

70 RAINFALL AT *Skipton Silsden Reservoir,*

Lat.

Lon.

County of *York W. R.*

Rain Gauge, by

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

16

Diameter....											
Height							5				
Altitude							1				
							560				
Year	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January						#	130	451	379	94	
February....							393	239	157	242	
March.....							353	328	188	119	
April							210	331	203	166	
May							58	231	403	101	
June							186	124	283	342	
July.....							293	390	137	391	
August							291	469	611	388	
September ..							396	317	305	129	
October							230	427	411	84	
November ..							372	483	234	77	
December ..							700	330	163	199	
TOTALS ..						(3300)	3612	4120	3474	2332	

*

multiply by 10 for working average Y. 12

RAINFALL AT Skipton, Silsden Reservoir 80

Lat. _____

Lon. _____

 County of York

Rain Gauge, by _____

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

 Obs. Air - 9.

 No. 16

Diameter	5										
Height	1.0										
Altitude	560 ft										
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January	30	28	3.09	4.70	5.91	1.89	4.95	1.80	1.14	1.02	2.508
February	3.08	3.74	3.36	2.32	3.06	2.13	5.5	.64	.90	1.23	2.101
March	1.97	3.52	3.60	1.01	2.55	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	1.23	.93	1.56	2.01	3.99	1.19	.97	1.88	1.847
June	2.93	2.18	3.97	2.46	.33	2.25	1.35	.06	1.96	.81	1.830
July	5.57	4.24	5.91	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	5.37	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	26.38	33.90	19.10	27.13	25.11	30.4514

RAINFALL AT Skipton Silsden Reservoir

Lat. _____

Lon. _____

County of York W.R.

Rain Gauge, by _____

Observer

J. Webster Esq. C.E.
J. Watson Esq. C.E.

Cause - Air 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	
February ....	.69	.06	2.37	3.69	5.71	.20	1.15	1.94	2.41	1.71	1.993	
March	2.39	1.34	.91	.76	3.04	3.17	3.40	4.34	.90	1.50	2.145	
April .....	.77	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	3.621	
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	3.855	
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	3.177	
TOTALS ...	28.89	33.55	29.83	27.70	33.02	32.42	27.93	32.89	27.72	30.67	30.462	

1889

RAINFALL AT Skipton Siladen Reservoir

Lat.

Lon.

County of York W.R. Central

Rain Gauge, by

Observer, J. Watson Esq. CLRise - Rise 9

Diameter ..	5										
Height	1 0										
Altitude ..	560 π										
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	2.087
February ..	3.47	.79	1.09	2.80	2.43	1.39	2.04	1.76	2.24	1.45	1.946
March ....	.43	2.33	1.86	4.21	.96	2.08	2.00	2.85	3.29	2.33	2.234
April .....	.98	2.29	.82	1.14	1.17	1.60	1.13	1.78	1.96	2.73	1.560
May	1.35	.74	1.93	2.12	2.38	.38	2.75	3.23	2.42	2.05	1.935
June	3.38	.92	1.25	1.22	1.20	1.99	1.82	4.54	1.09	2.31	1.972
July	2.67	1.15	2.03	3.50	1.51	1.15	2.03	2.56	3.61	3.34	2.355
August	3.76	1.79	1.51	3.43	2.21	3.85	3.36	2.33	2.55	2.48	2.727
September ..	.83	1.37	1.30	4.23	.51	1.92	.61	.69	3.28	2.81	1.755
October	4.17	1.64	3.05	7.81	.83	2.48	4.70	4.96	1.72	2.60	3.396
November ..	3.48	3.22	2.19	1.70	1.99	3.73	3.44	1.83	2.32	1.21	2.511
December ..	2.72	2.96	2.26	1.37	1.76	.69	2.45	3.65	2.40	4.25	2.451
TOTALS ..	31.22	20.81	20.86	35.79	18.92	22.02	30.31	31.27	29.08	29.01	26.920

1904 Not published here See Bradford Table

H.W.S.

RAINFALL at

Silsden Reservoir

No 16

County of W. Yorkshires

Observer

Late J. Watson Esq. C.E.

