

Loxley Valley
RAINFALL at Sheffield, Dale Dyke Reservoir

County of W.R. Yorkshire

Observer L. S. M. Marsh Esq. C.E.

River Basin Over Don 7

Recording Rain Gauge, by _____

Diameter ...	10											
Height	3.0											
Altitude ...	715 ft											
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.	
January ...	4.16	1.82	5.21	4.83	2.84	6.74	2.92	3.65	3.42	5.43		
February ...	4.11	4.62	2.00	1.35	2.60	6.30	7.85	.65	4.26	2.44		
March82	1.98	4.85	4.43	4.26	1.47	6.44	3.20	1.68	5.74		
April	2.44	2.66	1.32	3.65	1.66	1.86	2.93	2.87	1.70	2.28		
May	3.36	1.01	3.94	2.93	1.88	1.82	2.81	1.68	2.23	1.51		
June	3.31	3.08	4.06	1.42	3.99	1.37	3.70	2.01	1.40	.99		
July	3.52	.27	6.75	1.38	2.76	5.81	2.71	1.42	3.45	4.31		
August	4.54	2.66	7.71	1.96	1.69	3.19	1.72	6.73	1.59	3.66		
September41	2.75	1.87	2.82	3.15	.96	1.76	1.71	9.88	2.72		
October ...	2.88	3.42	3.71	5.03	3.59	2.51	5.37	6.30	2.96	3.66		
November ..	5.11	5.53	2.69	3.98	6.71	4.61	5.20	3.68	1.66	3.62		
December ...	6.13	5.87	5.93	3.25	8.59	6.53	3.55	2.55	7.12	7.42		
TOTALS ...	41.79	35.67	50.04	37.03	43.72	45.46	47.06	36.45	41.05	43.76		

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

RAINFALL at Loxley Valley Sheffield, Dale Dyke, Runners

County of W.R. YorkshireObserver L. S. M. Marchant C.E.River Basin Ouse - Don 7Gauge Rain Gauge, by Flaisher

Weekly

Diameter ...	8										
Height	3.0										
Altitude ...	715 ft										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January	4.16	1.95	5.14	4.81	2.75	6.68	2.85	3.65	3.32	5.31	
February	4.05	4.69	1.99	1.33	2.49	6.18	7.69	.64	4.18	2.44	
March	.80	1.93	4.75	4.48	4.19	1.43	6.35	3.17	1.66	5.95	
April	3.43	2.59	1.31	3.55	1.74	1.80	2.87	2.83	1.68	2.39	
May	3.34	.97	3.78	2.83	1.84	1.79	2.78	1.62	2.20	1.50	
June	3.19	2.95	4.08	1.35	3.92	1.36	3.75	2.03	1.38	.93	
July	3.44	.26	6.56	1.33	2.70	5.69	2.70	1.41	3.38	4.28	
August	4.50	2.64	7.81	1.92	1.66	3.17	1.67	6.65	1.84	3.55	
September	.40	2.73	1.88	2.67	3.16	.94	1.72	1.64	9.38	2.67	
October	2.84	3.38	3.61	4.94	3.55	2.43	5.36	6.20	2.90	5.54	
November	5.05	5.49	2.63	3.94	6.56	4.57	5.14	3.61	1.62	3.49	
December	6.07	5.81	5.89	3.17	8.47	8.73	3.56	2.56	7.00	7.10	
TOTALS	41.27	35.39	49.43	36.32	43.06	44.76	46.44	36.02	40.24	23.70	

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

RAINFALL at Lockley Valley Dale Dike ReservoirCounty of N. B. YorkshireObserver L. S. M. Marsh Esq C.E.River Basin Cuse - DonS. H. Studley C.E. (1924)Flaithen Rain Gauge, by new - M.O. 899 diam - 8.00Sheffields W.S.S. stands on rocky, tree 40 ft. high 40 ft. N 7 apples tree 10 ft. high 10 ft S.

Diameter ...	8										
Height	3 0							1' 6"			
Altitude ...	715										
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	<u>1930</u> <u>M.O.S.</u>
January ...	5.76	5.53	5.46	3.27	2.73	4.72	5.05	2.85	9.09	2.01	5.82
February ...	3.73	3.4	4.07	7.41	1.70	5.94	3.07	1.62	5.81	5.6	1.55
March	2.82	2.87	2.67	2.38	.98	1.92	1.91	4.75	2.93	4.1	3.90
April	5.79	1.59	4.48	3.08	2.34	3.61	2.11	5.59	1.79	1.68	4.27
May	4.97	1.69	1.03	4.90	4.59	4.42	3.57	1.75	1.66	2.18	2.31
June	4.08	.32	2.05	1.00	2.14	.10	3.39	4.99	4.27	1.85	3.04
July	6.50	1.12	4.24	3.36	3.85	1.49	4.58	2.79	1.23	2.39	7.56
August	1.73	6.38	7.26	3.66	4.24	2.80	3.58	4.28	3.80	3.13	3.89
September...	1.62	.75	3.68	3.45	4.39	3.62	2.13	5.63	.55	1.53	5.56
October	2.34	2.63	1.43	3.15	5.49	4.33	4.86	4.47	6.38	4.73	4.84
November...	1.67	2.30	2.02	6.31	2.85	3.51	5.02	6.03	6.46	7.30	4.84
December...	3.79	6.18	4.72	3.50	3.61	4.75	2.45	3.44	2.86	8.87	3.57
TOTALS...	44.80	31.70	43.11	45.47	38.91	41.21	41.72	43.16	46.85	36.64	51.15

Inspected C.S. 26.9.22. S. certainly shatters but not moved for sentimental reasons.

