

RAINFALL at Loch Valley Pocher Flat N.S.

County of W. Yorkshire

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

River Basin Ouse Don

Sunder Rain Gauge, by Casella

Diameter ...	5										
Height	1.0										
Altitude ...	1106 ft										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	1.50	5.25	3.96	2.75	5.49	2.89	2.59	3.24	5.02		
February ...	4.19	1.98	1.39	2.44	4.72	8.11	.62	3.78	2.72		
March	1.85	4.11	4.39	3.66	1.66	6.40	2.89	1.56	6.13		
April	2.30	.90	3.44	1.55	1.59	2.36	2.50	1.58	2.19		
May	1.20	4.27	2.94	1.81	1.80	2.99	1.76	2.23	1.79		
June	2.66	4.02	1.22	4.50	1.46	2.91	1.97	1.11	.77		
July .....	.19	7.01	1.64	2.50	5.62	1.97	1.31	3.08	4.59		
August	2.23	8.29	1.55	1.32	3.03	1.23	6.24	1.46	8.66		
September ..	2.54	1.77	3.98	2.78	.84	1.95	1.35	8.60	2.88		
October ...	3.20	3.22	5.35	3.60	2.26	5.07	5.30	2.51	4.25		
November ..	5.42	2.44	3.80	5.89	4.12	4.98	3.25	1.54	3.33		
December ...	5.55	4.98	2.78	7.31	8.90	3.76	2.17	6.91	6.03		
TOTALS ...	32.93	48.34	36.44	40.11	41.49	44.62	31.95	37.60	43.36		

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
			<u>Orghound</u>	<u>2 3/4</u>	<u>1 N E</u>	<u>Bradford</u>	<u>7 1/2</u>	<u>S</u>

RAINFALL at Loxley Valley Pocker FlatCounty of N. Z. YorkshireObserver L. S. M. Manske Esq C.E.River Basin Cuse-DowS. H. Studdley C.E. (1924)Snowdon Rain Gauge, by Casella Co
Snow melting 5.00
5.00
5.00Water Eng. S. H. Studdley

Diameter ...	5										
Height	1.0										
Altitude ...	1106										
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 Mean.
January ...	5.29	5.06	4.94	2.37	2.41	4.00	4.67	2.22	8.78	1.74	5.58
February ...	3.42	2.28	3.77	6.58	1.88	5.08	3.04	1.42	5.08	.66	1.35
March	2.82	2.71	2.75	2.16	1.00	1.67	1.84	3.74	3.04	.36	3.39
April	5.93	1.35	4.66	2.67	2.32	3.51	1.89	4.57	1.40	1.43	4.07
May	5.23	1.82	.96	4.04	3.87	3.86	3.21	2.02	1.53	2.16	2.05
June	4.31	.41	1.53	.99	2.06	.09	3.13	4.46	3.98	1.46	1.72
July	6.63	1.37	4.12	2.61	3.41	1.85	4.12	2.56	1.05	2.06	7.08
August	1.61	5.12	6.17	3.22	3.76	2.67	3.05	4.56	3.32	2.78	3.36
September...	1.33	.65	3.47	2.99	4.15	3.23	1.68	5.82	.45	1.51	5.41
October	2.46	2.60	1.34	2.66	5.03	4.48	4.28	4.03	5.98	4.27	4.39
November...	1.51	2.19	2.05	5.40	2.67	3.00	4.67	5.58	6.32	6.76	4.58
December...	3.83	5.67	3.82	3.07	3.21	5.10	1.99	3.51	2.75	8.17	3.16
TOTALS...	44.37	29.23	34.58	38.76	35.77	38.44	37.57	44.49	43.68	33.36	46.14

Inspected C.S. 26.9.22 in level meadow, excellent site.

III/30 Inspected very good site. see Gen file.

