

RAINFALL AT Counter Hill Addington 7000

Lat.

Long.

County of York W.R.

Rain Gauge, by

Observer A. R. Binnie Esq. C.E.

Monthly Gauge

Diameter....							5'			
Height							1			
Altitude							951			
Year	1870	1871	1872	1873	1874	1875	1876	1877	1878	MEANS.
January							1.59	4.80	4.00	.96
February...							4.43	3.02	1.79	2.54
March.....							3.99	3.30	1.89	1.19
April							2.04	3.40	2.20	2.00
May70	2.84	4.75	1.39
June							(2.00)	1.06	2.99	3.48
July.....							3.39	4.12	1.50	3.85
August							3.14	4.88	6.41	4.80
September ..							5.36	3.34	3.12	1.40
October ...							2.56	4.92	3.99	1.23
November ..							3.91	5.26	2.81	.79
December ..							6.98	3.59	1.70	1.55
TOTALS ..							38.16	44.53	37.45	25.18

(40.09) (44.53)
Total set. Now set. for Board of Water X-1913.

1876 Observations for June imperfect

1877 Observations for March imperfect.

1878 Observations for June imperfect.

RAINFALL AT Stepton, Coulter Hill 80

Lat. _____

Lon. _____

County of Yorks

Monthly Rain Gauge, by _____

Observer A. G. Dinnie, Esq., C.E.

Quay Wharf - 10.

No. 18.

Diameter 5

Height 1.0

Altitude 951 T

Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January39	.35	2.75	3.47	5.48	1.40	3.97	1.62	.85	.97	
February	2.55	3.57	2.98	1.62	2.29	1.90	3.3	.63	.49	1.11	
March	1.90	3.67	3.55	1.15	1.95	1.95	2.76	1.12	2.63	1.87	
April	1.75	1.39	2.30	3.40	1.63	1.35	2.60	.99	2.12	1.94	
May	2.02	2.67	1.05	.75	1.20		4.10	2.55	.53	1.88	
June	3.15	2.30	4.40	2.70	4.43	2.72	1.40	.09	1.75	.97	
July	5.52	4.58	4.92	3.15	5.15	1.05	3.52	1.61	5.16	2.70	
August	1.45	3.96	2.81	1.55	1.25		1.23	1.90	2.67	5.41	
September	4.30	2.73	2.70	6.21	2.70	3.45	2.40	3.83	.83	1.78	
October	1.93	4.20	3.87	4.48	2.17	4.70	4.83	1.97	.65	5.03	
November	3.30	3.80	5.45	2.98	1.63	2.28	2.55	2.23	6.85	1.07	
December	5.07	2.91	3.41	1.85	4.15	1.85	3.83	1.78	1.83	1.75	
TOTALS	88.83	36.13	40.19	33.31	30.03		33.71	20.32	26.36	26.48	

1886 May & August gauge tampered with.

RAINFALL AT Skipton Counter Hill

Lat.

Lon.

County of YORK W.R.

Base - Wharfetown Gauge, by

Monthly

Observer

J. Webster Esq Esq
J. Watson Esq C.R.

Diameter	5										
Height	10										
Altitude	951 ft										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	2.42	1.84	1.98	.92	2.45	3.16	1.25	1.93	1.65	5.40	
February75	.10	2.47	2.97	3.85		1.24		2.68	1.10	
March	2.35	1.57	1.03	1.08	2.66	3.03	2.60	4.30	.91	1.20	
April85	1.80	1.37	.76	1.05	1.56	*		1.33	2.33	2.30
May	2.60	2.05	2.73	2.65	1.57	.24	4.47	1.21	2.30	2.97	
June	3.25	.93	4.13	2.53	3.15	2.69	3.21		2.15	1.23	
July	1.90	3.35	2.25	4.03	3.38	5.65	3.22	.69	.69	1.87	
August	6.34	5.83	4.03	2.60	3.45	2.30	1.88	5.33	3.43	1.39	
September	1.55	1.96	2.24	2.30	.52	1.49	5.10	3.56	.55	5.05	
October	1.70	4.13	5.50	3.50	4.48	3.91	2.40	1.56	3.35	2.65	
November	3.80	3.84	1.50	2.45	1.45	3.43	.60	2.66	1.90	1.42	
December75	4.63	.97	2.24		2.90	4.78	3.25	2.75	2.82	
TOTALS	28.26	32.03	30.20	28.03					24.69	29.40	

1894 Decr Gauge tampered with.

1895 Febry Gauge broken * Gauge found empty

RAINFALL AT Addingham Moor Counter Hill

Lat.

