

RAINFALL AT Skipaon Chelker Reservoir

70

Lat.

Lon.

County of

York W.R.

Rain Gauge, by

Observer

A. R. Binnie Esq. C.E.

Diameter....							19					
Height							5					
Altitude							1					
							730					
Year	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.	
January							156	498	394	99		
February...							414	283	188	253		
March.....							412	362	192	116		
April							229	315	203	187		
May							57	274	446	97		
June							188	117	297	339		
July.....							336	362	138	396		
August							317	506	647	462		
September ..							403	333	306	112		
October							227	524	409	95		
November ..							348	502	280	101		
December ..							722	363	175	139		
TOTALS ..						3400	3809	4439	3675	2396		

* V. roughly est. for working average V. 12

RAINFALL AT Skipton, Chalk Reservoir

80

Lat. _____

Lon. _____

County of Yorks

Monthly Rain Gauge, by _____

Observer A. P. Pinnie, Esq., B.E.

Cuse. Wharf - 10 No 19.

Diameter	5											
Height	1.0											
Altitude	730 ft											
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.	
January ....	.36	.29	3.04	4.75	6.58	2.12	4.35	2.61	1.30	1.45	2.685	
February	3.19	3.32	3.15	2.37	2.83	2.49	.69	.66	.71	1.65	2.106	
March	2.36	3.78	4.09	1.04	2.55	1.70	2.83	.83	2.48	2.03	2.369	
April	1.16	1.04	3.90	3.20	1.36	1.81	1.88	.79	2.32	2.02	1.948	
May	1.70	2.91	1.24	.70	1.93	2.12	3.47	1.80	.91	2.19	1.897	
June	3.38	2.41	4.44	3.17	.38	2.80	1.37	.08	1.97	.71	2.071	
July	6.13	4.45	5.34	3.41	5.40	1.11	3.48	1.67	5.78	3.58	4.035	
August	1.59	4.25	3.44	2.60	1.34	1.12	1.62	1.69	3.32	5.36	2.633	
September....	3.58	2.31	3.07	6.39	2.99	3.87	2.85	4.16	.99	1.42	3.163	
October	2.36	5.61	4.15	5.53	1.82	4.81	4.90	1.76	.96	4.72	3.663	
November....	3.85	4.75	6.07	3.82	1.87	2.67	2.93	2.35	7.37	1.25	3.693	
December	4.64	3.49	3.41	2.11	5.47	1.39	4.10	2.21	2.19	1.93	3.094	
TOTALS	34.30	38.61	45.35	39.09	34.52	28.01	34.47	20.61	30.30	28.31	33.357	

RAINFALL AT

Skipton Shelter Reservoir

Lat. _____

Lon. _____

County of _____

York W.R.

Rain Gauge, by _____

Observer _____

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

Cause. Works 10 Monthly No. 9

Diameter	5											
Height	10											
Altitude	730 A											
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January	3.74	2.28	1.97	1.08	3.07	3.24	1.32	1.81	2.79	5.82	2.712	
February ....	.65	.17	2.90	4.05	5.94	.45	1.42	2.05	3.25	1.81	2.269	
March	2.74	2.04	1.24	.80	2.76	2.95	4.07	4.02	1.34	1.57	2.353	
April	1.10	1.73	1.51	.73	1.97	2.05	2.22	1.99	2.88	2.43	1.861	
May	2.33	2.18	3.12	2.40	1.55	20	.31	1.05	2.67	2.96	1.877	
June	3.35	1.03	4.84	2.65	2.93	2.54	3.34	3.34	2.64	2.12	2.878	
July	2.75	3.70	1.76	4.18	3.21	5.33	2.86	1.11	1.07	3.05	2.902	
August	6.39	5.72	4.40	3.23	3.36	2.66	1.57	5.77	4.18	1.85	3.913	
September	2.13	2.59	2.26	2.55	.44	1.63	5.42	3.90	.80	5.66	2.738	
October	1.92	3.79	6.48	3.58	4.52	4.79	3.53	1.69	4.53	3.12	3.795	
November	3.85	3.77	2.06	2.39	1.97	4.25	1.02	3.21	2.41	1.48	2.641	
December ....	.98	6.44	1.26	3.21	3.09	3.54	3.67	3.64	3.73	3.72	3.328	
TOTALS ...	31.93	35.44	33.80	30.85	34.81	33.62	30.75	33.58	32.29	35.59	33.267	

1880

RAINFALL AT Sixpton Collier Reservoir

Lat.

