

RAINFALL at Sabden, Churn Blough ReservoirCounty of Central Lancashire

Observer

R. Ratcliffe

River Basin. Ribble & C.Tipping-bucket Rain Gauge, by M+Z.
record worthlessRibble 1

Diameter ...	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
Year	1910-	1911	1912	1913	1914					
January.....		4.05	4.20	3.60	1.60	5.40	1.85	3.75	1.97	
February ...		1.00	3.90	3.97	2.30	3.50	2.70	3.25	3.98	
March		3.10	6.30	1.80	3.48	3.10	3.80	3.75	2.40	
April		3.25	2.25	2.28	2.35	3.70	1.30	2.20	2.53	3.76
May		1.70	3.44	2.45	2.85	1.80	4.70	3.95	2.99	2.04
June		1.51	1.55	1.50	1.30	2.16	2.70	6.38	.90	2.20
July		1.93	3.34	3.35	1.75	2.10	1.96	2.20	4.34	6.11
August		2.60	3.20	4.66	4.90	3.90	3.35	4.35	4.52	3.10
September...		1.32	1.31	4.56	1.46	2.40	1.10	.90	4.20	2.48
October....		3.60	3.82	9.42	1.75	3.20	6.75	4.45	1.85	4.65
November...		6.81	2.87	2.47	3.04	4.90	4.95	2.40	3.70	1.85
December ...		6.45	3.98	2.15	3.05	1.85	4.10	5.10	2.66	6.10
TOTALS	31.84	47.24	31.85	31.39	42.90	40.28	38.44	40.64	

1901-05 entered 1.21 1905-1918 entered XII-20

per R. Ratcliffe

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

RAINFALL at Sabden, Churn Clough Reservoir

County of Central Lancashire

Observer P. Radcliffe Esq.

River Basin Ribble & L.

~~Taffyfield~~ Rain Gauge, by ~~Mer~~ until 8.1

Snowdon - Smaller No. 2 (17.12.20)

Diameter ...											5
Height											8
Altitude.....											840
Year	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January.....	6.35	6.3	4.20	4.63	3.66	6.52	4.15	2.25	3.33	4.10	4.11
February	4.67	4.20	5.2	1.95	2.10	5.76	4.70	.73	6.27	1.46	13.11
March	1.00	2.04	5.40	4.08	3.90	1.85	3.10	2.50	6.07	1.43	
April	3.80	1.30	93	5.83	.67	2.38	3.30	2.04	1.25	2.32	13.00
May	3.20	4.40	2.10	3.50	2.10	1.00	2.50	2.50	1.92	2.05	8.78
June	2.32	4.45	6.20	2.42	2.60	6.0	2.60	2.70	3.56	2.86	8.97
July	3.72	5.0	3.39	1.44	3.60	4.20	2.85	2.54	4.44	2.68	10.75
August	6.89	2.05	6.29	2.07	2.30	3.00	3.55	5.88	4.74	3.64	12.51
September...	2.22	4.00	2.25	1.89	2.06	85	2.60	2.54	3.18	12.81	18.16
October.....	1.90	2.85	4.27	1.77	1.74	1.83	8.88	7.79	7.08	2.98	21.42
November...	2.10	3.60	4.21	4.62	6.64	2.35	4.85	5.57	3.38	3.44	24.80
December ...	5.42	7.10	4.87	3.05	7.60	7.20	3.45	3.18	3.40	3.37	17.17
TOTALS ...	41.59	37.12	44.63	37.25	38.97	37.54	46.53	40.32	58.71	39.68	184.07

1917-18 card from Jan 21 R. Radcliffe 1905-1918 entered XII. 20 (recd. XII. 20)

Litho. C. & Co. Ltd.

Up to May 17 Langood site near house. Snowdon after V. 17 moved 24. NW 1918 200 yds E

+ 17.12.20 c.8. mulches exposed on S.W slope to be moved 1.1.20 to Observers' collap., very fair open level ground. Possibly slightly open to S.W.

50 ft lower

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
	53°50'30" 2°19'20"E		Padtham					

RAINFALL at Sabden Burn Clough Reservoir

County of E. Lancashire)

Observer R. Batcliff Esq C.E.

