

RAINFALL AT Skipton Gables Reservoir

70

Lat.

Lon.

County of York W.R.

Rain Gauge, by

Observer A. R. Birnie Esq C.E.

Diameter....							5	.	.	.	
Height							1.	.	.	.	
Altitude							760	.	.	.	
Year	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January							1.38	4.80	3.91	.94	
February ...							3.90	2.37	1.66	2.45	
March							3.91	3.32	1.66	1.25	
April							2.27	3.49	2.08	1.76	
May66	2.54	4.21	1.04	
June							2.01	1.19	2.81	3.36	
July							* 600	4.18	1.49	4.00	
August							—	4.98	6.30	4.20	
September ..							4.31	3.41	3.18	1.34	
October ...							2.42	4.43	4.08	.86	
November ..							3.82	4.98	2.72	1.00	
December ..							7.16	3.38	1.66	1.92	
TOTALS ..							37.84	43.07	35.76	24.12	

1876 gauge out of repair from 9th July to 31st Aug.
 est^d roughly (Kingsley Water III 10)

RAINFALL AT Skipton, Cringles Reservoir

80

Lat.

Lon.

County of

Yorks

Rain Gauge, by

Observer

A.R. Binnie Esq., C.E.

Cuse - Ave - q.

No 17

Diameter	5"										
Height	1.0										
Altitude	960 T										
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January30	2.8	2.54	4.55	5.81	2.00	5.04	2.03	1.21	1.01	2.477
February	3.10	3.78	3.52	2.25	2.71	2.28	.61	.68	1.04	1.15	2.112
March	2.04	3.71	3.62	1.03	2.57	2.23	3.02	1.24	2.89	1.74	2.409
April	1.05	1.10	4.24	3.44	1.56	2.08	2.24	.90	2.03	2.44	2.108
May	1.91	2.91	1.27	.98	1.59	2.09	3.89	1.32	1.04	2.03	1.903
June	3.10	2.27	4.17	2.65	.35	2.38	1.47	.07	2.09	.75	1.930
July	5.68	4.36	5.59	3.13	5.11	1.03	3.32	1.72	4.88	3.57	3.844
August	1.45	3.07	2.55	1.68	1.17	.90	1.37	2.11	2.95	5.22	2.258
September	3.46	2.13	3.01	6.40	2.03	3.37	2.04	3.78	.83	1.29	2.848
October	1.70	4.96	4.01	4.74	1.43	5.02	5.16	2.03	.91	4.71	3.467
November	3.52	4.05	5.19	3.24	1.49	2.79	2.34	2.26	7.00	1.09	3.297
December	4.80	3.12	3.23	1.79	3.95	1.21	4.67	1.96	2.35	1.90	2.898
TOTALS	32.11	35.74	43.05	35.88	29.82	27.52	36.17	20.10	29.22	26.90	31.551

RAINFALL AT Skipton Lingle's Reservoir

Lat.

Lon.

County of

York W.R.

Rain Gauge, by

Observer

Webster Esq. Ch

J. Watson Esq. Ch.

Base - Area 9

Diameter	5										
Height	10										
Altitude	760 ft										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	3.24	2.04	2.01	1.10	3.55	3.01	.91	1.83	2.40	5.59	2.568
February76	.11	2.48	3.81	5.61	.30	1.13	1.93	2.75	1.67	2.055
March	2.48	1.43	.90	.78	3.13	3.16	3.53	4.47	1.20	1.52	2.260
April96	1.97	1.22	.78	2.18	1.87	1.72	1.83	2.73	2.74	1.995
May	2.48	2.28	2.85	2.34	1.33	.23	.51	1.18	2.46	2.90	1.856
June	3.05	1.15	4.28	2.47	2.52	2.73	3.02	3.27	2.21	2.03	2.673
July	2.64	3.22	1.73	3.58	3.57	5.67	2.11	.94	.81	2.62	2.689
August	6.49	5.60	4.09	3.14	3.38	3.34	1.57	5.20	3.65	1.70	2.816
September....	1.86	2.38	2.12	2.38	.40	1.89	5.43	4.01	.69	4.85	2.601
October.....	1.55	4.08	6.50	3.40	4.08	3.51	3.74	1.63	4.67	2.47	2.568
November....	4.10	3.71	1.84	2.22	1.67	4.67	.97	3.18	2.75	1.62	2.673
December....	1.04	6.34	.69	3.25	2.95	3.30	4.38	3.83	3.66	3.39	2.982
TOTALS ...	30.65	34.31	30.71	29.25	34.32	33.68	29.02	33.30	29.98	33.10	31.821

1880

RAINFALL AT Skipton Crayke's Reservoir Site of
 Lat. Lon. County of York W.R. Central
 Rain Gauge, by Observer J. Watson Esq. C.E.

