

RAINFALL AT

Stott Hall (old)

1901/1902
80

Lat.

Lon.

County of

York

8"

Rain Gauge, by

Observer

W. J. D. Cook

Case - Case - Galder 8

B. Blomesh Smith Esq CE

Diameter	8"										
Height	1' 0"										
Altitude	935 Tft										
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January		50	5.16	6.37	7.45	3.37	11.61	3.40	2.29	2.92	
February		7.34	3.30	2.26	3.88	5.87	1.14	9.4	.87	4.15	
March		6.48	4.12	7.4	2.60	2.58	4.44	2.46	5.16	3.66	
April		1.73	5.59	2.62	1.59	2.24	4.17	1.53	3.67	4.61	
May		4.07	1.90	1.20	2.25	2.53	6.37	2.48	1.24	2.58	
June		1.98	6.68	4.19	.96	3.97	1.79	4.2	3.06	5.3	
July		3.50	4.37	2.70	3.48	1.56	6.10	2.00	8.10	3.96	
August		5.38	3.28	3.79	1.64	2.12	2.25	2.06	4.53	7.00	
September		2.70	2.28	6.76	2.66	5.12	4.19	5.95	1.48	3.69	
October		3.60	3.73	5.45	2.91	8.12	6.42	4.11	3.17	7.30	
November		5.00	5.80	5.40	1.99	3.88	3.96	3.39	13.09	2.43	
December		4.67	6.84	4.77	7.15	2.83	8.16	3.57	4.97	4.15	
TOTALS ...		46.95	53.02	46.25	38.56	44.19	60.60	32.31	51.63	46.98	

No records

RAINFALL AT

Scott Hall (old?)

Lat. _____

Lon. _____

County of *York & W. R.*

Rain Gauge, by _____

Observer

C. Clemesha Smith Esq C.E.

Use - Air & Gilder's

Diameter												
Height	<i>10</i>											
Altitude	<i>940</i>											
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January												
February												
March												
April												
May												
June												
July												
August												
September....												
October												
November....												
December												
TOTALS	<i>411.46</i>	<i>52.95</i>	<i>411.25</i>	<i>39.54</i>	<i>54.54</i>	<i>41.26</i>	<i>48.71</i>	<i>47.76</i>	<i>48.15</i>	<i>45.50</i>	<i>466.72</i>	

RAINFALL AT

Stott Hall (new)

19 JAN 1912

Lat.

Lon.

County of

York

5"

Rain Gauge, by

Snowdon

Observer

W. A. L. L.

Use - Air & Calder 8

6. Glemesha Smith S. CE

Diameter	5"											
Height	1' 0"											
Altitude	935 ft.											
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January	7.30	4.07	4.02	1.07	6.05	2.77	2.81	2.24	4.62	8.56		
February ....	.90	.45	3.10	6.64	7.99	.14	1.55	4.88	5.12	2.54		
March	4.23	2.62	1.15	1.62	6.12	3.25	9.23	6.71	1.87	3.64		
April	1.63	2.72	1.80	.98	2.79	3.44	2.27	3.81	4.03	3.88		
May	3.68	3.74	4.94	2.36	2.90	1.14	.70	1.87	4.26	3.97		
June	3.56	2.40	4.22	2.39	4.03	3.07	4.19	4.44	3.79	1.63		
July	3.16	3.15	3.56	4.52	4.19	5.72	2.44	1.67	.90	1.88		
August	5.78	8.04	4.92	2.72	5.01	4.56	3.08	3.75	6.51	2.13		
September	1.90	4.27	5.35	4.54	.87	1.73	9.33	4.74	.76	7.85		
October	3.49	8.18	8.90	4.69	6.68	5.05	5.97	2.73	6.67	4.58		
November	6.99	4.60	3.51	3.71	3.44	5.56	1.97	4.40	3.68	2.12		
December ....	.77	10.71	3.36	5.31	4.69	5.27	6.54	7.12	6.43	3.33		
TOTALS . . .	43.39	54.95	48.83	40.55	54.76	41.70	50.00	48.36	48.64	46.11	47.29	

X

Averaged - gauge not taken owing to change of tenant at Stott Hall.

