

# RAINFALL AT Wessenden Dobus

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

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

County of York W.R.

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

Observer

J. Stanway Esq  
J. R. Schofield Esq

Base: Wessenden Dobus

Diameter ....		8										
Height .....		10										
Altitude ....	1200	T										
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January ....		2.79	2.67	1.10	3.40	1.96	1.46	1.55	2.67	8.12		
February ....	4.79	.35	1.14	4.93	7.97	1.01	1.91	3.00	2.57	1.74		
March .....	3.55	2.07	.83	.78	3.45	3.89	4.62	4.58	2.09	1.98		
April .....	1.70	1.93	1.46	.76	3.30	2.62	1.33	3.62	2.90	4.11		
May .....	3.25	3.23	3.58	2.61	2.85	1.98	.75	1.52	4.38	3.56		
June .....	3.79	1.95	2.98	2.12	3.32	3.50	3.07	4.17	3.74	1.26		
July .....	3.46	3.95	2.54	4.43	3.32	7.69	4.13	2.28	1.16	2.34		
August .....	5.51	8.16	4.49	2.42	4.49	3.10	2.61	4.05	6.74	2.69		
September....	1.52	3.40	3.39	3.90	1.08	1.39	7.93	4.85	.67	7.25		
October .....	2.69	6.43	6.05	3.27	6.63	4.38	5.84	2.56	5.42	4.35		
November....	5.05	3.54	3.12	3.21	3.18	3.50	2.32	4.77	2.66	2.42		
December ....	.37	7.24	1.73	4.79	3.87	4.02	5.97	5.48	5.07	2.68		
TOTALS ....		45.04	33.98	34.33	46.86	39.04	41.94	42.43	40.07	42.50		

Rejected from survey 8' low.

# RAINFALL AT Wessenden, Robus

Lat. ....

Lon. ....

County of York W.R. Central

Rain Gauge, by .....

Observer J. W. Schofield Esq.

Onse - Aise - Golden 8

Diameter ..	8											
Height ....	1 0											
Altitude ..	1200 T											
Year ....	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEAN.	
January ..	6.82	2.60	4.48	4.74	4.34	1.79	4.24	2.59	2.26	2.21	3.607	
February ..	4.04	1.83	.99	5.07	3.78	1.38	1.85	.86	3.50	1.74	2.504	
March ....	1.04	4.89	2.33	6.93	1.49	4.26	4.46	4.02	3.17	2.16	3.475	
April .....	2.81	2.87	2.33	1.93	4.49	3.97	1.19	2.61	1.12	5.46	2.878	
May .....	1.62	1.83	3.45	5.30	3.13	1.29	3.87	3.50	4.63	3.33	3.195	
June .....	5.10	2.26	2.06	1.65	1.87	2.66	2.29	8.45	2.20	3.13	3.167	
July .....	4.35	4.81	3.32	4.48	1.95	3.15	1.85	2.74	4.98	6.60	3.823	
August ....	6.69	2.98	4.18	6.32	5.28	5.10	4.48	5.22	3.55	3.70	4.750	
September ..	2.10	1.00	3.23	6.29	1.45	3.31	1.72	1.14	4.10	3.12	2.746	
October ....	5.77	4.82	5.83	10.50	2.52	3.20	5.18	5.62	2.03	7.43	5.290	
November ..	3.74	7.35	2.45	3.75	2.72	4.90	4.92	4.74	2.46	.25	3.728	
December ..	6.69	4.75	4.31	2.81	2.81	3.00	2.31	4.51	3.23	6.31	4.073	
TOTALS ..	50.77	41.99	38.96	59.77	35.80	38.01	38.36	46.00	37.23	45.44	43.236	45.4

Rejected from survey 8.10.

RAINFALL at Wessenden RobusCounty of W.R. YorkshireObserver J.W. Schofield by Edouard JonesRiver Basin Onze-Aire-Calden 5J.W. Arncliffe Esq. C.E.Haisher Rain Gauge, by Nr 2  
797, 797, 795, 795

Diameter ...	8										
Height .....	10										
Altitude ...	1200										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	3.00	2.12	2.55	3.89	2.56	5.86	4.86	2.25	3.00	4.77	
February ...	7.38	4.59	3.08	1.77	3.71	3.86	5.28	.64	7.63	1.91	
March .....	1.38	3.40	5.13	5.79	4.99	1.13	3.08	2.74	2.12	7.54	
April .....	3.65	2.98	1.56	4.06	1.68	1.83	2.99	1.86	1.64	2.70	
May .....	2.82	2.12	4.35	3.50	2.47	1.81	4.10	2.38	3.54	(2.46)	
June .....	4.10	1.76	4.26	2.82	3.71	1.71	4.03	2.17	1.94	2.03	
July .....	6.98	2.09	2.73	1.45	4.67	5.35	2.59	2.21	8.67	3.04	
August .....	4.38	2.86	6.12	2.28	3.62	6.55	3.09	8.03	4.17	3.97	
September ..	1.53	4.80	1.90	2.24	2.04	.63	3.37	2.30	13.54	2.56	
October ...	3.08	2.58	4.25	3.11	3.09	2.23	8.49	7.44	3.71	3.41	
November ...	3.20	5.46	1.68	4.05	4.85	2.12	4.55	6.00	2.53	4.91	
December ...	7.13	5.78	6.70	2.51	6.82	8.31	3.66	2.35	8.64	9.25	
TOTALS ...	48.58	40.54	44.31	37.47	44.11	41.39	50.09	40.37	58.13	(48.61)	