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
			<u>Boughtonbridge</u>	<u>2 1/4</u>	<u>N 7 1/2 E</u>	<u>Bradfield</u>	<u>7 1/2</u>	<u>S.</u>

RAINFALL at Loxley V. (Rocher Flat)County of West Riding Observer Sheffield Corpn. W. W.River Basin Ouse Don-7

Type of Gauge

Annual Average 37.1 in. based on 19 years obs. un-weighted. Period of average 1881-1915 Ref. S

660609/26

Diameter	5.										
Height	1.0.										
Altitude	1106										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	4.88	3.45	3.04	3.95	2.03	4.17	5.94	4.68	6.08	(5.91)	
February	4.23	.77	6.62	.40	5.59	3.87	6.99	2.17	2.43	(2.90)	
March	.38	2.82	3.15	3.58	1.58	3.32	3.90	.45	2.74	3.01	
April	4.85	4.31	1.03	3.02	2.74	2.24	2.59	.21	2.85	3.55	
May	3.15	7.30	1.90	1.88	.49	1.67	3.69	2.76	2.65	1.15	
June	5.05	.60	2.19	1.33	5.31	4.08	.80	2.29	2.89	.65	
July	4.46	4.61	2.24	1.84	1.66	3.12	3.35	3.60	6.81	2.80	
August	7.32	2.60	0.57	1.59	1.92	1.32	.81	2.63	2.38	.60	
September	5.77	2.46	2.30	2.71	5.12	4.10	1.56	3.09	2.39	2.54	
October	1.19	3.84	6.67	3.55	6.54	4.14	3.56	7.11	4.42	5.01	
November	4.57	3.66	2.37	2.78	7.30	4.93	2.65	4.66	7.50	9.34	
December	1.62	1.84	0.52	5.11	4.18	4.30	4.17	3.86	2.93	3.41	
TOTALS	47.47	39.96	31.60	31.74	44.46	41.26	40.01	37.51	46.07	38.87	

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

RAINFALL at Soxley Valley (Rother Flat)County of West Riding YorkshireObserver Sheffield Empn. W. W.River Basin Case: DonType of Gauge StandardAnnual Average 37.1 in. based on 19 years obs. ~~un~~-weighted. Period of average 1881-1915 Ref. 5File No. bbabq/2b

Diameter	5"			082	341						
Height	1'0"				1						
Altitude	1106'				41						
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	4.48	(3.56)	5.44	4.45	4.50	4.63	(3.77)	7.98	2.00	1.60	
February	(5.04)	1.47	2.93	2.14	4.80	5.17	(3.31)	(2.70)	1.85	(6.50)	
March	6.03	2.43	1.48	.66	89	2.46	(5.87)	1.36	1.26	1.45	
April	2.65	1.78	2.37	2.30	2.30	1.79	4.05	2.13	3.18	(8.84)	
May	3.33	4.13	2.69	3.63	4.15	3.02	2.66	1.67	1.98	2.32	
June	.36	1.23	2.21	1.36	3.76	4.06	2.62	4.77	.51	.98	
July	3.12	3.10	1.33	3.13	2.00	3.11	2.63	1.51	4.88	1.77	
August	3.83	3.78	3.26	3.04	3.26	4.82	.47	5.51	2.00	3.78	
September	.38	2.00	4.43	5.10	1.48	6.40	1.44	1.91	1.65	3.82	
October	4.88	3.77	2.35	3.82	6.26	2.26	.98	1.56	3.44	1.45	
November	4.20	1.87	3.09	6.95	.72	8.15	3.75	1.47	5.67	6.07	
December	1.60	2.64	1.77	3.16	2.66	4.01	4.41	3.88	5.40	2.06	
TOTALS	39.89	31.76	33.35	41.00	36.78	49.88	(35.96)	36.45	33.82	35.64	

1941 Feb est'd. by observer.

1942 Jan. " "

1943 n.p. low

1944 n.p. low

1946 n.p. low - nothing wrong with it. - 1945, March '48.

1947 Jan. Feb. Mar. est'd. for snow by observer

1948 gauge tested 1.6.49. found to be sound.

