

RAINFALL AT Ewesley Font Reservoir (Tynemouth N.W.) Dam Site.

Lat. Lon. County of Northumberland

Rain Gauge, by J. G. Hunter Observer F. R. Hull Esq. F.R.S.
August - 5. H. J. Coventry Esq. C.E. Newcastle

Diameter ..				10	□						
Height ...				0.5			0.6			1.0	
Altitude ..				620	✕						
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..			(1.25)	4.25	2.09	.55	2.50	.91	1.70	1.33	
February ..			2.17	2.35	2.79	.78	.90	(1.65)	2.05	2.74	
March			1.55	2.74	1.74	2.35	1.22	(1.99)	4.05	3.94	
April			1.66	1.86	1.83	3.03	.85	2.67	2.03	3.96	
May			3.06	1.71	2.53	.99	4.17	4.08	2.55	1.75	
June			1.78	1.88	1.98	1.09	1.92	3.56	.43	2.79	
July			2.56	5.15	1.37	.82	2.04	1.70	2.61	2.85	
August			1.98	2.74	2.53	4.50	4.65	2.80	2.87	2.41	
September ..			1.42	2.96	1.58	2.10	.84	.37	2.62	1.86	
October			2.21	7.96	.62	2.83	6.07	5.29	2.81	2.91	
November ..			2.30	2.32	3.19	5.27	3.62	(2.69)	1.41	.54	
December ..			4.70	2.58	2.39	1.02	1.79	3.61	1.43	3.04	
TOTALS ..			(26.64)	38.50	24.64	25.33	30.57	31.22	26.56	30.12	

1903. Ketherwitton Church 4 miles E.
 Fontburn Station $\frac{1}{2}$ " NE. N.N.W.
 House, 27 ft. high 40 feet S.
 Open Moorland

N.B. The corrections made for loss by snow were equal to one half the total amount of snow.

Compared with original register in 1907.

3 Daily values in bound volume shelf C3, R. 14.

RAINFALL at Font Reservoir Tyngemouth W.S.County of NorthumberlandObserver Duncan Munro EsqRiver Basin Coquet + C 5J W McKinnon EsqSquare Rain Gauge, by

Diameter ...	10										
Height	1.0								1.2		
Altitude ...	614 ft										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS. Totals
January ...	1.88	1.80	3.85	4.16	1.69	2.09	1.93	4.76	3.74	4.58	15.01
February ...	2.49	1.52	3.38	.82	1.84	2.92	3.34	.95	1.72	2.41	8.42
March .....	.74	2.47	2.39	3.51	3.40	2.58	5.55	2.32	1.83	2.37	12.07
April	2.24	1.88	.29	2.29	1.04	.74	1.43	3.05	1.52	1.50	8.10
May	1.98	.95	2.08	2.99	1.67	1.95	2.70	1.38	2.87	1.18	8.13
June	1.24	5.35	6.04	1.95	4.65	.60	2.43	1.34	.66	.97	5.40
July	4.12	.86	3.71	1.06	2.20	3.20	3.69	1.73	3.02	1.02	9.46
August	3.06	2.95	5.04	1.45	2.56	2.13	2.25	7.40	2.56	2.57	14.78
September ..	.84	2.10	2.28	2.70	.99	2.50	2.33	1.46	5.18	1.43	10.40
October ...	2.52	2.88	4.74	2.86	3.02	1.23	4.52	2.56	3.08	4.76	14.92
November ..	3.52	4.12	2.23	1.51	3.91	1.43	4.93	1.41	1.06	4.91	12.31
December ...	2.46	3.56	2.60	2.05	5.79	5.81	3.46	2.84	2.55	4.01	12.86
TOTALS ...	27.09	30.44	38.63	28.35	32.76	27.18	38.86	31.20	29.79	32.01	131.86

1913 shed 15 ft high 20 ft N

Funnel
from aboveImpacted
HRMS 7.4.16

10 in. zinc square funnel set in wooden case 1 ft. above ground. Vertical
rain bar. Brass cylinder fits over neck of wide mouthed bottle set in
air. No other can. Exposure good. Funnel from 1 ft. below the top
level of which it is, and sheltered by that side by shed. Glass carefully
g not moved for 2 or 3 years, but previously shifted once or twice, after careful

Loose
Section

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1911			Fontburn	1/2 mi	N. E	Netherwitton	4 mi	E