Lon.

County of York W. Northern

Rain Gauge, by

Observer Watson E. C.

Wharfe - 10. M

Diameter ..	5										
Height	1 0										
Altitude ..	730 K										
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	4.37	1.93	1.70	3.38	2.61	1.31	4.21	1.22	2.66	1.61	2.500
February ..	3.45	1.14	.91	4.48	2.92	1.58	2.09	2.04	2.41	2.02	2.304
March ....	.56	2.24	2.01	5.01	1.59	3.14	1.98	3.09	3.47	2.39	2.548
April	1.75	2.41	1.40	1.61	2.23	2.06	1.39	1.99	2.16	2.82	1.982
May	1.36	.92	2.53	2.46	3.31	.36	3.31	3.01	2.54	2.24	2.204
June	4.42	1.32	.95	1.55	1.58	2.52	2.32	4.75	1.07	2.41	2.289
July	2.90	1.49	2.33	4.49	1.75	1.33	2.94	2.39	3.94	4.24	2.780
August	6.15	1.77	2.23	4.90	3.54	3.80	3.18	2.97	2.58	3.14	3.426
September ..	1.47	1.38	1.38	4.52	.99	2.29	.78	.69	3.80	2.36	1.966
October	4.82	2.91	3.38	7.56	.90	2.70	5.42	5.74	1.92	2.60	3.795
November ..	3.75	4.47	2.53	2.20	3.03	4.05	4.14	2.12	2.60	1.29	3.018
December ..	3.76	4.36	3.32	1.93	2.25	.63	2.75	4.12	2.30	4.10	2.952
TOTALS ..	38.76	26.34	24.67	44.09	26.70	25.77	34.51	34.13	31.45	31.22	31.764

H. H. H.

RAINFALL at Skipton Chalken Reservoir No. 19County of W. YorkshreObserver W. J. Watson Esq. Ch.River Basin Case-Wharfe 10Whitchell by Ck

Rain Gauge, by _____

Diameter ...	5										
Height	1 0										
Altitude ...	730 π										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	1916-19 MEANS. Totals
January ...	4.09	.96	3.85	3.32	2.99	4.80	3.14	2.57	3.40	3.82	12.93
February ...	3.36	3.39	1.87	1.35	2.30	4.21	4.39	.74	5.00	1.43	11.56
March .....	.36	1.67	3.92	4.97	4.25	1.26	3.17	2.37	1.54	3.77	10.85
April	2.48	1.39	.86	3.11	1.05	1.44	2.09	1.93	.93	1.69	6.64
May	1.87	1.19	1.92	2.70	1.57	1.56	2.22	1.72	2.05	1.70	4.69
June	2.47	3.27	6.95	1.96	1.98	.78	3.07	1.55	1.22	.97	6.81
July	3.42	.65	(4.60)	.66	2.85	4.13	2.21	1.49	4.31	2.10	10.11
August	5.15	2.35	(6.40)	1.48	2.52	3.40	3.03	10.29	3.23	2.52	19.07
September ..	.15	3.27	2.14	1.40	1.88	.73	1.94	1.87	8.75	1.10	13.66
October ...	3.86	2.82	3.71	1.54	2.66	1.55	8.40	4.90	2.29	2.71	18.30
November ...	3.25	3.90	2.86	3.62	5.03	1.57	3.60	3.37	1.87	2.53	11.07
December ...	3.54	5.33	4.14	2.39	6.45	4.87	2.78	1.79	6.30	5.39	16.26
TOTALS ...	34.00	30.19	43.22	28.50	35.53	30.25	40.04	34.59	40.59	29.93	144.95

1912 July & Aug est. from surrounding data
X1.20.

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

RAINFALL at Skepton Chelker ReservoirCounty of W. R. YorkshireObserver: L. Mitchell Esq. C.E.River Basin Cuse-Warpe 10Eng: Bradford