Lon.

County of

York & Central

Rain Gauge, by

Observer

James Watson Esq

Wharf - 10. M

Diameter ..	5										
Height ..	1.0										
Altitude ..	951										
Year ..	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	3.90	1.77	1.73	3.09	2.06	1.12	3.40	.87	2.06	1.18	
February ..	3.26	1.00	1.10		2.94	1.27	1.67	1.64	1.93	1.30	
March ..	.43	1.65	1.10	5.11	1.61	2.63	1.62	2.28	2.92	2.10	
April ..	1.05	1.80	1.25	1.44	2.11	1.90	1.06	1.88	2.12	2.68	
May ..	1.32	.58	2.65	2.36	3.45	.37	3.17	2.90	2.52	2.47	
June ..		.74	1.60	1.62	1.44		2.45	4.40	1.13	2.24	
July ..	3.20		2.40	4.26	1.73	.95	2.80	2.41		3.87	
August ..	4.70	2.01	2.40	3.70	3.06	3.96	2.82	2.94	2.62	3.05	
September ..	.98	1.20	1.10	4.22	.94	2.27	.60	.68	3.48	3.38	
October ..	4.10	1.87	3.30	8.09	.80	2.27	4.85	6.36	1.98	2.30	
November ..	3.47	5.35	2.29	2.23	2.79	4.03	3.49	1.95	2.40	1.12	
December ..	3.30	3.15	2.57	1.53	2.65	.45	2.00	3.30	2.08	3.56	
TOTALS ..			23.49		25.58		29.93	31.51		29.25	

1900 June Gauge broken

1901 July "

1903 Feb very exposed & liable to interference

1905 June Gauge broken

062 511 10 3327

RAINFALL at Skipton Counter Hill

No 18

County of West Yorkshire

Observer Mr J. Waterby C.E.

River Basin Ouse-Wharfe 10

L. Mitchell C.E.

Rain Gauge, by

Diameter ...	5										
Height	1 0										
Altitude ...	951 ft										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	1916-19 MEANS. Totals
January ...	3.41	.98	3.30	2.90	2.55	3.73	2.91	1.89	2.62	3.40	10.82
February ...	2.33	2.88	1.84	2.00	1.77	4.30	3.99	.62	4.13	1.48	10.22
March35	1.59	3.30	4.86	3.50	.96	2.95	2.73	1.26	3.09	10.03
April	2.49	1.16	.56	2.91	.80	1.13	1.76	1.49	.96	1.52	5.72
May	1.90	.60	2.23	2.46	1.38	1.70	2.57	2.09	2.48	1.84	8.98
June	2.90	3.30	7.34	1.63	2.61	1.15	2.91	1.61	1.56	1.16	7.24
July	3.63	.70	4.52	.69	2.69	4.34	2.28	1.33	4.35	2.58	10.34
August	4.78	2.89	6.02	1.39	2.15	3.80	2.68	8.29	3.03	1.98	15.98
September ..	.22	3.28	2.11	1.25	1.50	.75	2.02	1.51	8.36	.95	12.83
October ...	3.77	2.73	3.50	1.63	2.77	1.63	6.57	3.94	2.34	2.92	15.57
November ..	3.07	3.00	2.09	2.90	4.35	1.43	3.03	2.65	1.43	2.33	9.44
December ...	3.17	4.87	3.92	1.97	5.65	6.50	2.63	1.14	4.95	4.70	13.42
TOTALS ...	32.03	27.68	40.73	26.59	31.72	31.45	36.29	29.29	37.46	59.55	130.59

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

RAINFALL at Skipton Counter Hill Adelington Moor No. 18

County of W. R. Yorkshire Observer: P. Mitchell Esq. C.B.

River Basin Ouse-Wharfe 10

Engineer Bradford Corp. W. & I.