RAINFALL at Lomb Reservoir Lynemouth W. W.County of NorthumberlandObserver J. W. Mc. Kenna Esq. D. MunroRiver Basin Coquet & E 51920 D. Munro, Esq.Square Rain Gauge, by

Diameter ...	10											
Height	1.2			1.6								
Altitude ...	614			620								
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930. MEANS.	1920-30 Totals
January ...	2.95	5.68	4.98	1.96	2.73	2.01	3.58	2.78	4.06	2.03	3.35	36.10
February ...	1.73	2.27	2.57	4.75	1.69	4.15	2.73	1.09	1.66	1.16	2.50	24.30
March	2.60	1.34	2.29	1.83	1.09	2.56	1.57	3.80	3.38	2.29	2.63	23.38
April	3.75	.80	2.34	2.27	2.04	2.92	2.39	3.06	1.85	2.18	2.59	25.39
May	3.58	1.78	.86	2.64	6.25	3.96	2.96	2.05	1.52	2.36	1.90	29.85
June .....	.67	.69	1.01	.86	1.61	.82	5.17	4.41	4.79	1.94	1.09	22.56
July	3.24	1.90	4.52	1.88	5.88	1.67	4.46	3.58	1.59	3.99	4.49	37.22
August	2.55	6.78	2.14	4.57	2.30	4.48	3.13	5.19	2.47	3.09	4.78	41.48
September...	1.58	2.30	4.91	2.20	3.23	4.34	3.52	4.37	1.34	1.18	3.62	32.49
October	1.86	2.64	1.84	3.16	4.44	2.21	3.08	2.59	3.49	3.09	2.24	30.64
November...	1.59	2.74	.95	3.96	2.30	1.61	4.57	2.55	3.14	3.30	4.09	30.80
December...	5.13	2.39	4.30	2.39	2.80	5.87	.72	3.43	3.10	4.30	2.70	37.13
TOTALS...	31.23	29.31	32.73	32.46	36.36	36.09	37.88	38.90	31.59	28.91	35.88	371.34

1920 stable, not fished - 15 ft high 25 ft N.E.

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
1920			Lomburn	1/2 mi	N.E.	Netherwitton	4 mi	E.

RAINFALL at Font Res. (Tynemouth W.W.)County of NorthumberlandObserver J. W. Mc. Kerrall, Esq.River Basin Coquet & C. - 5Type of Gauge SnowdonAnnual Average 31.1 in. based on 25 years obs. un-weighted. Period of average 1891-1915 Ref 5

f. 273787/33

Diameter	10.											
Height	1.2.											
Altitude	620.			617								
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	1921-40 Means Totals	
January	3.33	1.87	1.56	2.46	2.46	6.02	2.92	2.73	6.14	1.19	3068	
February	1.75	.88	3.49	.62	2.92	3.78	3.19	1.08	1.36	1.44	2051	
March	1.35	3.18	1.03	4.59	1.43	2.93	2.40	1.09	4.27	3.42	2569	
April	3.61	2.86	1.71	5.39	3.81	1.89	2.37	.25	1.55	1.11	2455	
May	3.14	3.41	2.23	1.61	1.25	1.63	3.16	3.29	1.15	.94	2181	
June	5.32	1.20	1.46	2.23	3.58	2.59	1.74	3.47	2.07	.56	2422	
July	3.36	3.17	2.12	3.05	.79	3.54	2.45	3.18	2.18	6.35	3019	
August	3.19	1.76	1.68	3.98	2.42	2.25	3.53	3.37	2.52	.86	2556	
September	2.29	4.04	1.63	1.94	4.31	4.44	2.92	2.15	1.36	2.52	2760	
October	1.45	4.87	4.38	5.22	4.79	1.89	2.98	4.26	6.31	2.95	3970	
November	4.69	1.24	3.89	4.18	3.99	4.38	1.62	3.57	3.17	3.89	3462	
December	1.55	2.25	1.45	4.82	2.23	1.89	5.49	4.34	1.58	2.72	2852	
TOTALS	35.03	30.73	26.63	40.09	33.98	37.23	34.97	33.38	33.66	27.95	33365	

1931. Stable 15' high 25' N.E.

1934 Motor shed 14' high 20' N.

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
1931.			Fontburn	1/2 m	N.E.	Hetherington	1/4 m	E.

Station No. M. 3588RAINFALL at Font Res (Tyne-mouth W.W.)

