

## RAINFALL at Langsett Moor Fiddlers Green

County of W Yorkshrie

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

River Basin Ouse - Don 7

Snowdon Rain Gauge, by Casella

M

Diameter ...	8										
Height .....	1.6										
Altitude ...	1493 ft										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	1916-19 MEANS. Totals
January ...	4.46	2.13	4.81	5.03	4.05	6.80	5.12	3.23	3.57	6.40	18.42
February ...	5.14	6.41	2.53	1.94	2.94	5.03	8.40	.81	7.29	2.57	19.07
March .....	1.13	3.12	5.88	6.37	4.93	1.72	8.69	3.14	1.72	6.92	20.47
April .....	4.48	3.79	1.79	4.54	1.68	1.94	3.63	2.71	1.46	2.62	10.22
May .....	4.21	1.13	4.78	3.46	2.89	2.01	2.72	2.24	3.37	2.51	10.54
June .....	4.68	4.57	5.02	2.59	4.35	1.11	4.95	2.47	2.69	1.52	11.63
July .....	5.00	.56	6.56	1.36	3.61	6.20	3.24	2.85	4.71	4.68	15.28
August .....	6.84	3.88	9.18	1.65	2.84	5.40	3.67	8.39	2.52	4.24	18.87
September ..	.61	3.39	3.63	3.24	3.58	.74	2.86	2.27	13.31	2.67	21.11
October ...	4.15	4.48	4.49	4.79	3.37	2.60	8.84	7.37	4.22	4.73	25.16
November ...	4.45	6.36	3.75	4.67	7.04	3.51	5.50	5.98	2.69	3.93	18.10
December ...	7.40	7.26	7.07	3.66	8.82	9.02	5.16	2.47	9.38	7.19	24.20
TOTALS ...	52.55	47.08	59.49	43.30	49.70	46.08	62.78	44.03	56.93	49.33	213.07

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

## RAINFALL at Langsett Moor Fiddlers Green

County of N.R. Yorkshire

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

River Basin Cuse-Don 7

S. H. Studley CE (1924)

Snowdon Rain Gauge by Casella  
Insulated snow melting 5.00 5.00  
4.98 5.00

Stagnated 6.7m

Diameter ...	9										
Height .....	1.6										
Altitude ...	1493										
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	X 1930
January ...	7.85	8.62	6.10	4.97	3.66	5.94	5.90	3.74	11.58	1.38	7.05
February ...	4.72	4.48	5.77	9.09	1.51	6.96	5.00	2.31	5.20	.57	1.04
March .....	3.46	5.14	3.19	3.35	1.98	2.21	2.88	4.96	3.16	.68	3.45
April.....	8.11	1.22	4.78	3.52	2.90	3.96	2.93	4.35	2.23	1.94	3.58
May .....	6.20	2.13	1.30	5.23	5.98	5.04	4.34	1.57	2.01	3.02	2.73
June .....	4.52	4.48	2.91	1.10	2.14	.16	4.68	4.96	5.16	1.34	3.71
July .....	7.93	2.18	5.28	5.28	4.04	2.56	3.47	3.39	1.74	3.19	9.40
August .....	2.91	6.27	7.01	5.35	5.36	4.24	5.57	6.78	4.35	5.10	6.34
September...	2.26	1.86	5.23	5.68	5.34	4.40	2.83	7.30	.54	1.62	6.66
October.....	3.15	3.41	1.25	4.90	7.17	6.05	4.42	5.08	6.46	6.02	8.02
November...	2.37	2.97	3.37	6.76	4.45	3.27	5.24	6.44	8.00	9.84	6.44
December...	4.80	8.54	5.46	4.33	5.61	6.29	2.40	2.87	3.14	10.27	3.51
TOTALS...	58.28	43.30	51.65	59.58	50.64	51.08	49.96	54.24	53.57	44.97	61.93

Inspected 8.26.9.2 - a good site at top of nearly level subsidiary ridge of moor. Land rises on west and beyond valley bottom 1 mi. away and also. Falls slightly to N & rises to E.

To be raised to 1 ft. & insulated with felt.

XII/30 Inspected. G over exposed. Recommended that new g be set up at Lofebrook Brook. G at Fiddlers G. could be left as it is for 2 years & then abandoned. See green file.

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

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

## RAINFALL at Langsett Moor (Fiddlers Green)

County of West Riding

Observer Sheffield Corp. W.W.

