

RAINFALL at Langsett Moor, Windermere

County of W.R. Yorkshire

Observer L. H. M. Marsh Esq. cl.

River Basin Ouse-Don 7

Snowdon Rain Gauge, by Casella

Diameter ...	8										
Height	16										
Altitude ...	1037 ft										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	4.39	1.97	5.12	5.21	3.55	7.81	4.36	3.19	3.56	5.97	
February ...	5.22	5.78	2.47	1.80	3.70	6.36	7.20	.62	6.31	2.25	
March	1.06	2.62	5.05	6.35	5.18	1.57	6.83	2.99	1.70	5.80	
April	3.75	3.12	1.32	4.19	1.87	1.87	2.72	2.65	1.63	1.86	
May	4.17	1.20	3.90	3.10	2.47	1.99	2.68	2.53	2.99	1.86	
June	3.65	4.04	4.26	1.81	4.38	1.23	3.48	2.26	2.01	1.10	
July	3.93	.43	6.69	1.46	3.29	4.95	2.51	2.15	3.47	3.89	
August	5.41	3.57	7.95	1.51	2.57	4.77	2.66	7.91	1.94	3.46	
September ..	.36	2.83	2.27	2.86	3.37	.63	2.16	2.32	11.31	2.81	
October ...	3.39	4.29	4.44	5.38	3.21	2.35	7.72	6.65	3.06	3.84	
November ...	5.02	5.51	3.37	4.56	7.24	3.74	5.86	4.60	2.26	3.60	
December ...	7.04	6.37	6.21	4.00	9.59	9.42	4.85	2.61	7.44	7.61	
TOTALS ...	47.39	43.73	53.05	42.23	50.42	46.69	52.52	40.38	47.68	43.55	

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

RAINFALL at Langsett Moor Swinden Lodge

County of W. R. Yorkshire

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

River Basin Ouse - Dow 7

S.H. Studley CE (1924)

Snowdon Rain Gauge, by Casella 8476

7.93 7.93

8.05 8.05

no bottom gauge can - to be repaired.

Stepperton.

Diameter ...	8										
Height	1	6									
Altitude ...	1037										
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930
January ...	6.68	7.04	5.40	4.57	2.93	6.92	5.82	3.52	11.61	1.77	7.32
February ...	4.01	2.28	4.90	8.61	1.28	6.39	3.60	1.71	5.82	1.44	0.99
March	3.46	3.65	2.79	3.32	1.55	1.71	1.76	4.74	3.92	1.46	2.96
April	6.69	1.23	4.88	3.58	2.49	4.02	2.55	4.64	1.95	1.84	3.12
May	5.08	1.94	1.28	4.94	3.69	4.62	3.66	1.48	1.78	2.90	2.41
June	3.40	1.31	2.18	0.94	1.98	1.11	3.71	4.52	4.17	1.14	3.76
July	6.79	1.63	4.68	3.92	4.31	1.84	4.19	3.05	1.23	3.46	8.65
August	2.23	5.38	6.67	4.49	4.28	3.98	4.38	6.14	3.89	3.48	4.62
September...	1.72	1.23	4.25	4.48	4.56	3.48	2.44	6.04	4.45	0.94	6.02
October.....	3.16	2.37	1.04	4.03	6.34	5.10	4.96	5.19	5.92	5.03	5.44
November...	2.18	2.51	3.15	7.11	3.29	2.97	6.11	6.18	7.86	9.34	5.52
December...	4.48	6.85	5.09	3.77	4.80	5.75	2.03	2.46	3.03	11.12	3.52
TOTALS...	49.88	34.42	16.31	32.78	43.52	45.89	45.21	49.67	51.63	41.92	54.30
	D	D	D	P	D	P	D	D	D	D	

Impacted CS. 26. q. 22. Quite a good site but not perfect. In nearly level meadows. Lands falls E.S. & S.E. with valley & hill beyond. Walls woods S. & W. at top of slight rise.