Snowdon

Rain Gauge, by

6, Newlands, Pag. 6, B., (1920)

Bradford

M

Diameter ...	5"									1930 MEANS	1920-30 TOTALS	
Height	10											
Altitude ...	951											
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930	
January ...	3.07	5.25	3.82	2.03	2.06	2.79	2.09	2.22	7.22	1.21	4.53	36.33
February ...	2.29	3.2	3.53	5.02	3.84	5.35	3.05	1.34	7.62	.53	.49	26.38
March	2.37	1.63	3.27	2.05	1.10	.58	.98	2.90	2.07	.16	1.75	18.86
April.....	3.73	1.18	3.32	2.47	1.55	2.77	1.93	3.26	.94	.58	1.90	23.63
May	3.27	1.44	1.01	3.11	4.71	4.09	3.12	1.33	1.59	1.42	1.94	27.03
June	2.08	1.14	1.73	.73	2.25	.06	2.61	3.43	(4.92)	1.05	2.25	21.25
July	5.95	1.82	5.01	3.57	3.97	1.99	2.59	4.07	1.53	2.86	6.33	39.69
August	1.82	4.88	5.13	4.12	4.01	5.04	4.30	6.83	5.09	1.11	3.43	45.76
September...	1.38	1.17	3.97	3.28	3.43	2.81	2.80	4.66	.82	1.09	3.59	29.00
October.....	3.25	2.23	.80	4.80	3.49	4.12	3.74	4.22	5.10	3.94	3.81	39.55
November...	1.89	2.71	1.78	3.24	1.31	2.57	5.26	3.29	4.84	4.39	3.70	34.98
December...	3.95	3.95	2.27	2.62	2.59	3.42	1.23	1.61	2.46	6.72	2.50	33.32
TOTALS...	35.05	26.72	35.64	37.09	31.31	35.59	33.70	39.16	40.24	25.06	36.22	375.78

3.5.10.22 Position of S. roughly seen from road and clearly indicated on a considerable rise of hill.

1929. Several months appear to be consistently low, August about 2 inches.

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

RAINFALL at Skipton (Counter Hill)

County of West Riding

Observer Bradford Corp. W.W.

River Basin Duse-Wharfe-10

W. Newlands Esq. C.E.

Type of Gauge Snowdon.

The Engineer, Bradford W.W.

Annual Average 30.7 in. based on 40 years obs. un-weighted. Period of average 1881-1915 Ref. 3

660554/26

Diameter	5.										
Height	1.0.										
Altitude	951.										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	1931-40 Means TOTAL
January	2.73	2.91	1.71	2.43	1.61	2.70	2.86	4.63	4.55	1.99	28.12
February	2.75	2.2	3.18	2.1	4.61	2.04	4.26	1.47	2.79	1.51	23.04
March	.52	2.12	1.82	2.17	1.51	1.90	2.47	.89	1.80	2.18	17.38
April	3.11	2.69	1.56	2.90	2.80	1.06	3.00	.55	1.42	2.45	21.54
May	2.66	3.69	2.46	(2.00)	83	1.16	2.90	4.04	1.02	1.78	22.54
June	6.91	1.88	4.31	1.88	3.16	3.64	1.76	3.31	2.29	53	29.17
July	4.36	3.88	1.93	1.61	.83	4.36	2.91	3.51	5.94	4.83	34.16
August	3.91	1.35	1.06	2.65	1.31	3.30	1.76	3.51	1.20	1.31	21.36
September	3.63	3.42	1.41	2.43	6.13	4.09	1.60	1.49	.94	3.52	28.66
October	1.68	4.98	3.34	3.17	6.16	2.88	2.02	6.68	2.00	2.76	35.67
November	5.09	2.06	2.45	1.70	4.71	3.87	1.11	4.04	5.30	5.27	35.60
December	1.25	1.20	0.76	4.75	2.70	3.11	1.90	4.66	1.96	2.68	24.96
TOTALS	38.60	29.90	25.98	(27.90)	36.36	34.11	28.55	38.78	31.21	30.81	322.20

1940. Transcribed 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.

RAINFALL at Shipton (Countryside Hill)

County of West Riding Observer The Engineer

River Basin Ouse - Wharfe - 10 Bradford W.H.