River Basin Ouse-Don-7

Type of Gauge

Annual Average 48.7 in. based on 20 years obs. un-weighted. Period of average 1891-1915 Ref. S

660609/26

Diameter	8.										
Height	1.6.										
Altitude	1493.	1492.									
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	1931-40 Means
January	6.22	6.38	4.81	5.07	3.26	5.80	7.83	7.07	7.04	(4.77)	58.25
February	6.26	4.49	8.93	2.24	8.46	5.31	7.79	2.82	4.89	3.79	48.68
March	2.21	3.25	2.99	3.56	2.82	4.46	4.65	2.01	4.02	4.51	32.48
April	5.81	6.25	1.90	3.20	3.91	2.52	3.55	3.54	3.26	4.09	35.03
May	3.14	6.07	2.01	3.18	5.53	2.03	3.35	4.00	2.98	1.22	28.51
June	6.25	8.88	3.14	2.24	4.35	5.41	1.66	4.40	3.57	1.02	32.92
July	6.18	4.77	5.08	3.42	2.45	4.83	3.80	4.97	7.61	5.28	48.39
August	7.97	2.94	1.09	3.66	2.67	2.23	1.28	3.18	2.49	2.50	30.01
September	6.21	4.90	1.88	3.07	7.16	6.98	1.79	3.21	2.60	4.81	42.81
October	2.42	8.60	5.99	5.97	11.82	5.65	3.90	10.57	4.82	5.90	65.64
November	5.92	4.77	3.10	3.44	8.41	7.34	3.20	6.32	9.45	10.15	62.10
December	2.84	2.19	0.62	6.08	4.78	4.66	4.72	5.85	5.06	5.64	42.46
TOTALS	59.43	51.49	41.54	43.13	60.62	57.22	47.52	55.14	57.51	53.68	527.28

1937. March 1<sup>st</sup> Snow wall put round gauge.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

BRITISH RAINFALL ORGANIZATION, EXHIBITION ROAD, LONDON, S.W.7.

Station No. 3154 T.F.

41

## RAINFALL at Langsett Moor (Fiddlers Green) §

County of West Riding Yorkshire. Observer Sheffield Corporation W.W.

River Basin Ouse Dorn Y.

Type of Gauge Snowdon

Annual Average 16.57 in. based on 20 years obs. un-weighted. Period of average 1931-1955 Ref. S.

About 54 bits records - 22.3 1969.

File No. b60609/ab

Diameter	8"		081	816					5"		
Height	1' 6"			1		1' 2"		1' 1"			
Altitude	1493'			41							
Year	1941	1942	1943	1944	1945	1946	1947	1948	1950	1941-50 Means Totals	
January	5.12	(3.95)	7.40	8.50	(5.05)	7.21	(5.69)	13.36	3.70	3.90	62.88
February	(6.17)	(2.28)	4.47	2.82	6.81	8.86	(4.19)	(4.81)	3.29	8.86	52.62
March	6.71	(3.08)	2.43	1.24	1.83	2.65	(9.13)	2.17	2.17	3.29	34.70
April	4.05	2.53	3.55	3.72	3.23	2.26	4.95	3.05	5.23	8.40	37.97
May	3.85	4.37	3.14	4.06	4.10	3.25	4.26	2.45	3.36	3.88	36.39
June	1.90	1.30	3.50	3.12	4.12	4.98	3.77	6.31	1.21	2.28	32.49
July	2.51	5.42	2.70	3.36	1.90	5.68	2.54	2.24	4.68	3.04	34.07
August	6.77	5.59	6.20	4.76	3.73	5.24	.39	6.20	4.83	3.88	47.59
September	.82	4.04	4.93	6.46	3.19	7.60	2.56	3.07	2.70	7.98	43.35
October	5.57	7.82	2.90	5.60	8.33	2.40	1.68	3.64	5.21	2.86	46.01
November	4.43	2.06	4.69	8.57	1.10	11.28	7.43	2.46	9.24	7.41	58.49
December	3.31	4.44	3.08	5.69	3.57	4.77	6.40	4.91	10.15	2.42	48.60
TOTALS	51.51	(46.88)	48.99	57.90	46.96	66.18	52.99	54.79	55.77	54.87	536.84

1941 Feb. set up by observer.

1942 Jan. - March set up by observer.

40004

70004 20004

1945 Jan. 20th down snow for snowing observations

1947 Jan. Feb &amp; Mar. made for snowing observations

1948 Jan. gauge frosty and ground is not O.K.

1950 Aug. by shed w/w gauge &amp; fence sand, wall in fair condition.

1951 Jan. by hedge w/w gauge &amp; fence sand, wall in fair condition.

20004 70004

## § Turf wall round gauge

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

Station No. 31541 T.F.

## RAINFALL at Langsett Moor (Fiddlers Green) Black Moors. 41

County of West Riding, Yorkshire. Observer Sheffield Buxton, W.W.

River Basin: Don.

Type of Gauge: M.O. Standard (1946)

Annual Average H.Q. in. based on 7 years obs. un-weighted. Period of average 1931-1945. Ref. I.W.S.