1950 gauge impeded by S.W.V. gauge sound.

1950 n.p. dead

20004 40004

70004 20004

26004

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. 3125/1RAINFALL at Loxley Valley (Rocher Flat) check

41

County of W R Yorks Observer Sheffield Gtm. W.W.River Basin Ouse - Don - 7Type of Gauge Snowdon

Annual Average.....in. based on.....years obs. un-weighted. Period of average.....Ref.....

File No.

Diameter											
Height					5"						
Altitude					1' 0"						
					1106'						
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January						4.30	(3.77)	7.26	1.65		
February						4.50	(3.31)	(2.49)	1.64		
March					# 88	1.96	(5.81)	1.25	.98		
April					2.20	1.73	3.88	1.91	#		
May					4.14	3.04	2.68	1.65			
June					3.78	4.08	2.69	4.51			
July					1.99	3.06	2.48	1.37			
August					3.26	4.90	47	5.30			
September					1.38	6.38	1.35	1.76			
October					6.00	2.18	.95	1.38			
November .....					.70	8.00	3.39	1.27			
December					2.71	4.00	4.55	3.57			
TOTALS					inc	48.13	(35.39)	35.72	#		
						n.p.	n.p.	n.p.	n.p.		

1946. n.p. check.

1947 n.p. check. Jan. Feb & Mar etc. & full snow lay observed

1948 gauge tested 16.09. - less exposed than 3125.

1950 gauge inspected 7/6/50. gauge OK. New fence. No bottle. New bottle to be installed immediately

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	Parish Church.	Distance from gauge.	Direction

BRITISH RAINFALL ORGANIZATION

Station No. 3125/2**RAINFALL** at Boxley Valley (Rocher Flat) stream check 1948

41

County of W. R. YorksObserver Sheffield Corp. W. W.River Basin Ouse Don-7Type of Gauge Snowdon

Annual Average in. based on years obs. un-weighted. Period of average Ref.

File No. 660.62.9/26

Diameter				082	340		5"				
Height					1		1' 0"				
Altitude					41		1106'				
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January								8.12	1.98	1.93	
February								(2.88)	2.00	(6.50)	
March								1.44	1.13	1.65	
April							#	2.28	3.71	(4.26)	
May							2.71	1.73	2.15	2.89	
June							2.28	6.04	.59	1.14	
July							2.61	1.60	5.04	1.92	
August							.48	5.51	2.17	3.92	
September							1.56	1.97	1.74	4.81	
October							1.02	1.67	3.77	1.71	
November							4.26	1.55	6.26	6.32	
December							4.52	3.88	6.73	2.47	
TOTALS							imp	37.67	37.21	39.22	

1947. 2 p. imp.

20004

26004

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. 3125

51

RAINFALL at Loxley Valley (Rocher Flat) check g.County of West Riding - YorksObserver Sheffield Corps. W.W.River Basin Don - 7Type of Gauge London BradfordAnnual Average 37.1 in. based on 19 years obs. un-weighted. Period of average 1881-1915 Ref. 5File No. 668609/26

Diameter	...	5"	5"	082	341.							
Height	...	1' 0"	1' 0"		1							
Altitude	...	1106'			51							
Year	...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January	...	3.10	4.80	1.12 1.35 (3.60)	2.85	5.90	3.69	5.09	4.09			
February	...	3.41	1.33	2.19 2.70 (3.25)	(2.74)	(1.50)	3.43	(5.53)				
March	...	4.81	2.27	2.10 2.36 2.58 2.76	2.69	3.82	1.67	2.91	2.87			
April	...	1.54	1.70	2.80 2.77 2.65	.55	.78	2.99	.33	1.02			
May	...	4.82	2.44	2.81 2.98 3.29	4.61	3.82	.79	1.40	3.81			
June	...	.94	1.83	3.34 3.65 1.57	2.30	3.62	4.12	1.74	5.61			
July	...	1.48	1.70	1.74 2.05 2.46	2.42	.97	7.38	3.16	5.90			
August	...	4.22	2.37	2.67 2.70 1.41	7.84	.64	6.31	5.65	2.64			
September	...	1.47	4.17	1.57 2.05 2.46	2.87	1.17	4.17	4.68	4.11			
October	...	1.00	6.30	2.67 2.70 1.41	4.81	2.44	2.18	2.78	3.46			
November	...	9.33	2.52	1.60 1.41 1.60	7.17	2.36	1.42	2.80	.57			
December	...	4.34	2.59	1.60 1.41 1.60	5.03	4.54	4.06	4.69	4.50			
TOTALS	...	40.46	34.02	27.7 29.29	47.14	29.72	42.29	37.26	45.51			

