

RAINFALL AT Wessenden Great Butterley

Lat.

Lon.

County of York W.R.

Rain Gauge, by

Observer

J. Stanway Esq
J. W. Schofield Esq

Once - Aire & Calder 8

Diameter	8											
Height	10											
Altitude	1110	T										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January	3.07	2.75	1.22	3.35	1.94	1.71	1.57	2.54	7.16			
February	11.76	.39	1.16	4.90	7.87	.98	1.84	2.86	2.41	1.66		
March	3.98	2.24	.84	.74	3.45	3.87	4.81	4.51	1.95	1.89		
April	1.95	2.00	1.45	.78	3.27	2.59	1.45	3.24	2.76	4.23		
May	3.49	3.04	3.84	2.64	2.84	1.96	.66	1.24	4.13	3.35		
June	3.71	1.84	2.94	2.09	3.29	3.79	2.54	3.85	3.27	1.19		
July	3.16	3.20	2.51	4.37	3.08	7.26	3.11	1.96	1.06	2.35		
August	5.43	7.91	4.55	2.26	4.45	3.14	2.14	3.65	6.29	2.63		
September	1.53	3.46	3.57	3.86	1.06	1.29	7.26	4.14	.57	7.48		
October	2.89	6.41	6.90	3.22	6.50	4.00	5.64	2.44	4.65	5.04		
November	5.00	3.74	3.24	3.17	3.15	3.18	2.20	4.51	2.48	2.37		
December43	8.06	1.71	4.66	3.86	3.90	5.38	5.34	4.74	2.71		
TOTALS	45.36	35.46	33.86	46.17	37.90	38.74	39.31	36.85	42.06			

Rejected from purity 5% low.

RAINFALL AT Wessenden Great Butterley

Lat. Lon. County of York W.R. Contract

Rain Gauge, by

Observer J.W. Schofield Esq.

Dust. Aire & Calder 8

Diameter ..	8									
Height ..	1 0									
Altitude ..	1110 ft									
Year ..	1900	1901	1902	1903	1904	1905	1906	1907	1908	MIRANS.
January ..	7.73	2.92	5.23	4.94	4.13	2.00	4.30	2.96	2.17	2.34
February ..	4.24	2.02	1.20	5.40	3.95	1.44	2.12	1.12	3.51	2.17
March ..	1.16	5.31	2.61	7.15	1.70	3.68	4.87	4.49	3.70	2.40
April ..	3.10	3.19	2.73	2.00	4.19	3.88	1.46	2.97	1.13	5.60
May ..	1.67	2.14	3.67	5.21	2.81	1.25	4.13	3.53	4.35	3.42
June ..	5.12	2.38	2.31	1.80	1.67	2.80	2.45	7.90	2.15	3.27
July ..	3.95	5.20	3.67	4.41	1.88	2.98	1.91	2.90	4.59	6.76
August ..	7.22	3.38	4.36	6.45	5.13	5.72	4.28	5.54	3.30	3.60
September ..	2.31	.92	3.54	6.32	1.23	3.78	1.66	1.20	4.27	2.68
October ..	6.19	5.41	6.24	10.28	2.37	3.56	5.29	5.74	2.25	9.03
November ..	4.25	8.51	2.32	3.97	2.77	4.84	5.26	4.91	2.63	.35
December ..	7.39	6.02	4.33	2.66	2.82	3.20	3.17	4.72	3.23	6.58
TOTALS ..	54.33	47.40	42.21	60.59	34.65	39.08	40.90	48.07	37.28	4820
										45.27

H.W.B.

Rejected from survey. 3 low.

10 3190

RAINFALL at Wessenden Gap & Butterley moss (1911)

County of W.R.Yokohama

Observer J.C. Schopeld by Edgar Jones

River Basin Once-Arie-Calder S

J.W. Amistad by C.L.

Somed
painted glass Rain Gauge, by No 2
7.90 6.08 7.95 7.98.

—

Glass
Correct

Diameter ...	8										
Height	10										
Altitude ...	1110 T										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	1916-19 Means. Totals
January ...	3.42	2.86	4.04	3.91	3.63	7.88	6.00	2.81	3.29	5.22	17.32
February ...	9.33	4.28	3.55	1.90	4.19	6.45	6.15	.49	7.27	1.19	15.10
March	1.33	3.45	4.85	7.61	5.61	1.58	3.06	3.10	2.09	5.83	14.08
April	3.70	2.77	1.95	5.65	1.73	2.43	3.36	1.58	1.48	2.81	9.23
May	3.04	2.03	4.63	4.26	2.47	2.00	3.97	2.04	3.14	2.16	11.31
June	3.61	1.74	5.62	2.95	2.98	1.57	3.89	2.40	2.13	1.97	10.39
July	6.75	2.64	3.17	1.51	4.35	5.44	2.76	1.95	5.61	3.22	13.54
August	6.79	3.32	10.97	2.51	3.98	6.61	3.20	7.51	4.19	4.44	19.34
September	1.56	4.68	1.94	2.23	3.06	.65	3.28	2.82	13.93	2.45	22.48
October ...	2.82	2.87	5.79	3.73	3.49	1.96	8.66	7.88	3.69	3.47	23.70
November ...	3.45	6.60	2.10	4.97	6.39	1.91	4.96	6.72	2.71	4.29	17.68
December ...	6.92	7.47	7.83	3.31	7.22	8.80	3.50	2.35	8.67	9.70	24.22
TOTALS ...	51.72	44.71	56.44	44.54	49.10	46.22	52.79	40.65	58.20	46.75	198.39