River Basin

Ouse - Aire 9

L. Mitchell Esq. LL

Rain Gauge, by

Diameter ...	5										
Height	1.0										
Altitude ...	560 ft										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	4.10	1.23	4.34	3.36	2.44	4.38	2.77	1.81	2.62	3.91	
February ...	3.53	3.77	2.11	1.53	2.36	4.26	4.12	.66	4.92	1.89	
March .....	.42	1.27	3.94	5.27	3.99	.87	2.92	2.64	1.22	4.10	
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	.74	
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	2.27	
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	26.19	

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

RAINFALL at Silsden Reservoir Nº 16County of W. YorksObserver L. Mitchell Esq. B.E.River Basin Cuse AireTwp. BradfordBradford

Rain Gauge, by

W. Newlands, Esq. B.E., (1930)Broken glass correct (flat) 5.01
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	Mean
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	1.7	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	9.4	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	.80	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	1.43	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	37.27	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.

Gauge moved April 1922 to 7th W.S.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	Parish Church.	Distance from gauge	Direction

RAINFALL at Silsden ReservoirCounty of West RidingObserver Bradford Corpn. W.W.River Basin Ouse - Aire - 9.W. Newlands Esq. C.E.Type of Gauge SnowdonThe Engineer, Bradford W.W.Annual Average 31.2 in. based on 49 years obs. un-weighted. Period of average 1881-1915 Ref. S60554/26

Diameter	5.										
Height	1.0.										
Altitude	560.										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means Totals
January	3.25	3.61	2.36	3.10	1.47	4.27	4.21	4.66	6.01	(2.17)	35.31
February	3.78	.37	4.16	.23	5.16	2.67	6.36	1.72	3.05	1.74	29.24
March	.45	2.54	2.02	2.99	1.36	2.26	3.22	.71	2.40	2.22	20.17
April	3.40	3.41	1.28	2.69	3.23	1.58	3.20	.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	1.56	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	6.22	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	1.53	2.34	6.13	3.31	1.57	1.75	1.05	2.82	28.53
October	1.63	5.18	3.59	3.49	6.81	3.31	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	6.21	5.21	40.92
December	1.66	1.59	0.52	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	

1940. Jan. corrected for snow.

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

Station No. T.F. 3302

RAINFALL at Silchester Beacon

41

County of West Riding Observer The EngineerRiver Basin Once a Week Bradford W.W.Type of Gauge SnowdonAnnual Average 31.2 in. based on 12 years obs. un-weighted. Period of average 1881-1915 Ref. SFile No. 660554/24

Diameter	5"		074	739							
Height	1' 0"		1	1							
Altitude	560'		01								
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means Total
January	2.77	(4.84)	4.55	5.12	3.29	3.80	3.05	7.74	2.21	2.40	39.77
February	3.03	1.34	2.57	1.60	4.18	4.38	2.36	2.11	2.47	5.64	30.48
March	3.36	3.16	1.11	43	95	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	1.95	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	.90	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 D	31.69 D	33.72 D	40.68 D	35.75 D	39.16 D	39.76 D	31.94 D	32.70 D	37.10 D	356.06

* Average of 31.2 in. to be printed in B.R. (see 111 A 9 file) - Given good 0103. 4283.
1942 Jan. part cut off for average.

40004

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. 3302

T.F. 160

RAINFALL at Lilsden Reservoir

51

County of West Riding Yorks

Observer

H. E. EngineerRiver Basin Cuse-Aire - 9Bradford W.W.Type of Gauge SnowdonAnnual Average 31.2 in. based on 49 years obs. un-weighted. Period of average 1881-1915 Ref. 5
" " 35.32 " " 40 " within 1916-57 " " 1916-50 660.584/26 E 22802/5
File No. 660.584/26 E 22802/5

Diameter ...	5"		074	739							
Height ...	1'0"			1							
Altitude ...	560'			51							
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means Totals
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	0.78	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	7.44	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	43.47	24.55	34.80	34.09	38.02	26.38	39.06	338.13
	D	D	D	D	D	D	D	D	D	D	

NOTE Mr. O'Kane 26.9.59. On grass beside overflow. 4 hrs exposed site available SE side of reservoir.
Site overtopped 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 96National Grid Reference SE (44) 045 976

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

Summary of Earlier Records from 10-year Sheets :

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
	✓	✓	✓	✓	
		✓ but - 20-24	✓	✓	