

RAINFALL AT Skipton Silsden Reservoir.

Lat.

Long.

County of York N. R.

Rain Gauge, by

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

16

Diameter . . .										
Height . . .						5				
Altitude . . .						1				
Year . . .	1870	1871	1872	1873	1874	1875	1876	1877	1878	MEANS.
January . . .							130	451	379	94
February . . .							3.93	2.39	1.57	2.42
March . . .							3.53	3.28	1.88	1.19
April . . .							2.10	3.31	2.03	1.66
May . . .							58	2.31	4.03	1.01
June . . .							1.86	1.24	2.83	3.42
July . . .							2.93	3.90	1.37	3.91
August . . .							2.91	4.69	6.11	3.88
September . . .							3.96	3.17	3.05	1.29
October . . .							2.30	4.27	4.11	.84
November . . .							3.72	4.83	2.34	.77
December . . .							7.00	3.30	1.63	1.99
TOTALS . . .						(33.00)	36.12	41.20	34.74	23.32

*

roughly estd. for working average 7.12

RAINFALL AT Skipton, Silsden Reservoir**80**

Lat. _____

Lon. _____

County of York

Rain Gauge, by _____

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

Base. Aire - 9.

No. 16

Diameter	5										
Height	1.0										
Altitude	560 ft										
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January30	.28	3.09	4.70	5.91	1.89	4.95	1.80	1.14	1.02	2.508
February	3.08	3.74	3.35	2.32	3.06	2.13	.55	.64	.90	1.23	2.101
March	1.97	3.52	3.60	1.01	2.53	2.05	2.95	1.19	2.73	1.52	2.309
April	1.03	1.01	3.80	3.07	1.49	1.92	2.26	.84	1.84	2.38	1.964
May	1.88	2.83	1.25	.93	1.56	2.01	3.99	1.19	.97	1.88	1.847
June	2.93	2.18	3.07	2.46	.33	2.25	1.35	.06	1.96	.81	1.830
July	5.57	4.24	5.01	2.54	4.90	1.15	3.09	1.69	4.19	3.44	3.672
August	1.40	3.03	2.30	1.57	1.03	.90	1.39	1.96	2.98	4.64	2.120
September	3.41	2.09	2.83	6.02	2.03	3.29	1.96	3.67	.83	1.14	2.727
October	1.58	4.67	3.84	4.49	1.32	5.19	4.60	1.92	.77	4.43	3.281
November	3.50	4.33	5.57	3.27	1.49	2.67	2.29	2.34	6.65	.94	3.285
December	4.67	3.18	3.15	1.84	3.98	1.11	4.52	1.80	2.17	1.68	2.810
TOTALS	81.82	85.10	42.45	34.22	29.65	26.58	33.90	19.10	27.13	25.11	30.454

RAINFALL AT Skipton Siloden Reservoir

Lat.

Lon.

County of

York W.R.

Rain Gauge, by

Observer

J. Webster Esq. C.E.

J. Watson Esq. C.E.

June - Ave 9

Diameter	5										
Height	10										
Altitude	560 ft										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	3.24	1.91	1.88	1.03	3.60	2.76	.94	1.85	2.11	5.37	2.469
February69	.06	2.37	3.69	5.71	.20	1.15	1.94	2.41	1.71	1.992
March	2.39	1.34	.91	.76	3.04	3.17	3.40	4.34	.90	1.50	2.175
April77	1.90	1.23	.87	2.05	1.92	1.69	1.90	2.45	2.32	1.710
May	2.36	2.22	2.61	2.22	1.19	.35	.56	1.10	2.19	2.72	1.752
June	3.05	1.17	4.12	2.29	2.53	2.49	3.60	3.15	2.12	1.69	2.621
July	2.26	3.24	1.89	3.07	3.08	5.40	1.73	1.22	.67	2.54	2.510
August	6.03	5.59	3.86	2.88	3.26	3.41	1.46	5.03	3.38	1.41	2.621
September	1.73	2.43	2.05	2.21	.36	1.93	4.88	3.95	.60	4.50	2.464
October	1.34	3.98	6.52	3.06	3.73	3.27	3.26	1.66	4.47	2.26	3.258
November	3.95	3.51	1.74	2.19	1.77	4.34	1.04	3.06	2.87	1.58	2.605
December	1.08	6.20	.65	3.43	2.70	3.18	4.22	3.69	3.55	3.07	2.177
TOTALS	28.89	33.55	29.83	27.70	33.02	32.42	27.93	32.89	27.72	30.67	20.462

1889

RAINFALL AT Skipton Silsden Reservoir

Lat.