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County of NorthumberlandObserver J. W. McKinnon Esq.River Basin Cogret & C. - 5C. F. J. Lisle Esq. AMICE (1947).Obs'r T. N. BEWICKType of Gauge StandardAnnual Average 31.1 in. based on 25 years obs. un-weighted. Period of average 1881-1915 Ref SFile No. 273787/33

Diameter	10"											
Height	1' 2"											
Altitude	620'											
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means 1941-50 Totals	
January	3.44	3.08	3.50	1.46	4.22	1.56	2.49	9.33	1.58	1.95	32.61	
February	5.34	1.20	1.12	2.21	2.19	.62	3.70	1.89	1.27	4.06	23.60	
March	3.04	.96	.85	.72	.64	1.90	5.97	.73	.94	1.15	16.90	
April	1.84	1.16	1.24	1.62	1.87	.58	4.38	1.82	1.04	2.19	17.74	
May	1.84	2.15	3.88	2.63	4.52	1.48	2.09	2.62	1.58	1.86	24.65	
June	.37	1.33	2.04	2.33	3.15	2.69	2.66	5.53	1.33	1.90	21.33	
July	2.10	3.72	1.69	3.72	1.87	2.88	4.35	1.21	2.31	3.81	27.66	
August	3.36	4.18	5.70	2.60	2.20	5.09	.16	6.25	1.85	4.35	35.74	
September	.76	2.65	2.81	6.12	2.55	4.15	1.48	3.25	1.84	4.71	30.32	
October	4.55	3.01	2.92	3.91	3.89	.78	.98	2.20	3.99	2.08	28.31	
November	3.46	.62	2.47	5.80	1.17	5.45	3.04	2.03	3.71	6.13	33.88	
December	.74	2.29	1.29	2.02	1.93	2.49	2.61	2.70	4.00	2.38	22.45	
TOTALS	30.84	26.35	29.51	35.14	30.20	29.67	33.91	37.56	25.44	36.57	315.19	10

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.

RAINFALL at Font Res. (Dymemouth W. Hl.) Station No. 3588 51
 County of Northumberland Observer C. F. J. Little Esq. B.Sc. A.M.I.C.E.
 River Basin Copart & E-5 (R. In Burnside)
 Type of Gauge Snowdon

Annual Average 31.1 in. based on 25 years obs. un-weighted. Period of average 1881-1915 Ref. 5
1916-1950 P
32.92 " " 35 " " 1916-1950 File No. 253787/33

Diameter ...	10"		006	399								
Height ...	1' 2"			1								
Altitude ...	620'			51								
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means	
January ...	2.25	2.62	1.18	3.14	2.72	3.96	3.60	2.52	1.88	5.10	28.97	
February ...	3.01	.82	1.42	2.64	3.22	3.35	4.30	3.76	.42	3.97	26.94	
March ...	4.21	2.18	.41	1.70	1.84	1.12	2.55	4.38	1.03	2.61	22.03	
April ...	2.39	1.45	3.35	.74	.77	1.00	.64	1.20	2.37	1.38	15.29	
May ...	3.50	1.72	2.05	4.53	2.40	.41	1.87	3.45	.63	2.65	23.21	
June ...	1.34	1.77	2.69	1.52	1.31	2.65	1.82	3.63	2.65	1.88	21.26	
July ...	1.78	1.89	2.49	2.99	1.94	2.81	3.73	3.83	2.98	5.14	29.58	
August ...	5.56	4.29	3.08	5.38	1.37	9.65	4.88	2.81	.45	3.72	41.19	
September ...	1.02	4.10	3.16	4.31	1.61	2.91	3.06	2.73	.89	2.97	26.76	
October ...	.86	3.61	1.31	5.63	2.01	1.75	2.36	2.46	2.42	7.06	29.47	
November ...	7.87	3.78	2.04	3.72	1.61	1.05	2.36	.83	6.49	3.73	33.51	
December ...	2.12	3.84	1.48	2.47	4.80	2.85	2.13	5.18	4.84	3.13	32.84	
TOTALS ...	35.91	32.07	24.66	38.77	25.60	33.57	33.20	36.78	27.05	43.34	331.05	10
	D	D	D	D	D	D	D	D	D	D		

Position of Station on Ordnance One-Inch map : No. of Map..... National Grid Reference 45/049936

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

Summary of Earlier Records from 10-year Sheets :

1916-1950, P-accepted

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
C 1903	✓	✓	✓	✓	
✓ but 10	✓	✓	✓	✓	