

RAINFALL AT Wakefield W.W. Summit

Lat. Lon. County of Yorkshire W.R.

Snowdon Rain Gauge, by N.F. Observer C. Clennell Esq. C.E.

Air & barometer

per H. Rofe Esq.

Diameter ..									5		
Height	10								1.0		
Altitude ...	1290										
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	6.48	2.79	2.71	4.65	4.83	2.48	5.74	1.82	4.46	2.43	3.839
February ..	5.53	1.57	1.32	4.71	3.63	1.94	3.17	2.33	2.95	2.33	2.948
March	89	3.78	2.63	5.94	2.41	3.75	3.77	4.57	3.47	3.38	3.459
April	3.12	2.67	2.07	2.51	3.34	3.40	1.53	2.71	2.23	(3.28)	2.686
May	1.96	1.41	3.23	4.41	3.83	.69	3.45	3.49	2.72	2.58	2.777
June	5.39	2.10	1.69	1.57	1.30	2.69	2.49	7.66	2.48	2.52	2.939
July	3.04	2.12	3.34	4.29	1.58	2.92	2.74	3.12	4.32	7.19	3.466
August	6.05	2.77	4.27	5.88	5.39	6.11	4.85	4.57	4.62	3.16	4.767
September..	1.77	1.43	2.99	6.28	1.71	3.09	1.44	1.11	3.66	2.97	2.645
October....	6.52	3.53	5.52	10.71	2.36	3.87	7.23	6.96	2.93	6.60	5.623
November..	4.45	7.18	3.08	3.52	3.44	4.82	5.48	3.33	2.98	1.69	3.997
December ..	6.44	5.88	4.14	2.49	3.02	1.09	3.00	4.74	2.71	6.75	4.026
TOTALS ..	51.64	37.23	36.99	56.96	36.84	36.85	44.89	46.41	39.53	(44.88)	3.222

1900-07 Recd. 14.12.08.

Entered 17.12.08.

1909 ap. Corrected for loss by lamping

H.W.B.

RAINFALL at Soyland Moor SummitCounty of W.R. YorkshireObserver C. Clemens Smith Esq. C.E.River Basin Que. Aire - Calder SSnarcliffe Rain Gauge, by _____

weekly

Diameter ...	5										
Height	1.0										
Altitude ...	1290 T										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	4.80	2.16	4.27	4.05	4.77	7.81	3.79	1.88	2.43	4.16	
February ...	5.07	5.31	2.81	2.27	3.31	4.66	4.50	1.14	6.38	1.50	
March	1.14	2.28	5.57	6.14	5.35	1.66	3.39	2.35	2.14	4.56	
April	3.61	2.34	1.60	5.12	1.34	2.28	3.80	1.39	1.10	1.64	
May	3.12	1.65	4.22	3.84	1.70	2.98	2.96	2.08	2.87	2.58	
June	3.95	3.65	6.10	3.77	2.41	.58	2.90	2.55	1.44	2.37	
July	4.64	.41	5.00	1.35	5.09	5.55	2.87	2.30	5.06	1.91	
August	5.99	3.00	7.85	(1.96)	2.60	5.37	2.96	8.15	3.31	3.82	
September ..	.27	4.20	2.97	1.80	3.64	1.02	2.91	2.25	12.97	1.72	
October ...	4.14	3.80	5.56	2.50	2.45	2.31	9.02	7.78	3.58	2.86	
November ..	4.57	4.79	3.71	6.43	5.78	1.75	5.02	4.40	2.17	5.42	
December ...	5.18	6.17	6.17	3.98	6.24	7.98	3.17	1.70	9.47	7.63	
TOTALS ...	46.48	39.76	55.83	(43.21)	44.68	43.95	46.29	37.97	51.92	59.97	
	<u>imp D</u>							<u>imp 2</u>	<u>imp 2</u>	<u>W</u>	

1913 g. tampered. Aug. pt. lost.