Lon.

County of York W.R. Central

Rain Gauge, by

Observer J. Watson Esq. Cl.

Area - Acre 9

Diameter ..	5										
Height ..	10										
Altitude ..	560 ft										
Year ..	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	3.98	1.61	1.57	2.26	1.97	.76	3.98	1.09	2.20	1.45	2087
February ..	3.47	.79	1.09	2.80	2.43	1.39	2.04	1.76	2.24	1.45	1946
March ..	.43	2.33	1.86	4.21	.96	2.08	2.00	2.85	3.29	2.33	2234
April ..	.98	2.29	.82	1.14	1.17	1.60	1.13	1.78	1.96	2.73	1560
May ..	1.35	.74	1.93	2.12	2.38	.38	2.75	3.23	2.42	2.05	1935
June ..	3.38	.92	1.25	1.22	1.20	1.99	1.82	4.54	1.09	2.31	1972
July ..	2.67	1.15	2.03	3.50	1.51	1.15	2.03	2.56	3.61	3.34	2355
August ..	3.76	1.79	1.51	3.43	2.21	3.85	3.36	2.33	2.55	2.48	2727
September ..	.83	1.37	1.30	4.23	.51	1.92	.61	.69	3.28	2.81	1755
October ..	4.17	1.64	3.05	7.81	.83	2.48	4.70	4.96	1.72	2.60	3396
November ..	3.48	3.22	2.19	1.70	1.99	3.73	3.44	1.83	2.32	1.21	2511
December ..	2.72	2.96	2.26	1.37	1.76	.69	2.45	3.65	2.40	4.25	2451
TOTALS ..	31.22	20.81	20.86	35.79	18.92	22.02	30.31	31.27	29.08	29.01	26020 3.02

1904 Not Published Bad See Bradford Table

HWB

RAINFALL at Silsden Reservoir No 16

County of W.R. Yorkshire

Observer late J. Watson Esq. C.E.

River Basin Dear - Aire 9

L. Mitchell Esq. C.E.

Rain Gauge, by _____

Diameter ...	5									
Height	1.0									
Altitude ...	560 ft									
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	MEANS.
January ...	4.10	1.23	4.34	3.36	2.44	4.38	2.77	1.81	2.62	3.41
February ...	3.53	3.77	2.11	1.53	2.36	4.26	4.12	.66	4.92	1.59
March42	1.27	3.94	5.27	3.99	.87	2.92	2.64	1.22	4.16
April	2.45	1.14	.55	2.83	.92	1.29	1.62	1.65	.96	1.41
May	2.02	.92	1.61	2.30	1.15	1.47	2.25	1.76	2.20	1.70
June	2.40	3.21	6.38	1.65	1.83	.97	2.20	1.55	.98	.94
July	2.59	.57	4.40	.72	2.64	3.95	2.17	1.19	4.03	1.70
August	4.94	2.17	5.31	1.02	1.73	3.64	2.16	6.06	2.55	2.31
September ..	.09	2.78	1.70	1.36	1.81	.67	1.68	1.81	7.90	1.08
October ...	3.47	3.07	3.65	1.74	2.20	1.49	7.54	5.00	2.62	1.75
November ...	3.25	3.82	2.41	2.94	4.92	1.55	3.05	2.91	1.71	2.29
December ...	3.84	5.66	4.64	2.13	7.04	6.10	2.52	1.11	5.96	4.57
TOTALS ...	33.10	29.61	41.04	26.85	33.03	30.64	35.00	28.15	37.67	26.89

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

RAINFALL at Sleden Reservoir No. 16

County of W. R. Yorkshire

Observer: S. Mitchell Esq. B.E.

River Basin: Aire &

Snowdon

Bradford Rain Gauge, by

Envir. Bradford

6. Newlands, Reg. b. 8., (1930)

Bolehill, Grass cover (ft.)

50 only.

