

RAINFALL AT Stake House Grizedale <sup>Wake</sup>  
 Lat. .... Lon. .... County of Lancashire

Wyre &amp; S.

Rain Gauge, by

Observer

Diameter											MEANS.
Height											
Altitude		775									
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	
January		3.71	6.58	6.00	2.68	5.50	3.18	2.15	2.75		
February		3.00	3.45	3.35	3.90	1.57	2.75	.33	3.00		
March		4.03	1.27	4.03	4.32	4.23	2.61	3.30	3.15		
April		5.32	2.63	1.18	2.45	2.90	1.62	2.18	2.67		
May		2.86	2.43	2.70	2.20	6.28	2.26	1.50	3.85		
June		5.67	4.15	1.05	2.90	2.28	.57	2.50	1.60		
July		8.00	3.70	8.23	2.00	6.86	3.60	7.02	3.60		
August		7.78	5.25	3.55	2.73	2.95	2.70	2.52	3.85	6.50	
September		2.58	4.57	6.05	4.25	7.55	5.50	5.25	2.60	4.50	
October		3.08	4.57	5.92	3.65	5.15	7.05	2.90	3.25	5.60	
November		5.70	5.80	5.42	2.03	4.25	4.35	3.60	6.00	2.85	
December		5.05	3.55	2.94	5.25	1.83	4.52	3.30	4.49	4.60	
TOTALS		56.33	48.09	44.45	42.15	53.74	34.16	39.17	44.67		

## RAINFALL AT Stake House Grizedale Lake

Lat.

Len.

County of Lancashire

Rain Gauge, by

Observer

C. Arthur Eg

Wyre &amp; L. 5

Diameter .....										10	
Height .....										1.0	
Altitude .....	Gray										
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January .....	6.00	2.55	3.60	1.80	4.15	2.55	3.60	1.20	5.00	6.54	3.699
February .....	.55	.45	2.45	5.60	6.00	.37	2.15	3.60	3.80	3.04	2.801
March .....	5.20	1.20	.92	1.55	3.65	5.30	5.50	6.10	1.92	3.30	2.464
April.....	1.50	2.65	2.75	.55	2.10	2.75	2.25	3.11	3.60	5.17	2.643
May .....	2.65	2.28	6.05	2.25	3.00	1.00	.65	2.45	4.62	4.35	2.920
June .....	5.40	1.65	3.76	2.20	4.60	2.50	3.90	5.15	3.30	2.69	3.515
July .....	4.40	3.95	2.15	4.65	4.35	5.20	5.40	2.15	2.40	3.50	3.815
August .....	8.50	12.15	8.92	4.78	6.60	5.55	4.60	6.00	8.08	3.01	6.819
September....	4.80	7.20	6.42	6.25	.90	1.30	6.50	4.80	2.50	7.90	4.869
October.....	4.00	4.35	5.32	7.50	4.30	5.75	4.90	2.60	5.35	4.98	4.905
November....	6.20	5.45	4.05	2.80	4.90	3.70	1.30	6.30	6.50	4.30	11.600
December....	.65	8.15	3.00	4.60	4.70	4.25	6.72	6.20	5.84	4.62	4.873
TOTALS .....	49.85	52.03	49.39	44.53	49.25	40.22	47.97	49.66	52.91	53.40	48.921

Intake

RAINFALL AT Garstang Grizedale Stake House

Lat. .... Lon. .... County of Lancashire North

Rain Gauge, by Observer C. Arthur Eng. C.E.  
Wyns. 1 Hook Edge

Diameter ..	5										
Height ....	10										
Altitude ..	644										
Year ....	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	6.00	2.12	2.89	4.85	4.30	2.33	6.10	2.60	4.31	2.10	3.760
February ..	4.35	2.37	2.31	4.60	3.90	1.85	3.55	2.18	2.98	2.50	3.062
March ..	.98	3.75	3.55	4.37	3.43	3.00	3.68	4.70	3.43	3.49	3.438
April ..	3.48	2.68	1.84	2.25	3.27	3.28	1.81	1.91	2.80	4.14	2.746
May ..	2.45	1.20	3.70	3.82	2.95	1.09	5.55	4.06	3.16	2.62	3.060
June ..	3.45	2.14	1.23	1.68	1.69	2.06	3.52	8.95	2.55	3.06	5.033
July ..	3.27	1.23	6.00	4.67	4.00	3.08	2.50	4.64	4.65	7.73	11.077
August ..	7.46	3.85	3.35	7.17	4.33	5.58	3.92	6.71	5.37	3.92	51.66
September ..	2.34	1.85	1.50	7.00	1.89	3.57	1.55	1.12	6.20	2.88	2.990
October ..	7.32	4.95	4.94	9.97	3.35	3.81	7.50	5.10	2.21	6.90	5.605
November ..	4.86	5.04	2.99	4.33	3.58	5.32	3.60	5.13	4.25	2.17	41.27
December ..	6.16	5.80	4.60	3.60	4.20	1.05	3.75	5.47	4.00	8.75	47.38
TOTALS ..	52.12	36.98	37.90	58.34	40.89	36.02	47.03	52.57	45.91	50.26	458.02 45.54

H.W.