XII/30 Inspected. suggested, could be moved with advantage to site lower down slope

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 Losley Valley Dale Dike ReservoirCounty of N. P. YorkshireObserver S. L. M. Marsh Esq. C.E.River Basin Cuse - Don 7S. H. Studley C.E. (1924)Recording Rain Gauge, by
Good condition on stone pedestal.
2000 ml. gauge 10 ft. diam.Stuffed 121.

Diameter ...	10										
Height	3.0								1'6"		
Altitude ...	715										
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 1930
January ...	5.88	5.63	5.57	3.27	2.71	4.89	5.08	2.85	9.33	1.98	5.89
February ...	3.76	.35	4.18	7.41	1.69	6.09	3.05	1.59	5.99	.83	1.50
March	2.82	2.82	2.75	2.38	.99	1.94	2.06	4.75	2.90	.43	3.79
April	5.83	1.57	4.45	3.08	2.37	3.67	2.11	5.62	1.79	1.72	4.13
May	4.83	1.70	1.00	4.90	4.59	4.21	3.64	1.78	1.58	2.29	2.21
June	4.05	.34	2.05	1.00	1.95	.10	3.52	4.37	4.28	1.88	2.89
July	6.48	1.14	4.22	3.36	3.63	1.51	4.69	2.67	1.23	2.38	7.27
August	1.69	6.32	7.17	3.66	4.23	2.93	3.68	4.19	3.95	3.17	3.71
September...	1.58	.69	3.60	3.45	4.47	3.50	2.17	5.61	.55	1.55	5.37
October	2.39	2.66	1.40	3.15	5.63	4.29	4.94	4.50	6.21	5.03	4.75
November...	1.69	2.32	2.03	6.31	2.84	3.43	4.95	5.87	6.66	7.35	4.73
December...	3.92	6.29	4.69	3.50	3.57	4.85	2.51	3.39	2.86	9.08	3.67
TOTALS...	44.92	31.83	43.11	45.47	33.69	41.31	42.42	47.69	47.33	37.39	49.91
	D	D	D	D	P	N.P.	N.P.	N.P.	D	D	D

Inspected ES. 26. 9. 22 a good site, Road drops slightly to water, 50 yds. S.

1934. N.P. Recorder.

1925. Not printed.

1926. N.P.

1927. Recorder. N.P.

1929. Check. N.P.

1930. Recorder N.P.

XII/30 Inspected. Gauge could be moved with advantage
lower down the slope.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 Lexley V. (Dale Dike Res)County of West RidingObserver Sheffield Corp. W.W.River Basin Ouse-Dan-7Type of Gauge 4-1-9Annual Average 41.9 in. based on 8 years obs. un-weighted. Period of average 1881-1915 Ref. F. FileRevised 2/1/37 See File660609/26

Diameter	8.											
Height	1.8°											
Altitude	715.											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	
January	6.49	4.18	3.01	4.16	2.53	4.59	6.94	5.48	6.77	(4.29)	48.74	
February	5.18	.77	6.81	.41	6.84	4.19	7.93	2.66	3.33	3.09	41.21	
March	.35	2.84	3.36	4.74	1.79	3.58	3.98	.91	3.75	2.96	28.26	
April	5.88	5.32	1.46	3.21	3.79	2.23	2.88	.37	2.85	3.99	31.98	
May	3.10	6.81	2.04	2.25	.74	2.19	3.63	3.20	2.42	1.20	27.58	
June	5.06	.88	2.29	1.33	4.33	3.81	1.18	3.00	2.76	.86	25.50	
July	4.78	4.67	2.95	3.02	1.70	4.03	3.49	4.40	6.87	3.14	39.05	
August	6.98	2.09	0.92	1.94	2.28	1.79	1.25	2.75	2.78	.89	23.67	
September	5.65	2.84	1.87	3.35	5.88	4.96	1.46	3.21	2.15	2.97	34.34	
October	1.63	7.06	5.88	4.72	8.25	5.07	3.90	8.15	4.55	4.92	54.13	
November	5.36	3.77	2.75	2.77	7.88	5.49	2.50	5.63	7.22	9.71	53.08	
December	1.97	1.96	0.78	5.69	5.28	4.34	4.59	5.03	3.70	4.73	38.07	
TOTALS	52.43	43.19	34.12	37.59	51.29	46.27	43.73	44.79	49.75	42.75	445.31	

1931 Gauge moved Jan 1st 32 yds S

Top waterline Dale Dike Res. 16 yds SE

Wall 4½ ft high 36 yds ESE

Position of Station on reduced Ordnance Survey Map, } No. of Map.....

