

RAINFALL AT *Newcastle Lighthouse 175. Co. Wick*

Lat.

Lon.

County of *Northumberland*

Rain Gauge, by

Observer *J. Smith Esq.*

N. 2nd - Lt.

J. L. Foster Esq. Cl.

Diameter ..						5					
Height						10					
Altitude ..						654					
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..											
February ..				3.45	1.34	.56	2.97	.83	1.82	1.35	
March				2.35	2.25	.93	1.06	1.25	1.22	2.36	
April				1.67	1.29	2.16	1.58	1.24	3.09	3.35	
May				1.18	1.88	2.90	1.12	2.16	1.59	3.15	
June				1.62	2.71	2.17	3.71	3.61	2.55	1.64	
July				1.90	1.65	.88	1.79	4.43	.48	2.19	
August				4.21	1.87	1.01	1.17	1.24	2.99	2.48	
September ..				2.59	2.57	3.55	5.62	2.77	2.38	2.41	
October				3.36	1.05	1.87	.98	.68	3.04	2.04	
November ..				7.71	.77	2.32	5.34	5.82	2.47	3.32	
December ..				1.37	1.80	4.08	4.04	1.78	1.36	.56	
				1.87	1.75	1.18	1.41	2.67	1.41	3.19	
TOTALS ..				33.28	20.93	23.61	30.79	28.48	24.40	28.04	

N.B. Annual values rejected from Survey Map. 1929.

RAINFALL at Colt Craig Newcastle W.V.County of NorthumberlandObserver A. L. Forster Esq. C.E.River Basin North Tyne 4

Rain Gauge, by _____

Diameter ...	5											
Height	10											
Altitude ...	654											
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.	
January ...	1.75	1.47	2.20	2.58	2.04	2.03	2.24	2.38	2.51	4.33		
February ...	2.17	1.81	2.14	.76	1.56	2.03	2.66	.84	1.86	1.57		
March43	2.29	2.10	3.34	2.65	.96	2.57	1.30	1.10	1.81		
April	2.03	1.74	.23	2.45	.90	.72	1.40	1.73	1.06	1.44		
May	2.18	.90	2.16	2.16	1.19	1.84	3.01	2.58	1.99	1.25		
June	1.09	3.94	3.72	2.70	2.79	.62	2.86	1.33	.55	1.20		
July	4.63	.79	2.72	.91	2.68	3.57	3.61	1.42	3.34	1.84		
August	3.51	2.87	5.45	2.00	1.92	2.44	3.52	7.33	1.97	2.72		
September ..	.63	2.31	2.56	2.18	1.19	1.25	1.38	2.04	5.15	1.65		
October ...	2.21	3.91	3.02	3.80	2.53	1.14	3.93	2.31	3.01	3.77		
November ..	3.14	3.89	2.00	1.93	3.83	1.09	4.63	1.43	.95	4.03		
December...	1.73	3.05	2.50	1.22	5.51	4.24	2.95	1.54	2.38	3.50		
TOTALS ...	25.55	28.97	30.80	26.03	28.79	21.93	34.76	26.23	25.87	29.11		

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

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

RAINFALL at Colt Bragg Newcastle N.W.County of NorthumberlandObserver A. L. Foster Esq. C.B. (dec)River Basin North Tyne &Arthurs Castle CE (1921)Snowdon Rain Gauge, by Cosella 1804.
south coast
measured } 11.26.