RAINFALL AT

Rushworth

State Hall (newly)

Lat.

Lon.

County of *Yorks W.R. Central*

Rain Gauge, by

Observer

C. Clemens & Smith Esq. K.E.

Rise & Scales 8

Diameter ..			5								
Height			0 7 1 0								
Altitude ..			930 T			935					
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	6.78	2.59	3.61	5.67	5.11	2.08	7.22	1.92	4.54	3.54	
February ..	6.83	1.75	1.62	5.67	5.24	2.45	4.79	3.08	3.84	3.50	
March	1.19	5.07	2.55	6.99	2.96	4.75	4.27	4.33	3.88	3.81	
April	3.06	2.73	1.74	2.50	3.38	3.72	1.46	3.47	2.14	4.34	
May	1.93	1.57	3.31	4.53	3.36	.59	3.96	4.95	2.48	2.39	
June	3.97	2.36	1.89	1.71	1.17	3.49	2.34	8.21	2.02	2.52	
July	3.01	3.05	2.89	3.49	3.71	2.21	2.64	2.97	4.37	6.72	
August	4.91	2.66	3.88	5.76	5.18	5.18	3.43	4.12	4.33	3.66	
September ..	1.69	.96	3.10	5.85	1.60	3.25	1.53	.89	3.09	2.86	
October	6.61	3.33	5.38	10.99	1.73	3.57	7.35	6.88	2.06	5.98	
November ..	4.33	7.44	2.62	3.09	3.15	5.37	6.00	3.59	2.99	1.65	
December ..	7.04	6.92	4.67	3.22	3.13	1.18	3.81	5.83	3.19	7.46	
TOTALS ..	51.35	40.43	37.26	59.47	39.72	37.84	48.80	50.24	38.93	48.43	45.21

1903 Rushworth Station 8.800 ft 7 1/4° E 9 N

1900 & 01 monthly totals rec'd 19.1.12

RAINFALL at Rishworth Scott HallCounty of W. YorkshireObserver C. Charnock Smith Esq. F.R.S.River Basin Ormeau-Calden 8Snarden Rain Gauge, by _____

Diameter ...	5										
Height	1 0										
Altitude ...	935 T										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	5.96	1.92	4.27	3.94	4.24	6.08	4.69	2.58	3.48	5.17	
February ...	5.12	4.91	2.25	1.44	3.44	4.69	5.79	.79	7.74	1.75	
March	1.10	2.11	4.59	5.84	5.10	1.16	3.81	3.14	2.22	5.75	
April	3.37	2.35	1.10	4.20	1.57	1.88	3.17	1.66	1.21	1.83	
May	3.45	1.54	3.96	2.82	2.29	2.12	3.48	1.32	2.27	2.07	
June	4.09	2.94	5.17	2.10	2.45	1.25	2.99	3.09	1.39	1.82	
July	3.44	.36	5.80	1.18	4.23	4.58	2.66	1.68	4.80	2.50	
August	5.10	2.28	6.98	2.11	2.43	5.92	3.16	7.80	2.74	5.62	
September ..	.15	3.16	2.07	1.94	2.39	.55	2.85	2.17	13.17	2.26	
October ...	3.76	3.43	4.54	2.80	2.32	1.62	9.66	7.48	3.63	3.00	
November ...	4.03	5.34	2.63	9.15	5.78	2.06	4.38	3.75	2.39	4.10	
December ...	4.75	5.74	6.26	3.30	7.57	8.76	3.50	1.99	8.54	7.07	
TOTALS ...	44.32	36.08	49.62	40.82	43.81	40.67	50.14	37.45	53.28	40.64	
	2	3	2	2	3	2	2	2	imp 2		