One Acre 9

Diameter ..	5										
Height ..	1 0										
Altitude ..	760 T										
Year ..	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	4.13	1.98	1.84	2.85	2.31	.98	14.12	1.15	2.21	1.50	2.307
February ..	3.67	1.04	1.12	3.53	2.82	1.64	2.12	1.84	2.26	1.54	2.158
March ..	.65	2.47	2.21	4.90	1.22	2.44	2.07	2.87	3.29	2.29	2.1441
April ..	1.02	2.51	1.17	1.41	1.47	1.95	1.23	1.85	1.98	2.74	1.733
May ..	1.44	.79	2.35	2.42	2.84	.42	2.95	3.00	2.30	2.17	2.068
June ..	3.61	1.11	1.47	1.52	1.34	1.83	1.99	4.49	.98	2.28	2.062
July ..	3.29	1.27	2.48	4.19	1.99	1.17	2.24	2.60	3.84	3.60	2.667
August ..	4.47	1.91	1.81	3.56	2.84	3.84	3.32	2.42	2.62	2.37	2.916
September ..	1.07	1.58	1.31	4.63	.81	2.14	.65	.71	3.17	3.00	1.907
October ..	4.50	2.08	3.46	8.61	.89	2.60	4.98	5.28	1.95	2.42	3.67
November ..	3.93	4.78	2.50	2.20	2.44	4.05	3.60	1.97	2.21	1.24	2.892
December ..	3.08	3.36	2.73	1.55	2.16	.61	2.46	3.56	2.44	4.37	2.632
TOTALS ..	34.86	24.88	24.45	41.37	23.13	23.67	31.73	31.74	29.25	29.52	29.460

Hud

10

No. 17

RAINFALL at Skipton Cringle Reservoir

County of W. Yorkshire

Observer Mr J. Watson Esq. C.B.

River Basin Ouse-Aire 9

L. Mitchell by C.R.

Rain Gauge, by

Diameter ...	5											
Height	1.0											
Altitude ...	760 T											
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.	
January ...	4.06	1.26	4.54	3.26	2.65	4.40	2.77	2.05	2.83	5.96		
February ...	3.39	3.75	2.13	1.48	2.21	4.26	4.25	.67	4.92	1.68		
March36	1.29	3.87	5.20	4.03	1.00	3.16	2.62	1.37	3.89		
April	2.46	1.24	.54	2.80	.50	1.26	1.75	1.78	1.02	1.42		
May	1.80	1.04	1.93	2.36	1.28	1.64	2.41	1.86	2.18	1.75		
June	2.41	3.10	6.98	1.69	1.85	1.13	2.56	1.56	1.06	.81		
July	2.60	.44	4.41	.73	2.58	4.13	2.27	1.21	4.24	1.89		
August	4.96	1.97	5.80	1.21	1.95	3.74	2.48	6.97	2.88	2.36		
September ..	.10	2.75	1.78	1.33	1.95	.88	1.93	1.79	8.23	1.10		
October ...	3.04	3.81	1.79	2.63	1.62	1.61	4.93	2.48	2.13			
November ...	(1100)	3.94	2.63	3.17	5.07	1.60	3.31	3.01	1.67	2.57		
December ...		5.56	4.67	2.03	6.90	6.38	2.75	1.29	5.78	4.54		
TOTALS ...	33.16	29.37	43.09	27.05	33.90	31.99	37.25	29.74	38.66	27.88		

5th-Dec. roughly est'd (Highly Water III-12)

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

RAINFALL at Sleden Cringle Reservoir Site N. 17

County of N. R. Yorkshire

Observer L. Mitchell Esq. C.E.

