

RAINFALL at Haworth Lower Lake Res.

County of W.R. Yorkshire

Observer M R Barrett Esq. C.

River Basin Ouse Clue 9

Heliograph Rain Gauge, by N+3

Diameter ...					6						
Height					1.7						
Altitude ...					772						
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...					4.02	7.70	5.57	3.29	3.75	7.05	
February ...					5.09	7.09	6.29	.74	7.65	1.86	
March					5.83	1.14	4.15	3.88	1.77	6.68	
April					2.17	2.23	3.70	2.69	1.09	2.85	
May					1.77	2.05	2.53	2.41	2.83	2.86	
June.....					1.90	.72	2.89	2.52	1.94	1.29	
July					3.98	5.12	3.49	1.79	5.24	2.40	
August.....					2.12	5.02	3.17	6.74	2.81	3.43	
September ..					3.00	.85	2.62	2.61	11.77	2.02	
October ...					2.52	1.71	11.10	8.72	3.63	2.45	
November ..					8.06	2.66	5.14	5.72	2.85	4.38	
December...					10.23	9.15	4.26	2.44	8.71	8.40	
TOTALS ...					50.69	15.44	55.21	183.45	54.24	44.55	

1944 offic 12.6 hgh 41 gr N

Date.	Lat. N.	Long. W.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
	53.4939	1.5835	Haworth	6600 ft	E 10° S	Haworth	5000 ft	E 17° N

RAINFALL at Haworth Lower Laithe Reservoir

County of W. R. Yorkshire

Observer M. R. Barnett Esq. C.E.

River Basin Ouse-Aire

Keighley Valley Water Bd.

Snowdon Rain Gauge, by Negy
M.O. (127)
+ A

(1929) Alan Atkinson Esq. C.E.

Diameter ...	5"										1930 MEANS.
Height	0.10										
Altitude ...	772										
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	
January ...	6.52	8.92	5.38	4.58	3.68	5.89	6.25	5.03	12.67	2.34	8.21.
February ...	4.53	4.6	6.15	8.42	1.51	8.45	4.96	2.40	6.88	1.85	1.10
March	4.55	4.24	3.44	2.82	1.72	1.68	2.94	4.81	7.71	.79	3.27
April.....	6.03	2.08	4.07	3.90	2.73	3.86	2.55	3.87	1.23	1.25	4.07
May	5.46	2.20	1.78	4.69	6.23	5.31	4.01	1.66	1.50	3.31	2.30
June	2.31	2.0	2.30	1.18	2.77	0.05	2.95	3.82	6.33	1.68	2.38
July	6.88	2.58	5.25	4.36	4.35	2.01	3.27	3.02	1.59	2.82	6.58
August	1.87	5.79	6.18	5.56	5.01	5.50	3.86	7.04	5.57	3.41	6.41
September...	1.94	1.92	5.13	5.83	4.73	3.58	3.90	6.05	0.79	1.35	4.60
October.....	3.03	2.76	1.13	6.03	4.57	6.03	4.44	5.65	6.98	5.72	6.63
November...	3.32	2.54	2.40	7.25	3.95	3.21	8.11	6.02	8.33	8.99	7.33
December...	4.48	7.98	5.20	4.43	6.58	5.62	1.64	2.50	3.28	12.27	4.81
TOTALS...	50.91	41.67	48.41	59.02	47.83	51.19	48.78	51.93	58.86	44.78	57.69

1920 Temporary Offices 772 high + 24 ft N

1925 Yence Wall 44 ft. high 55 ft S.
44 ft. 83 - W.

1930 Jan. 2. 1 ft. moved 3 yds. S.E. E.

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

Date.	Lat. N.	Long.W.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge	Direction from gauge
1920	53°49'39"	1°58'55"	Haworth	6600 ft.	E 13° N	Haworth	5000	E 17° N

RAINFALL at Haworth Lower Laithe Reservoir

County of N.P. Yorkshire

Observer M. P. Barnett Esq. C.B.

River Basin Ouse-Aire 9

Hydrograph Rain Gauge, by N.Z.

Diameter ...	6	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	MEANS.
Height	1 6											
Altitude ...	772											
January ...	6.53	9.00	5.38	4.58	3.68	5.89						
February ...	4.55	4.44	6.15	8.42	1.51	8.45						
March	4.58	4.25	3.44	2.82	1.72	1.68						
April.....	6.04	2.07	4.07	3.85	2.73	3.86						
May	5.48	2.17	1.78	4.69	6.23	5.31						
June	2.32	2.20	2.30	1.18	2.77	.05						
July	6.92	2.59	5.25	4.36	4.35	2.01						
August	1.84	5.85	6.18	5.56	5.01	5.50						
September...	1.89	1.94	5.13	5.83	4.73	3.58						
October.....	3.02	2.79	1.13	6.03	4.57	6.03						
November...	3.29	2.56	2.40	7.25	3.93	3.21						
December...	4.44	7.91	5.20	4.43	6.58	5.62						
TOTALS...	50.90	41.77	48.41	57.02	47.83	51.19						
	1 D	1 D	1 D	1 D	1 D	1 D						

1920 Temporary Offices 7 ft high 42 ft N

1921

1922 No printed scale record is identical with Standard ga

1924 N.P.C. Scale.

1926 Not mounted "standard".
" Fence Wall 44 ft high 61 ft S.
82 ft WPosition of Station on reduced Ordnance Survey } No. of Map Reference No.
Map, 2 miles to 1 inch Series }

Date.	Lat. N.	Long. W.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge	Direction from gauge
1920	53° 49' 39" 1° 08' 35"	Haworth	6600 ft	E 18° N	Haworth	5000 ft	E 17° N	

RAINFALL at Haworth (Lower Laithe Res.)