Bradford Rain Gauge, by
4.98
5.00
5.01 } good condition

W. Newlands, Esq. B.E. (1930)

Diameter ...	57												
Height	1	0											
Altitude ...	730												
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MEANS.	1920-30 TOTALS	
January ...	3.74	6.85	4.06	3.25	2.36	3.55	3.52	3.03	7.44	1.68	5.74	45.22	
February ...	2.73	3.4	4.25	5.18	.92	5.10	3.34	1.41	4.36	.75	.64	29.02	
March	2.66	2.24	2.95	2.03	1.11	1.00	1.32	3.25	2.64	.31	2.05	21.56	
April.....	3.41	1.15	2.99	2.85	1.67	3.14	1.72	3.31	.93	1.29	2.95	25.41	
May	2.75	1.51	1.39	3.64	5.24	4.54	2.13	1.41	1.60	1.69	1.78	27.68	
June	1.87	1.2	2.25	.99	2.06	.04	2.72	3.52	5.14	1.34	2.13	22.18	
July	5.98	2.02	4.90	3.53	3.80	1.70	2.91	4.16	1.54	3.24	5.88	39.66	
August	2.35	4.92	5.31	4.17	5.07	4.25	4.45	1.94	5.07	3.63	4.01	50.17	
September...	1.57	1.41	4.08	3.99	3.78	2.83	2.82	4.82	.88	1.41	3.89	31.48	
October.....	2.86	2.46	.86	5.12	3.65	4.18	4.06	4.25	5.40	4.47	4.18	41.49	
November...	2.70	2.79	2.29	4.25	2.60	2.78	6.03	3.84	5.33	5.48	4.18	42.27	
December...	4.22	5.23	3.86	2.81	3.52	3.86	1.30	1.74	1.86	8.05	2.97	39.12	
TOTALS...	36.84	31.04	38.89	41.81	35.78	36.97	36.32	41.68	42.19	33.34	40.40	415.26	

Inspected 11.5.10.2. 5 in good position near reservoir in flat field with
 low hills all round.

Position of Station on reduced Ordnance Survey } No. of Map _____
 Map, 2 miles to 1 inch Series

Reference No. _____

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

RAINFALL at Skipton (Chelker Reservoir)

County of West Riding

Observer Bradford Corpn W.W.

River Basin Ouse-Wharfe-10

W Newlands Esq. C.E.

Type of Gauge Snowdon

The Engineer, Bradford W.W.

Annual Average 32.9 in. based on 35 years obs. un-weighted. Period of average 1881-1915 Ref. 3328

66055426

Diameter	5.										
Height	1.0.										
Altitude	730.										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	1931-40 Means Total
January	3.04	3.37	2.16	2.75	1.55	3.08	3.01	4.50	4.64	2.23	30.33
February	3.52	.16	3.96	.16	5.31	1.94	4.60	1.66	3.07	1.58	25.96
March	.43	2.62	2.09	2.37	1.43	1.97	2.37	1.03	1.76	2.22	18.19
April	3.25	3.26	1.76	2.81	2.77	.96	2.96	.49	1.48	2.24	21.98
May	2.77	(3.50)	2.25	1.88	.73	1.13	2.87	3.76	.84	1.62	21.35
June	6.67	1.45	4.06	1.98	3.18	3.74	2.12	3.67	2.39	.57	29.73
July	4.86	4.10	2.50	1.77	.79	4.77	2.52	3.39	5.44	4.50	34.64
August	3.72	1.26	1.27	2.12	1.38	3.77	1.73	3.10	1.32	1.34	21.01
September	3.39	3.12	1.70	2.60	6.36	3.67	1.52	1.43	.96	3.23	27.98
October	1.72	5.49	3.20	3.37	6.53	3.08	1.66	6.94	2.45	3.17	37.61
November	5.72	2.68	2.15	1.64	4.69	4.21	1.06	4.07	5.63	5.36	37.11
December	1.74	1.28	.64	4.86	2.59	3.54	1.94	4.51	2.27	2.97	26.34
TOTALS	40.83	32.09	27.74	28.31	37.31	35.36	28.36	38.45	32.25	31.03	332.23

1932. May estimated from maps.
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. 3323

RAINFALL at Skipton (Chelham Reservoir)

41

County of West Riding Observer The EngineerRiver Basin Ouse - Wharfe - 10 Bradford W.W.Type of Gauge StandardAnnual Average 32.9 in. based on 35 years obs. unweighted. Period of average 1881-1915 Ref. B.F.N.File No. 660554/26

