

Garstang,  
RAINFALL AT Calder Intake

Lat. \_\_\_\_\_ Lon. \_\_\_\_\_ County of Lancashire  
 Rain Gauge, by \_\_\_\_\_ Observer g. book E.O.Y.C.E.

Wyre 1

Diameter ...	5										
Height .....	10										
Altitude ...	632										
Year ...	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ...	1.95	2.95	4.57	1.27	2.58	5.95	2.65	4.35	2.60		
February ...	2.26	2.13	4.55	3.93	2.31	3.80	2.00	3.20	2.65		
March .....	3.75	3.11	4.40	3.40	3.40	4.12	5.08	3.24	3.48		
April .....	2.73	1.74	2.08	3.25	3.48	1.93	1.92	3.03	4.03		
May .....	1.15	3.74	3.67	3.00	1.05	5.59	4.04	3.08	2.70		
June .....	3.10	2.09	1.08	1.98	1.87	2.30	3.55	8.74	2.81	3.05	
July .....	3.59	1.14	5.05	4.87	4.03	3.53	2.80	4.41	5.29	8.40	
August .....	7.08	3.87	3.87	7.13	4.32	5.88	3.97	6.74	5.75	4.57	
September ..	2.42	1.78	1.72	6.72	2.08	4.07	1.63	1.28	6.77	3.36	
October ...	6.99	5.00	5.10	9.50	3.71	3.99	8.07	5.20	2.26	6.60	
November ...	4.57	4.87	2.61	4.32	3.98	5.13	3.85	5.03	4.66	2.67	
December ...	6.11	5.39	4.23	3.34	4.45	1.17	4.05	5.36	4.28	(8.74)	
TOTALS ...	35.98	37.13	57.13	42.29	38.89	49.31	52.45	48.72	(52.85)		

1900 (June-Dec.) 1911 recd. 20. II. 12. entd. 28. I. 12.  
 1909 Dec. g. tampered with 5.00 in. added for est. loss.

RAINFALL at Garstang Calder Intake

County of North Lancashire

Observer J. Cook Eq C.E.

River Basin Wyre + C 5

### *Rain Gauge bat*

Diameter ...	5										
Height .....	1.0										
Altitude ...	6327										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	5.45	1.41	3.94	4.25	4.38	6.00	4.00	3.03	3.68	5.40	
February ...	5.17	5.05	1.98	1.98	3.52	5.38	4.73	1.55	4.95	1.53	
March .....	.96	2.03	7.42	4.86	5.27	2.75	2.06	2.44	2.10	6.06	
April .....	3.00	3.24	.47	5.28	.81	3.12	3.21	2.08	1.11	2.24	
May .....	2.50	1.40	2.64	3.31	2.88	2.51	3.68	2.08	2.20	1.75	
June .....	1.67	4.73	8.20	2.82	2.28	1.30	3.19	3.35	2.24	2.08	
July .....	7.63	.96	5.68	1.56	5.43	4.82	4.55	2.54	4.90	2.09	
August .....	6.85	4.64	7.10	2.03	2.92	6.30	4.70	8.48	4.61	5.06	
September ..	.98	4.74	2.77	3.33	3.59	1.25	3.46	5.03	9.10	3.80	
October ...	3.46	5.00	5.50	2.47	2.09	1.96	9.30	8.26	5.00	3.15	
November ...	5.72	5.40	5.71	5.65	6.13	2.19	4.10	5.41	3.03	2.54	
December ...	4.33	7.58	4.29	3.61	5.74	8.25	3.90	2.44	9.20	6.52	
TOTALS ...	47.72	46.18	55.80	41.09	45.04	45.83	50.90	46.69	52.12	42.20	

## RAINFALL at Gavstäng, Calder Intake

No.4

County of N. Lancashire

Observer J. Cook Esq G.S.

River Basin Wyre & C 5

(1925) G. F. Atkinson Esq., C.E.  
Fylde Water Board.

