

## RAINFALL AT Redewater Chailkhope

*Lat.*

*London.*

County of Northumberland

*Rain Gauge, by*

### *Observations*

G Smith Esq

N. Lyne H.

# RAINFALL AT Redewater Chattlehope

Lat.

Lon.

County of Northumberland

Rain Gauge, by

Observer

G. Smith Esq.

*N Tyne &*

Diameter .....	8										
Height .....	...							1.0			
Altitude .....	...				830						
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	M.EAN.
January .....	4.72	3.15	2.45	1.16	5.25	2.47	1.75		2.00	5.85	
February .....	1.23	.19	2.01	3.99	7.77	1.33	1.35	3.30	2.57	3.43	5.597
March .....	3.00	2.45	1.15	2.24	4.11	4.75	4.75	6.03	1.30	2.80	3.258
April .....	1.13	1.75	.95	.57	1.23	1.90	1.70	2.43	3.08	5.24	1.998
May .....	2.17	2.19	3.46	2.45	4.60	1.24	1.00	1.65	2.62	3.48	2.186
June .....	3.46	1.49	4.75	2.80	4.20	1.68	2.30	3.88	1.91	1.07	2.754
July .....	2.67	4.44	2.40	2.96	3.10	4.27	3.10	2.40	1.23	3.68	3.025
August .....	5.67	7.26	4.85	3.14	5.25	3.85	2.05	5.20	3.45	.97	4.164
September .....	1.95	6.67	3.96	2.32	1.78	.55	5.20	3.25	2.30	3.13	3.111
October .....	2.39	3.55	5.64	2.65	4.95	4.20	7.30	2.63	5.50	3.58	4.289
November .....	6.40	3.15	2.15	3.49	4.15	4.90	1.90	3.90	3.44	4.39	3.789
December .....	2.10	6.55	1.10	4.30	3.50	2.90	6.00	6.80	6.50	3.18	4.293
TOTALS .....	36.89	42.84	34.87	32.07	49.89	34.04	38.40	41.47	35.90	40.80	38.717

## RAINFALL AT Redewater Chattlehope

Lat.

Lon.

County of Northumberland

Rain Gauge, by

Observer

G. Smith Esq

a. &amp; Foster Esq C.E.

N. 24ne - 14.

Diameter ..	8					5				
Height ..	1 0				1 0					
Altitude ..	830			800	900					
Year ..	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909
January ..	5.05	2.60	2.75	6.89	3.66	1.77	5.42	2.11	3.87	3.96
February ..	3.38	1.30	1.95	6.23	3.72	2.58	2.69	2.65	2.87	2.61
March ..	.89	3.35	1.83	6.59	3.18	6.22	3.63	3.41	6.71	4.68
April ..	4.10	2.80	2.45	1.29	3.89	3.99	1.41	3.42	2.35	5.28
May ..	2.65	2.15	3.34	1.92	3.44	2.19	5.93	5.86	3.62	2.27
June ..	4.72	2.03	2.18	1.03	1.43	2.21	4.98	6.07	1.88	2.80
July ..	2.39	1.60	3.83	4.36	1.81	1.38	2.46	2.64	4.53	3.15
August ..	5.50	4.10	2.61	4.91	3.08	4.47	6.54	3.89	3.26	2.99
September ..	2.70	2.15	2.05	3.58	1.52	3.86	1.13	1.05	5.63	2.83
October ..	5.48	2.78	3.00	9.88	1.27	3.39	7.25	6.46	4.17	6.78
November ..	5.24	4.75	2.48	2.80	2.44	5.61	4.28	3.33	3.25	1.67
December ..	8.30	3.21	5.84	3.24	3.13	2.60	2.48	6.36	2.44	4.75
TOTALS ..	50.40	32.82	34.31	52.72	32.57	40.27	48.20	47.25	44.08	43.77

1904 Dec 31 Gauge moved

H. S.

## RAINFALL at Redewater Chattlehope

County of Northumberland

Observer A. J. Forster Esq. C.E.

River Basin North Tyne 4

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

Diameter ...	5										
Height .....	10										
Altitude ...	900										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	M.EANS.
January ...	3.56	3.33	3.77	4.51							
February ...	6.17	4.29	3.61	3.02							
March .....	2.06	3.66	5.73	7.03							
April .....	3.51	3.09	.83	4.90							
May .....	2.07	1.66	1.62	3.78							
June .....	2.75	5.52	5.52	3.09							
July .....	5.48	1.44	2.46	1.11							
August .....	6.87	3.36	6.36	2.23							
September ..	1.10	3.33	3.26	1.71							
October ...	3.66	4.60	5.56	3.93							
November ...	4.62	7.46	4.31	A							
December ...	4.32	6.63	7.25								
TOTALS ...	46.47	48.37	50.27								

1913 removed in Nov

below sheet-

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

Redeemer

## RAINFALL at (Chattlehope)

County of Northumberland

Observer Newcastle S Gateshead W Co.

River Basin North Tyne H

Type of Gauge

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

Ref.