1919 May. 2.00 in. deducted for tampering -

+ 28. I. 15 c. In 8 ft sq. open iron railed enclosure, raised as at Buttery.  
Over deposited on level moor. must lose much S. Gaid (see Hollin Bank)  
to be removed.

Rejected from survey. 8" low

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



RAINFALL at Wessenden BobusCounty of N. R. YorkshireObserver J. M. Ansell Esq. C.E.River Basin Cuse. Riv. Calder SHamdenfield W.Glaisher Rain Gauge, by N. H.

Diameter ...	8										
Height .....	1 0										
Altitude ...	1200										
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 March
January ...	5.61	7.65	3.30	4.61	5.79	3.50	4.39	4.46	11.51	1.46	5.05
February ...	5.51	.63	5.65	6.13	2.14	6.49	3.70	2.83	5.81	.62	.75
March .....	3.50	4.07	2.87	2.31	1.63	2.09	1.70	4.50	2.61	1.20	2.10
April .....	6.97	2.08	3.29	3.51	2.41	2.11	1.99	3.74	1.17	1.42	2.92
May .....	7.05	2.27	1.56	3.37	6.55	4.10	4.36	1.66	1.74	2.59	2.58
June .....	3.45	.33	3.21	.97	2.20	.02	3.29	4.20	5.82	1.09	2.22
July .....	9.14	1.96	5.26	4.44	3.71	1.88	2.75	2.28	1.67	1.86	6.42
August .....	2.63	6.19	5.37	4.27	3.74	3.68	4.84	5.70	4.85	4.15	5.09
September...	2.67	1.18	4.03	4.59	4.49	3.10	3.31	6.36	.46	1.48	4.32
October .....	1.86	2.59	1.45	5.28	5.40	5.74	3.99	3.45	5.22	4.72	5.52
November...	2.14	2.46	2.54	7.57	2.05	3.11	5.32	4.75	6.53	7.21	4.81
December...	4.34	5.14	4.12	4.35	5.03	4.61	2.17	1.57	2.71	5.89	3.09
TOTALS...	55.17	39.85	42.65	52.00	43.14	40.43	41.81	44.90	50.30	33.69	44.87

Inspected by Mr. J. H. Cullen see green file

1930. 9. in ft. square iron hurdle fence, 6 ft. high.

Rejected from survey, 8" low.

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	Parish Church.	Distance from gauge	Direction
1927			Heardon			Heardon		

RAINFALL at Wessenden (Bobus)\*County of West RidingObserver J. W. Armitage, Esq., C.E.River Basin Ouse Aire-CalderJ. P. Beaudge .. (1936)

Type of Gauge.....

Annual Average 4.7 in. based on 39 years obs. ~~un~~-weighted. Period of average 1891-1935 Ref. 5

660601/26

Diameter	8.										
Height	1.0.										
Altitude	1200.										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	4.23	5.18	3.01	3.72	2.04	3.64	4.67	5.12	5.63	(2.43)	
February	5.01	.30	5.33	.31	6.26	2.00	4.70	2.14	5.48	(2.07)	
March	.25	2.36	2.91	3.16	2.46	3.70	2.74	1.36	3.59	4.88	
April	3.79	4.13	1.81	2.34	4.08	2.00	3.01	.62	2.82	3.16	
May	3.17	(5.82)	1.88	3.33	.77	1.88	3.86	4.80	1.81	.98	
June	4.95	.49	2.69	2.32	4.26	5.29	3.10	5.15	4.12	.89	
July	4.96	4.71	3.77	3.84	2.13	3.83	2.47	4.71	9.09	4.12	
August	5.90	1.78	1.90	3.25	1.84	2.44	1.57	3.92	2.39	2.72	
September	3.84	5.33	1.80	2.87	7.48	5.83	1.87	2.40	1.49	5.02	
October	2.30	7.35	4.93	5.75	10.29	5.82	3.19	11.14	2.91	5.64	
November	6.19	3.21	1.95	2.46	8.11	6.70	3.00	5.00	8.94	7.82	
December	3.31	2.11	0.49	6.66	2.62	4.28	2.12	5.37	4.96	4.58	
TOTALS	47.90	(42.77)	31.87	40.01	52.34	47.11	36.30	51.73	53.23	43.81	

\* Gauge in 6ft. square iron hurdle fence, 6ft. high (B.R.) Deleted from B.R.

