

RAINFALL AT Newcastle Gateshead, W.W. Hollington Chorial

Lat. Lon. County of Durham

Rain Gauge, by Observer J. Smith Esq.

N. Tyne - ft. at Forsterby cl.

Diameter ..							5			
Height ..							1 2			
Altitude ..							576			
Year ..	1900	1901	1902	1903	1904	1905	1906	1907	1908	MEANS.
January ..				3.01	1.58	.53	2.58	.76	1.74	1.11
February ..				2.42	2.14	.71	.98	1.16	1.08	2.67
March ..				1.55	1.53	1.91	1.30	1.12	3.85	4.26
April ..				1.07	1.80	4.11	.95	1.92	1.57	3.20
May ..				1.86	2.53	1.09	3.49	3.41	2.61	1.78
June ..				2.01	1.93	1.10	1.71	3.85	.34	2.12
July ..				4.53	2.25	1.52	2.01	1.25	2.84	2.65
August ..				2.65	2.85	4.04	4.68	2.72	2.19	2.35
September ..				3.22	1.19	1.76	1.01	.63	2.65	1.60
October ..				7.43	.85	2.28	4.39	6.04	2.81	2.74
November ..				1.49	2.19	4.40	3.98	1.71	1.36	.46
December ..				2.12	2.04	1.15	1.27	2.96	.94	3.60
TOTALS ..				33.36	22.88	24.60	28.35	27.53	23.98	28.59

RAINFALL at Hallington Cheviot Newcastle W.W.

County of Northumberland

Observer A. Forster Esq. cl.

River Basin North Tyne 4

Rain Gauge, by

Diameter ...	5											
Height	12											
Altitude ...	576											
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	1916-19 Means. Totals	
January ...	1.60	1.46	2.13	2.50	1.78	2.24	2.09	2.62	2.50	4.00	11.21	
February ...	2.30	1.61	2.25	.65	1.60	2.30	3.23	.88	1.67	1.65	4.43	
March29	2.33	1.73	3.48	2.75	1.21	3.04	1.41	1.27	1.88	7.60	
April	1.87	1.59	.17	2.31	.76	.69	1.36	1.96	.94	1.35	5.61	
May	2.08	.68	2.00	2.28	1.20	1.82	3.16	2.35	1.90	1.09	8.50	
June	1.28	4.17	3.85	2.23	3.49	.66	1.97	1.17	.49	.91	4.54	
July	4.10	.55	2.91	.76	2.59	4.27	3.29	1.35	3.68	2.12	10.42	
August	3.64	2.40	5.63	1.90	2.47	3.47	3.52	6.33	2.08	2.62	14.55	
September ..	.69	2.03	2.58	2.36	1.08	1.74	1.49	2.16	4.58	1.69	9.92	
October ...	2.00	3.90	2.98	3.28	3.06	1.44	3.96	2.33	2.85	4.65	13.79	
November ...	3.34	3.47	1.79	1.71	3.91	1.42	4.98	1.39	.90	4.84	11.51	
December ...	1.92	3.00	2.56	1.28	5.66	4.88	3.18	1.56	2.38	3.35	10.47	
TOTALS ...	25.11	27.19	30.58	24.77	30.35	26.13	35.25	25.51	25.24	29.55	115.55	

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

RAINFALL at Hallington Cheviot Newcastle 20.20.

County of Northumberland

Observer A. L. Gorster Esq. C.E. (dead)

River Basin North Tyne +

A. Hardcastle CE (1921)

4 side Bradford Rain Gauge, by gal. iron no bottom to water can { IX.26 measure correct IX.26

Inspected 9/3. 7 X 1/2. Square fence found gauge about 3 yds side. on grassland. Exposure to N - slight slope down & all beyond

S - fairly flat for 20 yds then sloped down
W + slight slope down then considerably

good shelter, well in distance.

5. Somewhat recessed. E - good shelter, wall in distance.
Recommend banking up or outside offence to level of mouth of
gully.

RAINFALL at Hallington (Cheviot) (N'cle W.W.)

County of Northumberland

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

River Basin North Tyne - 4.

Newcastle & Gateshead W.C.O. (1938)

Type of Gauge

Annual Average 22.5 in. based on 25 years obs. un-weighted. Period of average 1881-1915 Ref. S

660605/26

Diameter	5.											1931-40 Means Totals
Height	1.2.											
Altitude	576.											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940		
January	1.65	1.44	1.28	1.83	2.14	4.24	3.00	1.90	5.66	1.67	2481	
February	1.55	.47	4.04	.26	2.96	2.64	3.39	.84	1.45	1.87	1947	
March	1.57	2.35	.88	4.03	.98	2.01	3.74	.75	3.73	3.39	2343	
April	3.23	2.08	1.42	3.66	2.70	1.30	2.17	.10	1.22	.94	1882	
May	3.01	2.69	1.52	1.20	.63	1.66	2.48	2.38	.92	.84	1723	
June	4.48	1.85	2.29	2.35	2.47	2.10	1.71	3.19	2.25	.73	2292	
July	4.22	2.88	2.63	3.30	.66	3.20	2.67	2.61	2.88	5.82	3087	
August	3.98	1.95	1.71	3.50	2.56	2.01	2.30	2.31	2.14	1.16	2362	
September	1.10	3.83	1.64	1.92	3.23	4.40	3.14	1.58	1.31	1.92	2407	
October	1.20	4.45	3.42	4.04	4.74	2.43	2.58	4.80	6.27	2.91	3684	
November	3.12	1.12	3.46	3.40	3.79	3.37	1.13	2.52	3.40	3.31	2862	
December	1.22	1.84	.99	4.20	1.88	2.19	4.61	3.60	1.36	2.52	2391	
TOTALS	30.33	25.85	25.28	33.69	28.74	31.55	32.92	26.68	32.59	27.08	29461	V3P
						M	M			M		

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

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

Station No. T.F. 3575

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RAINFALL at Houghton (Cheviot)

County of Northumberland Observer Newcastle & Gateshead W.C.

