

RAINFALL at Darlington Fighting Cocks Res.

County of Durham

Observer G. R. Collinson B.Sc. M.Inst.CE

River Basin Tees + Co.

Yees Valley Water Board.

Rain Gauge, by

Diameter											
Height											
Altitude											150'
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930
January											2.80
February											1.03
March											2.79
April											2.57
May											1.06
June											1.22
July											1.92 4.61
August											2.53 4.07
September											1.16 2.63
October											2.19 1.96
November											2.53 2.63
December											2.82 2.00
TOTALS											13.15 imp 29.17

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	Parish Church.	Distance from gauge

RAINFALL at Darlington (Fighting Cocks Res.).

County of Durham.

Observer G.R. Collinson, Esq., C.E.

B.S.C.

River Basin Tees &c. - 1.

T.S.R. Winter, Esq., C.E. (1941).

Type of Gauge.

Annual Average 25.2 in. based on 2½ years obs. un-weighted.
 using Darlington (Stainforth Rd.) and Darlington (Council Park). Period of average 1891-1915 Ref. Tees S
 670349/26

Diameter	..										5"
Height	..										1 o
Altitude	150.										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	1.47	1.73	1.86	1.27	2.10	2.98	2.44	1.95	4.46	1.98	2211
February	.97	1.05	2.81	1.40	2.47	3.25	2.48	1.27	.89	1.50	1709
March	1.16	1.95	1.58	1.48	.92	1.69	2.93	.09	2.39	2.08	1627
April	2.71	.88	.96	3.23	2.76	1.23	2.38	.06	1.15	1.80	1716
May	2.70	4.09	1.98	1.28	.75	1.85	2.67	2.91	1.26	1.21	2070
June	3.78	1.22	1.69	1.89	2.29	3.89	1.34	3.21	2.16	.46	2193
July	5.18	4.64	2.02	1.39	.61	4.29	1.41	2.80	2.64	6.18	3116
August	3.54	2.85	.32	1.40	2.05	1.97	.99	2.55	2.87	.87	1921
September	3.52	2.31	1.31	1.44	4.66	4.07	1.32	2.07	1.29	1.00	2332
October	.86	3.29	3.83	2.29	3.55	1.61	1.95	3.55	4.74	2.84	2851
November	2.25	1.29	2.99	1.78	3.88	2.33	2.07	2.65	2.77	3.01	2502
December	.92	1.16	1.45	3.66	1.63	1.48	3.81	3.88	1.02	2.07	2108
TOTALS	29.06	25.96	22.80	22.14	27.67	30.64	25.76	26.99	27.64	26.90	26356
	d.	118									

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. 3504

RAINFALL at Dartlington (Fighting Cocks Res.)

41

County of Durham

Observer

T.S.R. Winter Esq. C.E.

River Basin Tees & C. - I.

Type of Gauge

Annual Average 252 in. based on 2½ years obs. unweighted. Period of average 1881-1955 Ref. Tees S
 using Dartlington (Stanhope Rd) + Dartlington (South Park) 239192/32 E10079/49
 * vnu/1929 - xaf/1951 File No. 60379/247

Diameter	5"		031072								
Height	1' 0"			1							
Altitude	150'			11				171			
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	3.03	1.93	3.39	1.19	4.06	1.31	1.52	4.74	.86	1.87	
February	5.17	1.50	.62	1.91	1.76	.68	2.09	.75	.50	2.86	
March	2.10	1.11	.43	1.03	.28	1.02	3.14	1.18	.79	.56	
April	.70	.63	1.02	2.18	.81	1.52	3.06	.95	1.56	1.56	
May	1.01	1.88	2.24	.86	2.58	2.38	1.89	1.66	.95	.97	
June	1.06	.70	1.39	2.54	2.12	1.82	2.28	3.15	.95	1.12	
July	.77	3.60	1.51	2.49	1.25	3.49	2.58	1.51	1.49	2.46	
August	2.45	2.04	3.67	1.75	3.40	2.96	.33	3.00	2.97	4.79	
September	.38	2.32	3.67	3.95	1.90	3.50	2.20	1.59	.75	2.86	
October	3.48	1.75	1.88	2.45	3.04	1.56	.36	1.18	2.36	1.00	
November	2.58	1.05	2.14	4.11	.69	4.54	1.49	1.23	2.93	4.90	
December	.29	2.55	1.16	1.45	1.04	2.34	1.22	1.15	2.15	2.41	
TOTALS	23.02	21.06	23.12	25.91	22.93	27.12	22.16	22.39	18.26	27.36	

10

Exposure 1 mile S of 8/47 reservoir embankment 20 yds W. House & outbuildings 20 yds S.E.
 Gauge moved 8/47 to exposed position on reservoir embankment.
 Gauge round when tested by Aug 1947

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

Station No. 3504 T.F. 42

51

RAINFALL at Darlington (Fighting Rocks Res.)

County of Durham

Observer S.G.R. Winter Esq. C.E.
Teesside & Cleveland Water Bd.

River Basin Tees & Le. - 1

Type of Gauge M.O. (in loan)

Annual Average 25.2 in. based on 2½ years obs. un-weighted. Period of average 1881-1915 Ref. Nos. 5
 near Darlington (Stockton Rd) & Darlington (South Rd)
 Annual Average 25.64 in based on 18 yrs obs 1930-47. 1916-1930 File No. E 10079/49

Diameter ...	5"	031	072								
Height ...	1' 0"			1							
Altitude ...	171			51							
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January	1.68	1.78	.52	1.68	1.75	2.52	1.55	1.46	1.92	3.74	
February	1.95	.33	1.94	1.70	1.31	1.82	1.71	3.06	.67	1.73	
March	2.98	1.16	.09	1.43	1.30	.51	.80	1.33	.53	1.88	
April	1.30	1.75	2.24	.27	.99	.66	.20	1.32	1.34	.59	
May	2.68	1.20	1.71	2.58	1.73	.29	1.86	2.28	.42	1.21	
June	.74	.94	2.12	2.23	2.18	2.59	2.65	2.71	2.00	.38	
July	2.34	1.35	2.82	1.60	.93	3.35	3.25	2.49	1.13	4.23	
August	5.88	2.23	3.26	4.42	.67	6.56	2.87	3.58	.34	2.25	
September	1.03	3.50	1.37	1.67	.95	2.17	3.24	1.58	.89	2.17	
October	1.27	2.19	1.61	3.72	1.55	1.23	1.54	1.29	.92	4.37	
November	4.71	2.67	1.35	3.66	2.32	.63	1.22	.68	2.40	2.65	
December	2.90	1.73	.79	1.47	2.51	2.07	1.45	2.31	1.62	2.05	
TOTALS ...	29.46	20.83	19.82	26.43	18.19	24.40	22.34	23.99	14.18	27.25	
	D	D	D	D	D	D	D	D	mp	mp	

July 1959 / A.O.K. If sound. Corrosion satisfactory but trees may overtake in later years.

1960 Outer case of gauge repaired June 1960.

1959 :- np low. S. leaking.

1960 :- np low

Position of Station on Ordnance One-Inch map : No. of Map National Grid Reference NZ(45)302138

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction 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 imp 1929, -	V	V	V	V