

## RAINFALL at

Bowland Forest Lower Satter

County of North Lancashire

Observer

J. T. Sanderson Esq

River Basin

Lune 4

Rain Gauge, by

Diameter ...							5				
Height .....							10				
Altitude ...							575				
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...							6.73	3.47	5.41	7.23	
February ...							5.39	3.42	7.64	1.41	
March .....							2.10	4.00	2.68	7.18	
April .....							4.64	2.87	1.87	2.69	
May .....							4.62	2.26	2.87	2.99	
June .....							3.73	3.31	1.46	2.28	
July .....							3.67	2.17	5.28	2.30	
August .....							4.69	5.71	5.13	5.40	
September...							3.94	6.12	10.56	4.20	
October ...							12.49	8.92	6.19	2.53	
November..							5.24	6.82	4.31	4.30	
December...							4.84	3.11	9.63	8.87	
TOTALS ...							62.08	52.18	62.73	51.38	

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
	54.4	2.36						

RAINFALL at Bowland Forest Lower StationCounty of N. LancashireObserver J. T. Sanderson Esq.River Basin Lune H.J. Atkinson

Rain Gauge, by \_\_\_\_\_

Diameter ...	5										
Height .....	1 0										
Altitude ...	575						572	575			
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	MEAN 1930
January ...	6.46	9.96	4.69	8.20	4.76	5.70	7.38	6.18	11.49	(2.19)	8.93
February ...	4.99	5.8	7.37	8.56	1.30	8.20	6.69	3.97	7.13	5.9	4.3
March .....	7.30	7.98	4.90	1.65	1.66	2.18	2.59	4.83	3.94	1.14	4.70
April .....	6.36	1.91	2.43	4.47	2.28	4.12	2.28	3.86	1.36	1.76	2.11
May .....	7.23	3.62	3.52	6.70	6.48	5.21	3.96	1.89	4.9	2.78	1.34
June .....	2.86	6.3	4.68	1.52	4.34	4.1	4.13	4.34	7.29	1.66	3.12
July .....	8.43	2.37	7.23	6.24	4.52	5.30	4.62	4.41	6.34	3.86	4.13
August .....	3.43	8.87	6.32	6.37	6.32	5.20	4.62	7.29	8.47	7.36	7.52
September...	2.78	3.54	5.59	7.25	6.71	4.48	5.74	(8.43)	2.56	3.72	2.97
October .....	1.70	3.73	1.19	11.51	6.72	6.80	4.59	5.70	7.96	8.97	9.83
November...	3.51	2.76	3.48	8.98	6.30	2.78	8.50	3.89	9.43	10.89	7.03
December...	5.17	10.87	7.51	5.59	9.69	(3.98)	1.72	(1.38)	3.23	11.25	6.09
TOTALS...	60.22	56.82	58.91	77.04	61.08	(54.56)	56.82	56.17	69.69	(56.42)	58.20

1925 Dec. cond by run. alone.

1927 Sept. &amp; Dec. adj. by maps.

17/1/32 Inspected by Mr. Cohen 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	54° 4'	2° 36'						

RAINFALL at Bowland Forest (Lower Salter)County of North LancashireObserver J. T. Sanderson, Esq.River Basin Lune - 4Norman P. Boyle, Esq. (1939)

Type of Gauge.....

Annual Average 52.8 in. based on 14 years obs. un-weighted. Period of average 1881-1915 Ref. 5

664608/26.

