

RAINFALL at Langsett Moor Border Hill

County of W.R. Yorkshire Observer S. L. M. Marsh Esq. C.E.

River Basin Ouse-Don 7

Sounding Rain Gauge, by Casella

M

Diameter ...	5											
Height	1.6											
Altitude ...	1148 ft											
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	1916-19 MEANS. Totals	
January ...	5.85	3.98	4.81	5.28	4.83	7.86	4.93	3.19	3.40	6.09	17.61	
February ...	5.60	6.27	2.56	1.85	2.06	5.54	7.81	.56	7.05	2.59	17.81	
March76	3.45	5.57	6.98	5.71	1.46	7.09	2.89	1.67	6.09	17.74	
April	3.79	2.96	1.63	4.54	1.75	1.87	3.49	2.66	1.36	2.35	9.86	
May	4.74	1.19	3.76	3.02	2.70	1.73	2.92	2.12	3.46	2.52	10.72	
June	3.66	4.13	4.26	2.69	4.45	.95	4.04	2.45	2.63	1.19	10.31	
July	4.56	.29	6.12	1.32	2.89	4.90	3.07	2.70	4.06	4.01	13.84	
August	5.88	4.29	8.21	1.67	2.62	4.53	2.94	8.18	1.98	3.62	16.72	
September ..	.44	3.16	2.35	2.20	3.24	.51	2.36	2.29	13.02	2.57	20.04	
October ...	3.64	4.17	4.21	4.80	2.89	2.08	7.38	7.22	4.08	3.83	22.51	
November ...	5.75	6.56	3.34	4.68	7.20	2.93	5.59	5.65	2.54	4.17	17.95	
December ...	9.32	8.05	7.87	4.77	8.85	9.87	4.64	2.36	9.69	8.01	24.70	
TOTALS ...	53.99	48.50	54.69	43.80	50.19	44.23	56.26	42.27	54.94	46.54	199.81	

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

RAINFALL at Langsett Moor Border Hill

County of W. R. Yorkshire

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

River Basin Ouse-Dow 7

S. H. Studley, CE (1924)

Cir. Bradford

Incorporated Rain Gauge, by Casella

5ft 25 ltrs.

no bottom to rain can. very battered from completely gone funnel being shapeless - rim has been off at least 2yrs.

Diameter ...	5"											
Height	1.6											
Altitude ...	1148											
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 Months	1920-30 Totals
January ...	7.52	8.36	6.07	4.89	3.01	5.98	5.82	3.89	12.64	1.72	7.71	67.61
February ...	5.16	3.7	5.60	8.79	1.22	7.12	4.18	2.17	4.81	1.44	1.97	40.83
March	3.86	4.39	3.11	3.48	1.58	2.11	2.28	5.29	3.17	.65	2.91	32.83
April	6.64	1.25	4.43	3.58	2.37	3.08	2.74	4.82	1.88	1.53	2.83	35.15
May	8.46	2.10	1.10	5.05	6.00	4.84	3.94	1.66	1.76	3.15	1.88	36.94
June	4.37	3.9	1.61	.91	1.92	.17	4.02	4.42	4.80	1.33	4.39	28.33
July	7.08	2.05	5.24	4.69	4.17	2.18	4.12	2.82	1.41	3.78	8.42	46.46
August	2.58	6.11	6.67	5.08	4.78	4.14	5.69	6.54	4.32	4.07	4.83	54.81
September...	1.73	1.50	4.86	4.50	4.64	4.04	2.74	6.64	.50	1.63	6.04	38.82
October....	2.19	2.70	1.16	4.36	6.64	5.53	5.07	5.59	5.62	6.18	6.84	51.68
November...	2.22	2.26	3.30	6.97	3.57	3.21	5.57	6.31	9.10	10.79	5.75	59.05
December...	4.65	7.40	5.70	3.71	5.35	6.12	2.62	2.52	3.86	12.92	3.47	58.32
TOTALS...	33.96	38.88	48.85	56.01	45.25	48.52	48.79	52.67	53.87	48.19	56.04	551.03

Inspected Ch. 26.9.22 newly at 1 ft. will be flooded immediately.

Perfect exposure, ridge rising level 200-300 yds W & rising to S level on N. & E.

XII/30 Inspection. G in fence 4' x 2' square, 3 horizontal bars 3" thick 7/12 posts. This will be made more open in due course

Exposure good

Recommendations:- G to be left as it is for 2 years then cover more open fence stronger ribs use. See green 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	Parish Church.	Distance from gauge

RAINFALL at Langsett Moor (Border Hill).