M. O. Rain Gauge, by

Diameter ...	5-										
Height .....	1	0									
Altitude ...	632										
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	<del>1930</del> 1930
January ...	5.23	7.58	3.74	4.22	4.18	3.60	5.70	5.30	11.74	2.29	6.18 59.77
February ...	2.86	3.1	5.85	5.61	7.95	5.73	5.40	2.97	5.28	1.40	.35 36.71
March .....	4.90	4.70	2.29	1.60	1.67	1.78	1.51	4.20	3.70	1.44	3.16 30.78
April .....	5.65	1.92	2.34	3.53	1.73	2.98	1.82	2.15	1.75	2.20	2.71 28.80
May .....	6.76	3.35	2.10	3.80	5.56	4.95	3.33	1.76	.95	2.50	1.98 37.04
June .....	2.68	-55	3.24	1.36	3.57	74	4.00	4.76	9.29	2.05	2.01 34.25
July .....	6.40	1.85	7.28	5.45	4.21	3.75	5.24	5.45	5.10	5.04	4.55 54.35
August .....	2.73	7.67	5.78	7.02	8.53	6.82	3.90	9.00	7.71	7.20	8.48 74.40
September...	4.05	2.04	6.45	5.81	6.72	5.48	5.37	9.63	2.52	2.92	2.35 53.34
October.....	1.40	2.68	94	6.74	6.40	6.82	4.75	4.87	6.82	7.40	7.84 55.66
November...	2.25	2.93	360	7.65	2.80	2.77	7.80	6.22	7.78	8.08	6.08 57.96
December...	3.34	6.10	5.95	5.50	7.00	2.95	1.85	1.20	3.85	8.30	5.96 52.00
TOTALS...	48.25	41.68	49.56	58.66	52.34	47.37	50.67	57.51	66.49	50.68	51.65 575.06 1930

*Position of Station on reduced Ordnance Survey  
Map, 2 miles to 1 inch Series*

1 No. of Man

*Reference No.*

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge	Direction
1929.			Garsdale + Batterall	4m	S.W.	Calder Vale	3m	S.E.

### RAINFALL at Garstang (Calder Intake)

County of North Lancashire

Observer Fylde Water Board

River Basin. Wyre &c. -5.

Type of Gauge..... M.D. Sennarow (1937)

Annual Average 46.6 in. based on 29 years obs. un-weighted. Period of average 1881-1915 Ref. S

Ref. 5

697676/36

Diameter	5.										
Height	1.0.										
Altitude	632.										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	5.36	4.90	3.69	4.60	2.55	4.00	3.05	5.80	5.30	1.65	Totals 40.90
February	4.90	3.9	3.24	2.20	5.90	2.50	6.50	1.95	4.00	1.55	30.83
March	4.41	2.96	2.68	2.71	1.24	3.06	1.60	1.20	2.50	1.00	22.36
April	3.05	3.22	2.50	2.95	3.00	87	3.25	1.53	2.75	2.85	24.97
May	2.86	5.52	2.64	4.45	1.30	1.84	2.38	3.95	1.65	1.55	27.84
June	7.63	1.51	2.86	2.87	6.25	4.60	2.95	7.50	4.00	.90	40.77
July	6.10	5.52	3.55	2.70	1.56	5.02	2.40	5.55	7.28	5.35	45.03
August	5.23	1.67	2.75	6.60	3.35	4.10	3.00	4.07	2.30	2.53	35.60
September	3.75	7.60	1.25	4.70	8.30	5.11	3.60	3.35	1.80	5.65	45.11
October	3.85	8.78	6.57	7.95	7.95	4.05	2.80	10.60	1.92	4.75	59.22
November	9.48	3.83	2.57	1.90	4.75	5.25	2.53	5.90	1.05	5.80	43.08
December	3.89	3.16	1.04	6.60	3.20	5.85	2.75	4.43	3.11	5.30	37.33
TOTALS	56.51	48.76	35.34	47.93	49.35	45.45	36.71	54.93	42.66	41.88	460.02 W/13

*Position of Station on reduced Ordnance Survey Map,* } No. of Map.....  
 1 mile to 1 inch Series

*Reference No.*

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge	Direction
1931			Garsdale	4m.	SW	Calder Vale	3m	SE.

Station No. 3061

## RAINFALL at Garstang (Calder Intake)

41

County of North Lancashire Observer Fylde Water Board.