1932. May adjusted by surrounding stations.

(1936)

1934. Fence round gauge enlarged to comply with requirements of Inspection Report of 19<sup>th</sup> Oct. 1934.

1935. altered 5'.

(1940. Jan. &amp; Feb. apporportioned for 24.02)

? Turf wall set up round gauge in June 1938.

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

Station No. 3191

RAINFALL at Wessenden (Balns) §

41

County of West RidingObserver J. P. Beveridge, Esq. C.F.River Basin Ouse - Aire - Calder: 8

Type of Gauge

Annual Average in. based on years obs. un-weighted. Period of average Ref.

File No. 660601/26

Diameter	8"			078	526							
Height	1' 0"				1							
Altitude	1200'				41							
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means	
January	(4.00)	4.16	6.22	8.02	4.91	6.52	4.03	11.04	2.27	2.46		
February	6.83	1.25	3.22	2.29	6.23	7.43	1.58	2.99	2.90	7.07		
March	5.50	3.24	1.60	4.6	1.56	2.34	10.03	2.08	2.40	2.72		
April	3.20	2.90	2.56	3.37	2.72	1.91	4.15	2.41	1.49	4.83		
May	2.65	5.14	2.98	4.44	3.87	1.99	4.48	2.14	3.32	2.94		
June	1.45	1.35	3.62	3.62	7.37	4.20	3.39	4.48	8.4	3.05		
July	1.92	4.67	3.30	3.74	1.46	6.75	2.49	2.60	3.38	4.99		
August	9.19	5.91	7.90	5.05	3.76	6.94	.33	6.06	3.64	6.28		
September	.54	2.81	5.19	6.09	3.43	7.42	3.08	2.80	1.91	9.00		
October	6.37	6.65	3.21	5.14	8.37	1.43	1.25	3.03	4.79	2.86		
November	3.72	1.19	4.49	8.93	.93	9.50	8.00	2.26	7.65	7.86		
December	2.91	4.52	2.93	4.61	3.32	3.73	4.71	4.48	8.98	2.84		
TOTALS	48.28	43.79	47.22	55.76	47.93	60.16	47.52	46.37	46.57	57.35		

1941. Jan. cord for snow.  
 1950 Engineer unable to inspect for low tide during 1949.  
 New gauge installed August 1949.

40004

§ Turf wall set up round gauge in R 38.

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.

BRITISH RAINFALL ORGANIZATION



Station No. 3191RAINFALL at § Wessenden (Bates)

51

County of West Riding - YorksObserver J. P. Bewridge Esq. C.F.River Basin Ouse - Aire - CalderType of Gauge Mk I

Annual Average in, based on years obs. un-weighted. Period of average Ref.

" " 50.48 " 17 " with 1939-37 " 1916-53

File No. 66601/26

Diameter ...	8"		078	526							
Height ...	1' 0"			1							
Altitude ...	1200'			51							
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	6.70	4.77	2.17	4.63	4.28	6.08	5.11	5.62	6.43	7.46	
February ...	4.22	2.10	2.72	4.21	3.16	2.39	4.20	8.01	.53	5.23	
March ...	6.97	2.95	2.92	3.38	2.91	1.77	4.55	4.53	2.73	2.17	
April ...	3.02	4.37	4.12	.98	3.04	3.02	.70	1.56	5.62	2.97	
May ...	3.58	2.21	2.73	4.36	4.09	2.21	1.60	5.85	2.74	2.74	
June ...	1.23	3.50	3.97	4.77	4.08	4.11	2.58	6.39	2.61	2.11	
July ...	3.24	3.18	7.87	6.36	1.63	8.49	5.68	5.93	4.20	7.77	
August ...	7.52	4.98	6.44	6.73	1.16	14.20	6.42	5.68	.72	7.28	
September ...	3.43	4.36	3.85	6.50	3.00	5.62	7.98	6.84	.40	3.79	
October ...	1.53	6.51	3.55	9.60	3.02	3.80	7.43	4.91	4.94	7.03	
November ...	10.72	2.57	4.75	8.46	2.78	2.01	3.63	1.74	5.48	5.53	
December ...	7.92	4.18	2.23	7.69	6.10	5.53	5.12	5.89	8.64	5.36	
TOTALS ...	60.08	45.68	47.32	61.67	39.25	59.23	55.00	62.95	45.04	59.46	
		M	M					M	M	M	

1951 May 1958 1960. Weekly gauge this month. Satisfactory

§ Twp wall.

Position of Station on Ordnance One-Inch map : No. of Map..... National Grid Reference SE035097

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
	✓	✓	✓ up 25.28	✓ up 48.49	