About 56 ft. records. 2/2/3 1949.

File No. bb.0809/2b

Diameter	5"		081	814								
Height	1' 0"				1							
Altitude	1480				41							
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means	Total
January	(5.20)	3.94	7.52	8.22	(5.14)	7.26	(5.79)	12.18	3.68	4.08	64.01	
February	(6.33)	(2.34)	4.58	2.15	6.69	8.87	(4.27)	(4.83)	3.33	9.03	51.42	
March	(6.82)	(3.17)	2.28	.99	1.78	2.57	(9.29)	2.45	2.20	3.24	34.79	
April	3.61	2.52	3.41	3.79	3.13	2.26	5.49	2.92	5.33	8.17	37.63	
May	3.75	4.04	2.99	4.00	4.01	3.38	4.22	2.48	3.42	3.65	35.84	
June	1.88	1.35	3.43	3.16	4.08	5.05	3.85	6.50	1.21	2.87	32.88	
July	2.62	5.50	2.76	3.65	1.87	5.72	2.67	2.31	4.73	3.30	35.13	
August	6.74	5.39	5.89	4.74	3.75	5.33	.38	6.26	5.63	4.29	48.40	
September	.84	4.21	4.66	6.41	2.99	7.79	2.51	3.07	2.88	8.84	43.90	
October	5.74	7.01	2.98	5.63	8.37	2.42	1.72	3.67	5.40	2.76	45.70	
November	4.63	2.05	4.66	8.58	1.09	12.20	7.52	2.41	9.00	2.77	59.81	
December	2.86	4.53	3.00	5.76	3.39	4.95	6.24	4.98	10.39	2.67	48.76	
TOTALS	(60.9)	(46.05)	48.16	57.08	46.29	67.80	53.95	55.06	57.20	55.77	538.27	

1941 Jan, Feb & March est'd. by observer.  
1942 Feb & March est'd. by observer.  
1945 Jan est'd. by obs.

70004 30004

1947 Jan, Feb & Mar. want for snow by observer  
1-L.W.S. young series - found to be sound.  
7/50. gauge & fence sound.

70004 30004

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

Station No. 3154

Tr. 71

RAINFALL at Langsett Moor (Fiddlers Green)County of West Riding Yorks. Observer Sheffield Corp. M.W.River Basin Don - Don - 7Type of Gauge Cowden Bradford.

Annual Average 48.7 in. based on 20 years obs. un-weighted. Period of average 1881-1915 Ref. S.  
 " 56.01 " " 12 " " 1946-57 " " 1916-50 " B.  
 File No. 660609/20

Diameter	5"	5"	081	816								
Height	1' 0"	1' 0"			1							
Altitude	1492'	1493'			51	1492'						
Year	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means	
January	7.60	6.25	2.41	5.40	(3.80)	(7.49)	4.31	6.20	4.60	6.05		
February	6.35	2.00	2.80	(5.00)	(3.74)	2.00	5.10	(7.24)	.23	(3.60)		
March	6.75	2.78	3.20	4.12	4.54	2.50	4.31	3.51	3.10	2.40		
April	3.40	3.00	4.10	1.02	2.16	3.62	.64	1.47	5.90	3.21		
May	5.01	2.96	3.00	5.28	5.00	1.65	1.57	4.10	2.08	2.80		
June	1.16	2.95	5.55	3.57	4.36	4.30	1.30	5.65	2.00	2.13		
July	3.90	3.02	6.10	5.80	1.15	10.00	5.40	5.45	3.51	7.88		
August	6.90	3.20	4.90	7.83	1.10	11.60	7.45	4.10	.80	5.25		
September	3.80	6.55	3.55	5.80	2.25	5.35	7.10	4.90	.22	5.31		
October	1.52	7.59	3.30	8.34	3.95	3.65	4.53	3.58	3.79	9.51		
November	11.92	3.66	4.50	8.35	3.18	2.90	3.49	4.58	5.67	8.03		
December	8.49	4.20	2.83	9.86	7.46	6.47	6.53	5.15	9.81	7.31		
TOTALS	66.80	48.16	46.54	70.37	42.69	61.53	51.73	52.93	41.71	63.48		
	M	M	M	M	M	M	M	M	M	M		

1905 Inspected May 1958 by Fiddlers Green, satisfactory.  
 Inspected Nov 1958 by Sheffield Corporation Wld. satisfactory.  
 July II 1958 B.O.K. & source. Site over-sloped all directions. Turf-wire fence.  
 1957 no low. From Oct 1957, gauge leaking. To be replaced.  
 1958 no low. 2000460004 40004  
 1959 - no low. 20004 20004  
 1959 - no low. 20004

Position of Station on Ordnance One-Inch map : No. of Map 108 National Grid Reference SK 152979

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