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
			Rishworth					

RAINFALL at Rishworth Stott Hall old glCounty of N. R. YorkshireObserver G. Clemesha Smith Esq. G.C.River Basin Cuse - Aire - CalderWakefield Corp. W.Copper Snowdon ^{with Diagram} Rain Gauge, byDiam { 5.04
4.96
4.92
4.92 } W. glass { 5.04
4.95
4.92
4.92 } sound

Diameter ...	5"					8					
Height	1	0									
Altitude ...	935				937						
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MEANS
January ...	4.80	7.38	3.71	4.12	3.49	4.57	5.19	4.75	12.51	2.18	7.46
February ...	4.38	3.1	5.57	6.56	1.50	6.75	4.20	1.63	6.02	6.5	1.17
March	3.70	4.23	3.56	2.66	1.60	1.84	1.84	5.82	3.35	1.22	3.05
April	6.27	1.61	3.62	3.46	2.75	3.53	2.32	3.83	1.22	1.54	2.99
May	6.03	2.31	1.50	4.55	5.56	4.52	5.21	1.56	1.85	3.92	2.44
June	3.71	2.8	2.97	1.99	2.65	1.3	3.22	4.72	6.92	1.36	2.72
July	10.02	2.20	6.02	5.07	4.36	1.67	3.20	3.00	1.84	2.16	7.25
August	2.25	6.22	6.03	5.14	5.39	4.13	3.84	3.96	5.16	4.58	8.08
September...	2.07	1.74	4.27	4.76	6.29	3.91	3.88	7.01	6.7	1.62	5.75
October	2.17	3.17	1.18	6.87	7.22	7.04	4.71	5.05	5.98	6.07	6.96
November...	2.16	2.01	3.11	7.40	2.92	3.16	6.63	6.40	8.61	9.34	6.49
December...	4.92	7.36	5.38	4.58	6.62	5.39	1.99	2.01	3.36	9.39	4.00
TOTALS...	52.48	38.82	46.92	56.16	49.76	46.64	46.23	54.79	57.49	44.03	58.36
	W	W	W	W	W	W	W	W	W	W	

Inspected 5.12.22. Two gauges in small nailed enclosure 5 ft sq. 4 ft high with stout posts at corners, and open iron rails. In nearly level meadow. Land falls gently to N. Stone walls 5 ft high 15 yds N, 30 yds S, 40 yds W. Windy 15 ft high 20 yds E. A good exposure but fence rather too near. Enclosure will be widened later.

Inspected 10.8.31 by Dr. Glasspool - see green file.

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	Parish Church.	Distance from gauge	Direction
1920			Rishworth					

RAINFALL at Rishworth, Stott Hall newg.County of Yorkshire, W. Riding Observer G. Clemens Smith CERiver Basin Guse-Aire-Calder 8 W. A. J. C. P. W. W.M. O. Rain Gauge, by _____

Diameter ...					5						
Height					10						
Altitude ...					935						
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MEANS.
January ...					3.39	4.61	4.99	4.57	12.19	2.11	7.31
February ...					1.46	6.75	4.04	1.63	5.84	.63	1.14
March					1.56	1.80	1.81	5.76	3.21	1.21	3.01
April					2.72	3.49	2.26	3.84	1.22	1.55	2.97
May					5.54	4.51	5.07	1.53	1.81	3.91	2.41
June					2.63	.13	3.17	4.62	6.81	1.34	2.66
July					4.33	1.65	3.18	2.94	1.78	2.11	7.17
August					5.37	4.11	3.76	8.90	5.23	4.55	7.97
September...					6.27	3.91	3.80	6.75	.65	1.60	5.70
October					7.15	6.74	4.60	4.97	5.98	6.04	6.91
November...					2.90	3.11	6.48	6.24	8.56	9.43	6.43
December...					6.06	5.17	1.94	1.94	3.34	9.18	3.97
TOTALS...					49.38	45.98	45.10	53.69	56.62	43.66	57.65
					W	W	W	W	W		

Inspected 10.8.31 by Dr. Glasspoole - see new file.