1952 South of 10° from N. Sheffield Corp. n.p.m. Date of station

1951 n.p. check

1952 n.p. check

1953 n.p. check. Tot. est. engineers, wind n.p.m. 2nd run

1954 n.p. check. May rep. engineer satisfactory.

1955 n.p. check

1956 n.p. check S. 100

1957 n.p. check S. 100. S. sound. Site was exposed WSW-S-E.

1958 n.p. check

1959 terminated

Position of Station on Ordnance One-Inch map: No. of Map 102 National Grid Reference SK 268735

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
	C1911	✓	✓	✓	✓
	✓	-	-	✓	✓

Station No. 3125/2

RAINFALL at Loxley Valley (Rochester Plate)

51

County of Yorks. W.R.Observer Sheffield Corps. W.W.River Basin 2 - Ouse - DonType of Gauge Standard BRADFORD

Annual Average in based on years obs. un-weighted. Period of average Ref. 8

" " 39-89 " 10 " 1948-57

File No. 660609/26

Diameter ...	5"			082	340						
Height ...	1'0"				1						
Altitude ...	1106'				51						
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	3.65	4.84	1.35 1.12 2.10	3.61	(2.85)	6.50	3.74	5.04	(4.04)	(6.50)	
February ...	3.75	1.33	(2.10)	(2.25)	(2.91)	(1.50)	3.56	(5.53)	.18	(2.81)	
March ...	5.07	2.43	2.36 2.10 2.76	2.85	4.38	1.89	3.21	3.03	1.66	3.04	
April ...	1.77	1.81	2.58 2.77 2.80	.68	.89	3.11	.39	1.12	4.32	2.19	
May ...	5.12	2.59	2.81 2.65 3.29	4.90	4.62	.92	1.48	3.91	1.23	2.21	
June ...	.96	1.92	2.29 2.81 3.29	2.41	3.74	4.28	1.86	5.70	1.98	1.67	
July ...	1.62	1.82	2.98 3.65 2.04	2.53	1.07	7.69	3.27	5.83	2.22	4.09	
August ...	4.42	2.64	2.04 1.74 1.57	2.08	.71	6.05	5.89	2.83	1.47	(3.95)	
September ...	1.65	4.68	1.57 2.16 2.05	3.00	1.37	4.26	4.89	4.00	.05	4.79	
October ...	1.13	6.68	2.70 2.70 2.47	5.19	2.71	2.37	2.98	(3.26)	3.03	(8.74)	
November ...	9.72	2.79	1.60 1.41 2.47	7.55	2.48	1.78	2.94	1.02	4.89	5.47	
December ...	5.13	3.22		5.48	5.06	4.32	5.06	4.63	5.68	4.61	
TOTALS ...	43.99	36.75	29.29 22.47 21	49.53	32.79	45.17 np	39.27	45.90	30.75 M	50.07 np	

1951. Print

1953 4th. est. engines.

1954 1st. est. on 3125 W.W. - hay - not by given - satisfactory.

1956 n.p. 102

July II 1954 BOK. 2 take loose. Site satisfactory.

1957 print

1960 np 6 much est.

20004 60004 20004 20044 60004 60244

Position of Station on Ordnance One-Inch map : No. of Map 102 National Grid Reference SK 247.735

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
				Camp 1947	