Type of Gauge Standard 98.34 (ft)

Annual Average 30.2 in. based on 36 years obs. un-weighted. Period of average 1881 - 1915 Ref. S

File No. 660554/26

Diameter	5"	062	511								
Height	1' 0"		1								
Altitude	951'		41								
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	2.60	(4.54)	2.72	5.10	(3.50)	3.84	2.80	6.38	1.68	2.08	36.24
February	3.04	1.20	2.21	1.32	4.00	3.55	2.30	2.19	1.72	4.90	26.43
March	2.94	(2.81)	1.80	1.31	1.28	1.20	1.00	1.35	1.76	1.66	20.04
April	1.62	1.16	1.98	3.40	2.85	1.18	3.11	2.27	2.57	3.01	23.15
May	1.66	2.17	2.22	1.91	3.85	2.03	4.99	8.0	1.70	1.96	23.29
June	1.10	1.91	2.79	2.65	3.15	2.09	2.96	3.23	1.71	2.50	21.09
July	2.61	3.36	1.85	3.30	2.22	3.63	2.45	1.21	2.90	3.21	26.74
August	6.80	3.50	4.50	2.67	3.33	7.41	1.19	3.40	2.45	5.25	38.50
September	1.68	2.10	4.27	5.85	2.60	6.60	2.41	2.51	1.92	4.80	32.74
October	5.08	3.11	2.24	3.23	6.06	1.09	1.07	1.90	3.85	2.10	29.79
November	2.54	1.35	2.11	5.34	1.53	5.10	4.21	2.03	5.31	4.25	32.77
December	1.29	2.33	2.15	2.60	1.99	2.75	2.75	2.81	6.69	1.80	27.52
TOTALS	29.99	(29.20)	30.84	37.74	35.36	40.47	36.24	30.08	31.26	37.12	338.30

1942 Jan. & March est'd (part)

400004

1945 Jan. part est.

50004

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	Parish Church.	Distance from gauge

RAINFALL at Skipton (Countryside Hill)

County of West Riding - Yorkshire

Observer ~~Mr~~ Engineer

River Basin. Ouse - Wharfe - 10

Bradford W.H.

Type of Gauge. Smoother Bradford

Annual Average 30.2 in. based on 40 years obs. un-weighted. Period of average 1881-1915

Ref. 5

File No. 66X54/26 E22802/58

Diameter	5"	062571									
Height	1'0"		1							10"	
Altitude	951'		51								
Year	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January	2.85	4.40	70	2.98	1.60	3.57	2.42	2.77	2.80	3.54	27.63
February	2.84	6.69	2.25	2.50	1.71	1.35	2.63	6.51	7.81	2.16	22.95
March	3.29	2.10	1.19	2.27	1.90	1.22	2.43	1.70	1.21	1.56	18.87
April	1.25	2.02	2.30	1.41	0.90	2.47	2.27	1.71	3.57	1.96	15.86
May	3.05	1.79	1.29	2.80	2.80	1.29	0.88	4.28	7.73	1.62	20.53
June	1.00	2.92	2.40	2.30	2.18	1.76	1.51	4.21	1.81	0.82	20.91
July	1.94	1.80	4.52	2.26	1.76	4.49	2.60	3.52	2.04	7.40	31.33
August	4.14	4.70	3.86	6.72	6.0	7.78	4.56	4.11	5.0	3.74	40.71
September	2.46	2.94	2.38	3.46	2.05	4.21	5.40	3.50	1.17	2.50	29.06
October	1.20	3.75	1.93	5.40	2.47	1.71	4.27	7.01	3.45	4.94	32.13
November	7.98	1.79	3.60	4.26	1.79	9.8	2.00	0.95	3.85	6.36	33.56
December	5.52	2.50	1.40	3.71	3.51	3.21	3.40	4.47	5.05	3.61	36.41
TOTALS	37.52	31.40	27.82	39.06	22.30	34.04	32.37	39.74	25.49	40.21	329.95
	M	M				M		M	M	M	

Insp. Mr. O'Kane 26.9.58 Gauge in field with small iron screen around. Field cropped from time to time, & gauge hidden in oats. Suggest new gauge NNE present position other side of boundary wall which will give protection. Alternative site would be over summit on NE slope of hill. Hatch is bottled & measured at Skipton. Site overlooked most directions. If poor leak at junction of 2 tins & funnel. Rain not corral.

1959- 1960

Rejected.

Per. avg. 33.60 in. based on 37 yrs. Obs. within 1916-57. 0/0. 3 in. low. Period of avg. 1916-50. 5

Position of Station on Ordnance One-Inch map : No. of Map 96 National Grid Reference SE(44) 050500

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