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
			<u>Ripponden</u>					

RAINFALL at Soyland Moor Summit - (OLD G)County of N. B. YorkshireObserver E. Glenesha Smith Esq. C.E.River Basin Cuse-Aire CalderWakefield CatchmentCusla Bradford

2164

Rain Gauge, by

 Mean {
 502
 495
 493
 482

VV

Diameter ...	5"											
Height	2 0		1 0									
Altitude ...	1290					1280						
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 Mss.	
January ...	4.73	7.41	3.54	4.62	3.39	4.61	4.80	4.42	12.77	1.27	6.97	
February ...	4.04	6.3	5.84	6.89	1.65	7.32	4.49	2.36	6.01	7.4	6.3	
March	5.02	4.09	4.02	2.20	1.62	1.77	3.23	4.52	3.00	1.47	2.96	
April	6.39	1.44	3.24	3.97	2.14	3.09	1.83	3.58	1.09	1.38	3.36	
May	6.01	2.60	1.03	4.02	5.85	4.77	4.48	1.90	1.76	3.56	2.19	
June	3.82	3.6	3.15	1.23	3.42	1.8	2.86	4.18	6.89	1.55	2.63	
July	9.60	2.02	5.07	5.66	4.53	2.45	3.63	3.09	1.93	2.33	5.35	
August	2.12	6.14	5.40	4.01	3.84	4.56	4.85	8.87	5.13	6.07	7.95	
September...	2.77	1.78	4.86	5.48	5.41	4.12	4.44	6.57	7.4	2.00	4.96	
October	2.07	3.11	1.35	6.32	5.59	6.05	4.56	5.44	5.61	4.92	6.83	
November...	2.61	2.57	3.87	6.95	3.19	2.63	5.33	5.50	7.96	8.42	6.43	
December...	4.23	7.42	4.66	4.65	5.92	3.49	2.24	1.05	3.20	8.17	4.24	
TOTALS...	53.41	39.57	46.03	58.13	46.55	45.04	46.74	51.43	56.29	41.88	54.50	
	W	W	W	W	W	W	W	W	W	W	W	

Inspected C.E. 6. XII. 22. In 6 ft sq. iron nailed enclosure 4 ft high. Near summit of nearly flat moorland, low land being slightly higher 1 mile distant on S. and S.W. Outcrop over exposed.
 Water was found in both cans, the outer having a leak, which will be repaired.
 Suggested repairing leak, but otherwise leaving until new g. 4 mi. east has given relation. Otherwise, if not abundant both g. will be sunk to 1 ft + surrounded 8" ring wall 15" high.

Inspected 12.4.31 by Dr Glasspoole - 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	Direction
1920			Rishworth					

RAINFALL at Summit (No 2). NEW G.County of Yorkshire Observer Wakefield Corporation W.River Basin Ure - Aire - Calder & C. Clemeche Smith & CoSnowdon Rain Gauge, by _____

Diameter ...					- 5						
Height					- 11						
Altitude ...					1218						
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MEANS
January ...					3.66	5.15	5.97	5.28	14.24	1.58	7.47
February ...					1.26	8.00	5.11	2.56	7.83	.77	.83
March					1.79	2.23	11.41	5.36	5.47	1.72	3.33
April					2.35	3.57	2.10	4.00	1.23	1.61	3.89
May					6.54	5.24	4.92	2.04	1.81	4.05	2.10
June					3.60	.17	3.26	4.81	7.88	1.85	2.84
July					4.93	2.84	3.93	3.35	2.28	2.74	5.35
August					7.10	5.08	5.46	10.09	6.00	6.75	8.72
September...					5.92	4.65	4.78	7.07	.78	2.31	5.43
October					5.98	6.99	5.16	5.79	6.51	6.68	7.69
November...					3.50	2.90	6.53	6.18	8.90	9.19	7.32
December...					6.50	4.77	2.78	1.65	5.83	8.38	4.66
TOTALS...					53.13 W	51.59 W	54.49 W	58.18 W	64.76 W	47.59 W	59.63 W

Site inspected Oct 6.12.22. $\frac{1}{4}$ mile E. of old g. below ridge on a flat hill falling on E into valley. Land rises on SW, W, & N. Very good position.