River Basin Gause-Aire g

Eng: Bradford

Snowdrift

Bradford Rain Gauge, by
498' surrounded by iron fence
502 } 160' 3' high 6m away.
500 }

W. Newlands, Eq. & P. (1921)

Diameter ...	5"										
Height	10										
Altitude ...	760					715					
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 AVERAGE
January ...	3.34	5.47	4.01	1.97	2.73	3.60	3.73	2.72	7.10	2.03	5.62
February ...	2.64	2.9	3.57	5.61	1.12	5.72	3.27	1.55	4.74	1.69	.81
March	2.51	1.78	2.48	2.14	1.31	1.98	1.23	3.35	2.68	1.33	2.39
April.....	3.89	1.08	3.31	2.93	1.70	3.06	2.10	3.02	1.11	1.22	2.90
May	3.69	1.57	1.05	3.37	5.86	4.54	3.25	1.37	1.61	1.85	1.64
June	2.00	2.0	1.61	1.83	2.69	1.04	2.52	3.07	5.17	1.94	1.75
July	5.78	1.64	5.03	3.24	4.18	1.92	2.53	3.90	1.25	2.64	6.58
August	1.84	4.70	5.12	4.24	4.39	5.26	4.38	7.52	5.01	3.20	3.97
September...	1.33	1.28	3.95	3.55	4.22	2.78	2.50	4.78	.65	1.03	3.97
October.....	3.13	2.58	.76	5.12	3.65	4.55	4.48	4.08	5.38	4.01	4.03
November...	1.95	2.70	1.55	4.24	2.43	2.41	6.18	3.87	5.32	5.48	4.37
December...	3.45	3.88	2.71	3.36	4.27	4.42	1.20	2.66	2.18	8.43	3.09
TOTALS...	35.63	27.15	35.15	(40.70)	38.55	39.58	37.37	41.89	41.80	31.86	41.12

G. inspected 9/3. S. 10.22 in open field sloping down to W. G. had been moved here by grass. Suggested moving to NW to other side of wall in slight hollow to good position.

G. moved April 1923 120' 90' SE.
1925. Gauge moved 1st Oct. 400ft. W.

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

RAINFALL at Silsden (Cringles Res. Site)

County of West Riding

Observer Bradford Corp. W.W.

River Basin Ouse-Aire-9

W. Newlands Esq. C.E.

Type of Gauge Snowdon

The Engineer, Bradford W.W.

Annual Average 31.3 in. based on 35 years obs. un-weighted. Period of average 1881-1915 Ref. 5

660554/26

Diameter	5.											
Height	1.0.											
Altitude	715.											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	
January	3.22	3.02	2.09	3.12	1.26	3.97	3.80	4.37	4.77	(1.95)		
February	3.51	3.32	3.04	1.18	5.04	2.33	5.20	1.33	2.56	2.15		
March	1.42	2.35	1.42	3.00	1.15	2.10	2.71	.51	1.61	1.56		
April	3.04	3.10	1.35	2.90	3.23	1.33	2.84	.19	1.44	1.86		
May	2.37	3.41	2.45	2.12	1.98	1.32	2.87	4.32	0.92	1.33		
June	6.73	1.49	3.46	1.89	3.14	3.28	2.20	3.36	1.65	.19		
July	4.36	3.81	1.96	1.63	.72	2.16	2.95	3.58	5.06	3.56		
August	3.84	1.45	0.60	(2.00)	1.42	3.36	1.70	3.71	1.06	.50		
September	3.47	1.03	1.56	2.24	6.54	3.40	1.25	1.53	0.75	1.38		
October	1.61	5.26	3.41	3.34	6.23	3.05	2.09	6.21	2.18	1.80		
November	5.32	2.36	2.51	1.58	5.68	3.76	1.62	4.40	5.66	3.63		
December	1.27	1.47	0.51	5.12	3.09	3.35	2.15	4.23	1.78	2.04		
TOTALS	39.16	32.07	24.36	(29.12)	39.48	35.41	31.38	37.74	21.42	21.95		n.p.

1940. Jan. corrected for snow. n plow.

There was a leak in gauge & this was repaired Jan. 1940.

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	Direction

Station No. TF 3303

RAINFALL at Silodam (Cramlington Res. Site)

41

County of West Riding Observer The Engineer, Bradford WW
 River Basin Ouse - above 59
 Type of Gauge Snow? Rain?

Annual Average 31.3 in. based on 35 years obs. unweighted. Period of average 1881-1915. Ref. S.

