

# RAINFALL AT

*Halifax Walsham Deane Lodge*

Lat. \_\_\_\_\_

Lon. \_\_\_\_\_

County of *Wilt York (Central)*

Rain Gauge, by \_\_\_\_\_

Observer

*R. H. Bentley Esq. C.E.*

*Wise & Baldwin's*

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	5.80	
November ..									3.58	2.32	
December ...									3.80	6.62	
TOTALS ...									43.70	49.18	

RAINFALL at Halifax Walsham Dean LodgeCounty of W. YorkshireObserver R. J. Hartley Esq. C.E.River Basin Quire-Quire-Calden 8

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	7.57	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	2.03	
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	10.30	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	4.20	
December...	7.75	8.58	6.06	3.26	8.49	9.29	4.24	2.61	8.53	5.13	
TOTALS ...	53.63	47.83	61.96	45.55	51.61	45.09	54.18	42.11	34.17	44.76	

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

RAINFALL at Halifax W. W. Walshaw Deans LodgeCounty of W. R. YorkshireObserver R. J. Handley Esq. G.C.River Basin Guse. Live. Calder SE. P. Brooke (22)Snowdon Rain Gauge, bygood conditionglass correct.W. W. Walshaw

Diameter ...	5											
Height .....	1	0										
Altitude ...	1040											
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930	Mean.
January ...	4.82	8.61	4.13	4.69	3.40	5.55	5.99	4.64	10.79	2.02	7.03	
February ...	4.24	7.6	4.95	5.71	1.86	8.22	4.92	2.55	5.88	.88	1.51	
March .....	4.67	3.52	2.74	1.99	1.45	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	4.26	5.59	5.16	4.44	1.56	1.86	3.03	2.48	
June .....	3.12	2.8	2.11	1.34	3.50	1.0	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	5.48	6.84	5.03	4.38	7.44	6.79	4.07	6.87	
September...	2.65	2.07	4.69	7.05	5.86	3.84	3.98	6.45	8.6	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 25. 4.22 E. in open field below reservoir with aneroid drop to 310  
30-50 yds away. Suggested moving 100 yds nearer reservoir bank and away  
from this fall.

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 from gauge	Parish Church.	Distance from gauge	Direction from gauge
1925	53° 28'	2° 3' 15W	Hebden Bridge	5 1/2 m.	S by E	Heptonstall	5 m.	S. by E



RAINFALL at § Halifax W.W. (Walshaw Dean L.)County of West Riding Observer E. P. Brock, Esq., C.E.River Basin Ouse-Aire-Calder-8 J. Noel Wood, Esq. (1939)

Type of Gauge .....

Annual Average 48.1 in. based on 22 years obs. un-weighted. Period of average 1881-1915 Ref 5

66055726

Diameter	5.										
Height	1.0.										
Altitude	1040										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means 1881-1940
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	.31	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	27.63
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	1.75	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	4.54	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	3.67	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	43.95	481.99

Inspected 6.4.38. site not ideal.  
 1/7/1938 Gauge reset without concrete and surrounded by turf wall.

§ 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
			Redden Bge.	4 <sup>3</sup> / <sub>4</sub> m	S.S.E.	Heptonstall	3 <sup>3</sup> / <sub>4</sub> m	S.S.E.

Station No. 3260 T.F.

RAINFALL at § Halifax W.V. (Walslow Dean W)

41

County of West RidingObserver J. Noel Wood Esq. C.E.River Basin Ouse - Aire - Calder - SH. F. Lea Esq. C.E. M44

Type of Gauge.....

A.S. WILKESMITH Esq. (1.4.50)Annual Average 48.1 in. based on 22 years obs. un-weighted. Period of average 1881-1915 Ref. SFile No. 66.0559/26

Diameter	5"											
Height	1' 0"											
Altitude	1040'											
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means	
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	4.36	6.46	49.19	
March	6.28	4.92	1.54	3.3	1.76	2.19	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	7.8	1.69	4.73	4.21	5.01	3.69	3.17	5.85	8.1	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	3.7	4.51	3.00	7.23	52.36	
September	7.6	3.72	5.37	7.82	3.16	8.20	3.13	3.54	1.62	7.09	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	4.56	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	56.57	525.74	

§ Twp wall round gauge

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.

Station No. 3260

15 44

RAINFALL at 8 Halifax N.M. (Walslow Dean St.)

51

County of West Riding - Yorks.

Observer P. C. Wildsmith Esq. C.E.

River Basin Ouse - Aire - Galden - S

R. L. GRAY Esq. BSc. (Met.)

Type of Gauge. MK II (on inspection) + A

Annual Average 1881-1915 in. based on 33 years obs. w-weighted. Period of average 1881-1915 Ref. S

File No. 660559/26

Diameter ...	5"			077	255							
Height ...	1'0"				1							
Altitude ...	1046				51							
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means	Totals
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 ...	2.85	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 16.8.58 Mr. Dicks. Gauge sound. Measure verified. Site of gauge reservoir.  
 Recommended move other side of hedge to protected position. [+A hygograph]  
 Carried out - letter 19.12.55. New position as 12.55.

8 Twp Wall Ave. 55.72 based on 2 yrs 1951-52 1955-57 34.100 Rejected

Position of Station on Ordnance One-Inch map:

No. of Map 95

National Grid Reference 36/852335

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
	✓	✓	✓	✓	
	-	✓ but 20-24	✓	✓	