Diameter ...	5'										
Height	1 0										
Altitude ...	654										
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930. MEAN.
January ...	2.96	4.86	2.85	1.28	2.41	2.00	2.45	2.37	4.61	1.84	3.42
February ...	1.60	.20	2.30	3.43	.22	2.41	3.08	.80	2.07	1.08	1.93
March	2.47	1.33	1.90	1.54	1.09	2.16	1.11	2.65	3.76	.08	2.28
April	3.13	.78	1.91	1.93	1.92	2.72	1.34	2.59	.81	1.96	2.13
May	3.53	1.39	.98	1.76	6.30	2.93	2.65	2.04	1.57	.97	1.51
June	1.41	.78	2.01	.91	1.27	.12	4.42	4.30	4.32	2.11	1.04
July	3.04	1.29	4.40	2.09	5.41	2.25	4.06	4.35	1.46	3.42	4.94
August	2.14	6.78	2.16	4.23	4.20	4.54	3.28	5.90	4.01	3.06	4.93
September...	1.64	2.00	4.38	1.75	2.94	3.90	3.09	5.23	1.23	1.19	2.89
October	2.09	2.24	1.25	2.44	3.42	2.27	3.80	2.52	3.13	3.07	3.08
November...	1.69	2.00	.72	3.34	1.27	1.67	3.33	3.28	3.38	3.17	3.85
December...	4.13	2.94	3.43	2.02	2.67	3.65	.36	3.25	2.37	4.34	1.94
TOTALS...	29.83	26.59	28.29	26.72	33.72	31.62	32.97	39.28	32.72	26.29	33.94

Inspected 7. 7. 11. 26. 8. in ^{open} fence 2 yds square. Reservoir bank (violet) at some distance to W. to E. & N. good exposure. To S. valley but higher land beyond. Very good exposure but recommended building to level of mouth of gorge.

N.B. Annual values repeated from Survey leaf. 1929.

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 Colt Crag Res. (N'cle W.W.)County of NorthumberlandObserver A. Hardcastle, Esq., C.E.River Basin North Tyne - 4Newcastle & Gateshead W.Co. (1938)

Type of Gauge.....

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

660605/26.

Diameter	5".											
Height	1.0.											
Altitude	654.											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means Totals	
January	1.63	1.85	1.32	1.95	2.08	4.21	3.04	2.13	5.03	1.64	2518	
February	1.99	.71	3.93	.27	3.22	2.57	3.43	.97	1.59	1.44	2012	
March	1.73	2.74	.89	3.66	1.05	2.07	2.86	1.02	3.57	2.99	2258	
April	3.48	2.17	1.79	3.22	2.73	1.45	2.19	.19	1.48	.99	2069	
May	2.79	2.08	1.72	1.32	.73	1.69	3.15	2.66	.95	.86	1895	
June	4.59	1.19	2.78	2.50	2.08	2.35	1.22	3.25	2.14	.51	2271	
July	4.11	3.09	2.75	3.10	.99	4.27	2.64	2.61	3.03	4.06	3065	
August	4.69	1.83	1.60	3.17	2.59	1.76	2.72	2.75	2.97	.92	2500	
September	1.21	4.07	1.82	1.98	3.61	5.05	3.40	1.67	1.66	1.75	2622	
October	1.65	4.81	3.54	4.35	4.72	2.51	2.51	5.20	5.40	1.95	3664	
November	3.24	1.83	3.21	2.96	3.39	3.11	1.08	2.29	3.71	2.35	2667	
December	1.61	1.90	.93	3.84	1.58	2.03	4.49	4.14	1.43	2.43	2438	
TOTALS	32.92	29.77	26.28	32.32	28.77	33.17	32.73	28.98	32.96	21.87 np low	29979	km.

940 up low - Jan. credit for snow.

NB. Average rejected from Survey as 2" low. After 10/30.

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	Direction from gauge

Station No. T.F. 35.77

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RAINFALL at Galt Crag Res.County of Northumberland Observer Newcastle + Gateshead W.C.River Basin North Tyne

Type of Gauge.....