County of West Riding Observer Sheffield Corp. W.W.

River Basin Ouse-Dan-7.

Type of Gauge

Annual Average 46.9 in. based on 22 years obs. un-weighted. Period of average 1881-1915 Ref. 660609/26

Diameter	S.											1931-40 Means Totals
Height	1.80											
Altitude	1148.											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940		
January	5.22	5.51	4.28	4.92	3.24	5.51	6.71	7.11	6.79	4.55	53.84	
February	6.36	4.43	8.45	2.28	9.02	5.04	7.43	2.85	4.80	(3.59)	48.25	
March	2.26	2.98	2.93	4.72	2.71	4.35	4.41	1.70	3.70	3.88	31.84	
April	6.02	6.01	1.59	3.02	4.05	2.02	3.26	.65	2.69	3.87	33.18	
May	3.00	5.79	2.02	3.04	6.62	1.63	2.97	3.50	2.39	.90	25.80	
June	5.54	.87	2.93	1.91	5.13	4.99	1.79	4.23	2.85	.84	31.18	
July	5.24	4.62	3.91	2.85	2.81	4.09	3.01	4.29	6.43	4.28	44.05	
August	7.10	2.66	0.92	3.45	2.06	1.78	1.12	2.94	1.94	2.04	26.01	
September	5.79	3.80	1.96	3.27	7.32	6.15	1.87	2.71	2.31	4.89	39.57	
October	2.20	8.00	6.00	5.88	12.65	6.22	3.62	11.33	3.88	6.22	66.00	
November	6.04	4.53	2.47	3.14	8.74	8.37	2.53	6.88	9.17	9.50	61.77	
December	2.42	1.83	0.71	6.00	4.46	5.32	4.49	4.79	4.83	5.71	40.56	
TOTALS	55.19	47.03	38.17	42.48	62.31	58.47	43.21	53.08	52.40	49.77	499.11	

1940. Feb. part cold. by 10%.

1939. Nov. cold by ref. to 1940.
1.6.52Position 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

Station No. 3156 T.F.

RAINFALL at Langsett Moor (Borden Hill)

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

River Basin Once - Non - 1

Type of Gauge Snowdot

Annual Average 11.9 in. based on 20 years obs. un-weighted. Period of average 1881-1915 Ref. 5.

File No. bb0b09/ab

Diameter	5"		081	864							
Height	1' 0"			1							
Altitude	1148'			111							
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	
January	(4.80)	3.90	(7.15)	8.40	(4.82)	7.01	(5.43)	11.90	2.27	3.22	58.90
February	(5.63)	(1.71)	4.30	3.23	6.77	8.42	(4.00)	(4.43)	3.16	8.70	50.40
March	6.12	(2.91)	2.42	7.75	1.72	2.31	(8.71)	2.35	1.60	2.81	31.40
April	2.85	2.84	3.87	3.35	3.19	2.13	5.06	2.81	5.09	5.32	36.51
May	3.51	4.01	3.46	3.35	4.10	2.61	4.01	2.34	3.09	2.85	33.33
June	1.16	1.12	3.17	2.66	3.85	4.85	3.21	6.49	'89.	1.67	29.07
July	2.47	5.39	2.51	3.35	1.91	4.33	2.33	1.37	3.61	3.04	30.31
August	5.81	5.68	5.94	4.43	3.68	4.68	.41	5.73	3.44	3.69	43.39
September	.56	3.40	4.64	6.38	2.89	7.45	2.27	2.02	2.00	2.04	38.65
October	5.63	6.69	2.49	5.32	8.37	1.80	1.17	3.12	4.79.	2.67	42.05
November	4.63	1.66	4.24	8.80	7.4	10.45	7.51	2.11	8.75	7.25	56.14
December	2.99	3.95	2.83	5.07	3.51	4.78	6.02	4.61	10.40	2.31	46.47
TOTALS	(46.21)	(43.26)	47.02	55.03	45.55	60.82	50.13	49.28	49.09	50.17	496.62

1941 Jan 9 "at" oak'd. for observation 40004

7000470001

1942 Feb. & March cont'd. by observer.

1943 Jan 29 ob observer

1945 Jan. ex obs.

1947 Jan. Feb man. estimated for snow by observing

1.6.19 gauge tested and found to be sound.

5/60 Inspected S.W.W. gauge & face sound.

60004 30000-40000

Position of Station on reduced Ordnance Survey Map, | No. of Map..... Reference No.....
1 mile to 1 inch Series

