

RAINFALL at Haworth Harbour Lodge

County of W.R. Yorkshire

Observer Mr Ratcliffe Barrett Esq. C.E.

River Basin Cross Aire &

Snowdon Rain Gauge, by N & J

Diameter ...			8								
Height			10								
Altitude ...			1187								
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	1916-19 MEANS TOTALS
January ...				(500)	5.38	8.39	6.71	6.25	3.95	6.53	23.44
February ...				2.94	4.76	6.89	8.65	1.04	8.27	2.43	20.39
March				7.63	7.78	1.79	4.93	3.80	1.97	7.83	18.53
April				5.58	2.38	2.60	4.27	1.94	1.33	2.62	10.16
May				3.88	2.33	2.11	3.18	2.41	3.09	2.57	11.25
June.....				2.70	2.02	.66	3.19	2.22	2.13	1.80	9.34
July				1.48	4.29	5.27	4.46	2.02	4.81	2.83	13.62
August.....				1.83	2.61	4.85	3.37	7.57	3.66	4.10	18.70
September ..				1.86	3.49	.95	3.27	2.88	12.88	8.42	21.45
October ...				2.55	2.76	1.76	11.94	8.27	3.75	5.03	26.99
November..				7.45	8.30	3.46	5.64	6.75	3.07	4.96	20.42
December...				4.85	8.75	9.11	4.48	3.91	9.29	9.17	26.85
TOTALS ...				(47.75)	54.85	47.84	64.09	49.06	57.70	50.89	221.14

1913 Tower Wall 6 ft high 54 ft S.W.

Jan 1913 rough est. (x.17)

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
	53.4553	2.0.20	Bronhope	11900 ft	E	Bronhope	11.350 ft	E by S

RAINFALL at Haworth Harbour Lodge

County of W. R. Yorkshire

Observer Mr. D. Barnett Esq. C.E.

River Basin Base-Area 9

Elev. Keighley Valley Water Beck

Snowdon Rain Gauge, by N & B.
A.C. (1927)

(1029) Alan Wilkinson Esq. C.E.

Diameter ...	9												
Height	10												
Altitude	1187												
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MEAN	1920-30 TOTALS	
January ...	6.67	10.38	6.65	6.57	3.57	6.19	5.77	4.51	13.63	2.12	7.87	73.98	
February ...	4.71	6.65	6.38	7.92	1.73	7.74	5.34	2.52	7.11	.97	1.38	46.43	
March	4.81	4.82	4.13	2.47	1.62	1.87	2.84	4.67	J.38	1.24	3.67	35.52	
April	6.24	2.03	4.18	4.26	2.62	3.60	2.85	4.85	1.48	1.72	3.99	37.82	
May	5.79	2.45	2.11	5.33	6.65	5.33	4.06	1.87	1.68	3.49	2.92	41.68	
June	2.71	2.23	3.22	1.31	2.78	.06	3.28	4.48	6.86	2.04	2.56	29.53	
July	8.15	5.03	5.91	5.14	4.46	2.71	3.37	3.03	1.86	3.66	7.20	48.52	
August	2.10	6.70	7.74	6.00	6.81	5.55	4.24	7.46	6.62	4.79	6.95	64.49	
September...	2.20	2.14	6.42	6.53	5.75	3.57	4.13	6.89	0.92	1.97	5.14	45.66	
October.....	2.97	3.38	1.20	6.48	4.90	6.74	3.95	5.97	6.95	6.47	7.76	56.77	
November...	3.62	2.72	3.29	7.57	3.76	2.78	4.46	6.10	9.59	9.28	8.06	64.23	
December...	4.57	9.78	5.46	5.05	6.27	6.29	2.00	1.94	J.35	12.01	4.67	61.39	
TOTALS...	34.52	48.31	56.69	64.61	50.42	52.43	49.32	54.34	63.43	49.76	62.17	606.02	

1920 Fence Wall 6 ft. high 52 ft. S.W.

Position of Station on reduced Ordnance Survey } No. of Map _____

Reference No. _____

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge	Direction
1920	53°48'53"	2°0'20"	Oxenhope	11900 ft.	E	Oxenhope	11350 ft.	E 10°S

RAINFALL at Haworth (Harbour Lodge)

County of...West Riding.....