XII/30 G. Suspected. Good exposure except to S.

Recommended that it be moved. 115' N. New position would be ideal. 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 from gauge	Parish Church.	Distance from gauge	Direction from gauge

RAINFALL at Langsett Moor (Swinden Lodge) (+ A)

County of West Riding

Observer Sheffield Corp. W.W.

River Basin Ouse - Don - 7

Type of Gauge

Annual Average 45.2 in. based on 12 years obs. un-weighted. Period of average 1881-1945 Ref. S

660609/26

Diameter	8.										
Height	1.8										
Altitude	1037							1032	1032	1032	
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means Total
January	6.28	5.02	3.87	14.24	2.97	5.08	6.51	6.27	6.60	(4.22)	51.96
February	5.93	4.45	7.78	1.19	7.04	4.68	6.44	2.18	4.29	(3.28)	42.21
March	1.21	3.02	3.03	3.97	2.20	3.72	4.00	1.02	3.46	3.45	28.10
April	5.63	6.03	1.41	2.92	3.54	1.84	2.84	1.44	2.44	3.71	30.80
May	3.17	6.03	19.2	2.48	1.50	1.63	3.18	3.35	2.32	.86	25.44
June	5.19	8.65	2.74	1.43	1.14	4.64	1.47	3.59	2.66	1.73	27.44
July	4.85	4.44	3.11	2.45	1.80	3.75	2.97	3.89	6.48	3.38	37.12
August	6.90	2.70	0.75	2.94	2.03	1.40	1.92	2.80	1.99	1.49	23.92
September	5.53	3.62	2.00	3.01	6.52	3.40	1.98	2.55	2.04	3.64	36.29
October	2.10	7.65	5.40	4.67	10.30	5.06	3.91	10.10	3.81	5.82	58.82
November	5.87	4.38	2.53	2.86	7.87	7.27	2.64	6.17	8.89	9.58	58.26
December	2.38	1.76	0.61	5.64	4.21	4.19	3.96	4.80	4.40	4.62	36.57
TOTALS	54.04	46.65	35.15	36.80	53.12	48.86	40.82	47.18	49.38	44.73	456.93

Gauge moved Jan 1 1931 38 yds N. 1940. Tam & fib. bracketed.

1931 Wall 4½ ft high 39 yds N

" 4½ ft " 57 yds E

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	Direction
1931			Hazlehead	1½ m	NNE	Langsett	1½ m	ESE

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

Station No. 3156.T.F.

RAINFALL at Langsett Moor (Swinden Lodge) 3156

County of West Riding, Yorkshire. Observer Shelffield & Corp. W.W.

River Basin Class. Dens. 1

Type of Gauge Snowdon

Annual Average 14.2 in. based on 20 years obs. unweighted. Period of average 1881-1915 Ref. S.

File No. bba09/ab

Diameter	8'		081	871								
Height	1' 0"				1							
Altitude	1032				41							
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means	Total
January	4.55	3.69	6.45	8.09	4.47	6.32	(5.04)	11.02	2.18	2.88	54.69	
February	(5.25)	1.27	3.90	2.16	5.71	6.86	(3.71)	3.69	2.70	8.10	43.35	
March	5.79	2.63	1.92	.66	1.46	1.75	(8.09)	2.20	1.38	2.30	28.18	
April	2.80	2.52	3.18	3.10	2.89	1.96	4.81	2.96	4.40	4.93	33.55	
May	3.23	4.01	3.58	3.37	3.82	2.72	3.58	2.28	2.79	2.71	32.09	
June	.95	1.07	2.71	2.33	3.36	4.26	2.84	5.29	.67	1.43	24.91	
July	2.45	4.19	2.07	3.06	1.71	3.80	2.10	1.35	3.88	2.70	27.31	
August	5.25	5.37	4.82	4.04	3.34	4.46	.49	5.57	3.01	3.42	39.77	
September	.46	2.62	4.56	6.12	2.45	6.99	2.08	1.93	1.94	6.89	35.54	
October	4.91	4.88	2.36	5.22	7.19	1.86	1.20	3.09	4.48	2.28	37.44	
November	4.31	1.66	3.98	7.90	63	9.22	6.53	1.93	8.00	6.89	51.05	
December	2.38	3.70	2.79	4.51	3.46	4.54	5.48	4.74	8.79	2.16	42.55	
TOTALS	42.33	37.61	42.32	50.56	40.49	54.74	45.95	46.05	42.2	46.16	450.43	