River Basin North Tyne

Type of Gauge.

Annual Average 27.8 in. based on 25 years obs. un-weighted. Period of average 1881-1915 Ref. S

Altitude 1530 feet by 3½ inches

File No. 660605/26

Diameter	5"		012	734									
Height	1' 2"			1									
Altitude	576			11									
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	1941-50 Means	1941-50 T.O.S.	
January	4.47	3.29	2.78	1.30	4.87	2.01	1.59	8.04	1.57	1.91	31.83		
February	6.10	1.59	1.57	1.52	1.94	1.61	2.98	1.61	1.24	3.89	23.05		
March	2.76	1.03	.81	.37	.33	1.47	4.17	.80	.71	.99	13.49		
April	1.55	.96	1.14	1.89	1.68	.53	3.54	1.58	1.26	1.97	16.10		
May	2.18	1.17	3.42	2.33	3.77	1.78	2.08	1.81	.94	1.53	21.06		
June	.46	1.00	2.22	2.22	2.73	1.97	3.19	3.21	.86	2.49	20.35		
July	1.43	2.83	2.07	2.18	1.64	3.19	3.94	1.14	2.26	3.56	24.24		
August	3.70	2.86	4.26	2.14	.97	3.59	.19	4.20	2.38	4.48	28.75		
September	.50	2.46	2.49	6.48	1.54	3.58	1.32	3.26	1.95	3.84	27.42		
October	3.63	2.74	3.05	2.93	3.03	.53	.82	1.55	3.09	1.80	23.17		
November	2.86	.43	1.75	6.66	.67	4.38	3.10	2.28	3.69	4.94	30.46		
December	.58	1.94	1.12	1.59	1.49	1.63	3.03	1.97	3.83	2.18	19.36		
TOTALS	30.22	22.34	26.67	31.61	24.66	25.27	29.95	31.45	23.83	33.58	279.58		
	n	m	m	m	m	m	m	m	m	m	m		

1941. July Aug & Sept. adjusted by observer.

1948. Interpol by Dr. G. Campbell 2/18. C. runs fortnightly. Turf well essential. Surplus report in Q.F.

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. 3575 71² SDRAINFALL at Hallington (Cheviot)County of NorthumberlandObserver Newcastle & Gateshead N.B.River Basin North Tyne - 14

Type of Gauge.

Annual Average 27.8 in. based on 25 years obs. un-weighted. Period of average 1881-1915 Ref. S
 av. book 28.82, 3rd m 95 " 28 1916-1950
 File No. 660605/26

Diameter	<u>6"</u>	<u>012</u>	<u>734</u>								
Height	<u>1' 2"</u>			<u>1</u>							
Altitude	<u>576'</u>			<u>51</u>							
Year	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January	1.93	3.28	73	2.56	2.52	3.16	1.98	1.68	1.71	3.95	23.50
February	2.16	4.44	1.53	1.58	2.79	2.27	2.22	3.42	1.62	1.86	18.89
March	3.53	1.68	56	97	1.66	1.80	1.82	2.95	.93	1.87	16.77
April	1.97	1.70	2.93	.61	.64	1.64	.59	1.53	2.11	1.41	14.13
May	2.98	1.37	1.67	3.98	1.33	1.20	1.28	3.51	.29	1.84	18.45
June	(1.95)	1.47	1.67	1.56	1.67	4.07	1.59	2.99	1.73	0.43	18.13
July	(2.20)	1.61	2.19	2.65	1.27	2.55	4.23	3.75	2.13	4.57	27.15
August	(4.50)	2.77	3.29	4.55	1.06	7.10	3.55	2.32	.27	2.71	32.12
September	(1.28)	2.72	4.00	4.80	1.37	3.15	2.79	2.83	.71	1.03	24.68
October	.80	2.38	1.10	5.16	1.29	1.99	2.28	1.77	2.36	5.39	24.52
November	6.65	2.96	1.58	2.76	1.13	1.72	1.66	.74	5.10	3.04	26.34
December	1.56	2.79	1.30	2.44	3.24	1.53	1.58	3.87	3.64	2.82	24.77
TOTALS	(30.51)	25.17	22.55	33.62	19.97	25.18	25.57	31.36	21.60	30.92	269.45
	NP	M	M	M	M	M	M	M	M	M	10

1951 NP 100 much ext.

01704

Position of Station on Ordnance One-Inch map : No. of Map National Grid Reference NY 351998769

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

Summary of Earlier Records from 10-year Sheets :

1916-1959, P - accepted

Record D, or d	1910-1919	1920-30	1931-40	1941-50	1951-60
C 1903	✓	✓	✓	✓	