Annual Average 29.2 in. based on years obs. un-weighted. Period of average..... Ref.....File No. 669605/26

Diameter	5"			012	594							
Height	1' 0"				1							
Altitude	654'				41					655'		
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means	Total
January	3.95	3.31	2.95	1.50	4.62	2.07	1.95	8.27	2.02	2.22	32.86	
February	4.88	1.71	1.87	2.04	2.67	1.04	3.03	2.24	1.62	3.99	25.09	
March	2.89	1.96	1.09	.68	.68	1.80	3.92	1.23	1.06	1.27	16.58	
April	1.50	1.22	1.42	1.93	2.18	.75	3.90	2.16	1.66	2.32	19.04	
May	2.28	1.12	3.39	2.49	4.58	2.06	2.57	1.94	1.20	1.60	23.23	
June	.42	.97	2.61	2.14	2.37	2.81	3.96	3.44	1.05	2.42	22.19	
July	1.02	2.46	2.14	3.25	1.79	3.67	4.00	1.42	2.49	3.99	26.23	
August	4.22	3.14	4.35	2.24	1.23	4.38	.27	5.42	2.34	4.50	32.09	
September	.63	2.60	2.66	6.38	1.95	4.01	1.49	3.40	2.52	4.62	30.26	
October	3.80	2.74	3.29	3.23	3.29	.73	.88	2.13	3.48	2.01	25.58	
November	2.88	.58	2.17	6.61	.81	4.42	3.63	2.50	3.38	5.14	32.12	
December	.78	2.37	1.38	2.11	1.42	2.04	3.20	2.20	4.36	2.00	22.06	
TOTALS	29.25	24.18	29.32	34.60	27.59	29.78	32.80	36.55	27.38	36.08	307.33	10

Used in general table in status. Origin unknown.

1948 Insp. by Dr. Blanford 2 1/2 inch Standard gauge, no bottom to outer case. Gauge exposure. Insp. report in C.

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

Station No. 3577

11.50

RAINFALL at Galt Srag Reservoir

51

County of Northumberland

Observer Newcastle & Gateshead W. Co.

River Basin North Tyne - 4

Type of Gauge

omitted 1955

Annual Average 29.5 in. based on years obs. un-weighted.

Period of average

Ref.

Origin unknown

File No. 66065/26

31.85 - 17 - 1941-57

1719-50

Diameter ...	5"			012 594								
Height ...	1' 0"			1								
Altitude ...	655'			51								
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means	
January ...	2.17	3.17	1.16	2.94	3.04	3.33	2.90	1.68	1.88	4.29	26.56	
February ...	2.03	.53	1.88	1.79	2.80	2.45	2.66	4.06	.74	2.18	21.15	
March ...	3.40	2.08	.62	1.32	1.77	.96	2.44	3.08	1.04	2.10	18.81	
April ...	2.18	2.08	3.28	.85	.93	.86	.82	2.05	2.22	1.48	16.75	
May ...	3.26	1.50	2.08	4.38	2.18	.52	1.56	3.50	.45	2.17	21.60	
June ...	1.24	1.74	1.89	1.86	2.22	4.29	1.77	3.08	3.02	0.71	21.82	
July ...	2.27	1.91	2.68	3.24	1.67	2.45	3.66	4.69	2.94	4.70	30.24	
August ...	5.34	3.27	3.36	5.09	1.07	4.84	4.18	3.40	.50	2.71	36.76	
September ...	1.37	3.24	4.50	5.28	2.06	2.96	3.50	2.86	.83	1.62	28.22	
October ...	1.10	2.71	1.06	6.01	1.66	2.31	2.51	2.19	2.49	5.87	27.91	
November ...	6.69	3.22	2.12	3.00	1.36	1.08	2.05	1.06	5.45	3.80	29.83	
December ...	2.03	3.39	1.75	2.90	3.88	2.22	1.92	3.78	4.39	3.23	29.49	
TOTALS ...	33.08	28.84	26.38	38.66	24.64	31.33	29.97	35.43	25.95	34.86	309.14	10
	0	D	D	D	D	D	D	D	D	D		

* Used in general tables in italics. Origin unknown

Position of Station on Ordnance One-Inch map :

No. of Map

National Grid Reference NY 35/929784

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

Summary of Earlier Records from 10-year Sheets :

1901-10

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
C 1903	✓	✓	✓ np 40	✓	
-		✓ but - 21.25	✓	✓	