1 mile to 1 inch Series

Reference No.....

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

RAINFALL at Gooley Toller (Dale Pike Res.)

41

County of West Riding Yorkshire.Observer Sheffield Corp. W.W.River Basin Chase-Ram.Type of Gauge StandardAnnual Average 41.9 in. based on 2 years obs. un-weighted. Period of average 1881-1915 Ref. FileFile No. bbobog/ab

Diameter	8"			082	283						
Height	1' 0"				1						
Altitude	716'				41						
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means Totals
January	4.71	3.94	5.50	5.76	4.72	6.23	(4.03)	9.77	2.39	2.02	49.07
February	5.37	1.60	3.45	2.52	4.56	6.33	(3.72)	3.38	2.58	7.25	40.76
March	6.46	2.70	1.61	.68	1.08	1.94	(6.84)	1.75	1.62	1.68	26.36
April	2.65	2.23	2.74	3.25	2.78	2.12	4.31	2.72	3.99	5.14	31.93
May	3.65	4.54	3.21	4.24	4.26	2.77	2.97	1.78	2.46	2.13	32.01
June	.80	1.16	2.72	2.71	4.24	6.38	3.23	5.22	.73	1.41	28.60
July	3.66	3.51	1.86	3.28	1.85	3.31	2.58	1.92	3.85	2.36	28.20
August	4.69	4.10	3.49	3.20	3.39	4.83	.51	5.29	2.58	2.77	35.85
September	.24	2.14	4.49	5.38	2.06	6.56	1.80	2.36	1.67	5.05	31.88
October	5.65	4.85	2.48	4.23	6.47	1.99	1.01	1.98	4.20	1.90	34.82
November	4.39	1.80	4.16	8.01	.63	8.85	5.35	1.79	7.12	7.44	49.54
December	2.21	3.61	2.28	3.98	3.43	4.62	5.16	4.06	7.66	2.64	39.65
TOTALS	44.63	36.18	37.99	47.30	39.47	55.93	41.51	42.02	40.85	42.79	428.67

1947 Jan. Feb. & Mar. record for snow by observer
 1948 Gauge started 1.6.48. - found to be sound
 1950 gauge inspected by S.W.W. found gauge & fence sound.

70004

A Gooley Reservoir gauge is kept at this station but records are not retained in this office (last used 1931)

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

51

Type of Gauge..... Snow Don.....

Annual Average 41.9 in. based on 5 years obs. un-weighted. Period of average 1881-1915 Ref. File
 " " 43.35 " " 37 " within 1916-57 " " 1916-50 " " 5
 File No. 645.66.1.20

Diameter ...	8"	8"		082	283							
Height ...	1' 0"	1' 0"			1							
Altitude ...	715'				51	en 1090 710'						
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means Total	
January ...	4.36	5.20	1.56	4.31	(3.07)	7.43	3.19	4.87	4.29	7.20	45.48	
February ...	4.70	1.48	(2.40)	(3.60)	(3.49)	1.74	4.04	(6.22)	.23	3.02	30.92	
March ...	5.70	2.49	2.65	2.93	3.91	2.02	3.41	3.23	2.03	2.75	31.12	
April ...	2.09	2.37	3.33	.72	1.33	2.40	.38	1.33	4.36	2.78	21.10	
May ...	4.14	2.87	2.64	5.03	4.94	.94	1.87	3.96	1.32	2.20	29.91	
June ...	1.06	2.09	2.79	2.51	3.49	4.42	1.71	5.19	1.68	1.79	26.73	
July ...	1.66	2.00	3.70	3.70	1.32	7.62	3.34	6.11	2.30	5.22	36.97	
August ...	4.46	2.69	3.98	7.44	.94	7.43	7.29	2.88	1.71	4.07	42.69	
September ...	2.25	5.00	1.83	4.16	1.72	4.31	5.53	4.13	.08	4.12	33.13	
October ...	1.26	7.26	1.99	6.25	2.90	2.57	3.53	3.71	3.58	8.54	41.59	
November ...	10.45	3.41	3.01	7.51	2.51	2.11	2.99	1.17	5.87	6.30	45.33	
December ...	5.71	3.94	1.73	7.25	5.62	5.49	5.28	5.07	7.62	5.41	53.12	
TOTALS ...	47.84 D	40.80 D	31.61 D	55.42 D	35.24 D	48.48 D	42.56 D	47.67 D	35.07 D	53.40 D	438.09	

1951	Feb. ad 13. vi. by <i>Staph.</i> W.W.	Ratio factor
1952	Feb. ad 10. vi. by <i>Staph.</i> Corp. W.W.	Ratio factor
1953	Feb. est. engineered.	
1954	Jan. 1st. paper.	60004
1955	Jan. Feb. ad. by Eng'r.	20004 20004

2004

60004

2000420004

(43)

Position of Station on Ordnance One-Inch map : No. of Map 102 National Grid Reference SK 942917

[illegible]

Summary of Earlier Records from 10-year Sheets :

	1910-19	1920-30	1931-40	1941-50	1951-60
Record D, or d	✓	✓	✓ ✓ sent - 21-32	✓ ✓ sent 2 147	