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

River Basin..... Ouse - Aire - 9.

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

Type of Gauge Snowshoe

A. Boothman Esq. C.

Annual Average 52.5 in. based on 18 years obs. un-weighted. Period of average 1881-1915 Ref.

1733. Range inspected on Aug. 23rd before becoming satisfactory except from E. direction. Recommended site available 60 fathoms E. and 20' lower, should be adopted for check or testing range. See file 744053.

1934. Fence Wall 6' high 29° 8' 5 W.

1940. Jan. part. cold for snow.

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			Oxenhope	11,900ft	E	Oxenhope	11,350ft	10° S

Station No. 3287

RAINFALL at Haworth (Hawthorn Lodge)

41

County of West Riding

Observer A.B. Rotham Esq.CE (left 1946)

River Basin Ouse - River

G. E. V. Boldry, Esq.

Type of Gauge Standard

(W.W. Eng March 1947) +

Annual Average 52.5 in. based on 18 years obs. un-weighted. Period of average 1881-1945 Ref S

File No. 744053/27

Diameter	8"	074	913								
Height	1' 0"		1								
Altitude	1165'		41								
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	4.54	6.53	6.86	9.24	4.26	5.01	4.80	10.80	3.12	3.98	59.11
February	8.61	2.47	4.47	3.11	6.88	6.95	(2.50)	3.46	4.51	6.49	49.95
March	4.36	4.16	1.84	.73	1.89	1.62	(9.83)	2.32	1.91	2.95	31.61
April	2.69	2.34	3.32	3.85	3.07	1.78	4.75	3.38	5.51	4.86	35.55
May	3.11	3.93	3.57	3.76	5.15	2.07	3.07	1.25	3.28	2.74	31.93
June	.79	1.42	4.46	3.51	4.82	3.14	3.40	6.02	.65	2.22	30.43
July	2.24	4.20	3.06	3.90	3.18	4.53	3.13	2.17	3.34	4.88	34.36
August	8.64	4.37	6.88	3.74	4.91	7.79	.33	4.87	2.85	6.85	51.26
September	5.4	3.67	6.47	7.99	3.26	8.09	3.29	3.59	1.54	8.16	46.60
October	6.64	8.94	2.91	5.11	6.76	1.32	1.65	2.83	5.83	3.69	45.71
November	3.70	2.00	4.37	8.40	.95	8.44	8.56	2.61	7.65	6.28	52.91
December	3.14	4.93	3.27	5.23	3.31	4.13	5.64	4.98	10.17	3.82	48.41
TOTALS	49.12	49.02	51.48	58.57	48.44	54.87	50.95	48.78	50.36	56.24	517.83

1941 fence wall b' high 29' 8" E.W.

1947. Feb. & Mar. sand for snow

30004

Borough of Keighley

Position of Station on reduced Ordnance Survey Map, No. of Map Reference No.

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge
1941			Oxenhope	11900 ft.	E	Oxenhope	11350 ft. E 10° S.

BRITISH RAINFALL ORGANIZATION

Station No. 3287

RAINFALL at Haworth (Harbour Lodge)

County of West Riding - Yorks.

Observer G. E. V. Baldry Esq.

River Basin Ruse - Area - 9

Crown Water Board (1/4/60)

Type of Case: *Lazenday* Status:

about 2 yrs ago

Type of Gauge..... Snowdon.....

5-54

Annual Average 52.5 in. based on 18 years obs. un-weighted. Period of average 1881-1915 Ref. 3

" 52.93 " " 39 " LSTHM-1917-57 " " 1916-50 " File No. 744053/27

File No. 144-0227-1

You may take should be adequately sheltered against good roads.

Position of Station on Ordnance One-Inch map:

No. of Map.

National Grid Reference (SD 346253)

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge.	Direction
1951			overhope	11900'	E	overhope	11350'	E 10° S

Summary of Earlier Records from 10-year Sheets:

1916-1950, P - Rejected

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
Camp 1913 ✓ but - 13-44 - 19-17	✓	✓	✓ but d 39	✓ but d 41-43 - 44-45	