+ 28. I. 15 Cf. On level moor. In 8 ft. sq. open iron railled enclosure, the earth within being raised about 1 foot. ~~Soil~~ land falls into shallow valley a few hundred yards W. or N.W. Grid as on Hollin Bank moor (to be removed) over exposed.

Rejected from survey. 5' low.

RAINFALL at Nessenden Butterley MossCounty of N. R. YorkshireObserver J. W. Arncliffe Esq. C.E.River Basin Ouse-Aire-Calder S.Gaudenfield WoodsPainted Glass Rain Gauge, by Neddy

Diameter ...	8											
Height	1	0										
Altitude ...	1110											
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	¹⁹³⁰ 1929	1920-30 Totals
January ...	4.88	9.44	2.71	5.34	3.78	4.40	5.01	4.50	11.90	1.54	61.64	60.14
February ...	4.90	.59	6.48	7.17	1.12	4.77	4.44	2.70	5.66	.53	1.04	41.83
March	3.81	5.89	3.06	2.89	1.29	1.78	1.63	5.88	2.20	1.22	2.66	32.71
April	7.88	2.64	4.15	3.93	2.51	3.11	2.43	4.02	1.09	1.53	2.91	36.22
May	6.91	2.90	2.16	5.08	7.68	4.79	5.03	1.82	2.05	3.02	2.95	44.39
June	3.60	.35	3.74	1.19	2.46	.02	3.48	5.23	6.50	1.31	3.18	31.06
July	10.85	2.37	5.62	4.54	4.22	2.04	2.88	2.78	1.74	1.95	8.21	47.20
August	3.00	6.62	6.18	5.53	4.42	4.38	4.95	7.20	5.34	4.80	5.18	57.62
September...	2.84	1.28	4.85	5.25	5.51	3.90	3.60	7.64	.69	1.78	3.32	40.66
October....	2.09	2.94	1.62	5.68	5.87	4.13	4.16	3.96	5.09	5.42	8.45	52.41
November...	2.32	2.98	2.91	8.10	2.90	3.09	5.44	5.50	7.24	8.72	7.30	56.80
December...	5.21	8.82	4.87	4.21	6.36	4.20	2.53	1.02	2.92	9.21	4.23	53.58
TOTALS...	58.29	46.82	48.35	58.93	48.12	46.61	45.91	51.75	52.72	41.03	56.07	554.62

2/28. Inspected by Mr Corlett see greenfile

1920. Gauge from Nessenden Head (old) was set up in 1929 on this site.
(Incl. 26° 7. 660601/26.)

Rejected from survey. 5" 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
1927			Masden		Masden

RAINFALL at Wessenden (Butterley Moss).

County of West Riding.

Observer J.W. Armitage, Esq., C.E.

River Basin Ouse-Aire-Calder-8.

J.P. Bewridge (1936)

Type of Gauge.

Annual Average 44.5 in. based on 50 years obs. un-weighted. Period of average 1851-1915 Ref. 660601/26

Diameter	8.										
Height	1.0.										
Altitude	1110.										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	1931-40 Means Totals
January	6.28	5.52	3.79	3.77	2.31	5.84	5.59	6.28	4.62	(2.52)	46.22
February	7.71	8.87	5.97	3.36	6.91	2.47	5.15	2.38	5.48	(1.95)	38.75
March	4.46	2.81	3.36	3.44	2.51	4.85	3.44	1.58	3.71	4.09	29.95
April	4.91	4.44	1.52	2.72	4.68	2.85	3.21	.70	3.38	3.20	31.31
May	3.22	5.06	1.67	3.10	8.83	1.77	3.22	5.18	2.04	1.01	27.12
June	5.82	5.52	2.72	2.09	4.59	5.53	3.01	5.05	4.09	.96	34.38
July	5.18	4.87	4.17	3.58	2.44	4.86	3.22	5.21	8.18	4.37	46.08
August	6.42	1.79	2.03	3.01	1.86	2.81	1.89	3.88	2.23	2.83	28.75
September	4.56	5.39	2.27	2.76	7.79	6.78	2.23	2.62	1.54	5.11	41.05
October	2.58	7.11	4.84	5.54	12.08	6.37	3.53	11.64	3.18	6.16	63.03
November	7.42	3.64	2.09	2.77	8.88	7.66	3.43	5.45	8.63	8.86	58.82
December	3.08	2.46	0.89	6.48	3.68	4.41	2.85	4.80	4.24	4.79	38.28
TOTALS	58.54	43.98	35.02	39.62	58.56	55.30	40.77	54.77	51.34	45.85	483.75

1931. New g. set up 1/31 replaced old g. the records from which were rejected from Survey as S° too low.

1940. Jan. & Feb. apportioned 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

Station No. 3190

41

RAINFALL at Wessenden (Batterley Moors)

County of West Riding Observer J. P. Beveridge Esq. C.E.