† Inspected: q. erected by CS.

RAINFALL at Constang Grizedale Intake (formerly Stake No.)County of North Lancashire

Observer

J Cook Esq clRiver Basin Wyre + C 5Snowdon Rain Gauge, by Pastorelli & R

Diameter ...	5													
Height .....	1 0													
Altitude ...	6444 ft													
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.			
January ...	5.48	1.30	4.60	4.64	4.36	5.78	4.15	2.92	3.95	6.15				
February ...	4.75	4.47	2.04	1.98	3.68	5.25	5.11	1.40	4.70	1.64				
March .....	93	2.06	7.30	5.03	5.03	Tempd wish	2.35	2.33	1.95	5.90				
April .....	2.65	3.04	.42	5.30	.95	3.36	3.59	2.10	.91	2.22				
May .....	2.24	1.43	2.03	3.10	2.95	2.76	3.79	2.08	2.10	(1.95)				
June .....	2.39	3.70	7.74	2.79		1.26	3.08	3.20	1.87	1.90				
July .....	7.45	.78	5.41	(.47)	5.49	4.98	4.32	2.45	4.75	2.03				
August .....	6.75	4.89	6.22	1.92	2.73	6.24	4.50	9.06	4.34	5.10				
September ..	.55	4.20	2.64	3.24	3.55	1.18	3.47	4.74	9.20	3.68				
October ...	3.25	5.39	4.93	3.09	1.94	2.12	9.40	8.41	4.75	(3.06)				
November ..	5.77	5.77	5.68	(.53)	6.21	2.34	4.44	14.82	2.80	2.25				
December ...	4.54	7.90	4.24	3.66	5.65	8.20	4.04	2.26	8.60	6.30				
TOTALS ...	46.75	44.93	53.65	36.05				52.24	45.77	49.92	(41.08)			

1910 Stake says this has been entered as Stake No but was never there & has always been at the intake on  
the stream or a small

1913 Tempd wish in July + Nov

1914 " " " June

1919. Gauge compared with Average of Barnacre No. 1 &amp; 2 Calder Intake taken in May &amp; Oct.

+ Inspected

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

**RAINFALL at Garstang, Grizedale Intake** No. 3

County of N. Lancashire

Observer J. Cook Esq. C.E.

River Basin Wyre & C 5-

Fylde Water Rd.

## Fylde Water Rd

Snowdon Rain Gauge, by Pastorelli & Rephael  
(so) M.O.

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

RAINFALL at Garsdale (Grizedale Intake)County of N. Lancs.Observer Fylde Water Board.River Basin 5-Wyre &c.Type of Gauge M.O. Standard (1937)Annual Average 46.6 in. based on 47 years obs. unweighted. Period of average 1881-1937 Ref. S  
697676/26.

Diameter	5"												
Height	1' 0"												
Altitude	644'												
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means		
January	5.16	4.70	3.25	4.45	2.30	4.55	3.00	5.15	5.40	1.83		Totals.	37.79
February	4.45	1.07	3.86	.20	5.50	2.65	6.48	1.65	3.80	1.78			30.44
March	1.48	2.88	2.56	2.94	1.23	3.03	1.75	1.22	2.46	3.90			22.39
April	3.13	3.20	2.55	2.92	2.93	1.92	3.30	1.40	2.90	3.25			25.56
May	2.84	5.49	2.73	4.00	1.25	1.58	2.40	4.00	1.60	1.70			27.59
June	7.60	1.63	3.01	2.43	5.87	4.28	2.65	7.40	3.96	.75			39.78
July	6.00	5.40	3.22	2.68	1.67	8.01	2.02	5.40	7.05	5.20			43.65
August	4.67	1.91	2.75	6.70	3.02	4.10	2.70	4.05	1.90	2.50			34.20
September	3.85	7.30	1.34	4.87	8.10	8.05	3.50	3.30	1.85	5.57			44.73
October	3.80	8.41	6.46	7.50	8.30	4.00	2.95	10.40	1.97	4.60			58.39
November	9.14	9.59	2.75	1.77	4.73	5.35	2.66	5.50	5.93	5.60			46.91
December	3.52	2.92	1.01	6.90	3.15	6.55	2.83	4.20	3.07	5.20			39.35
TOTALS	54.54	47.50	35.49	47.36	48.05	47.27	36.13	52.67	41.83	41.88			452.72

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			Garsdale	1m	SW	Garsdale	3m.	SE

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

Station No. 3062

## RAINFALL at Garstang (Grizedale Intake) 41

County of Lancashire Observer Fylde Water Board.