Diameter	5"		062	381							
Height	1' 0"			1							
Altitude	730'			41							
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means Totals
January	(2.90)	(4.59)	3.97	5.03	3.36	3.29	2.95	6.85	1.71	2.16	36.81
February	3.38	1.21	2.27	1.45	4.16	3.85	2.27	2.30	1.84	6.01	28.74
March	3.20	3.04	71	.38	1.32	1.18	7.09	1.45	.89	1.52	20.84
April	1.75	1.23	2.00	3.11	3.08	1.37	3.35	2.41	2.77	2.94	24.01
May	1.58	2.35	2.30	1.89	4.37	2.39	5.17	.83	1.60	2.13	24.61
June	.17	1.14	2.89	2.63	3.28	2.36	3.03	3.30	.70	2.57	22.07
July	2.42	3.05	1.92	3.43	2.33	3.38	2.49	1.24	3.02	3.46	26.74
August	5.17	3.40	4.40	2.52	3.30	7.38	.20	3.59	2.54	5.32	37.82
September	.67	2.02	4.47	6.21	2.51	6.29	2.35	2.70	.98	5.62	33.82
October	5.17	3.53	2.36	3.63	6.26	1.23	1.16	1.89	4.29	2.16	31.68
November	2.73	1.38	2.19	5.93	.48	5.16	4.55	2.15	5.51	4.22	34.30
December	1.29	3.22	2.21	2.64	2.39	2.70	2.99	2.87	6.27	1.69	28.27
TOTALS	30.43	30.16	31.75	38.85	36.84	40.58	37.60	31.58	32.12	39.80	349.71

1941 Jan. total amend. by map.

1942 Jan part estd.

4000440004

309.914

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. 3328 10-46

RAINFALL at Skipton (C. Helker Reservoir)

51

County of West Riding of Yorkshire Observer J. H. Engineer

River Basin Ouse - Wharfe - 10 Bradford 10.10.

Type of Gauge Standard

Annual Average 32.9 in. based on 32 years obs. un-weighted. Period of average 1881-1915 Ref. B. 11

File No. 66274/26 E.22802/58

Diameter ...	5"		062	381								
Height ...	1'0"			1								
Altitude ...	730'			51								
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means	Totals
January ...	3.11	4.25	.74	2.46	1.64	3.87	2.86	2.85	2.86	3.64	28.28	
February ...	2.89	.66	2.53	2.55	1.83	1.48	2.69	6.43	.32	2.22	23.60	
March ...	3.40	2.04	1.20	2.16	1.99	1.38	2.50	1.74	1.32	1.72	19.45	
April ...	1.22	2.08	2.34	.46	.95	2.68	.27	.75	3.64	2.03	16.41	
May ...	3.13	1.86	1.39	2.85	2.86	1.40	.97	4.48	.71	1.51	21.16	
June ...	1.14	2.98	2.50	2.50	2.30	1.90	1.77	4.03	1.73	0.83	21.68	
July ...	2.03	1.75	4.43	2.38	.80	4.76	2.69	3.30	1.99	7.69	31.82	
August ...	4.38	4.76	4.06	7.21	.84	8.18	4.53	4.32	.56	3.61	42.45	
September ...	2.64	2.96	2.59	3.65	2.25	4.34	5.41	3.74	.21	2.66	30.45	
October ...	1.24	3.90	1.96	5.74	2.67	1.83	4.42	3.05	3.34	4.54	32.69	
November ...	7.76	1.81	3.68	4.48	2.05	1.25	2.11	1.09	4.00	6.25	34.48	
December ...	5.82	2.63	1.44	4.05	4.52	3.61	3.56	4.41	5.45	3.93	39.42	
TOTALS ...	38.76	31.68	28.86	40.48	24.70	36.68	33.78	40.19	26.13	40.63	341.89	
	D	D	D	D	D	D	D	D	D	D		

Imp. N. 11. Atkinson 6/52 Bradford g. in good condition, 100. 410". 2 1/2 in. ground with 6 in. high soil 6 in. aug. ground outside 5 in. down

Site fairly level on W. tip of res. near main road; in slight hollow but exposed on W. to E.

Possibly temporary rain.

Imp. Mr. O'Kane 25.9.58. Catch collected in bottle & read in rear by shed. Site over-cupped most directions. Tuff well rec. No bottle g. sound.

An. av. 35.79 in. based on 38 yrs. obs. within 1916-57. o/e. 1 in. loss. Period of av. 1916-50 is - Rejected

Position of Station on Ordnance One-Inch map: No. of Map 96 National Grid Reference 554 051517

Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction 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
	✓ 12	✓	✓	✓	
		✓ 20-22, 24	✓ 20-31-34	✓	