

RAINFALL AT Halifax Walshaw Dean ledge

Lat.

Lon. \_\_\_\_\_ County of W<sup>ic</sup> York (Central)

County of W<sup>l</sup> York (Central)

Rain Gauge, by \_\_\_\_\_ Observer R. Hartley, Esq., C.E.

Observer R. Hartley by C.E.

Aire & Calder 8

Diameter ...										
Height .....									1 0	
Altitude ...									1040	
Year ...	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909 MEANS.
January ...									3.72	3.02
February ...									3.19	3.97
March .....									4.10	3.58
April .....									3.04	4.10
May .....									2.65	2.53
June.....									2.87	2.79
July .....									4.92	6.86
August.....									4.30	4.25
September ..									4.24	3.34
October ...									3.29	5.90
November ..									3.58	2.32
December...									3.80	6.62
TOTALS ...									43.70	49.18

10 3060

RAINFALL at Halifax (Walshaw Dean Lodge)

County of W R Yorkshire

Observer R. J. Hartley by C.L.

River Basin Gua-Ari-Calder

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*Rain Gauge, by.*

Diameter ...	5										
Height .....	1.0										
Altitude ...	1040										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January .....	6.13	2.75	6.10	5.74	4.71	7.67	4.82	2.72	3.66	5.18	
February .....	6.75	5.95	2.39	2.42	4.27	5.92	5.15	.88	6.93	1.44	
March .....	1.33	2.86	6.37	6.60	6.82	1.77	3.21	2.94	1.83	5.61	
April .....	5.59	2.75	1.59	5.51	2.09	2.29	4.36	1.89	1.21	2.66	
May .....	3.20	1.83	3.97	4.08	3.09	2.16	3.32	1.93	2.93	2.05	
June .....	3.93	5.13	7.71	2.78	2.30	.58	3.11	2.11	2.35	1.78	
July .....	4.24	.75	6.13	1.65	3.86	5.15	3.80	2.19	3.94	3.26	
August .....	6.57	2.66	8.71	2.11	2.28	5.27	4.14	7.09	4.35	4.08	
September ..	.54	3.84	2.87	1.88	3.17	.79	3.25	2.63	11.41	2.77	
October ...	4.22	5.06	5.36	2.73	3.17	1.94	10.20	9.37	3.90	3.92	
November ...	6.38	5.67	4.70	6.79	7.36	2.36	4.48	5.75	3.13	4.80	
December ...	7.75	8.58	6.06	3.26	8.49	9.29	4.24	2.61	8.53	5.15	
TOTALS ...	56.63	47.83	61.96	45.55	51.61	45.09	54.18	42.11	52.17	44.76	

## RAINFALL at Halifax M.W. Walsham Dean Lodge

County of W. R. Yorkshire

Observer P. J. Hartley Esq. G.E.

River Basin Ure, Aire, Calder &amp;

R.P. Brooks (22)

Snowdon Rain Gauge, by  
good condition  
gauge correct.

W.H. Stalifax

Diameter ...	5"											
Height .....	1	0										
Altitude ...	1040											
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930	M.E.M.S.
January ...	4.82	8.61	4.13	4.69	3.40	5.55	6.99	4.64	10.79	2.02	7.03	
February ...	4.24	7.76	4.85	5.71	1.86	8.22	4.92	2.55	5.88	.88	1.51	
March .....	4.67	3.52	2.74	1.99	1.43	2.44	2.70	4.75	3.41	1.06	2.42	
April .....	6.92	2.23	3.56	4.19	2.60	3.98	2.74	4.46	1.33	1.98	2.62	
May .....	5.77	2.81	1.68	4.96	5.59	5.16	4.44	1.50	1.86	3.03	2.48	
June .....	3.12	2.8	2.11	1.34	3.50	1.10	3.66	4.57	6.65	1.79	2.02	
July .....	8.54	2.34	4.41	5.74	5.05	1.93	2.80	3.54	1.71	3.10	7.50	
August .....	2.43	6.39	7.50	5.43	6.84	5.03	4.38	7.44	6.19	4.07	6.87	
September...	2.65	2.07	4.69	7.05	5.86	3.84	3.98	6.45	.86	1.53	4.99	
October.....	2.82	2.77	1.39	6.79	5.28	6.51	4.03	5.23	6.61	6.05	7.55	
November...	3.15	2.72	2.97	6.52	3.02	3.44	4.79	5.78	7.69	8.74	6.95	
December...	4.38	7.12	4.75	4.57	6.09	4.85	2.53	2.14	3.09	10.15	5.06	
TOTALS...	53.51	41.62	44.78	58.93	50.54	51.05	49.96	53.11	56.07	44.45	59.00	

