

# 70

## RAINFALL AT North Shields Billy Mill Res.

Lat. .... Lon. .... County of Northumberland.  
 Rain Gauge, by ..... Observer J. Milnes Fawell

Diameter....						.5	.	.	.	.	
Height ....						.6	.	.	.70	.6	
Altitude ....						197 <sup>+</sup>	.	.	.	.	
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	

Lynemouth church 1 mile N.W.

# RAINFALL AT *N. Shields, Billy Millers*

80

Lat. \_\_\_\_\_

Lon. \_\_\_\_\_

County of \_\_\_\_\_

*Northumberland*

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

Observed \_\_\_\_\_

*J.M. Farrell, Esq., &c.*

*Lyne - lower 3*

Diameter ....	<i>5</i>										
Height .....	<i>10</i>			<i>6</i>							
Altitude ....	<i>197 ft</i>										
Year .....	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January ....	<i>.51</i>			<i>1.17</i>	<i>2.14</i>	<i>1.28</i>					
February ....	<i>1.46</i>			<i>1.05</i>	<i>1.00</i>	<i>.60</i>					
March .....	<i>1.70</i>			<i>.90</i>	<i>1.54</i>	<i>1.27</i>					
April .....	<i>1.92</i>			<i>1.23</i>	<i>1.90</i>	<i>1.55</i>					
May .....	<i>1.30</i>			<i>1.39</i>	<i>.92</i>	<i>2.09</i>					
June .....	<i>.81</i>			<i>2.34</i>	<i>.88</i>	<i>1.64</i>					
July .....	<i>5.38</i>			<i>3.00</i>	<i>2.94</i>	<i>1.55</i>					
August .....	<i>1.38</i>			<i>3.66</i>	<i>.42</i>	<i>2.95</i>					
September....	<i>4.30</i>			<i>2.23</i>	<i>1.03</i>	<i>1.95</i>					
October .....	<i>4.10</i>			<i>1.33</i>	<i>.94</i>	<i>4.35</i>					
November....	<i>2.79</i>			<i>.95</i>	<i>1.20</i>	<i>1.70</i>					
December ....	<i>3.47</i>			<i>1.30</i>	<i>1.30</i>	<i>4.04</i>					
TOTALS ....	<i>29.12</i>			<i>20.55</i>	<i>16.21</i>	<i>21.33</i>					

*1881 Record imperfect*

*N.B. annual values rejected from Survey Map, 1929.*

Station No. 3566/5**RAINFALL** at NORTH SHIELDS (BULLY MILE RESERVOIR)

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County of NORTHUMBRIA Observer C. F. J. LING, Esq. B.Sc. AMICERiver Basin 3 - TYNE - LOWERType of Gauge 12" H

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

File No. 273.787/33

Diameter ....				<u>019 829</u>						<u>5"</u>		
Height ....				<u>1</u>						<u>1' 0"</u>		
Altitude ....				<u>41</u>						<u>195'</u>		
Year ....	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means	
January ....									<u># .60</u>	<u>1.78</u>		
February ....									<u>.46</u>	<u>3.20</u>		
March ....									<u>.57</u>	<u>.73</u>		
April ....									<u>1.30</u>	<u>1.59</u>		
May ....									<u>.77</u>	<u>1.80</u>		
June ....									<u>.91</u>	<u>1.29</u>		
July ....									<u>1.60</u>	<u>3.42</u>		
August ....									<u>1.69</u>	<u>5.82</u>		
September ....									<u>.56</u>	<u>3.11</u>		
October ....									<u>2.31</u>	<u>1.05</u>		
November ....									<u>2.81</u>	<u>5.03</u>		
December ....									<u>2.30</u>	<u>2.71</u>		
TOTALS ....									<u>15.88</u>	<u>31.53</u>		

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Position of Station on reduced Ordnance Survey Map, 1 mile 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.	Direction from gauge.

BRITISH RAINFALL ORGANIZATION

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Station No.

3566/5

TF 62

RAINFALL at

North Shields (Billy Mill Reservoir)

51

County of

Northumberland

Observer

C. F. J. Lisle Esq. D.Sc. A.M.I.C.E.

River Basin

Tyne - Lower - 3

Type of Gauge



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

Ref.

" 26.79 " " 9 " " 1949-57 " " 1916-58

File No. 273727/33

Diameter ...	5"										
Height ...	1' 0"										
Altitude ...	195'										
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	1.45	1.78	1.00	2.56	1.93	3.53	1.41	1.81	2.52	4.92	
February ...	1.83	.68	1.26	2.02	2.16	1.42	2.29	3.01	.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	.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	4.20	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	1.93	1.85	1.26	1.50	5.95	
November ...	5.84	3.87	1.14	3.43	1.47	.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) 344695

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