

# RAINFALL at Langsett Moor Midhope

10 31501

County of W. R. Yorkshire

Observer J. H. Taylor Esq. C.E.

River Basin Ouse-Don 7

Rain Gauge, by

Diameter ...	5								8		
Height .....	1 0										
Altitude ...	830 T										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	4.75	2.43	4.99	4.44	2.83	6.67	3.61	2.48	3.11	5.04	
February ...	5.41	5.38	2.17	1.39	3.01	5.44	5.92	.68	4.64	2.26	
March .....	1.02	1.84	4.74	5.52	4.46	.94	4.05	2.77	1.36	5.70	
April, .....	3.49	2.44	1.22	3.72	1.40	1.59	2.19	1.75	1.33	1.60	
May .....	4.23	.97	3.56	2.58	1.86	1.78	2.40	2.06	2.73	1.67	
June .....	3.65	3.41	3.87	1.40	3.69	1.35	2.54	1.86	1.23	.63	
July .....	3.25	.20	6.23	1.49	2.77	4.67	1.49	1.26	2.88	3.77	
August .....	4.06	3.28	7.02	1.41	1.86	3.81	1.89	5.47	1.08	3.17	
September ..	.26	2.32	1.92	2.61	2.67	.72	1.64	1.37	8.87	2.20	
October ...	3.02	3.74	3.70	4.39	2.72	1.93	5.50	4.65	2.26	2.90	
November ...	5.12	5.61	3.01	3.23	6.03	3.19	5.27	3.19	1.48	3.39	
December ...	6.51	7.26	6.21	3.37	7.98	9.04	3.72	2.31	5.48	5.70	
TOTALS ...	44.77	38.98	48.64	35.55	41.28	41.13	40.22	29.85	36.45	38.07	
	7	2	2		2	2	2	2	2	2	

Rejected from Survey: 6' too low.

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

RAINFALL at Langsett Moor MidhopeCounty of W. R. YorkshireObserver J. R. Fox Esq. C.E.River Basin Cuse-DoreBarnsley W. R. Df.

On Snowden Rain Gauge, by N+2 2698.  
funnel badly distorted &  
deducted side 1 after adjustment

8.00  
 7.91  
 8.00  
 7.98

Diameter ...	8	5									
Height .....	1	0									
Altitude ...	830										
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 Mean
January ...	5.19	7.50	4.43	3.54	2.83	6.40	4.54	3.15	10.20	1.96	6.42
February ...	3.76	3.8	4.27	6.63	1.48	6.34	3.04	1.33	6.09	5.0	1.20
March .....	2.71	3.58	2.91	2.83	1.34	1.57	2.44	3.80	5.28	3.6	3.68
April .....	5.39	1.39	4.28	2.25	2.47	3.70	2.12	3.69	1.85	1.58	3.64
May .....	3.86	1.57	1.15	4.73	4.88	3.91	3.00	1.47	1.99	2.38	1.97
June .....	2.27	2.7	1.57	0.89	1.88	1.3	2.92	3.97	5.87	1.10	2.77
July .....	4.65	1.39	3.94	3.43	3.75	1.95	3.01	2.61	0.90	2.26	6.68
August .....	1.41	5.37	6.25	3.40	3.52	3.00	3.63	4.98	2.91	2.90	2.92
September...	1.50	9.2	3.54	3.36	8.72	2.51	1.93	5.71	0.46	1.03	4.15
October .....	2.09	2.16	1.12	2.79	6.25	4.18	4.95	4.25	4.01	3.60	3.72
November...	1.61	2.17	2.38	7.41	2.96	2.49	4.78	4.79	7.35	6.95	4.18
December...	3.87	7.95	4.68	3.13	4.39	5.73	2.10	2.54	2.65	8.94	2.77
TOTALS...	38.3	134.65	40.52	44.39	39.47	41.91	38.46	42.29	45.60	33.56	44.10

Inspected C.B. J. in triangular walled enclosure. Walls 4 ft high 5 yds N, 5 yds S.,  
and 30 yds W. Beyond wall on S. land falls then 20 ft to level ground  
by Dec. on S. In circumstances a good site.

Rejected from Survey: 6' too low.

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 Langsett Moor (Midhope)County of West Riding Observer J. R. Fox, Esq., C.E.River Basin Ouse Don-7

Type of Gauge

Annual Average 3.7 in. based on 33 years obs. un-weighted. Period of average 1897-1915 Ref. 5

660870/26

Diameter	5.										
Height	1.0.										
Altitude	830.										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	3.59	4.03	3.48								
February	3.94	.52	5.21								
March	3.0	2.66	2.17								
April	4.26	5.03	0.99								
May	2.81	6.34	2.21								
June	4.23	.55	2.21								
July	3.75	3.80	1.93								
August	4.74	1.78	0.60								
September	3.59	2.01	1.97								
October	1.22	5.14	4.03								
November	4.65	3.31	1.73								
December	1.72	1.37	0.50								
TOTALS	38.80	36.54	27.03								

# standardized for 3150/1

Gauge over exposed.

1933

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

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



RAINFALL at Langett Moor (Midhope) nearCounty of West Riding Observer J.R. Fox Esq. C.E.River Basin 7- Ouse - Don W.G. Lees Esq. C.E. (1936)Type of Gauge M.O.Annual Average.....in. based on.....years obs. un-weighted. Period of average.....Ref.....  
C. 1932. 660870/26.