Inspected 9.4.22 S. in open field below reservoir with consider drop to SW  
 30-50 yds away. Suggested moving 100 yds nearer reservoir bank and away  
 from this fall.

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
1925	53° 48'	2° 3' 15W	Hebden Bridge	5' m	S by E	Hepworthall	5 m.	S by E

RAINFALL at  $\frac{1}{2}$  Halifax, W.W. (Walshaw Dean L.)

County of West Riding.

Observer E.P. Brook, Esq., C.E.

River Basin Ouse-Aire-Calder-8.

T. Noel Wood (1939).

Type of Gauge.

Annual Average 48.1 in. based on 27 years obs. un-weighted. Period of average 1881-1915 Ref. 5  
660559/26

Diameter	5.										
Height	1.0.										
Altitude	1040										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means Total 10
January	6.20	5.64	3.46	4.53	2.45	4.82	4.86	6.20	6.12	2.79	47.07
February	5.82	.27	6.10	3.9	7.69	3.42	6.87	2.18	5.07	2.22	40.03
March	3.1	3.12	2.61	3.34	2.05	2.77	2.42	2.15	3.82	3.91	26.50
April	4.88	4.27	1.95	3.13	3.07	1.82	3.96	.68	2.68	4.33	30.77
May	2.66	4.74	2.77	3.29	1.15	2.08	2.87	5.20	1.64	1.23	24.63
June	7.80	1.80	3.59	2.19	3.89	4.22	3.16	4.97	3.55	1.05	36.22
July	5.09	4.24	3.35	2.88	2.54	5.10	2.26	6.45	6.97	5.59	44.47
August	5.07	1.74	1.76	4.63	2.30	4.08	1.88	5.94	2.97	2.87	33.23
September	5.21	5.73	2.02	3.10	8.18	4.84	1.79	2.50	1.72	4.47	39.26
October	2.80	8.13	5.69	5.85	10.33	5.48	2.84	9.96	3.61	5.21	59.96
November	8.49	3.71	3.08	2.53	6.92	6.21	2.20	7.62	7.51	9.13	51.40
December	2.68	2.35	0.53	6.83	4.13	5.65	2.83	4.85	3.45	6.15	39.45
TOTALS	57.01	45.74	36.90	42.69	54.70	50.19	37.94	58.70	49.17	48.95	481.99

Inspected b. &amp; 38. Site not ideal.

1/7/1938 Gauge reset without concrete and surrounded by turf wall.

 $\frac{1}{2}$  Turf wall round gauge (Footnote for B.R.)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
			Hebden Bdg.	4 $\frac{3}{4}$ m	S.S.E.	Lepton Hall	3 $\frac{3}{4}$ m	S.S.E.

Station No. 3260 T.F.

RAINFALL at <sup>§</sup> Halifax W.W. (Walshaw Down 1<sup>o</sup>)

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County of West Riding

Observer J. Noel Wood Esq. C.E.

River Basin One - Area - 8

H. F. Lee Esq. C.E. M.A.S.T.H.

Type of Gauge.....

