

RAINFALL at Wessenden Old ReservoirCounty of W.R. YorkshireObserver Jas. Armitage Esq. C.E.River Basin Ouse - Aire Calder 8Painted Glaisher Rain Gauge, by N & Z
 Mean {

 796

 797

 794

 795

glass correct

Diameter ...						8						
Height						10						
Altitude ...						940						
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	1916-19 Means Totals	
January ...						4.95	5.25	3.43	4.13	6.22	19.03	
February ...						4.67	7.14	.81	9.12	2.01	19.08	
March						2.00	5.97	4.48	2.48	7.99	20.72	
April						2.54	4.08	3.45	1.79	.99	10.29	
May						2.43	3.82	2.60	3.32	(2.92)	12.46	
June36	3.77	2.10	2.49	1.50	9.86	
July						6.44	2.79	2.15	5.23	3.58	13.75	
August						6.12	2.94	7.54	4.44	4.51	19.23	
September ..						.55	3.42	2.93	14.78	2.57	23.70	
October ...						1.75	8.42	9.18	3.81	3.96	25.17	
November ..						4.48	5.32	5.95	2.98	4.08	18.33	
December...						10.63	4.47	3.98	11.16	7.00	26.61	
TOTALS ...						46.96	57.39	48.60	65.73	(46.51)	218.23	

7/15 Mar 3 { refilled in hole below embankment
 1919 May. 6 in. deducted for tampering.

Inspected (old site) 28.1.15 { placed
 g. ~~about~~ like others, but in 5 ft square wooden rails, just over the
 edge of Res. bank on NW side, ground falling away 70 ft @ 30° angle.
 V. badly over exposed on that side. On SE. water is only 5 ft below bank.
 Moved 3.11.15 to flat below embankment cut, a much
 better site.

Replaced from among 3 below.

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

RAINFALL at Hessenden Old ReservoirCounty of N. B. YorkshireObserver J. H. Arncliffe Esq. B.E.River Basin Cause - Aire - Calder &Huddersfield C.W.Painted Flasher Rain Gauge, by W. J. J.

Diameter ...	8												
Height	10												
Altitude ...	940												
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MEANS.	1920-30 Totals	
January ...	4.69	8.39	2.61	5.27	3.11	5.35	4.65	5.26	8.15	1.75	7.05	56.28	
February ...	5.32	7.0	6.26	5.33	1.88	7.84	4.33	1.78	4.40	57	1.05	39.46	
March	3.34	4.68	3.49	2.44	1.46	2.17	2.16	5.27	2.69	1.42	3.60	32.72	
April	6.05	2.35	4.26	3.70	2.31	3.09	2.92	3.46	1.28	1.55	3.45	34.42	
May	7.35	2.72	1.57	5.36	7.23	4.45	4.79	1.56	2.87	3.34	2.70	43.14	
June	3.26	2.26	3.31	1.24	2.28	1.04	3.26	4.23	6.71	1.26	3.38	29.28	
July	9.84	1.32	4.85	4.70	3.90	2.27	3.41	2.96	1.81	2.30	8.06	45.42	
August	2.76	7.19	6.27	5.01	4.84	3.82	5.02	5.21	4.97	4.48	4.61	54.18	
September...	2.50	1.28	4.35	4.37	5.45	3.64	3.77	5.77	7.9	1.90	4.23	38.05	
October	1.78	2.76	1.73	3.20	5.71	5.98	4.06	3.35	5.70	5.66	6.36	45.89	
November...	2.07	2.77	3.24	6.88	2.60	2.82	5.05	5.53	6.99	8.72	5.59	52.26	
December...	4.24	8.41	5.26	4.77	5.46	2.87	2.71	1.18	5.32	8.11	3.32	49.05	
TOTALS...	53.20	42.83	47.20	57.67	46.23	44.34	46.13	45.61	48.48	41.06	53.40	520.15	

X/28 Inspects by Mr. Corless and green file

1930. 4. in 6 ft. square iron hurdle fence 6 ft. high.

Rejected from survey. 3" 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.			Haraden			Haraden.		

RAINFALL at Wessenden (Old Reservoir) *County of West RidingObserver J. W. A. Armitage, Esq., C.E.River Basin Ouse-Aire-Calden-BJ. P. Bourdieu (1936)

Type of Gauge.....

Annual Average 45.6 in. based on 15 years obs. un-weighted. Period of average 1891-1915 Ref. 5

66060/26

Diameter	8.											
Height	1.0.											
Altitude	940.			1270								
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means Totals	1931-40
January	5.64	5.62	3.60	3.28	2.32	4.90	6.12	6.73	5.97	(2.29)	46.47	
February	7.06	.52	6.42	.34	7.15	3.18	6.65	2.47	6.01	(2.10)	41.90	
March	.51	3.31	3.62	4.14	2.52	4.46	4.69	1.69	4.00	4.44	33.38	
April	4.78	4.50	1.52	3.15	4.63	2.79	2.82	.72	3.38	3.63	31.93	
May	3.20	5.92	1.89	3.23	.85	1.94	3.17	5.05	2.26	.94	28.45	
June	5.73	.43	3.21	2.47	4.53	5.50	3.01	4.88	4.23	1.14	35.13	
July	5.41	5.84	4.41	3.68	2.25	4.76	3.21	5.35	9.49	4.35	48.25	
August	6.55	1.90	2.20	3.22	1.79	2.71	1.84	4.26	2.44	2.85	29.76	
September	5.24	5.36	2.63	2.63	7.69	6.32	2.33	2.46	1.75	5.38	41.79	
October	2.71	7.22	4.97	5.47	11.08	6.49	3.44	11.53	3.51	6.05	62.47	
November	6.41	3.65	2.07	3.11	8.56	7.63	3.71	6.09	8.32	9.99	59.54	
December	3.52	2.28	0.71	6.74	3.30	4.67	2.63	5.11	4.77	5.30	39.03	
TOTALS	56.76	46.05	37.26	41.46	56.67	55.35	43.62	56.34	56.13	48.46	498.10	