5.01
4.99
5.00}

Diameter ...	5"											
Height	1 0 1 4	1 0										
Altitude ...	560											
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930	
January ...	3.42	5.41	3.68	2.11	2.63	3.65	3.43	2.70	7.26	1.98	5.44	
February ...	2.59	17	3.25	5.67	1.05	5.57	3.18	1.49	4.72	.60	1.15	
March	2.46	2.02	2.53	1.83	1.05	1.03	1.46	3.29	2.49	.35	2.71	
April	3.71	94	2.80	2.63	1.51	3.02	1.98	3.05	1.21	1.22	3.25	
May	3.68	1.46	.93	3.43	5.49	4.33	3.21	1.30	1.76	2.10	1.75	
June	1.61	30	1.64	.83	2.64	.04	2.72	3.27	5.21	1.19	1.80	
July	5.11	1.81	4.27	3.10	3.61	1.73	2.53	4.02	1.32	2.74	6.38	
August	1.69	4.71	4.49	4.00	4.17	4.64	4.12	7.40	4.58	3.16	3.97	
September...	1.31	1.24	3.44	3.81	3.85	2.60	2.66	4.78	.64	1.12	3.39	
October.....	2.57	2.23	.65	5.36	3.48	4.12	4.79	3.93	5.09	4.52	4.16	
November...	2.06	2.24	1.66	4.65	2.30	2.68	5.82	4.04	5.59	5.62	4.46	
December...	3.10	4.02	2.67	3.15	4.49	4.68	1.39	2.67	2.45	8.38	2.95	
TOTALS...	33.31	26.55	32.01	(40.57)	36.27	38.09	37.22	41.94	42.32	32.98	41.41	

Inspected 28.5.10.22 & at edge of reservoir on small mound projecting into reservoir. Suggested moving to the east to more sheltered position on flat field by reservoir.

Some moved April 1922 2.70 yds. W. SW.

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

RAINFALL at Silsden Reservoir

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 31.2 in. based on 49 years obs. un-weighted. Period of average 1881-1915 Ref. S

660554/26

Diameter	5.										Mean-
Height	1.0.										Total
Altitude	560.										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	
January	3.25	3.61	2.86	3.10	1.47	4.27	4.21	4.66	6.01	(2.17)	35.31
February	3.78	3.87	4.16	2.23	5.16	2.67	6.86	1.72	5.05	1.74	29.24
March	4.45	2.54	2.02	2.99	1.36	2.26	3.22	1.71	2.40	2.22	20.17
April	3.40	3.41	1.28	2.69	3.23	1.58	3.20	1.46	1.95	3.20	24.40
May	2.62	3.66	2.50	2.14	1.19	1.68	2.84	4.39	1.22	1.84	24.08
June	6.35	1.66	2.85	1.81	3.17	3.58	2.14	4.11	2.42	.53	28.52
July	4.30	3.86	2.08	1.33	.85	4.22	3.02	3.67	6.82	4.26	33.81
August	3.67	1.51	0.44	2.41	1.22	2.91	1.60	4.06	1.56	1.41	20.79
September	4.31	3.72	1.83	2.34	6.13	3.31	1.57	1.75	1.05	2.82	28.53
October	1.68	5.18	3.69	3.49	6.81	3.21	2.18	7.06	1.93	3.62	39.85
November	5.75	2.76	2.48	1.78	6.58	3.78	1.74	4.62	6.22	5.21	40.92
December	1.66	1.59	0.62	5.38	3.21	3.90	2.26	4.71	2.49	2.80	28.52
TOTALS	41.22	33.77	25.81	29.69	40.38	37.67	34.34	41.92	37.52	31.82	354.14
	D	D	D	D	D	D	D	D	D	D	D

1940. Jan. corrected 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

Station No. T.F. 3392

RAINFALL at

Sladeham, Beccles, Suffolk

41

County of West Riding Observer The Engineer

River Basin Ouse -shire Bradford W.W.

Type of Gauge Smawthorn

Annual Average 31.2 in. based on 12 years obs. un-weighted. Period of average 1881-1915 Ref. S.