Inspected 12.8.31 by Dr. Glasspoole — 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	Parish Church.	Distance from gauge	Direction
1925			Ripponden					

RAINFALL at Soyland Moor (Summit) No. 1.County of West RidingObserver C. Clemesha Smith, Esq., C.E.River Basin Ouse-Aire-Calder-8.

Type of Gauge

Annual Average 6 in. based on 30 years obs. un-weighted. Period of average 1881-1915. Ref S

666310/26

Diameter	5.										
Height	1.0.										
Altitude	1280.										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	6.29										
February	7.22										
March	8.8										
April	4.29										
May	3.58										
June	7.73										
July	5.17										
August	6.08										
September	3.80										
October	3.44										
November	3.94										
December	2.57										
TOTALS	60.09 #										

T at end of 1931 end, 35A.

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, EXHIBITION ROAD, LONDON, S.W.7.

RAINFALL at Soyland Moor (Summit) No. 2 East (1932)County of West Riding.Observer C. Clemesha Smith, Esq., C.E.River Basin Ouse-Aire-Calder-8.Wakefield Corp. W.W.

Type of Gauge.....

Annual Average ~~5.2~~ in. based on 14 years obs. un-weighted. Period of average 1881-1915 Ref. F. 105.
(1939) 52.9 14 666310/26

Diameter	5.										
Height	0.11										
Altitude	1218.										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	6.84	7.83	4.66	4.69	2.61	6.08	5.18	7.06	7.30	2.81	
February	7.87	5.0	5.13	5.9	8.27	3.36	7.18	2.92	6.59	2.43	
March	6.9	3.62	4.04	4.00	2.33	3.61	4.40	2.00	3.58	3.63	
April	4.62	5.56	2.42	3.20	4.43	1.75	3.44	1.89	2.97	3.68	
May	3.92	6.20	2.67	4.16	1.96	1.28	2.48	4.79	1.64	1.20	
June	6.99	1.29	3.10	2.96	5.69	5.40	3.59	6.11	4.08	1.07	
July	5.95	4.97	4.37	3.86	2.62	5.17	3.10	6.24	7.98	4.52	
August	6.30	2.10	2.06	4.33	2.45	3.46	3.06	5.50	3.15	3.01	
September	3.93	7.27	1.47	4.59	10.45	6.79	2.83	2.47	1.77	5.99	
October	3.52	9.93	5.83	6.43	11.29	6.72	2.74	12.33	2.94	5.94	
November	10.64	4.77	2.49	2.87	7.51	7.18	2.82	7.51	2.86	8.84	
December	3.38	3.44	0.62	7.28	4.00	5.64	3.38	7.95	4.00	5.25	
TOTALS	64.65	57.48	38.86	48.96	62.61	56.44	44.20	66.42	54.86	48.37	
	W	W	W	W	W	W	W	W	W	W	

1940 Jan. amended for miss by observer.

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

Station No. 3218 T.F.

RAINFALL at Soyland Moor (Summit) (East)

41

County of West Riding Observer Wakefield Bath: W.W.River Basin Ouse - Aire - Calder - 8

Type of Gauge.....