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	Parish Church.	Distance from gauge	Direction
			Rishworth					

RAINFALL at Rishworth (Stott Hall) old g.County of West Riding Observer C. Clemesha Smith, Esq., F.R.S.River Basin Ouse-Aire-Calder-8.

Type of Gauge

Annual Average 45.9 in. based on 20 years obs. un-weighted. Period of average 1881-1915 Ref. S

666310/26

Diameter	8.											
Height	1.0.											
Altitude	937.											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	
January	5.52											
February	6.62											
March	.55											
April	4.33											
May	3.60											
June	7.64											
July	4.57											
August	6.20											
September	3.88											
October	2.85											
November	8.40											
December	2.56											
TOTALS	56.72 #											

Tot end of 1931. Encl. 35A

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

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge	Direction from gauge

RAINFALL at Rishworth (Stott Hall) new g.County of West Riding Observer C. Clemesha Smith, Esq., C.E.River Basin Ouse-Aire-Calder-8. Wakefield Corp. W.W.

Type of Gauge.....

Annual Average ~~44.6~~ in. based on 5 years obs. ~~un-weighted~~. Period of average 1881-1915 Ref. 1.0.5.
(1939) 46.8 14 66310/26

Diameter	5.										
Height	1.0.										
Altitude	935.										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means Totals
January	5.60	6.58	3.94	3.98	1.82	5.03	4.55	6.57	6.06	3.26	47.39
February	6.54	4.5	4.51	4.3	7.01	3.01	6.05	2.00	5.84	3.16	39.02
March	5.4	3.07	3.84	3.84	1.92	3.60	3.43	1.31	3.69	3.77	29.01
April	4.33	4.35	1.74	2.70	4.52	2.12	2.73	6.3	2.77	3.26	29.15
May	3.52	6.03	2.13	3.38	.91	1.26	2.72	4.22	1.39	1.14	26.80
June	7.55	.87	3.30	2.58	4.53	6.17	2.74	5.71	3.45	.83	57.78
July	4.49	4.16	3.85	3.28	1.89	4.11	2.56	5.03	7.44	4.51	41.52
August	6.15	1.94	1.44	3.56	2.21	2.10	2.27	5.12	2.46	2.93	30.18
September	3.83	6.03	1.91	3.34	7.88	6.51	2.28	2.30	1.74	4.86	40.68
October	2.85	7.91	5.88	5.06	10.80	5.62	2.93	12.95	3.55	5.59	63.14
November	8.30	3.50	1.97	3.02	7.46	6.40	2.81	6.70	7.81	8.30	56.27
December	2.54	2.32	0.71	5.91	3.02	5.24	3.02	5.49	4.00	4.43	36.68
TOTALS	56.24	47.21	35.22	41.08	53.97	51.17	38.14	58.13	50.42	46.04	477.62
	W	W	W.	W.	W.	W	W	W	W	W.	

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

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge	Direction from gauge

Station No. 3210 T.F.RAINFALL at Rishworth (Stott Hall)

41

County of W. RidingObserver Wakefield Corp. W.W.River Basin Ouse-Aire-Golder-8

Type of Gauge.....

Annual Average 46.8 in. based on 14 years obs. un-weighted. Period of average 1881-1915 Ref. I.W.S.File No. 666.310/26

