Church 300 yards E  
 Wall 12 ft high 9 ft N.

1903 Richmond Station

1904 March 17<sup>th</sup> Longwood 3 miles N to Gilling West  
 Gilling West Church 1/4 mile N  
 Richmond Station 3 1/2 - 5

1908 House 40 ft high 27 ft N

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

## RAINFALL at

Richmond filling West

County of N. R. Yorkshire

Observer G. Roper Esq

River Basin Ouse Swale D.

Rain Gauge, by

Newglass 2.15'

Diameter ...	5'										
Height .....	1.0										
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	4.31	5.01	.95	3.68	2.47	
March .....	.75	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	3.18	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	38.69	32.69	37.91	37.03	
	2	2	2		2	2	2				

1912 Dwellthorne 40 ft high 30 ft W

A.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	¾ m 300 yds	N

RAINFALL at Richmond Gilling West The LodgeCounty of N. R. YorkshireObserver Mrs RoperRiver Basin Ouse-Swale 2Miss 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	96										
May .....	3.59	1.68										
June .....	.52	.53										
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										

1920 House 40ft High 3341-W

1921 &gt; sgs. Note

N.B. Annual values rejected from Survey Mch. 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 1/2 mi	S	St. Agatha	300 yds	N