County of West Riding

Observer A. Atkinson, Esq., C.E.

River Basin Ouse-Aire-9.

J. Neill Wood Esq., M.C.E.

Type of Gauge American (+A)

A. Boothman, Esq., C.E.

Annual Average 48.1 in. based on 18 years obs. un-weighted. Period of average 1881-1912 Ref. 3

744053/27

Diameter	6.										
Height	0.10.										
Altitude	772										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means Total
January	4.81	5.94	3.69	4.91	2.35	6.63	5.94	6.84	6.99	2.04	5014
February	6.00	3.33	6.45	3.0	8.53	2.91	8.34	2.15	5.74	2.39	4314
March	5.56	3.11	2.68	3.93	2.07	3.40	2.85	1.14	5.60	3.77	2711
April	4.50	4.48	1.75	2.77	4.31	1.63	2.86	.64	1.70	3.61	2345
May	3.11	4.59	2.45	3.38	.88	2.09	2.97	4.49	1.54	2.26	2776
June	6.41	1.46	2.27	2.45	4.28	4.03	2.30	4.86	3.30	.83	3219
July	4.51	4.41	3.31	2.26	1.61	3.93	2.60	4.13	7.24	4.40	3840
August	5.04	1.61	1.09	3.63	1.98	3.02	2.71	5.61	2.97	1.59	2925
September	4.11	5.81	2.16	2.67	7.90	4.57	1.59	2.17	1.96	4.30	3724
October	2.63	7.90	5.44	5.86	10.63	5.22	2.65	11.01	3.31	5.08	5973
November	9.76	3.86	3.16	2.15	8.01	6.67	2.02	7.48	8.31	7.85	5927
December	2.83	2.17	0.62	7.78	4.09	6.17	2.44	5.44	3.39	4.23	3916
TOTALS	54.27	45.67	35.07	42.09	56.64	50.27	39.27	55.96	50.25	42.35	47184

1933. Gauge inspected on Aug. 23rd - exposure satisfactory except on N. no new site selected. See file 744053/27

1934. Fence wall 4' high 55°S, 82°W.

1935. Office 27' high 42°N.

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
1931			Haworth	6,000ft	E13°N	Haworth	5,000ft E17°N

Station No. 3288

RAINFALL at Haworth (Lancashire, Little Bea) 41

County of West Riding

Observer A. Booth Esq CE

River Basin River Aire & g

G. E. V. Batory Esq. (University)

Type of Gauge Standard (+A)

(W.W. Eng. March 1941)

Annual Average 42.1 in. based on 18 years obs. un-weighted. Period of average 1881-1915 Ref. S

File No. 744053/27

Diameter	6"	074	921	52	6"				
Height	1' 0"			1			1' 0"		
Altitude	772'			41			772'		
Year	1941	1942	1943	1944	1945	1946	1947	1948	1950
January	2.60	5.54	6.92	7.63	4.62	5.64	4.96	10.69	2.77
February	6.20	1.50	3.79	2.51	6.10	7.37	(2.70)	4.05	3.86
March	4.52	4.16	1.53	.42	1.51	1.49	9.86	2.65	1.53
April	2.72	2.47	2.65	4.04	2.67	1.58	5.17	3.39	4.90
May	2.59	4.07	3.30	3.59	5.13	2.19	3.34	1.16	2.60
June	4.4	1.28	3.95	3.04	4.89	2.68	3.02	5.45	.63
July	2.16	3.85	3.11	3.42	2.96	3.94	2.44	2.00	3.03
August	7.21	4.59	6.86	3.70	4.69	7.54	3.4	4.38	2.77
September	4.44	3.06	5.65	7.18	2.97	7.94	2.80	2.96	1.08
October	5.94	7.64	2.85	5.77	6.73	1.13	1.44	2.03	5.37
November	3.44	2.01	3.66	8.37	.65	3.17	7.27	2.19	6.88
December	2.59	4.76	3.25	5.98	3.40	4.94	5.07	5.41	8.92
TOTALS	41.20	44.93	47.52	55.65	45.82	54.61	48.41	46.36	44.34
	D	D	D	D	D	D	D	D	D

1942 Jan., well 4 ft. ---
1947 Feb. part covered by snow

20004

Borough of Keighley

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	Parish Church.	Distance from gauge
1941			Haworth	6000ft	E 13° N.	Haworth	5000ft E 17° N.

BRITISH RAINFALL ORGANIZATION