File No. 160554/24

Diameter	5"	074	739								
Height	1' 0"	5	1								
Altitude	560'		41								
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	2.49	(4.84)	4.55	5.12	3.29	3.80	3.05	7.14	2.21	2.40	39.77
February	3.83	1.34	2.57	1.60	4.18	4.38	2.36	2.11	2.47	2.64	30.48
March	3.36	3.16	1.11	4.3	9.5	1.35	7.88	1.69	1.01	1.65	22.59
April	3.24	1.22	1.98	3.22	2.50	1.12	3.91	2.55	3.06	2.91	25.71
May	1.86	2.73	2.70	1.99	5.19	1.72	4.54	.94	2.08	2.30	26.05
June	.16	1.41	3.11	2.54	3.54	1.78	3.16	3.41	.47	1.85	21.43
July	2.88	3.26	1.91	3.25	2.13	3.27	2.20	1.19	3.00	2.78	25.87
August	4.89	3.12	4.06	2.23	3.45	6.98	.39	3.50	2.10	4.72	35.50
September	.40	2.23	4.47	6.17	2.39	5.74	2.68	2.48	.86	4.99	32.71
October	5.41	3.98	2.48	3.72	5.71	1.01	1.43	1.62	4.01	2.00	31.37
November	2.46	1.21	2.48	6.80	.35	5.00	4.47	1.67	5.01	3.89	33.64
December	1.70	3.19	2.30	3.55	2.07	3.01	3.69	3.04	6.42	1.97	30.94
TOTALS	33.56	31.63	33.72	40.68	35.75	39.16	39.76	31.94	32.70	37.10	356.06

* Average of 31.2 in. & 35.6 in. printed in B.R. (see IIIA 9 Feb) - Gives good results. 1942 Jan. part added from 1941.

40004

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

Station No. 3302

TH 1160

51

RAINFALL at Gilsden Reservoir

County of West Riding Yorks

Observer

River Basin. Ouse-Aire 9

~~Engineer~~

Bradford W.W.

Type of Gauge. Standard

Annual Average 31.2 in. based on 49 years obs. un-weighted. Period of average 1881-1915 Ref. 5
 " 35.32 " " 40 " within 1916-57 " " 1916-50 " S
 File No. 660284/26.592802/3

Diameter	5"	074	739									
Height	1' 0"			1								
Altitude	560'			51								
Year	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means	Total
January	3.12	4.10	.69	3.21	1.97	4.34	2.71	2.85	2.70	3.90	29.59	
February	3.25	.85	2.28	2.48	1.96	1.54	2.40	5.73	.23	2.26	22.98	
March	3.73	1.69	1.30	1.90	2.32	1.33	2.18	1.61	1.10	1.66	18.82	
April	1.90	1.64	2.41	.45	.84	3.19	.32	.88	2.56	1.04	15.83	
May	3.35	2.10	1.55	3.07	3.03	1.17	1.08	4.23	.92	1.58	22.08	
June	1.35	2.23	2.58	1.82	1.93	2.25	1.89	4.38	2.00	2.78	21.21	
July	1.96	1.47	3.70	2.76	.75	4.11	2.55	3.32	1.94	5.65	28.21	
August	3.98	4.12	3.79	1.74	1.05	7.07	6.15	3.56	.58	4.05	42.09	
September	1.96	3.36	3.21	3.78	1.71	4.10	5.62	3.29	.18	2.87	30.08	
October	1.11	4.03	2.25	5.89	2.55	1.36	3.76	2.89	3.63	4.28	31.75	
November	7.90	1.64	3.60	5.67	1.82	.72	1.88	.90	4.11	6.32	34.56	
December	5.16	2.76	1.64	4.70	4.62	3.62	3.55	4.38	6.43	4.07	40.93	
TOTALS	38.77	29.99	29.00	43.14	24.55	34.80	34.09	38.02	26.28	39.06	338.13	
	D	D	D	D	D	D	D	D	D	D		

Insp Mr. O'Kane 26.9.58. On grass bankside overflows. A low exposed site available SE side of reservoir.
 Site overexposed, SSW-S-ESE. Hawthorn 30,50 NW. Very poor position a better site available on SE side of res. and will be over-exposed WNW-NW.

Position of Station on Ordnance One-Inch map : No. of Map 96 National Grid Reference SE (44) 046476

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	1920-30	1931-40	1941-50	1951-60
	✓	✓	✓	✓	✓