Diameter	5'											
Height	1' 0'											
Altitude	823'											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	
January		(4.50)	4.32	4.48	2.94	4.55	7.37	7.22	6.44	(3.70)		
February		(.75)	6.03	2.27	7.67	4.26	7.28	2.24	4.16	3.00		
March		3.57	2.80	4.68	2.03	3.71	3.78	.88	4.05	3.52		
April		5.66	1.43	3.36	3.38	2.04	2.85	.42	2.60	4.37		
May		6.87	2.32	2.17	.58	1.72	3.42	3.59	2.66	.92		
June		.67	2.53	1.41	3.42	4.66	1.39	3.33	3.06	.84		
July		4.25	2.75	2.18	1.58	3.95	2.62	4.96	6.47	3.95		
August		2.52	0.78	2.22	2.23	1.39	.84	2.80	2.26	1.04		
September		2.94	2.21	2.80	6.18	4.91	1.78	2.95	2.31	3.31		
October		7.17	5.58	4.55	10.60	4.89	3.95	10.00	3.98	5.85		
November		4.40	2.47	2.99	8.44	7.13	2.68	6.30	8.38	10.30		
December		1.87	0.89	5.84	4.29	5.00	3.99	4.87	4.37	5.05		
TOTALS		(45.27)	33.81	36.95	53.34	48.21	41.95	49.56	50.76	45.85		

1932. Bought new g. Feb. 1932. Jan &amp; Feb est.

1940 Jan. part est.

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
1932			Haylehead	4670 yds	36° W of N	Penistone	5170 yds	37° E of N.

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

Station No. 3150/1 T.F.

RAINFALL at Langeatt Moor (midhope) n.d.g.

41

County of West Riding Yorkshire Observer M. G. Lees, Esq. B.E.River Basin Cuse-DonType of Gauge M.A.O.Annual Average ..... in. based on ..... years obs. un-weighted. Period of average ..... Ref. E 11821/50File No. 660870/26

Diameter	5"			081	915						
Height	1' 0"				1						
Altitude	823'				41			830'		823'	
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	(4.21)	3.91	6.85	7.91	4.94	6.41	4.37	11.40	2.43	2.74	
February	4.72	1.48	3.81	2.87	5.63	7.03	(3.50)	4.17	3.20	8.20	
March	6.62	2.49	1.89	.76	1.35	2.10	(7.49)	1.96	1.45	2.16	
April	2.68	2.81	3.58	2.33	2.85	2.20	5.09	2.95	4.29	8.07	
May	3.11	4.69	3.58	3.72	4.39	3.00	3.16	2.03	2.96	2.78	
June	1.03	1.31	2.53	2.28	3.44	4.61	3.28	5.62	.66	1.17	
July	2.49	4.06	1.84	3.01	1.87	3.50	1.98	1.33	4.59	2.14	
August	4.53	5.03	3.95	3.85	3.66	4.24	.43	5.97	2.43	8.87	
September	.36	2.35	4.61	5.16	2.16	6.68	1.88	2.01	1.71	6.42	
October	6.68	4.75	2.52	4.93	7.52	1.78	1.14	2.31	4.73	2.00	
November	4.64	1.82	3.90	8.59	.65	10.28	5.84	1.71	7.80	7.10	
December	2.51	4.15	2.80	5.20	3.56	5.07	5.65	5.13	9.52	2.86	
TOTALS	42.48	38.85	41.86	51.27	42.02	56.90	43.81	46.59	45.77	44.88	

1941 Jan. cov'd for snow.  
 1947 Feb. max. wind for snow  
 1.6.49. gauge found to be sound.

40004

30004

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. 3150/1T.F. 75RAINFALL at Lingselt Moor (Bridhope)

51

County of West Riding - Yorks.Observer W. G. Lees Esq. C.E.River Basin Ouse - Don - 7Type of Gauge M.O. M.I.Annual Average 46.02 in. based on 22 years obs. un-weighted. Period of average 1916-52Ref. S.File No. E 1182/50 E 21555/57

Diameter ...	5'		081	915							
Height ...	1'0"			1							
Altitude ...	823'			51		830		930'			
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	4.96	6.29	1.44	4.08	3.45	6.73	3.38	5.13	5.11	7.71	
February ...	5.41	1.56	2.66	4.04	3.76	1.61	3.74	6.72	21	3.53	
March ...	5.97	2.49	2.95	3.14	3.70	2.22	2.97	3.25	2.09	3.10	
April ...	2.32	2.38	3.75	.64	1.37	3.44	.21	1.10	6.01	2.59	
May ...	4.59	2.65	2.72	4.73	5.02	.92	1.48	4.06	1.11	2.06	
June ...	1.08	2.16	3.51	2.26	3.49	4.39	1.04	5.30	2.33	1.47	
July ...	2.63	2.23	3.46	2.72	.98	8.06	3.18	5.30	2.77	4.78	
August ...	5.29	2.68	3.81	6.24	1.03	7.74	5.97	3.73	1.09	4.30	
September ...	2.91	4.52	2.42	4.11	1.26	4.01	5.26	4.96	.09	4.14	
October ...	.87	7.62	2.27	5.26	3.31	2.64	4.05	3.36	3.71	8.65	
November ...	1.07	2.63	3.29	8.79	2.70	2.13	3.21	1.22	6.03	6.52	
December ...	8.53	3.55	1.85	7.10	5.97	5.52	5.83	5.51	8.83	6.40	
TOTALS ...	55.58	40.76	34.13	53.71	36.04	49.41	40.32	49.62	39.38	55.25	
	D	D	D	D	D	D	D	D	D	D	

INSP. APR. 1958 J.B.O.K. good etc.

7173

Position of Station on Ordnance One-Inch map :

No. of Map 102National Grid Reference SK 217 994

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

Summary of Earlier Records from 10-year Sheets :

Record	1910-19	1920-30	1931-40	1941-50	1951-60
D, or d			BS	BS	
			C 1932	✓	
			✓ but - 32-37	✓	