River Basin Wyre &amp; C - 5

Type of Gauge M.B. Snowdon

Annual Average 46.6 in. based on 29 years obs. un-weighted. Period of average 1881-1919 Ref. S

File No. 697076/26

Diameter	5"										
Height	1' 0"										
Altitude	632'										
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	1.60	4.85	7.45	5.80	3.80	5.60	3.46	8.35	2.95	3.00	Total/s. 46.86
February	6.82	1.30	2.80	1.72	5.15	4.75	.35	2.65	2.25	5.05	32.34
March	2.70	2.50	1.05	.83	2.61	1.25	6.80	3.25	2.25	2.25	25.49
April	1.85	1.90	2.25	3.50	2.30	1.55	3.75	1.85	4.75	2.80	26.50
May	3.85	3.59	3.80	2.90	3.63	1.70	2.55	1.75	2.35	1.33	26.95
June	.50	1.33	3.63	4.65	5.07	3.45	3.15	6.10	1.40	3.75	33.03
July	2.10	5.25	4.75	4.30	3.46	6.75	5.30	3.62	4.60	5.15	45.28
August	5.60	5.10	8.45	2.74	1.85	7.50	.25	4.00	4.20	8.80	48.49
September	1.65	4.95	5.75	7.40	4.20	7.35	5.45	5.60	1.52	8.32	52.19
October	5.63	6.38	4.60	5.95	6.15	.40	.60	4.45	6.52	4.10	44.78
November	2.70	1.15	3.85	5.98	.27	6.70	5.70	3.45	6.00	5.20	41.00
December	2.75	4.23	2.45	4.55	2.60	5.35	2.75	3.50	6.80	2.85	37.83
TOTALS	36.95	42.53	50.83	50.32	41.09	52.35	40.11	48.57	46.59	52.60	460.74 4266

1944 obst. reports gauge sound

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 & Butterdale	4 m.	S.W.	Calder Vale	3 m. S.E.

Station No. 3061

51

## RAINFALL at Garstang (Hawthorn Intake)

County of N. Lancashire

Observer Fylde Water Board

River Basin. Wyre &amp; L. S.

Type of Gauge. Standard Bradford

Annual Average 46.6 in. based on 29 years obs. un-weighted. Period of average 1881-1915 Ref. 5  
 48.22 " 35 " 1916-1950 1916-1950 P  
 File No. 697676/26 2971-156

Diameter ...	5"			578	082						
Height ...	1' 0"				1						
Altitude ...	632'				51						
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
											Total
January ...	5.20	4.40	2.50	5.40	2.70	4.10	4.85	4.60	3.37	5.20	42.32
February ...	4.10	1.40	1.99	3.75	1.90	72	3.85	5.85	1.25	3.55	28.36
March ...	5.81	3.20	.95	2.80	1.80	1.10	3.70	2.10	2.50	1.70	25.66
April ...	2.80	3.80	3.50	1.40	3.20	2.30	.55	1.90	3.75	3.01	26.21
May ...	2.15	2.50	2.70	2.20	4.20	2.90	2.80	5.95	2.20	2.40	31.00
June ...	1.65	4.80	3.50	6.12	3.95	3.15	2.10	4.24	4.29	1.65	35.45
July ...	4.65	2.48	6.60	8.30	1.45	3.80	5.70	3.80	5.55	8.35	50.68
August ...	4.57	8.60	5.35	7.85	.95	14.60	5.48	3.90	;56	6.63	58.49
September ...	4.01	3.85	6.04	9.20	2.90	4.00	8.70	6.25	.50	3.80	49.25
October ...	2.15	4.45	2.12	10.80	2.40	3.95	6.85	4.75	4.70	3.10	45.27
November ...	8.85	2.28	5.30	6.75	2.54	1.93	1.60	2.01	6.10	9.30	46.66
December ...	10.55	4.20	2.60	6.00	4.56	5.89	5.05	4.15	8.75	4.89	56.64
TOTALS ...	56.49	45.96	43.15	71.57	32.55	48.44	51.23	49.50	43.52	53.58	495.99
	M	M							M	M	

Position of Station on Ordnance One-Inch map :

No. of Map.....

National Grid Reference 9(3) Sheet 481

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge
1951			Garstang & Bottesford	4m.	SW	Baldersdale	3m. SE

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
		✓	✓	✓	✓	—