660605/26

Diameter							5				
Height							10				
Altitude							900				
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January								7.28	6.58	(2.50)	
February								1.71	5.71	1.55	
March								2.80	4.39	5.23	
April								1.37	1.87	2.33	
May								2.71	1.34	1.84	
June								4.61	3.31	.90	
July								6.76	5.11	7.37	
August								2.31	3.70	1.72	
September								2.73	1.75	3.31	
October								8.88	6.12	4.00	
November								8.42	5.51	4.82	
December								3.79	1.68	3.64	
TOTALS								52.37	47.07	39.21	
								11	11	11	

1940 Jan corrected for snow

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
1939			Woodburn	1 1/2 miles	S.E.	Burness	2 1/2 miles

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

Station No. T.F. 3580/3

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## RAINFALL at Redcaraten (Chattelhope)

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

River Basin North Tyne

Type of Gauge Whitbank (New 1946).

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

Ref.

File No. 660605/26

Diameter	5"	010	640								
Height	1' 0"		1								
Altitude	300	41	1100								
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	3.70	4.81	6.76	4.66	(6.05)	3.65	4.75	10.31	3.61	2.91	
February	4.81	3.10	3.78	2.46	(4.63)	(1.75)	(4.18)	3.87	4.78	5.79	
March	3.30	2.27	2.27	.46	1.32	(2.53)	6.37	3.27	1.63	3.08	
April	1.40	2.13	2.80	2.01	2.82	.90	8.56	3.03	3.66	3.85	
May	2.00	3.51	5.91	3.27	4.39	1.39	2.98	2.13	1.90	1.86	
June	.77	.98	4.55	3.77	3.25	2.10	3.81	6.46	1.25	2.29	
July	.99	4.02	2.80	3.11	(2.50)	4.38	4.75	2.19	2.33	1.19	
August	5.11	4.11	4.82	3.08	2.12	4.29	.19	9.12	2.73	6.40	
September	.63	4.87	3.64	5.15	4.34	(4.70)	3.06	4.93	1.77	7.69	
October	4.26	5.40	4.30	4.53	3.64	.77	1.38	3.50	6.50	14.02	
November	4.06	.68	2.90	7.70	.39	8.89	5.41	2.85	5.99	6.45	
December	2.36	4.65	2.51	3.96	1.64	4.81	2.72	5.27	8.18	2.43	
TOTALS	33.39	40.43	47.03	44.16	37.09	(40.16)	48.16	56.93	44.33	50.96	
	M	M	M	M	M	M	M	M	M	M	10

1941. Jan. corrected for snow 60404 30104 20004

1942. Turf wall erected 16.7% Thatched ~ 8%.

1945. Jan. &amp; Feb. affected by part of other months generally low. Dried with quarry.

1946. m.p. low, Feb. March &amp; Sept. part std.

Whole year lower in 1946 - New Bradford gauge brought into play.

1947. Oct. 1946 will be set up on near but eastern site. (article).

1948. Rept. for 1947.

6150. New engraved gauge frame built turf wall which was raised in 1948 again needs year heavy weather. Site overgrown on hillside. New site further gauge in natural hollow cleared 75% F.S.P. (but will take all day).

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.

3580/9

T.F. 50

## RAINFALL at Redewaters (Schuttlehope)

County of Northumberland

Observer Newcastle &amp; Gateshead W.C.

River Basin North Tyne - H.

Type of Gauge Octagonal

Annual Average 46.7 in. based on 3 years obs. un-weighted. Period of average 1881-1915 Ref. P.P. 595  
 \* 48.68 " " 1947-57 " " File No. 20060526 S.

Diameter ...	5"	010	640									
Height ...	1' 0"			1								
Altitude ...	1100			51								
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means	
January	5.46	4.22	2.42	4.72	5.22	3.62	6.09	4.52	3.34	7.16		
February	4.13	6.64	2.82	3.62 (3.60)	3.38	4.69	4.18	1.53	6.72			
March	3.09	3.12	5.54	4.19 (3.00)	1.39	3.34	2.59	2.46	3.09			
April	3.51	3.74	4.63	.93	1.24	1.93	.77	2.54	3.59	3.43		
May	2.91	2.62	2.54	6.93	3.89	1.85	2.55	5.09	.96	2.82		
June	1.17	2.74	3.81	2.61	1.43	3.06	2.21	3.68	3.93	2.59		
July	2.63	1.74	5.48	4.39	2.67	4.88	3.86	5.58	3.50	3.76		
August	4.46	6.69	3.98	8.33	1.15	7.96	6.55	4.21	1.06	4.96		
September	4.78	3.72	4.79	5.71	2.79	3.09	3.73	3.75	1.15	2.89		
October	1.15	5.87	2.28	8.74	4.04	3.07	4.88	3.04	3.63	5.82		
November	8.81	4.52	5.48	7.89	2.38	1.78	1.56	1.05	7.31	6.37		
December	6.96	5.46	2.62	5.88	6.91	6.49	3.55	5.19	8.83	5.40		
TOTALS ...	49.06	45.08	41.39	63.94	38.32	41.50	43.78	45.42	41.09	55.01		
	M	M	M	M	M	M	M	M	M	M		
				30004								

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Position of Station on Ordnance One-Inch map :

No. of Map .....

National Grid Reference N 20737024

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Parish Church.	Distance 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 1938	V 1946	