Diameter	5"											
Height	1' 0"											
Altitude	935'											
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means	Totals
January	3.73	5.41	6.82	7.08	5.04	5.99	4.42	11.25	2.51	3.64	55.89	
February	6.96	1.39	4.13	2.44	6.74	6.75	3.50	4.31	8.60	5.93	46.25	
March	6.37	3.05	1.83	4.1	1.83	2.14	7.48	2.50	1.73	2.93	30.27	
April	2.79	2.89	3.12	3.57	3.41	2.22	4.75	2.84	4.71	4.93	35.23	
May	2.83	5.06	3.40	4.11	4.93	2.26	5.26	1.51	5.27	3.05	37.68	
June	1.07	1.43	3.76	3.66	5.55	4.55	3.69	5.15	.66	2.19	31.71	
July	1.66	5.03	2.91	4.12	1.76	6.50	3.27	3.44	2.86	3.65	35.20	
August	7.98	5.19	6.51	5.23	4.40	5.94	.38	5.48	2.76	5.85	49.72	
September	1.78	3.04	4.72	6.13	2.99	8.43	3.19	3.05	1.00	7.01	41.34	
October	5.70	8.84	3.01	4.75	6.80	1.85	1.61	2.79	6.17	2.60	44.02	
November	4.12	1.75	3.83	3.25	.79	9.10	7.04	2.21	7.03	5.62	50.74	
December	3.19	4.42	3.09	5.63	3.17	5.01	5.03	4.55	8.41	3.29	45.79	
TOTALS	48.18	48.10	47.13	56.38	47.41	60.74	49.62	49.08	46.61	50.59	503.84	

1948 New gauge installed

Position of Station on reduced Ordnance Survey Map, }
1 mile 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.

BRITISH RAINFALL ORGANIZATION

Station No. 3210 T.F. 43RAINFALL at Rishworth (Stott Hall)

51

County of W. Riding - Yorks.Observer W. R. Field Esq. M.W.River Basin Ouse-Aire-Valley

Type of Gauge

Annual Average 46.8 in. based on 14 years obs. un-weighted. Period of average 1881-1915 Ref. I.W.S." " 49.24 " " 32 " " 1916-57 " " 1916-50 File No. 666310/26

Diameter ...	5"											
Height ...	1'0"											
Altitude ...	935'											
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means	
											<u>Totals</u>	
January ...	5.20	(5.30)	1.10	4.09	3.44	6.42	4.78	5.41	4.16	7.06	46.96	
February ...	4.03	1.37	2.70	3.13	2.98	1.73	3.95	7.41	.53	3.58	31.41	
March ...	6.40	2.75	2.77	3.12	2.84	1.83	3.93	2.75	2.13	2.08	30.60	
April ...	3.09	3.42	4.40	.65	2.02	3.89	.48	1.37	5.20	3.09	27.61	
May ...	3.69	2.06	3.06	3.33	4.85	1.87	1.60	4.96	2.85	2.62	20.89	
June ...	.94	3.06	2.89	3.04	3.88	3.85	2.15	6.86	2.43	1.79	30.89	
July ...	3.52	1.99	5.21	4.80	1.14	7.64	6.44	6.62	4.02	7.29	48.67	
August ...	6.42	4.24	4.78	7.20	1.16	13.46	6.44	6.38	.57	7.03	57.68	
September ...	3.42	3.66	3.88	6.03	2.87	5.37	6.31	6.10	.44	3.35	41.43	
October ...	1.80	5.70	2.51	8.49	2.60	2.96	6.91	4.79	5.05	6.46	47.27	
November ...	10.53	1.78	5.04	7.48	2.80	2.12	3.41	1.71	5.37	9.10	49.34	
December ...	8.88	3.16	1.84	6.62	7.33	5.67	6.31	5.92	9.85	4.95	60.53	
TOTALS ...	57.92	38.49	40.18	57.98	37.91	56.81	52.71	60.28	42.60	58.40	503.28	
	W	n.p.	W	W	W	W	W	W	W	W		

1953 Re higher fresh of 1881. Agreed stone gauge found, situated in a cleft near Stott Hall farm.
 1940 from fence 4 ft high on S.E. + 25 yds from farm building on N + E
 1900 other from one remote.
 1952 Jan amended M.O.S. eng. agreed. n.p. - low.
 1954 H. Messel note. Exp on hill side from H.M. building fixed checked by stone walls

Position of Station on Ordnance One-Inch map :

No. of Map.....

National Grid Reference 44.032.161

Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction from gauge.

Summary of Earlier Records from 10-year Sheets :

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
		C 1924	✓	✓	