A.C. W.H.D.S.M.T.H. Esq. (1. vi. 50)

Annual Average 48. Lin. based on 22 years obs. un-weighted. Period of average 1881-1915 Ref. S

File No. 66055926

Diameter	5"	077	255								
Height	1' 0"										
Altitude	1040'			41							
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means Total
January	3.04	7.11	8.53	7.82	4.96	5.71	5.22	11.00	3.63	3.80	60.82
February	7.83	2.59	3.86	3.16	6.16	7.11	4.11	3.55	4.34	6.46	49.19
March	6.28	4.92	1.54	.93	1.76	2.69	9.98	2.16	2.28	2.94	35.48
April	3.65	2.51	3.05	3.59	3.14	1.80	5.62	3.11	4.76	4.31	35.54
May	3.04	4.22	3.39	3.76	5.67	2.32	3.39	1.50	2.81	2.96	33.06
June	.78	1.69	4.73	4.21	5.01	3.69	3.17	5.85	.81	2.46	32.40
July	2.76	5.28	3.03	3.74	2.91	4.83	3.74	2.13	2.99	6.12	36.53
August	7.91	4.89	7.63	3.47	4.98	8.37	.37	4.51	3.00	2.23	52.36
September	.76	3.72	5.37	7.82	3.16	8.20	3.13	3.54	1.62	2.09	44.41
October	6.13	9.08	3.09	5.33	5.58	1.71	1.85	2.82	5.83	3.10	44.52
November	3.94	1.84	4.37	8.43	1.08	9.56	7.16	2.72	7.20	6.06	52.36
December	3.58	4.36	3.64	5.52	3.45	5.17	5.21	5.43	8.47	4.04	49.07
TOTALS	49.70	52.41	52.23	57.78	47.86	61.16	52.95	48.32	47.76	55.57	525.74

<sup>§</sup> Two wall round gaugePosition 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. 3260

11544

RAINFALL at <sup>8</sup> Halifax (Walshaw Dean St.)

County of West Riding - Yorks. Observer C. G. Wildsmith Esq., C.E.

River Basin: Ouse - Aire - Calder &amp; R. L. Green Esq. B.Sc. (Maths.)

Type of Gauge: MKII (on inspection) + A

Annual Average ~~11.1~~ in. based on ~~22~~ years obs. un-weighted. Period of average 1881-1915 Ref. S.

File No. 160559/26

Diameter	5"	077255									Means Total 10
Height	1'0"		1								
Altitude	1046'		51								
Year	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	
January	5.40	6.64	1.75	4.61	4.09	6.69	4.62	5.38	3.61	7.81	50.60
February	5.09	1.87	4.65	3.96	3.51	2.00	4.68	9.96	.93	4.99	41.64
March	5.83	2.44	1.80	3.78	3.01	2.57	4.80	3.14	2.12	2.23	31.72
April	3.01	3.63	3.81	.87	2.29	4.24	.51	2.12	4.70	2.87	28.05
May	5.12	2.50	2.72	3.92	4.50	2.41	1.53	5.64	2.36	2.26	32.96
June	1.53	3.43	3.89	3.32	3.44	3.90	2.83	5.60	4.10	1.47	33.51
July	4.40	2.94	5.45	6.08	.97	6.46	5.81	4.02	3.48	6.46	46.07
August	5.04	6.07	6.79	9.77	1.31	11.56	7.64	4.08	1.18	6.18	59.62
September	3.85	4.76	4.49	6.40	3.28	5.11	7.54	5.81	.41	3.34	48.99
October	1.66	5.67	2.47	8.65	3.56	2.69	6.14	4.30	5.92	7.47	48.53
November	12.28	2.79	5.86	8.64	3.15	2.73	3.49	1.71	5.82	7.96	54.43
December	9.29	5.35	2.61	8.64	7.32	6.80	7.55	5.41	9.00	5.77	67.74
TOTALS	61.50	48.09	46.29	68.64	40.43	57.16	57.14	57.17	43.63	58.81	538.86
	D	D	D	D	D	D	D	D	D	D	

Inspected 6.8.58 on deck. Gauge sound. Measured certified. Site off Sharrow reservoir.  
 Recommended move other side of hedge to protected position. [+A hyetograph]  
 Carried out - letter 19.12.55. New position 8.12.55.

8 Turf Wall Av. 35.22 based on 2 yrs 1955-56 3.50 year Rejected  
 Position of Station on Ordnance One-Inch map : No. of Map 95 National Grid Reference SD 1/26 852335

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

Summary of Earlier Records from 10-year Sheets :

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