1941 Feb. and d. by observer
1943 Autographic gauge moved to Oct. 3156/5

70004

1947 Jan.-Feb. mean with 1st snow by observer

1947 Jan.-Feb. mean with 1st snow by observer

1947 Jan.-Feb. mean slightly out of shape - new gauge to be fitted.

5/50 Repeated S.W.W. gauge and fence sound.

20004

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

Station No. 3156

71

51

RAINFALL at Langsett Moor (Lavender Lodge)

County of West Riding - Yorks.

Observer Shiffield Corp. M.W.

River Basin. Ouse - Don - 7

Type of Gauge. Snowdon 5187

Annual Average 44.0 in. based on 20 years obs. un-weighted. Period of average 1881-1915 Ref. S
 " " 46.53 " " 1947-57 " " 1916-50 S.
 File No. 66669/26

Diameter	8"	8"		081	871							Means
Height	1' 0"	1' 0"				1						Total
Altitude	1032'				51							
Year	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960		
January	4.42	(6.00)	1.87	3.77	(3.36)	6.64	3.45	5.39	(4.36)	6.37	45.63	
February	4.46	1.58	(2.68)	(3.75)	(3.38)	1.48	3.46	(6.41)	2.23	(3.11)	30.54	
March	5.93	2.19	3.21	2.25	3.13	2.30	3.13	3.07	2.10	2.80	30.71	
April	2.60	2.74	3.70	1.66	1.66	3.23	1.47	1.07	5.69	2.66	24.48	
May	4.40	2.52	2.68	4.80	3.91	1.25	1.51	4.01	1.17	2.14	28.39	
June	1.00	2.33	3.83	2.22	3.38	3.85	1.11	5.36	2.32	1.69	27.09	
July	3.00	2.34	4.59	3.62	.95	8.86	3.48	5.41	3.01	5.08	40.36	
August	5.80	2.79	3.98	5.50	.99	9.87	6.24	3.59	.92	4.60	44.28	
September	3.04	4.71	2.95	4.35	1.76	4.49	5.72	5.07	.22	4.25	36.56	
October	1.06	7.29	2.29	6.36	2.49	3.26	4.58	3.84	3.80	8.59	44.56	
November	11.32	2.61	3.69	8.07	2.91	2.17	3.25	1.25	5.96	6.21	47.44	
December	8.58	3.64	1.89	7.27	7.23	5.22	5.86	5.46	9.21	6.11	60.47	
TOTALS	55.61	40.74	37.36	53.24	36.15	52.62	42.26	49.93	38.99	53.61	460.51	
	D	D	D	D	d	D	D	D	D	D	D	

1952. D. R. A. M. V. R. Shiffield Corp. 1950; contingency
 1952. Jan est 10.30

1953. Feb. est. approx. 40.004 20004 20006 60004

1954 June info by engineer satisfactory
 Just S. 1952 180K. ft. round. Site over-topped most directions. Turf well rec.

Position of Station on Ordnance One-Inch map : No. of Map 102 National Grid Reference SE 149009

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

Summary of Earlier Records from 10-year Sheets :

Record D. or d		1910-19	1920-30	1931-40	1941-50	1951-60
		✓	✓	✓	✓	
		✓	✓	✓	✓	✓ but d + 7