

## RAINFALL AT Burnside (Newcastle W.L.S.)

Lat.

Lon.

County of Northumberland

Rain Gauge, by

Observer G. Smith Esq.

Coquet - 5.

A. Foster Esq.

Diameter ..						5				
Height ..						0 9				
Altitude ..						419				
Year ....	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909
										M.R.A.N.S.
January ..				2.60	1.50	.47	2.19	.47	1.51	1.19
February ..				1.85	2.32	.91	.74	.99	1.61	2.24
March ..				1.40	1.22	1.65	1.12	1.33	2.95	4.05
April ..				1.15	1.90	3.20	1.24	2.12	1.47	2.80
May ..				1.57	2.76	.80	3.89	3.38	2.11	1.73
June ..				2.35	1.82	.89	1.70	3.24	.84	2.14
July ..				4.35	1.42	1.57	2.04	1.62	3.12	2.27
August ..				2.81	2.18	3.48	4.85	2.29	1.65	2.69
September ..				2.75	1.82	1.66	.80	.51	2.13	1.81
October ..				7.65	.63	2.13	4.68	5.67	2.79	2.34
November ..				1.25	3.38	3.96	3.84	1.32	1.58	.54
December ..				1.90	1.58	.75	2.40	2.55	.99	3.59
TOTALS ..				31.63	22.03	21.47	29.49	25.49	22.73	27.39

RAINFALL at Burnside Newcastle W.W.

County of Northumberland

Observer A.L. Forster Esq. C.E.

River Basin Cochet + C 5

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

Diameter ...	5										
Height .....	0.9										
Altitude ...	419										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	1916-19 MEANS. TOTALS
January ...	2.25	1.50	2.70	3.08	2.15	2.37	1.64	3.38	2.44	3.57	11.04
February ...	2.43	1.28	2.36	.77	1.20	1.96	3.20	.96	1.23	1.94	7.13
March .....	.37	2.22	1.73	3.51	2.39	1.46	3.90	1.36	1.25	2.26	8.77
April .....	2.20	1.57	.21	2.68	.82	.60	1.16	2.46	1.43	1.70	6.75
May .....	1.90	.88	2.28	1.92	1.37	1.69	3.29	2.93	1.71	1.19	9.12
June .....	1.92	3.52	4.82	1.83	2.38	.51	1.80	1.37	.58	.93	4.68
July .....	3.05	.76	2.65	.81	2.08	2.98	2.90	1.17	3.66	1.67	9.40
August .....	3.22	2.74	5.42	1.70	2.12	2.35	3.53	5.90	1.59	2.72	13.74
September ..	.68	3.08	2.58	3.45	1.53	1.89	1.40	2.05	4.51	1.62	9.58
October ...	2.35	3.00	3.22	2.94	2.58	1.15	2.79	2.39	2.52	4.31	12.01
November ...	2.92	3.31	1.51	1.77	3.60	1.25	3.96	1.35	.91	4.50	10.72
December ...	1.84	2.68	2.17	1.08	4.93	5.05	3.15	2.48	3.85	2.71	12.19
TOTALS ...	25.13	26.54	31.65	25.54	27.25	23.26	32.72	27.80	25.68	28.93	115.13

## RAINFALL at Burnside Newcastle N.W.

County of Northumberland Observer A. L. Horster Esq C.E. (deed)

River Basin Coquet + c. 5 A Hardcastle CE (1921)

Snowdon Rain Gauge, by Casella 7773  
sound screen (x.16)