River Basin Ouse - Aire - Calder - 8

Type of Gauge.

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

Ref

File No. 66060/126

Diameter	8"	078	520								
Height	1' 0"		1								
Altitude	1110'		W1								
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	1941-50 Means Totals
January	(3.71)	4.21	6.38	8.13	3.96	6.53	3.70	11.98	2.35	3.54	54.47
February	(6.92)	1.24	3.52	2.03	6.14	8.46	1.85	3.72	3.58	7.23	44.75
March	6.05	3.40	2.39	4.48	1.68	1.84	10.34	2.41	1.98	2.79	33.36
April	3.84	2.85	2.84	3.40	3.02	2.03	4.80	3.00	5.11	5.46	36.35
May	3.21	4.65	2.92	4.87	3.96	2.02	4.39	2.41	3.34	2.94	34.71
June	1.24	1.54	3.57	3.62	7.80	4.73	3.94	5.09	7.14	2.80	35.07
July	1.85	4.78	3.59	3.31	1.61	6.80	2.89	3.10	3.49	4.68	36.10
August	9.04	6.39	6.89	5.40	4.02	7.43	2.28	6.13	3.90	6.12	55.60
September	.61	3.20	5.31	6.21	3.75	7.51	3.32	3.18	1.95	9.22	44.26
October	6.38	7.43	3.06	5.33	8.18	1.80	1.48	3.17	4.76	2.39	44.04
November	3.85	1.43	4.42	8.97	.96	10.21	9.02	2.44	8.22	8.06	57.58
December	2.82	4.85	2.79	4.57	3.45	3.90	5.58	5.16	9.74	2.71	45.57
TOTALS	49.52	46.03	47.68	56.38	48.53	63.36	51.59	61.79	49.14	67.94	521.86

1941. Jan & Feb. affected for snow.
60004Position 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

Station No. 3190

51

RAINFALL at Wessenden (Butterley Moss)

County of West Riding - Yorks.

Observer

J. P. Beveridge Esq., C.F.

River Basin. Dose - Aire - Calder S

Type of Gauge. Snowdon

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

50.25 " 35 " 1916-1950

Ref.

1916-1950

File No. 660601/26 P

Diameter	8"		078	520							
Height	1' 0"			1						1' 1"	
Altitude	1110"			51							
Year	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means Total
January	6.32	4.64	2.79	4.82	4.34	5.95	5.38	5.59	4.80	6.30	50.93
February	4.13	1.87	(2.34)	3.85	2.29	1.42	4.44	8.27	.52	3.58	32.71
March	7.13	2.73	3.34	3.42	3.00	2.30	4.92	5.58	2.76	1.85	34.03
April	3.82	4.57	4.57	1.05	3.44	3.69	.85	1.66	6.04	3.22	32.41
May	3.98	2.56	2.99	4.48	4.77	2.31	1.51	5.90	2.74	3.05	34.29
June	1.48	3.55	4.22	4.65	4.18	3.91	2.88	6.71	2.70	2.35	36.63
July	3.58	3.32	7.82	6.54	1.63	8.77	5.78	6.03	4.39	8.25	56.11
August	7.35	5.64	6.27	7.00	1.30	14.00	6.47	5.91	.72	7.26	61.92
September	3.57	5.19	3.53	7.20	3.10	5.62	8.15	6.87	.39	3.68	47.30
October	1.51	6.70	3.52	9.54	3.35	3.83	7.51	5.79	4.99	6.99	53.73
November	11.50	2.97	4.60	9.02	2.91	2.23	3.90	1.70	5.55	5.69	50.07
December	8.88	4.45	2.18	8.74	7.09	6.04	5.51	6.15	9.46	5.71	64.21
TOTALS	62.75	48.19	48.17	70.31	41.40	60.07	57.30	66.16	45.06	57.93	557.34
	M	M	M	M	M	M	M	M	M	M	

1958 MAY 1958 80X Weekly & monthly. Satisfactory
20004

(Alt.)

Position of Station on Ordnance One-Inch map : No. of Map National Grid Reference SE 647096

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

Summary of Earlier Records from 10-year Sheets :

1916-1950, P - accepted

Record D. or d	1910-19 (B)	1920-30 (B)	1931-40 (B)	1941-50 (B)	1951-60
	✓ -	✓ -	✓ -	✓ -	✓ -