Annual Average 52.9 in. based on 4 years obs. un-weighted. Period of average 1881-1915 Ref. I.W.S.
1939File No. 666310/26

Diameter	5"											
Height	0' 11"											
Altitude	1218'											
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means	
January	3.50	6.02	6.78	9.25	5.16	6.02	3.75	10.40	3.13	3.44		
February	7.44	2.48	4.72	3.24	6.61	7.60	3.80	4.15	3.97	6.45		
March	6.20	3.37	2.00	.76	1.68	1.98	7.35	2.52	2.18	3.11		
April	3.36	3.01	3.56	3.85	3.40	2.21	5.12	2.39	4.84	4.00		
May	3.34	5.61	3.70	4.67	4.94	2.09	3.15	1.46	5.05	2.39		
June	1.30	1.62	5.19	4.04	6.01	4.92	3.47	5.44	.89	2.60		
July	2.48	5.09	4.20	5.17	2.55	5.23	3.34	2.61	2.76	4.83		
August	8.45	6.01	7.90	4.79	3.85	7.04	.47	5.53	3.29	6.08		
September	1.13	3.76	5.78	7.03	3.71	8.71	4.00	3.67	1.13	8.44		
October	6.88	8.14	3.52	5.22	7.26	1.31	1.34	3.23	5.97	2.86		
November	4.36	1.66	4.26	3.41	.85	9.15	8.74	2.37	6.89	6.20		
December	3.69	5.07	3.15	5.64	3.39	3.49	5.28	5.02	8.81	2.77		
TOTALS	52.13	51.84	54.76	63.07	49.41	60.25	49.81	49.29	48.91	53.16		

1943 Same 3 in high?

1948 Inner 2 outer cases repaired. Box fitted

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. 3218 T.S. 15RAINFALL at Logland Moor (Summit) East.

51

County of West Riding - YorksObserver Wakefield Lopham M.W.River Basin Don - Aire - Calder - S

Type of Gauge.....

Annual Average 52.9 in. based on 14 years obs. un-weighted. Period of average 1881-1915 Ref. I.W.SFile No. 666310/26

Diameter ...	5"										
Height ...	0' 11"										
Altitude ...	1218'										
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	5.37	4.40	1.85	4.03	3.65	6.01	5.15	4.55	4.53	5.10	
February ...	3.27	1.69	3.19	4.10	2.78	1.74	3.34	7.77	.77	(3.33)	
March ...	6.05	3.28	2.57	3.85	2.97	1.94	4.47	2.67	2.64	1.87	
April ...	2.63	3.79	3.47	.99	2.55	3.29	.62	1.42	4.55	3.05	
May ...	3.08	1.97	3.80	3.96	4.48	1.89	1.88	5.26	2.57	2.21	
June ...	1.56	4.05	3.16	4.11	3.68	3.99	2.64	6.31	2.66	2.03	
July ...	4.80	2.96	6.28	6.72	1.20	8.10	5.99	5.84	3.80	7.76	
August ...	6.26	5.11	5.38	7.44	1.69	12.09	7.65	6.67	.62	5.91	
September ...	3.17	4.11	3.75	7.19	3.28	4.95	6.33	6.28	.54	3.42	
October ...	1.54	5.60	2.64	9.82	3.05	3.31	7.29	5.34	4.85	5.36	
November ...	9.77	2.83	5.80	7.48	2.83	2.28	3.54	2.19	5.67	8.40	
December ...	8.72	4.06	2.10	8.48	7.10	5.15	6.43	5.34	8.06	4.67	
TOTALS ...	56.22 n.p. W.	43.85 n.p.	43.99 W	67.97 W	39.26 W	54.74 n.p. W	55.33 W	59.64 W n.p.	41.26 n.p.	53.11 W	

R51. n.p. G.O.

2/13. Improv. static old rusty gauge should be replaced by new copper gauge.

1952. gauge tested 9/52, sound. unable to account for low totals. n.p. low.

1954. W. Bleasdale note. Some shipped to SW-S. quality rather poor. 1956 n.p. low. Jan 6 Feb. approx. M.O3.

1957. fort. n.p.

1958 n.p. low

1959: - n.p. low

1960. Feb. partest. M.O3.

20004

An. av. 54.32 in. based on 28 yrs. obs. within 1924-49. Generally o/e. Period of obs. 1916-50

- Rejected

Position of Station on Ordnance One-Inch map:

No. of Map.....

National Grid Reference 34.192.17.9

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
		C 1924	✓	✓	