

RAINFALL AT

Countess Crag

Lat.

Lon.

County of Northumberland

Rain Gauge, by

Observer A. Hardcastle Esq.

Type - 4.

Diameter	5										
Height	1 0										
Altitude	1670										
Year	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	
January											
February											
March											
April											
May											
June											
July											
August											
September...											
October.....											
November...											
December....											
TOTALS ...	4578	4399	5046	3999	4606	3831	5910	4585	4355	4056	

1902-1936 Received & entered November 1937.

Record somewhat erratic - gauge on ground sloping west - record
possibly defective with east winds. ✓

RAINFALL at Countess CrayCounty of Northumberland Observer A. Handcastle Esq.River Basin North Tyne - 4Rain Gauge, by

Diameter												
Height												
Altitude	1600.											
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930	
January												
February												
March												
April												
May												
June												
July												
August												
September												
October												
November												
December												
TOTALS	49.26	49.03	44.82	55.71	46.46	43.73	48.99	54.00	57.21	40.92	47.02	

1902 - 1936, Received & entered November 1937.

Record seems somewhat erratic - gauge on ground sloping to east, record possibly defective with east winds.

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 Redewater (Countess Crag)County of NorthumberlandObserver A. Handgate Esq.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	10											
Altitude	1600											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	
January							4.87	7.11	7.05	(2.50)		
February							6.40	2.51	5.74	1.69		
March							5.30	4.09	3.78	5.29		
April							2.71	5.4	2.18	2.36		
May							3.91	3.64	1.84	1.91		
June							2.67	5.90	4.16	1.69		
July							3.57	7.58	6.11	8.35		
August							5.56	2.71	5.68	2.33		
September							3.76	3.37	2.55	3.74		
October							3.40	9.47	6.33	4.47		
November							.97	8.01	6.99	4.85		
December							6.45	3.50	1.98	3.33		
TOTALS	46.87 npx	50.67 npx	36.59 npx	54.51 npx	51.41 npx	51.37 npx	49.57	58.43 M	54.39 M	41.91. M		

1902-1936 Received & entered, November 1937.

Record seems somewhat erratic. - gauge on ground sloping to east, record possibly defective with east winds.

1940 Jan. corrected for snow.

 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. TF 3580/8RAINFALL at Redewater (Countess Crag)

41

County of NorthumberlandObserver Newcastle & Gateshead W CoRiver Basin North TyneType of Gauge StandardAnnual Average in. based on years obs. un-weighted. Period of average Ref File No. 660.605/26

Diameter	5"										
Height	1' 0"										
Altitude	1,600'										
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	3.98	4.97	8.03	5.15	(7.00)	3.88	5.00	6.41	3.91	2.79	
February	5.65	2.97	4.20	4.00	(5.50)	1.95	(4.46)	3.19	3.14	4.13	
March	2.72	2.98	2.63	73	1.93	2.72	(6.24)	2.57	77	2.65	
April	1.54	2.00	3.00	2.06	3.09	1.29	6.45	2.99	3.89	3.80	
May	2.65	3.46	6.76	3.71	5.42	1.82	2.87	2.21	2.00	1.80	
June	1.02	1.44	4.86	4.85	4.29	4.25	3.60	6.80	1.13	3.22	
July	1.66	4.77	3.62	3.08	3.67	5.73	5.43	2.64	2.46	4.15	
August	6.06	3.68	5.90	3.62	3.11	7.73	.14	9.49	2.74	5.67	
September	.95	4.86	4.41	7.12	5.40	6.18	3.13	5.56	1.93	8.53	
October	4.80	6.82	4.76	4.18	5.85	.88	1.42	3.86	6.58	4.13	
November	4.05	1.03	3.16	7.70	.84	8.90	5.33	3.13	5.20	7.36	
December	2.56	4.45	2.31	3.86	2.81	3.47	2.23	4.43	6.90	1.97	
TOTALS	37.64	43.43	53.63	50.06	48.91	48.80	46.30	53.28	40.65	50.20	
	<u>N</u>	<u>M</u>	<u>M</u>	<u>M</u>	<u>M</u>	<u>M</u>	<u>M</u>	<u>M</u>	<u>M</u>	<u>M</u>	

1941. Jan & Feb. corrected for snow. 60004

1942. Staff wall meter 18.8 ft. Footnote in B.R.

1945. Gauge set up for snow

Lifted 8.4.45. Gauge moved about 7 ft. up, 1/2 in. (Revised meter, seems lower). J.R.

1947. put with gauge. In air by obs. Rechecked for snow.

Drop 6.15 ft. by cupping gauge old had wind. Staff wall built in 1942 has disappeared. Site v. exposed nearly on top of ridge.
 Check gauge to be set up with shelter from S.W. wind at 7525 ft. - 500 yds ENE

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 ⁵ Redewater (Countyess Brook) Station No. 3580/8 ^{7.6} 50 **51**
 County of Northumberland Observer Newcastle + Gateshead W.C.
 River Basin North Tyne - 4
 Type of Gauge Chowdon

Annual Average 50.0 in. based on 18 years obs. un-weighted. Period of average 1887-1915 Ref. PB 595
 " " 55.31 " " 5 " " 1953-57 " " 1916-57 File No. 260605/26

Diameter ...	5"		010	632							
Height ...	1' 0"			1							
Altitude ...	1600			51							
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	6.03	(4.30)	(2.90)	5.50	6.07	4.07	7.96	5.97	4.45	9.52	
February ...	4.10	.93	(8.50)	3.86	(3.75)	3.61	5.47	7.35	2.05	5.56	
March ...	2.86	2.78	.76	5.52	(3.30)	1.51	3.54	2.34	2.94	2.98	
April ...	4.12	3.68	1.35	1.07	1.66	1.02	.96	3.44	3.86	4.13	
May ...	3.32	2.43	2.42	6.74	4.47	(2.01)	2.76	4.85	.90	2.43	
June ...	1.63	2.96	1.74	3.29	1.75	4.13	2.67	3.73	4.03	2.69	
July ...	3.93	1.86	6.57	4.91	2.88	5.74	4.57	6.33	3.35	4.44	
August ...	4.02	6.62	1.62	8.55	1.18	8.95	7.74	4.54	1.34	5.26	
September ...	4.80	4.46	5.77	6.39	3.62	3.81	3.84	4.23	1.30	3.11	
October ...	1.24	6.18	2.66	9.48	4.64	3.65	5.96	3.44	4.54	6.28	
November ...	8.62	4.69	6.32	7.87	2.44	2.04	1.76	1.15	7.37	7.34	
December ...	6.97	6.76	3.33	8.72	8.42	6.38	4.04	5.31	8.61	5.70	
TOTALS ...	51.64	47.65	17.94	71.90	44.18	46.95	51.27	52.68	44.74	59.44	
	M	M						M	M	M	

1952 Jan est M030.
 1953 Jan. & Feb. adj. M030.
 1955 Feb, Mar, part est. M030.
 1956 May part est. Eng's agrees
 00004

30004 02004

§ Verb. Wail.

Position of Station on Ordnance One-Inch map : No. of Map National Grid Reference NT 36/708022

Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction 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 1937 (1900)	✓	✓	✓	✓	
	A	A	A 31-36		