Diameter ...	5"	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930. MEANS.	1920-30 10" abs
Height .....	0.9												
Altitude ...	419												
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929			
January ...	2.88	4.15	3.15	1.08	2.09	1.86	1.99	1.51	2.90	1.87	3.01	27.17	
February ...	1.55	.09	2.56	3.30	.92	2.89	2.50	.69	1.72	.73	1.89	18.89	
March .....	2.57	1.24	1.39	1.25	1.16	2.40	1.44	2.43	2.44	.21	2.02	18.55	
April .....	3.16	.91	2.13	1.83	1.10	2.85	.92	2.07	.61	1.81	1.73	19.42	
May .....	3.61	1.55	.66	1.50	5.52	2.58	2.37	1.69	1.13	.87	1.19	22.67	
June .....	1.40	.67	1.40	.97	2.17	.28	5.15	4.03	4.39	1.51	1.05	23.02	
July .....	3.34	1.51	4.36	1.98	4.93	1.88	3.32	3.31	1.74	3.98	6.10	36.15	
August .....	2.18	0.51	1.95	4.57	2.65	3.57	2.46	5.52	3.91	2.93	6.15	42.40	
September...	1.62	1.64	3.95	1.90	2.50	4.30	3.32	4.30	.94	1.26	2.20	27.93	
October .....	1.73	2.29	1.09	2.03	3.14	2.05	3.28	1.85	2.85	2.17	2.63	24.91	
November...	1.34	2.07	.69	5.31	1.03	1.76	3.01	2.88	2.73	2.50	3.38	26.69	
December ...	4.25	2.15	3.72	2.15	2.36	4.22	.50	3.88	1.86	3.10	2.20	30.39	
TOTALS...	29.63	25.48	27.05	27.87	29.86	30.32	30.26	34.16	27.22	22.99	33.85	318.19	

Inspectd p. 7. 1X. 26. S. in Square fence 2yds side on grass land very flat all round. Fence 4 ft. high but quite open. Very good exposure.

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	Direction from gauge

## RAINFALL at Burnside (Newcastle W.W.)

County of Northumberland

Observer A. Hardcastle, Esq., C.E.

River Basin Coquet &amp; C. - E.

Newcastle S. Gatehead W.C.O. (1938)

Type of Gauge

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

66060526.

Diameter	5.											
Height	0.9.											
Altitude	419.											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	1931-40 Means	Total/2
January	1.70	1.05	1.24	1.58	2.51	3.55	2.40	1.57	4.47	1.54	2161	
February	1.40	.66	4.05	2.20	2.85	2.28	3.20	.80	1.24	1.67	1825	
March	1.05	2.05	1.03	3.47	.76	2.19	2.92	.52	3.22	3.00	2021	
April	2.78	1.66	1.37	3.56	2.87	1.43	2.04	.18	1.04	1.42	1825	
May	2.75	2.66	1.60	1.03	.74	1.64	2.85	2.52	1.18	1.32	1825	
June	4.07	1.22	1.90	2.48	2.36	2.49	2.18	3.23	2.20	.57	2270	
July	3.95	3.84	2.09	2.58	.65	2.65	1.95	1.90	2.56	7.02	2919	
August	5.65	2.45	1.75	3.09	3.03	2.48	2.27	2.03	2.55	1.06	2636	
September	1.13	3.69	1.44	1.51	3.20	3.40	2.55	1.50	1.38	1.75	2155	
October	1.18	4.27	3.83	3.54	4.67	1.95	2.15	4.20	6.02	2.64	3445	
November	2.50	1.14	3.35	2.97	3.60	3.00	.95	2.39	3.18	2.69	2577	
December	1.50	.87	.99	3.93	1.70	1.70	4.52	2.59	1.18	2.39	2137	
TOTALS	29.66	25.36	24.64	29.94	28.94	28.76	29.98	23.43	30.22	27.07	27800	✓

1940. Jan corrected for minn.

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 from gauge	Parish Church.	Distance from gauge

## RAINFALL at Birmmstide

County of Northumberland Observer Newcastle &amp; Gateshead W.C.O.

River Basin Coquet &amp;c = 5.

Type of Gauge M.O.

Annual Average 27.2 in. based on 25 years obs. un-weighted. Period of average 1881 - 1915 Ref. S.