* Gauge in 6ft. square iron hurdle fence, 6ft. high. (B.R.) Deleted B.R. 1936.
 xii/34 Fence round gauge enlarged as required by Inspection Report on Oct. 19th 1928
 1940. Jan. & Feb. appraised 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 from gauge	Parish Church.	Distance from gauge	Direction from gauge

BRITISH RAINFALL ORGANIZATION, EXHIBITION ROAD, LONDON, S.W.7.

Station No. 3189

RAINFALL at Vespaenden (Old Reservoir)

41

County of Hert RidingObserver J P Beveridge Esq C.ERiver Basin Ouse - Aire - Calder - S

Type of Gauge

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

File No. 660601/26

Diameter	8"		078	496							
Height	1' 0"			1							
Altitude	1270'			41		940'					
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	1941-50 Means Totals
January	4.30	4.68	6.97	8.64	4.63	6.69	4.00	12.67	2.58	3.49	58.65
February	6.60	1.29	4.13	2.88	6.25	8.11	(1.47)	3.79	3.40	7.69	45.61
March	7.10	3.65	2.07	.51	1.65	2.48	7.53	2.15	1.82	2.75	31.71
April	4.66	2.91	2.84	3.39	2.64	2.33	5.18	2.98	4.98 3.26	5.51	37.42
May	3.15	4.83	3.50	5.81	3.93	2.37	4.21	2.37	3.26 2.71	2.97	36.40
June	1.11	1.67	4.03	3.43	7.65	4.65	3.79	5.00	3.71 3.56	2.61	34.70
July	1.92	5.37	3.27	3.28	1.61	6.21	2.87	3.20	3.86 3.74	4.36	35.65
August	8.82	6.33	6.63	5.62	4.17	7.17	.25	6.37	3.74 1.85	6.63	55.73
September	.60	3.67	5.43	6.32	3.51	7.44	3.15	3.02	1.85 4.86	8.06	43.55
October	5.91	8.03	2.91	5.45	7.87	2.07	1.50	3.10	4.86 4.86	2.48	44.18
November	3.96	1.39	4.38	9.26	.92	10.38	8.50	2.32	7.93	7.82	56.86
December	3.18	4.72	3.13	4.95	3.26	4.18	5.75	5.17	9.75	3.14	47.23
TOTALS	51.31	48.54	49.29	59.54	48.09	64.08	48.20	52.19	48.44	58.01	527.69

1941. Jan & Feb. cold for snow.

1947 Feb. cold for snow

20004

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. 3189RAINFALL at Wessenden (Old Reservoir)

51

County of West Riding - Yorks.Observer J. P. Beveridge Esq. C.E.River Basin Cuse-Pike Calder &Type of Gauge Snowdon.Annual Average 52.36 in. based on 21 years obs. un-weighted. Period of average 1916-50 Ref. 66060/26

File No.

Diameter ...	8"		078	496							
Height ...	1'0"			1							
Altitude ...	940'			51							
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	<u>Means</u> <u>Total</u>
January ...	6.46	5.07	2.47	4.87	3.76	6.00	5.32	5.52	4.87	6.99	51.33
February ...	5.27	1.65	2.34	3.94	2.36	1.53	4.46	8.11	.50	3.39	33.55
March ...	7.70	2.38	3.26	3.16	3.26	1.99	4.48	4.57	2.61	2.13	35.54
April ...	3.12	4.64	4.51	1.03	2.83	3.88	1.83	1.48	6.39	2.97	32.74
May ...	4.58	2.55	3.03	4.36	4.86	2.09	1.35	5.75	2.67	3.14	34.38
June ...	1.49	3.33	4.85	4.55	4.28	3.72	2.76	6.51	2.43	2.42	36.34
July ...	3.67	2.94	7.53	6.30	1.45	8.43	5.86	6.37	4.58	7.85	54.98
August ...	6.90	4.69	6.14	7.26	.88	13.61	6.12	5.51	.67	7.14	58.92
September ...	3.12	5.11	3.46	6.48	3.02	5.40	7.58	6.04	.40	3.49	44.10
October ...	1.38	6.76	3.40	8.89	3.14	3.65	7.00	5.53	4.83	7.95	52.53
November ...	11.19	2.83	4.53	8.16	2.55	2.24	4.02	1.63	6.32	5.70	49.17
December ...	9.01	4.78	2.11	8.46	6.60	5.85	5.29	6.34	9.81	5.82	64.07
TOTALS ...	63.81	46.73	47.63	67.46	39.05	58.39	56.07	63.36	46.08	58.99	547.65
		M	M					M	M	M	

INSPE. MAY 1958. J.P.B. Slightly overexposed W-SW. Turf wall would not help. W 2 M

Position of Station on Ordnance One-Inch map :

No. of Map.....

National Grid Reference SE056087

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

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
	C19.5	✓	✓	✓	
	-	-	-	-	