

## RAINFALL AT North Shields Billy Mill Res.

70

Lat.

Lon.

County of Northumberland.

Rain Gauge, by

Observer T. Milnes Favell

Diameter . . .											
Height . . .						5					
Altitude . . .						6			70	6	
Year . . .	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January . . .						2.34	40	2.30	1.95	.70	
February . . .						.73	2.35	1.38	.85	2.40	
March . . .						.57	1.29	2.13	.82	.70	
April . . .						.59	3.25	3.98	1.90	2.20	
May . . .						1.08	.80	2.59	2.45	2.24	
June . . .						1.11	1.96	.87	2.15	3.76	
July . . .						.5.74	2.37	2.80	.20	4.30	
August . . .						3.12	.85	6.80	5.80	3.59	
September . . .						2.98	2.62	1.45	1.65	.78	
October . . .						2.60	1.85	2.25	.60	.50	
November . . .						4.75	3.10	1.05	4.46	2.48	
December . . .						.90	4.51	2.05	3.20	.24	
TOTALS . . .						26.51	25.35	29.65	26.03	23.89	

Tynemouth church 1 mile N.W.

RAINFALL AT N. Shields, Billy Mill

80

Lat.

Lon.

County of

Northumberland

Rain Gauge, by

Observer

G.M. Farrell, Esq., C.E.

Tyne - Lower 3

Diameter .....	5										
Height .....	10			6							
Altitude .....	1997										
Year .....	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January .....	.51			1.17	2.14	1.28					
February .....	1.46			1.05	1.00	.60					
March .....	1.70			.90	1.54	1.27					
April .....	1.92			1.23	1.90	1.55					
May .....	1.30			1.39	.92	2.09					
June .....	.81			2.34	.88	1.64					
July .....	5.38			3.00	2.94	1.55					
August .....	1.38			3.66	.42	2.95					
September....	4.30			2.23	1.03	1.95					
October.....	4.10			1.33	.94	4.36					
November....	2.79			.95	1.20	1.70					
December....	3.47			1.30	1.30	.40					
TOTALS .....	29.12			20.55	16.21	21.33					

1881 Record imperfect

N.B. annual values projected from Survey Map, 1929.

Station No. 3566/5

## RAINFALL at NORTH SHIELDS (BULLY MILL RESERVOIR)

41

County of NEWCASTLE UPON TYNE

Observer C. F. T. LAMBRETTA B.S.A. M.C.C.

River Basin 3 - TRACE - LOWER

Type of Gauge



Annual Average.....in. based on.....years obs. un-weighted. Period of average.....Ref.....

File No. 273 787/33

Diameter		019	829							5"
Height			1							1' 0"
Altitude			41							1951
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950 Means
January										1.60 1.78
February										.46 3.20
March										.57 1.73
April										1.30 1.59
May										.77 1.80
June										.91 1.29
July										1.60 3.42
August										1.69 5.82
September										.56 3.11
October										2.31 1.05
November										2.81 5.03
December										2.30 2.71
TOTALS										15.88 31.53

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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		Parish Church.	Distance from gauge.
				Distance	Direction		

BRITISH RAINFALL ORGANIZATION

Station No. 3566/5

TF 62

## RAINFALL at North Shields (Billy Mill Reservoir)

County of Northumberland

Observer C. F. J. Lisle Esq. B.Sc. A.M.I.C.E.

River Basin Tyne - Lower - 3

Type of Gauge 1/2

Annual Average in. based on years obs. un-weighted. Period of average 1916-59  
 " 26.79 " " 9 " " 1949-57 " " File No. 273787/33

Diameter ...	5"	219	829								
Height ...	1' 0"			1							
Altitude ...	195'			51							
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	1.46	1.78	1.00	2.56	1.93	3.83	1.41	1.81	2.52	4.92	
February ...	1.83	1.68	1.26	2.02	2.16	1.42	2.29	3.01	1.54	1.89	
March ...	3.64	1.26	.06	1.10	1.76	0.57	1.42	3.51	.59	1.71	
April ...	1.96	1.78	2.08	.38	.93	1.01	.64	1.83	1.87	0.80	
May ...	3.69	2.37	2.16	2.92	1.78	0.42	1.86	2.96	1.44	2.24	
June ...	2.11	2.18	2.04	2.49	2.47	2.67	1.88	2.72	2.35	0.50	
July ...	1.63	88	3.04	1.71	.95	2.60	2.76	2.70	2.44	3.63	
August ...	4.20	2.08	3.68	6.50	.88	1.20	3.60	3.71	.52	4.19	
September ...	1.01	2.81	1.23	2.96	.86	2.46	3.95	2.04	.74	2.22	
October ...	.95	2.15	1.28	4.34	1.74	1.83	1.85	1.26	1.50	5.95	
November ...	5.84	3.87	1.14	3.43	1.47	1.82	1.11	.80	2.86	2.44	
December ...	1.97	3.02	.94	1.51	3.12	2.08	1.53	3.31	3.31	2.04	
TOTALS ...	30.28	24.86	19.91	30.92	20.05	26.61	24.30	29.66	19.68	32.53	
	D	D	D	D	D	D	D	D	D	D	

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Position of Station on Ordnance One-Inch map : No. of Map ..... National Grid Reference NZ (45) 341695

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance 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 1949 ✓	