File No. 160554/24

Diameter	5"	074	727								
Height	1' 0"		1								
Altitude	715'		41								
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	2.31	(4.60)	4.45	4.56	3.50	3.50	3.37	7.76	1.98	2.65	
February	3.40	1.15	2.25	1.41	4.00	3.75	3.60	1.90	2.25	5.72	
March	2.85	(2.92)	1.00	.32	1.05	1.17	7.75	1.62	1.25	1.60	
April	1.86	.91	1.91	3.55	2.50	1.20	3.58	2.41	2.95	2.78	
May	1.39	2.41	2.79	2.20	4.46	1.95	4.95	.75	1.97	2.10	
June	.10	1.23	2.94	2.21	3.40	1.95	2.75	3.38	.61	2.15	
July	2.47	2.96	2.14	3.30	2.00	3.05	2.04	1.23	2.95	3.13	
August	3.44	2.88	3.95	2.30	3.60	6.62	30	3.27	2.34	6.00	
September	.56	2.10	4.40	6.33	2.55	5.75	2.68	2.40	.85	5.16	
October	4.16	3.60	2.52	4.15	5.60	1.13	1.25	1.75	4.06	2.85	
November	2.53	1.37	2.20	6.75	.46	5.10	4.33	1.57	5.30	4.00	
December	1.38	3.18	1.90	3.23	1.98	2.88	3.25	2.86	6.30	1.88	
TOTALS	26.49	(29.31)	32.45	40.31	35.10	38.05	39.85	30.90	32.81	37.97	
n.p.	M	M	M	M	M	M	M	M	M	M	

1941 n.p. low. 1942 Jan & Mar. estd for snow.

1942 new gauge 5/9/42. Catch improved.

50004

2051.27

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. 3303

T.F. 48

51

RAINFALL at Gilsdale (Lerengles Res. Site)

County of West Riding-Yorks. Observer Mr. Longmore

River Basin. Ouse - Dri - 9 Bradford W.W.

Type of Gauge Bradford

Annual Average 31.3 in. based on 35 years obs. un-weighted. Period of average 1881-1915 Ref. S
 " " 34.35 " 14 " within 1943-57 " 1916-50 File No. 660442/26 U 22502/58

Diameter	5"	074	727								
Height	10'			1				11"			
Altitude	715'			51							
Year	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January	2.92	4.42	.72	2.90	1.72	4.42	2.68	2.55	3.05	4.05	
February	3.30	4.80	2.26	2.53	1.70	1.40	2.42	6.31	3.30	2.30	
March	3.52	1.85	1.30	2.33	2.25	1.55	2.21	1.72	1.15	1.75	
April	1.85	1.70	2.40	.52	.88	2.76	.30	.84	2.80	1.85	
May	3.47	2.03	1.60	2.91	2.83	1.20	1.12	4.53	.95	1.65	
June	1.20	2.46	2.45	2.19	2.10	1.88	1.79	4.68	1.90	0.90	
July	1.82	1.56	3.94	2.50	.70	4.80	(2.97)	3.31	2.15	6.55	
August	4.05	3.80	3.77	3.30	.91	7.90	(5.80)	3.89	.55	3.30	
September	2.40	3.00	3.11	3.62	1.91	4.20	6.34	3.65	.20	3.00	
October	1.15	3.80	2.28	6.20	2.54	1.52	3.52	3.00	3.70	5.10	
November	7.32	1.59	4.08	5.45	2.00	.67	1.70	1.05	4.05	6.10	
December	4.85	2.54	1.71	4.37	4.38	3.44	3.78	4.65	6.35	4.05	
TOTALS	37.85	29.55	29.62	42.86	23.92	35.74	34.63	40.18	27.15	40.60	
	M	M	M	M	M	M	M	M	M	M	

Insp. Mr. O'Hanrahan 26.9.58: 17' iron fence enclosure 3'x6'x6' in Field. Gauge in concrete. f. Fair. Tree 22' 50' N.E.

Satisfactory exposure.

00604

Position of Station on Ordnance One-Inch map :

No. of Map 96

National Grid Reference SE(44) 0426.91

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

Summary of Earlier Records from 10-year Sheets :

Record D. or d		1910-19 (2)	1920-30 (2)	1931-40 (3)	1941-50 (2)	1951-60
		✓ np 10	✓	✓ np 40.	✓ np 41	
(62)	WT. 13072—389 10M 6/50 T.S. 841					