

# RAINFALL at Soyland Moor, <sup>Rishworth</sup> Drain

County of Yorkshire, W.R. Observer Chas. J. Ratley CERiver Basin Duse-Aire-Calders Gleham riv.Snowden Rain Gauge, by Gasella.  
No. (127)

Diameter ...					- 8						
Height .....					1.0						
Altitude ...					1300	1290					
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MANS.
January ...					4.27	5.53	6.41	5.13	15.46	2.34	8.98
February ...					1.48	8.44	5.19	2.19	6.97	.93	.86
March .....					2.04	1.89	2.63	4.89	7.82	1.50	3.49
April .....					2.51	3.79	2.04	3.80	1.40	1.46	3.56
May .....					6.65	5.36	4.97	2.05	1.78	4.17	2.55
June .....					3.79	.32	3.04	5.23	8.62	2.07	2.75
July .....					4.95	2.67	4.11	3.43	2.52	3.15	7.82
August .....					7.93	5.49	5.54	10.78	6.75	6.92	9.44
September...					6.48	4.66	4.45	7.16	.85	2.46	5.35
October .....					7.21	7.16	5.01	5.78	6.57	7.79	7.83
November...					3.48	2.84	7.00	6.47	9.20	10.38	7.65
December...					6.59	4.88	2.48	1.46	5.90	10.13	4.05
TOTALS...					57.38	53.03	52.87	53.37	66.84	53.20	64.33

1924. Hill, 200 ft. high,  $\frac{1}{2}$  mile E.S.W.

Inspected 11/8/31 by J.R. Gauge infence 4ft 6in. high = 9ft 5g.  
Gauge on moss with drain to west some 8ft. above gauge + 20-30 ft  
away. G. sheltered all round by peat about 10ft high although  
50-60 ft. away. Grass silt apart from fence.

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

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge	Direction
1924	53° 39' 21"	2° 1' 32"	Littleborough	2 $\frac{1}{2}$ m.	W. S.W.	Littleborough	2 $\frac{1}{2}$ m.	W. S.W.

RAINFALL at Soyland Moor (Rishworth Drain)County of West Riding Observer C. J. Batley, Esq., C.E.River Basin Ouse-Aire-Calder-8 C. D. Wardfield Esq. (1938)Type of Gauge M.O.Annual Average 52.9 in. based on 50 years obs. un-weighted. Period of average 1881-1935 Ref. S

660607/26

Diameter	8.										
Height	1.0.										
Altitude	1290.										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	5.65	7.33	4.20	4.19	2.39	5.41	5.35	8.70	7.05	3.35	
February	7.25	.27	5.81	.48	8.56	3.24	7.70	3.19	7.34	4.17	
March	.48	3.11	3.73	3.66	2.44	3.73	5.04	1.96	3.71	4.10	
April	4.68	4.46	2.26	3.29	4.46	1.87	3.62	1.04	2.96	3.55	
May	4.04	6.49	2.41	4.74	.97	1.27	2.82	5.07	1.79	1.56	
June	7.04	.96	3.30	3.61	6.87	5.61	4.26	7.79	4.57	1.15	
July	5.35	4.19	4.43	4.47	2.54	5.27	3.40	6.81	8.67	5.23	
August	7.28	2.17	2.07	4.82	2.53	3.69	2.92	5.94	3.44	3.08	
September	4.25	7.76	1.74	4.99	9.32	6.94	3.56	2.71	1.96	6.76	
October	3.79	9.62	5.49	6.96	12.13	7.27	2.89	14.99	3.57	6.40	
November	11.75	4.69	2.43	2.90	8.39	7.62	3.11	8.05	10.57	9.01	
December	3.28	3.21	0.73	7.44	3.54	6.10	3.74	6.67	4.63	4.81	
TOTALS	64.84	54.16	38.60	51.55	64.14	58.42	48.41	72.92	60.16	53.17	
	D	D	d.		d.	d.	d.	D	d	d	

1931. Hill 200' high  $\frac{1}{2}$  mile SW.  
 1940 gas-past estd.

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	Parish Church.	Distance from gauge	Direction
1931			Littleborough	2 $\frac{3}{4}$ mls	WSW	Littleborough	2 $\frac{3}{4}$ mls	WSW

Station No. 3216

RAINFALL at Soyland Moor (Richworth Drain)

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County of West Riding Observer G. Burfield Esq.

River Basin Ouse - Aire - Rother - S

Type of Gauge M.O.