River Basin Ribble + c. 1

J. West, Eq. 6, E. ('26)
H. Knobell & C. ('29).
Water and Land

1921 Snowdon Rain Gauge, by N. S. J.
(1930) M.O.

Diameter ...	5-										
Height	0 - 8	1 - 0									
Altitude ...	840	790									
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930
January	4.42	3.14	4.49	5.65	3.64	3.60	4.19	5.29	1.90	2.23	6.51
February	4.12	5.4	5.42	5.35	1.38	6.83	5.06	1.86	6.31	1.06	.65
March	3.94	4.07	2.66	1.53	1.59	1.99	2.75	3.79	2.02	1.56	2.27
April	5.14	1.76	3.76	3.99	2.09	3.21	1.86	3.85	1.55	1.35	2.93
May	5.61	2.66	1.97	4.89	6.53	4.24	4.35	1.69	1.20	2.89	2.49
June	2.45	1.09	3.30	1.58	3.31	2.1	3.22	3.80	6.14	2.87	4.12
July	7.56	2.88	5.59	5.71	4.65	2.71	3.29	5.30	3.08	4.54	5.47
August	2.69	6.78	6.42	6.68	7.68	5.27	5.09	7.68	8.28	6.95	8.46
September	2.64	2.63	4.29	6.27	5.02	4.19	5.26	8.53	1.51	2.29	3.87
October	1.54	4.60	9.26	6.67	4.61	5.27	5.33	4.81	5.95	6.13	7.28
November	2.48	2.39	2.65	6.99	4.39	2.86	7.53	5.22	6.79	8.04	6.80
December ...	2.67	7.58	5.18	4.66	4.87	4.39	2.65	1.54	3.31	9.13	3.47
TOTALS...	45.26	45.12	46.65	59.46	49.76	44.27	50.58	53.36	58.90	48.54	54.32
	W	P	D	R	P	D	P	D	P	D	Y

1920 Gauge inspected C.S. 17.XII.20. See last sheet

Position of Station on reduced Ordnance Survey Map, 2 miles to 1 inch Series				No. of Map	Reference No.	
Date.	Lat. N.	Long. W.	Railway Station.	Distance from gauge	Parish Church.	Distance from gauge
1920	53° 55' 50"	2° 19' 20"	Padham	3½ mi S	Gabden	1½ mi S

RAINFALL at Saddington (Churn Clough Res.)

County of Central Lancashire

Observer H. Russell, Esq., C.E.

River Basin Ribble & C - 1.

Granville, Bury, Esq., C.E.

Type of Gauge M.G.

W.R.C. Houston, Esq. (1939)

Annual Average 41.2 in. based on 20 years obs, un-weighted. Period of average 1881-1915 Ref. S
705 29/1/26.

Diameter	5.											
Height	1.0											
Altitude	790											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	
January	6.52	5.74	3.09	4.84	2.66	3.11	4.01	5.62	5.67	1.86		Totals 43.42
February	6.68	2.9	6.05	4.8	7.66	2.25	6.01	2.23	4.34	3.51		39.10
March	7.1	3.22	3.27	2.34	1.65	2.60	2.13	2.11	2.43	3.31		23.77
April	2.92	3.26	1.70	3.78	2.95	1.21	3.41	1.20	2.62	3.16		26.21
May	2.45	5.76	2.38	4.08	1.32	1.28	2.65	3.61	1.78	1.18		26.39
June	7.46	1.45	1.78	2.89	3.86	5.45	3.60	4.90	4.38	.86		36.63
July	4.60	5.53	3.30	3.10	2.49	6.55	2.36	4.96	6.69	4.55		44.13
August	5.64	1.95	2.28	5.43	1.76	2.67	2.77	2.63	2.15	2.88		32.16
September	3.63	8.29	1.87	4.01	8.65	4.39	2.32	2.39	1.40	5.06		42.11
October	3.48	7.50	4.55	6.79	11.14	4.54	1.97	10.49	1.86	3.97		56.29
November	6.73	3.98	2.16	2.12	4.12	5.10	2.81	5.97	6.86	7.28		47.13
December	3.06	1.87	.82	5.80	3.08	5.35	2.32	5.35	4.66	5.73		38.04
TOTALS	52.78	48.84	33.25	45.66	51.34	44.80	36.86	52.46	45.04	43.35		455.38
	D.		47.68									

House 20' high 120' N

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			Padikem LMSR	5½ m.	S.	Saddington	½ m.	S.

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

Station No. 2983

RAINFALL at Salder (Church Clough Res.)

41

County of Central Lancashire

Observer

J. Harrison Esq. (M.I.C.E.)

River Basin Ribble + C - 1

Water Engineer, Preston

Type of Gauge M.D.