River Basin Wye &amp; C - 5

Type of Gauge M.O. Snowdon 1950

Annual Average 46.6 in. based on 45 years obs. un-weighted. Period of average 1881 - 1915 Ref. S.

File No. 697676/26

Diameter	'5'		578	000							
Height	'0"				1						
Altitude	644				U1						
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	1.95	4.51	7.55	5.72	3.65	4.80	3.50	8.40	2.90	3.10	Totals 46.68
February	6.00	1.50	2.45	1.67	5.25	4.25	.70	2.35	2.00	5.10	31.27
March	2.81	2.65	.98	.85	2.56	1.30	6.20	2.70	2.50	2.10	24.65
April	1.90	1.87	2.30	3.45	2.20	1.70	3.35	1.83	4.20	2.80	25.60
May	3.30	3.75	4.00	3.45	3.45	1.85	2.70	1.78	2.25	1.35	27.88
June	.55	1.25	3.40	4.75	5.16	3.30	3.25	6.00	1.35	3.50	32.51
July	2.00	4.80	5.35	4.65	3.50	6.60	5.20	3.43	5.10	5.30	45.93
August	5.65	5.35	8.20	3.10	1.87	7.45	.25	3.60	4.00	8.60	48.07
September	1.75	5.05	6.05	7.85	4.10	7.50	5.35	5.50	1.75	8.15	53.05
October	5.60	6.40	4.55	5.94	6.13	.50	.60	4.35	6.30	3.97	44.34
November	2.75	1.20	3.95	6.15	30	6.85	4.90	3.30	6.20	4.90	40.50
December	2.45	4.15	2.43	4.60	2.96	5.30	2.95	3.40	6.30	3.10	37.04
TOTALS	36.71	42.48	51.21	52.18	41.13	51.40	38.95	46.64	44.85	51.97	457.52

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
1941			Garstang & Latherall	4 m.	S.W.	Balder Vale	3 m. S.E.

Station No. 3062

51

## RAINFALL at Garstang (Grizedale Inlake)

County of N. Lancashire

Observer

Fylde Water Board

River Basin. Morecambe

Type of Gauge. Snowdon Bradford

Annual Average 46.6 in. based on 45 years obs. un-weighted. Period of average 1881-1915 Ref. S  
47.2+ " " 35 " " 1916-1950 1916-1950 P  
File No. 0971676/26 P  
= 6121156

Diameter ...	5"											
Height ...	1' 0"											
Altitude ...	644'											
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means	Total
January	5.00	5.20	2.08	5.00	2.65	5.00	4.45	4.85	3.44	5.70	43.37	
February	4.05	1.20	1.99	3.50	2.10	1.00	3.50	5.90	1.15	3.65	28.04	
March	5.85	3.00	.75	2.95	1.85	1.15	3.60	1.90	2.60	1.90	25.55	
April	2.50	3.75	3.41	1.00	2.90	2.50	.50	1.80	3.90	3.00	25.26	
May	2.46	2.60	2.85	3.25	3.75	2.75	2.65	5.99	2.30	3.10	31.70	
June	1.55	4.65	3.40	5.80	4.10	2.78	2.30	4.51	3.98	1.72	34.79	
July	4.00	2.25	5.20	8.10	1.42	4.50	5.90	3.90	5.57	2.80	48.64	
August	4.52	8.80	5.55	8.80	1.20	14.10	5.08	4.00	.37	6.77	58.89	
September	4.25	3.75	6.00	7.25	2.92	3.95	8.05	5.65	.47	4.10	46.39	
October	2.25	4.60	2.24	10.50	2.60	3.75	6.69	4.50	4.20	3.80	45.13	
November	8.90	2.08	5.20	7.00	2.55	1.90	1.75	2.05	6.40	8.80	46.63	
December	10.20	3.80	2.40	5.68	4.54	4.97	4.55	4.70	9.42	4.51	54.77	
TOTALS	55.53	45.68	41.07	60.53	32.58	48.35	49.02	49.75	43.80	54.85	489.16	
	M	M							M	M		

Position of Station on Ordnance One-Inch map :

No. of Map .....

National Grid Reference 5712541111 76

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Parish Church.	Distance from gauge
1951			Garstang & Bilsborrow	4m. SW	Calderdale	3m. S.E.

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
	10-12, 16-19 —	✓ —	✓ —	✓ —	✓ —