Annual Average 52.9 in. based on 6 years obs. un-weighted. Period of average 1891-1915 Ref S

File No. 660607/26

Diameter	8"		077	716								
Height	1' 0"			1								
Altitude	1290'	1301		41								
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means	
January	1.90	4.88	6.07	7.76	4.61	6.31	3.27	7.75	3.25	3.82		
February	7.04	1.82	3.36	2.95	6.56	7.13	1.27	3.01	4.15	6.88		
March	4.72	2.83	1.73	.81	1.67	1.80	6.09	1.73	2.10	2.98		
April	2.70	2.43	2.75	3.22	3.15	2.20	4.29	1.92	5.00	4.47		
May	2.95	5.03	3.62	5.02	5.25	2.76	2.68	1.52	5.12	2.51		
June	1.03	1.13	4.77	4.12	5.39	5.86	2.65	5.67	1.03	2.94		
July	2.02	4.35	3.17	4.88	2.90	5.84	2.70	2.66	2.97	4.64		
August	8.90	5.17	7.37	3.82	3.49	7.36	.39	6.21	4.53	6.62		
September	.94	2.66	5.10	6.36	2.71	7.65	2.87	3.83	1.45	9.75		
October	6.51	7.16	3.50	5.67	7.51	1.05	1.01	3.56	6.21	3.12		
November	3.53	1.54	4.14	8.55	.93	7.78	6.97	2.66	8.19	6.09		
December	3.00	3.93	2.63	6.04	3.27	3.83	4.22	4.70	8.84	3.06		
TOTALS	45.24	43.05	48.21	53.80	47.44	59.57	38.41	45.22	52.81	46.58		
	D	D	D	D	D	D	D n.p.	n.p.	D	D		

1941. Hill 200' high 1/2 m SW.

1947. n.p. low

gauge moved 20' WSW 23.10.41.

1948. Engineer states gauge tampered with, trouble remedied, 27.4.48

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.
1941			Littleborough	2 1/4 m	WSW	Littleborough	2 1/4 m	WSW.

BRITISH RAINFALL ORGANIZATION



Station No. 3216

RAINFALL at Loyland Moor (Richworth Drain)

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County of West Riding - Yorks.

Observer

E. Busfield Esq.River Basin Case - Aire - Calder &Type of Gauge N.O.Annual Average 52.9 in. based on 6 years obs. un-weighted. Period of average 1881-1915 Ref. 5  
" " 50.47 " " 14 " " within 1942-57 " " 1916-50  
File No. 660607/26

Diameter ...	8"		077	716							
Height ...	1'0"			1							
Altitude ...	1301'			51							
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	5.05	4.66	1.65	4.41	3.02	6.25	4.40	4.63	3.30	4.66	
February ...	3.40	1.25	2.07	3.01	2.79	1.51	3.18	6.69	.41	3.29	
March ...	5.88	3.28	2.45	3.14	2.58	1.96	3.73	2.44	1.99	1.58	
April ...	2.93	4.18	3.35	.83	2.36	3.54	.62	1.57	4.08	2.63	
May ...	3.35	2.12	3.57	3.62	4.11	1.96	1.77	5.33	2.40	2.21	
June ...	1.49	4.33	3.61	3.75	3.76	3.92	2.71	6.03	2.55	1.93	
July ...	4.98	2.97	6.32	5.93	1.18	7.93	5.47	5.10	3.38	7.41	
August ...	6.87	5.40	5.54	7.44	1.69	13.46	7.06	6.39	.79	5.03	
September ...	3.24	4.77	4.07	6.08	3.19	4.31	5.42	5.15	.55	2.96	
October ...	1.65	6.52	2.41	8.63	2.75	3.23	6.13	4.32	4.36	5.13	
November ...	10.30	3.13	5.43	4.20	2.73	1.73	2.24	1.71	4.42	8.03	
December ...	9.40	3.82	2.13	6.40	7.03	5.31	4.61	4.47	7.70	4.15	
TOTALS ...	58.54	46.53	42.60	60.49	37.19	55.11	47.34	53.83	35.93	49.01	
	D	D	D	D	D	D	np	np	np	np	

1951. Hill 200' higher 1/2 m. S.W.

1957 &amp; 1958. Lake "overgrown" only to N.E.

1957 np low

1958 np low

1959 - np low

1960 - np low

Position of Station on Ordnance One-Inch map :

No. of Map

National Grid Reference 24/981.177

Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction from gauge.
1951			Littledon	2 3/4 m. W.S.W.	Littledon	2 3/4 m. W.S.W.

Summary of Earlier Records from 10-year Sheets :

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
		C 1924 Vant 24-26 D 30	✓ Vant 34 D 31-33, 38	✓ np 47-48 ✓	