Annual Average 41.2 in. based on 20 years obs. un-weighted. Period of average 1881-1915 Ref. S

File No. 705291/26

Diameter	5"		575	330							
Height	1'0"				1						
Altitude	726				41						
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	.94	4.50	5.62	8.11	3.89	3.98	3.98	8.16	3.10	3.55	Total 45.83
February	5.61	1.77	2.84	3.60	4.54	7.34	.91	3.46	3.66	5.48	37.21
March	3.52	2.05	1.33	.88	1.89	1.37	8.48	2.55	1.85	2.16	26.08
April	2.39	1.48	2.74	3.00	2.55	1.64	3.72	2.76	5.01	3.25	28.54
May	2.91	2.22	2.34	4.41	3.82	1.08	2.22	1.12	2.84	1.77	24.76
June	4.6	1.78	4.88	3.50	4.61	3.30	3.32	5.51	1.08	3.75	32.19
July	1.73	6.92	4.39	3.93	3.58	5.06	3.61	2.64	3.07	4.25	39.18
August	6.28	5.72	8.66	3.51	2.53	7.84	.25	4.50	3.10	10.02	52.41
September	1.25	3.83	4.57	7.13	2.56	8.73	3.99	4.90	2.00	8.23	47.19
October	6.32	8.91	4.43	4.84	6.56	1.27	.90	3.40	4.69	4.09	45.41
November	3.03	1.65	4.17	7.57	.58	6.92	7.35	3.38	6.53	7.28	47.46
December	4.02	4.62	2.63	4.28	2.30	4.85	4.11	2.98	8.37	3.18	41.34
TOTALS	38.46	45.45	48.60	54.76	39.41	53.38	42.84	45.36	44.33	57.01	469.60
	D	D	D	D	D	D	D	D	D	D	469.60

1941 House 20' high 120' N.

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
1941			Padtham	3 1/2 m.	S.	Salder	1 1/2 m.	S.

Station No. 2983

51

RAINFALL at Sabden (Churn Clough Res.)

County of Central Lancashire

Observer Water Engineer, Padtham

River Basin Ribble & L-1

Type of Gauge

M.O.

Annual Average 41.2 in. based on 20 years obs. un-weighted?

Period of average 1881-1915

Ref. S

47.58 " " 35 " " 1916-1950

1916-1950 P

File No. 705291/26

Diameter ...	5"		575	330							
Height ...	1' 0"				1						
Altitude ...	490'				51						
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January	4.72	5.51	2.16	4.75	2.54	4.72	4.79	3.40	3.09	6.79	42.47
February	3.51	1.38	2.68	2.70	2.30	1.31	3.37	7.81	8.80	2.97	28.83
March	4.86	2.28	1.80	2.78	1.89	1.88	4.26	1.98	2.22	1.18	25.13
April	2.71	2.82	3.11	.97	2.90	3.24	.72	1.44	2.24	3.15	23.30
May	2.00	2.10	2.48	3.46	3.52	2.53	2.15	5.46	1.82	1.86	27.38
June	1.53	3.51	2.72	3.46	3.95	2.42	2.32	5.71	3.51	1.38	30.51
July	4.18	2.92	6.06	7.63	1.09	5.44	6.56	4.18	4.04	10.00	52.10
August	6.64	7.29	6.43	8.13	1.10	11.69	6.06	5.21	.67	6.35	59.57
September	4.18	4.89	4.69	6.61	3.17	4.59	7.19	5.25	.44	3.20	44.31
October	1.23	3.47	2.00	8.64	3.47	2.78	7.49	4.22	6.02	4.22	43.54
November	8.27	2.49	6.07	6.46	2.01	1.96	2.31	2.05	5.83	7.81	45.26
December	8.75	4.74	2.56	6.69	7.81	4.72	6.39	4.45	7.66	5.64	59.41
TOTALS ...	52.58	43.40	42.76	62.28	34.75	47.28	53.61	51.26	38.34	54.55	481.81
	D	D	D	D	d	D	D	D	D	D	

1951 House 20' high at 120' N

1955 Rain days 200 hrs.

1956 Feb 27th app'd over period 13th-27th

Position of Station on Ordnance One-Inch map : No. of Map National Grid Reference SD24786322

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Parish Church.	Distance from gauge
1951			Sabden	35 m. S.	Sabden	5 m. S.

Summary of Earlier Records from 10-year Sheets :

1916-1950, P - accepted

Record D, or d		1910-19	1920-30	1931-40	1941-50	1951-60
		✓	✓	✓	✓	
		-	D21-30	✓	✓	