

RAINFALL at Darlington, Broken Scar. P.S.

County of Durham

Observer S.R. Collinson Esq., B.Sc., M.I.C.E.

River Basin Tees & C. I.

Tees Valley, Water Bd.

Rain Gauge, by _____

Diameter ...								5"		
Height								1' 0"		
Altitude ...								158		
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	MEANS.
January ...								3'15	1.45	3.18
February ...								1'48	.87	1.37
March								2'83	.11	2.73
April								'67	1.21	3.10
May								1'32	1.46	1.23
June								5'38	2.26	1.61
July								'65	2.34	4.70
August								5'33	2.13	5.15
September...								'50	1.09	2.98
October.....								3'02	2.14	1.80
November...								2'82	2.47	2.68
December...								'12	3.41	2.50
TOTALS...								28'27	20.94	32.63
								D	D.	81.84 27.89 1047.73

Inspected 1929.

Position of Station on reduced Ordnance Survey } No. of Map _____

Map, 2 miles to 1 inch Series

Reference No. _____

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge	Direction
1928	54° 31' 16"	102° 16' 16"						

RAINFALL at Darlington (Broken Scar)

County of Durham

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

B.S.A.

River Basin Tees &c - 1.

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

Type of Gauge

Annual Average 26.2 in. based on 4 years obs. weighted. Period of average 1881-1915 Ref. Tele S.
using Darlington (Stanhope Rd) and Darlington (Court Park) 670379/26.

Diameter	5.										
Height	1.0.										
Altitude	158.										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Mean of 10 yrs
January	1.87	1.58	1.66	1.66	2.04	3.24	3.00	2.20	4.89	2.20	24.34
February	1.05	.72	3.64	.39	2.41	3.30	3.34	1.14	1.04	1.81	18.84
March	1.00	1.69	1.77	1.79	.58	1.95	2.91	.18	2.43	1.62	15.92
April	2.90	1.84	.99	3.41	1.70	1.20	2.57	.13	.86	1.92	17.02
May	3.01	3.86	2.07	1.07	.68	2.13	2.78	2.95	.94	1.21	20.70
June	3.32	1.70	1.69	1.89	3.01	4.03	1.07	2.81	2.08	2.24	21.84
July	4.50	3.43	1.91	1.40	1.15	3.29	1.94	3.38	3.20	5.28	29.48
August	3.22	2.27	.34	2.43	2.29	1.91	1.01	1.85	2.71	.62	18.65
September	3.05	2.12	1.09	1.53	5.62	4.27	.92	2.10	1.53	1.14	23.27
October	.79	2.93	3.17	2.23	3.94	1.40	1.99	3.67	5.37	3.05	28.44
November	2.26	.86	3.18	1.92	4.21	2.58	1.62	2.77	2.35	3.01	26.75
December	.92	.88	1.26	4.51	1.69	1.68	3.74	3.60	1.03	1.91	21.22
TOTALS	27.89	23.37	22.77	24.23	29.32	30.98	26.79	26.68	28.43	24.01	264.47

Position of Station on reduced Ordnance Survey Map, } No. of Map.....
1 mile to 1 inch Series

Reference No.....

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

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

Station No. T.F. 3502

RAINFALL at Darlington (Broken Scar)

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County of Durham

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

River Basin Tees & C. - 1

Type of Gauge

Annual Average 26.2 in. based on 4 years obs. unweighted. Period of average 1881 - 1915. Ref.

File No. 226236 E10079/49 640379/26

Diameter	5"	029	581								
Height	1' 0"			1							
Altitude	158'			4							
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	3.34	2.12	4.09	1.12	3.87	1.62	2.08	6.82	.70	1.37	26.53
February	4.93	1.72	.56	1.87	2.31	.84	2.84	1.19	.69	3.26	20.21
March	2.15	1.43	.52	1.43	.29	1.20	3.97	1.62	.89	.79	13.19
April	.92	1.22	.98	1.83	.71	1.48	3.39	1.80	1.59	2.26	15.58
May	1.20	2.11	2.54	1.88	3.25	2.49	2.23	1.80	.62	1.00	17.52
June	.53	.48	1.07	1.74	2.12	1.84	2.07	3.86	.90	1.04	15.65
July	.89	2.31	1.04	3.73	1.45	2.52	2.57	3.81	1.43	2.57	22.62
August	2.24	2.26	3.09	1.48	3.36	3.83	.34	4.14	3.75	4.77	28.76
September	.36	1.89	3.99	4.36	1.44	3.92	1.84	2.82	1.32	3.03	24.47
October	3.32	1.61	2.02	2.87	3.60	1.00	.52	1.80	2.61	.98	19.83
November	3.01	.82	1.74	4.71	.73	5.05	1.58	1.82	3.58	5.03	21.57
December	1.06	3.56	1.36	1.67	1.48	2.83	1.49	1.84	2.35	1.87	19.51
TOTALS	23.95	21.53	23.00	26.68	24.61	28.12	24.92	29.92	20.73	27.97	251.44

1941. Feb. count for snow. 1947 March 12" & 13" estimated.

1948. 1949 slow rising up to 2501 & 2552 but repeatable always.

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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.

Station No. 3502 T.F. 42

RAINFALL at Darlington (Brook Lane)

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County of Durham

Observer T. G. Winter, Esq., C.E.,
Tees & Co. Ltd.
Teesside Cleveland Water Bd.

River Basin Tees & Co. Ltd.

Type of Gauge H.O.

Annual Average 26.2 in. based on 4 years obs. un-weighted. Period of average 1881-1915 Ref. 5
" " 26.32 " " 28 " 1928-55. " " " 1916-1920 " 5
File No. E 100.79149

Diameter	5"	029	581								
Height	1' 6"			1						9"	
Altitude	158'			57							
Year	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means Total 40
January	1.84	1.78	.50	1.92	1.68	2.87	1.95	1.77	2.20	4.15	20.66
February	2.56	.30	1.95	2.31	1.49	2.02	1.96	3.36	.39	2.30	18.64
March	2.95	1.24	.12	1.31	1.35	.52	.89	1.59	.74	1.90	12.61
April	1.56	1.91	1.98	.35	.73	.70	.15	1.24	1.86	.83	11.31
May	2.65	1.22	1.95	2.72	1.56	.41	1.23	3.03	.40	1.97	17.14
June	.64	.92	2.58	1.74	2.18	2.56	1.98	3.21	1.50	.37	17.68
July	1.55	.82	3.15	1.91	.90	3.31	3.37	2.88	1.30	4.44	23.63
August	5.96	2.04	4.57	3.97	.45	6.54	2.91	3.34	.53	2.22	32.53
September	.88	3.29	1.69	1.96	.83	2.41	3.56	2.91	1.28	2.25	21.06
October	1.26	2.47	1.74	3.94	1.80	.97	1.89	1.49	1.18	5.05	21.99
November	5.59	2.02	1.30	4.33	1.95	.45	1.34	.70	3.51	2.98	24.17
December	2.62	1.78	.89	1.86	2.44	2.55	1.85	3.53	2.84	2.17	22.53
TOTALS	30.06	19.79	22.42	28.32	17.36	25.31	23.08	24.05	17.73	30.63	243.75
	D	D	D	D	D	D	D	D	D	D	

Grid Ref. NZ 1858 18.00. P.S. 60, 110° NW. Plot site over-exposed S-W. Better site chosen on grass but turf-wall will likely be necessary. New N.G.R. 256140.

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Position of Station on Ordnance One-Inch map : No. of Map National Grid Reference NZ 1858 256140

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 1928 ✓	V ✓ built 31	✓	✓