File No. 660605/26

Diameter	5"		007	335		8		5"			
Height	6' 9"				1	1' 0"					
Altitude	419'				41	528					
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	1941-50 Means Totals
January	2.84	2.65	2.64	1.02 (4.34)	1.66	1.40	1.82	1.32	1.87	27.56	
February	4.35	1.22	1.51	1.79	1.72	.98 (2.88)	1.35	1.15	3.28	20.23	
March	3.04	.98	.81	.45	.43	1.61	3.11	.79	.69	.70	12.61
April	1.58	.83	1.20	1.65	1.82	.63	3.18	1.99	1.22	1.92	16.02
May	2.20	.83	2.79	1.75	3.88	1.85	2.10	1.62	.82	1.28	19.12
June	.39	1.20	1.89	2.67	2.57	2.24	3.75	3.32	.85	1.32	20.20
July	2.45	2.68	2.35	2.72	1.71	3.73	4.47	1.31	2.11	2.48	27.01
August	3.41	3.01	4.27	2.06	1.44	3.68	.23	5.02	2.24	3.43	29.07
September	.40	2.20	2.92	6.05	1.91	4.52	1.16	2.34	1.18	3.87	27.25
October	3.53	2.81	2.83	2.63	3.08	.81	.86	1.81	2.81	1.17	22.34
November	2.92	.44	2.11	6.13	.74	3.91	2.94	1.60	2.77	4.47	28.03
December	.47	2.16	.89	1.78	1.24	1.72	2.41	1.74	2.92	1.67	17.00
TOTALS	27.58	21.01	26.27	30.70	24.88	27.28	28.49	31.69	20.38	28.16	266.44

1945 Jan adj for snow.

1947 Feb. 1st.

1948 Lop off by Dr G Campbell 2/18. M. 5 in. C. no bottle. Very general site. Further report in C. 1

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

Station No. 3583

T.F. 50

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## RAINFALL at Burnside

County of Northumberland

Observer Newcastle &amp; Gateshead W.C.

River Basin Tees &amp; E. - S.

Type of Gauge H.D.

Annual Average 27.2 in. based on 25 years obs. un-weighted. Period of average 1881-1915 Ref. S  
 27.94 " " 35 " 1916-1950 1916-1950 P  
 File No. 660005726

Diameter ...	8"	007	335								
Height ...	1' 0"			1							
Altitude ...	419			51							
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means Total
January ...	1.39	2.22	.78	2.05	1.97	2.49	1.24	1.24	1.35	3.60	18.33
February ...	1.67	2.29	1.33	1.56	(2.40)	2.16	2.00	2.62	0.52	2.08	16.63
March ...	2.69	1.53	.37	.71	1.59	.73	1.50	2.29	0.61	2.21	14.23
April ...	1.62	1.43	2.31	1.42	.97	.73	.83	1.62	1.63	1.04	12.60
May ...	2.68	1.58	1.81	4.23	1.34	.42	1.84	3.37	0.22	2.13	19.62
June ...	1.34	1.63	2.18	1.64	1.97	4.75	1.46	3.46	1.69	0.43	20.55
July ...	1.45	2.44	2.07	2.17	1.73	1.89	3.67	4.44	1.57	4.24	25.67
August ...	5.47	2.50	4.28	5.47	.82	1.92	3.71	2.33	0.62	3.83	36.65
September ...	1.36	2.90	2.44	3.94	1.32	2.38	3.11	2.73	0.74	1.70	22.62
October ...	.80	2.65	1.10	5.47	1.27	1.05	2.06	1.60	1.96	5.71	24.67
November ...	6.44	3.10	1.46	2.63	1.00	.56	1.58	.86	3.66	3.22	24.51
December ...	1.46	2.50	1.18	1.96	3.34	1.31	1.46	3.22	3.69	2.37	22.49
TOTALS ...	28.37	24.77	21.31	32.25	19.72	27.29	24.46	29.78	18.06	32.56	258.57
	M	M			M	M	M	M	M	M	10

1955 Feb. (Mar.) part est. M. o. 31s. eng. agreed. 20004

Position of Station on Ordnance One-Inch map : No. of Map ..... National Grid Reference 1745045717

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

Summary of Earlier Records from 10-year Sheets :

1916-1950, P - accepted

Record D, or d	C 1903	1910-19	1920-30	1931-40	1941-50	1951-60
		V	✓	✓	✓	✓
		-	-	but 31-37		