Diameter .....	5.											
Height .....	1.0.											
Altitude .....	572.											
Year .....	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	
January .....	6.87	7.59	6.24	7.68	2.43	6.03	5.38	9.40	(5.78)	(2.68)		
February .....	6.49	2.9	6.19	2.8	8.46	2.69	9.50	2.58	5.70	(1.98)		
March .....	(1.03)	4.70	3.90	3.13	1.89	2.87	1.25	2.20	2.57	4.35		
April .....	(3.43)	4.43	2.68	3.48	4.61	.77	3.36	1.11	(2.50)	2.11		
May .....	2.17	4.77	2.22	5.74	1.02	.79	1.96	4.74	1.88	3.67		
June .....	6.15	1.66	2.66	3.04	5.44	3.00	2.35	5.26	3.97	.43		
July .....	6.31	6.41	5.27	3.42	3.56	4.18	2.10	3.64	(6.20)	5.27		
August .....	2.99	2.12	3.06	6.59	2.78	3.02	2.14	5.10	2.65	2.77		
September .....	2.90	8.60	1.37	5.64	10.08	4.14	3.53	2.11	2.27	6.85		
October .....	3.97	8.57	5.62	9.84	10.38	6.46	1.95	13.28	(3.10)	7.85		
November .....	8.92	4.39	2.57	1.97	6.56	7.31	1.60	6.62	(9.10)	5.60		
December .....	4.98	4.27	0.71	8.21	2.17	8.47	1.85	6.86	2.20	4.20		
TOTALS .....	56.21	57.80	42.38	59.02	59.38	44.73	37.47	62.90	(47.92)	(47.82)		

1940 Jan + Feb estd.

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

Station No.

3945

RAINFALL at Bowland Forest (Lower Salter)

41

County of N. LancashireObserver Vernon P. Ryle Esq.River Basin Lune - 4The Lune Board of Conservators (1944)

Type of Gauge

Annual Average 52.3 in. based on 14 years obs. un-weighted. Period of average 1881-1915 Ref. SFile No. 584008/16

Diameter	5"										
Height	1'0"										
Altitude	572'							575			
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	(2.05)	(5.00)	6.75	7.30		6.70		9.50	4.01	4.00	
February	(6.05)	(1.75)	3.10	2.85		4.36		1.60	4.02	5.50	
March	3.65	(2.78)	1.50	2.85		2.15	8.30	3.75	1.40	2.05	
April	(1.40)	(2.50)	2.75	(3.50)		2.20	6.20	3.00	6.05	3.05	
May	2.92	3.52	2.40	3.45	5.10	2.10		2.05	2.08	1.05	
June	.25	1.70	2.55	6.70	5.50	4.55		6.01	1.20	3.05	
July	2.42	4.80	4.30	4.80	4.43	5.60		3.25	4.30	4.05	
August	7.10	7.25	5.40	5.75	1.22	10.90		6.00	3.25	7.25	
September	(.55)	7.50	4.15	4.30	5.45	6.90		5.18	3.03	8.04	
October	(7.87)	7.30	4.35	7.50	5.15	25		5.25	8.00	4.75	
November	2.64	1.85	4.11	7.65	1.32	10.30	6.23	4.06	8.00	6.00	
December	5.11	3.30	1.75	7.15	6.45	5.45	3.17	4.05	8.05	2.09	
TOTALS	(43.34)	(43.85)	43.11	64.40	inc	61.46	imp	53.70	53.69	50.88	#

1941 Jan 9 Feb exp'd. d. nearby stns. April, Sept. 9 Oct. est'd. d. nearby stns.

1942 n.p. too much estimation 64004

1943 n.p. about 10 in. snow

1944 April estimated

1945 Record incomplete - gauge broken from Jan - April. Readings unreliable

1946 n.p. unreliable

1947 n.p. imp. Note "Jan &amp; Feb gauge frozen. May-Oct gauge out of order - leaking."

1948 n.p. low and erratic

1949 Overhaul &amp; repairs to gauge carried out. - see encl. 95A in file

Position of Station on reduced Ordnance Survey Map,  
1 mile to 1 inch Scale

No. of Map

Reference No. 5D606636

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge.	Direction from gauge.
1950			<u>High Bentham</u>					
1920	54° 6' 2" 36'							

BRITISH RAINFALL ORGANIZATION