

RAINFALL at Darlington, Broken Scar. P.S.County of DurhamObserver J.R. Collinson Esq. B.Sc. M.I.C.E.River Basin Tees & C. L.Tees Valley Water Bd

Rain Gauge, by _____

Diameter ...										5"		
Height										1' 0"		
Altitude ...										158		
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930. M.H.A.S.	
January ...									3'15	1.45	3.18	
February ...									1'48	.87	1.37	
March									2'83	.11	2.73	
April									'67	1.21	2.10	
May									1'32	1.46	1.23	
June									5'38	2.26	1.41	
July									'65	2.34	1.70	
August									5'33	2.13	6.15	
September...									'50	1.09	2.98	
October									3'02	2.14	1.80	
November...									2'82	2.47	2.68	
December...									1'12	3.41	2.50	
TOTALS...									28'27 P	20.94 D	32.63 D.	81.84 27.84 209.7

Inspected 1929.

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	Direction
1928	54° 31' 16"	1° 26' 16"						

RAINFALL at Darlington (Broken Scar)

County of Durham

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

B.S.

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. unweighted Period of average 1881-1915 Ref. Tees S.
using Darlington (Slackhope Rd) and Darlington (Rough Park)
670379/26.

Diameter	5.											
Height	1.0.											
Altitude	158.											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	
											<u>1881-1915</u>	
January	1.57	1.58	1.66	1.66	2.04	3.24	3.00	2.20	4.89	2.20	2434	
February	1.05	.72	3.64	.39	2.41	3.30	3.34	1.14	1.04	1.81	1884	
March	1.00	1.69	1.77	1.79	.58	1.95	2.91	.18	2.43	1.62	1592	
April	2.90	1.34	.99	3.41	1.70	1.20	2.57	.13	.86	1.92	1702	
May	3.01	3.86	2.07	1.07	.68	2.13	2.78	2.95	.94	1.21	2070	
June	3.32	1.70	1.69	1.89	3.01	4.03	1.07	2.31	2.08	.24	2184	
July	4.50	3.43	1.91	1.40	1.15	3.29	1.94	3.33	3.20	5.28	2948	
August	3.22	2.27	.34	2.43	2.29	1.91	1.01	1.85	2.71	.62	1865	
September	3.05	2.12	1.09	1.53	5.62	4.27	.32	2.10	1.53	1.14	2327	
October .....	.79	2.93	3.17	2.23	3.94	1.40	1.99	3.57	5.37	3.05	2844	
November	2.26	.85	3.18	1.92	4.21	2.58	1.62	2.77	2.35	3.01	2475	
December .....	.92	.88	1.26	4.51	1.69	1.68	3.74	3.60	1.03	1.91	2122	
TOTALS	27.89	23.37	22.77	24.23	29.32	30.98	26.79	26.68	28.43	24.01	26447	
	<u>d</u>	<u>p</u>	<u>p</u>	<u>d</u>	<u>d</u>	<u>d</u>	<u>d</u>	<u>d</u>	<u>d</u>	<u>d</u>	<u>d</u>	

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. T.F. 3502RAINFALL at Darlington (Broken Scar)

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County of DurhamObserver T.S.R. Winter Esq. C.E.River Basin Tees & C. - 1Type of Gauge lowAnnual Average 26.2 in. based on 4 years obs. un weighted. Period of average 1881-1915 Ref 2265233File No. 640379/26 ^{10079/49}

Diameter	5"		0.29	5.81							
Height	1'0"			1							
Altitude	158'			47							
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	4.03	1.72	.56	1.87	2.31	.84	2.84	1.19	.67	3.26	20.21
March	2.15	1.43	.52	.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	.88	3.25	2.49	2.23	1.20	.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	3.33	.34	4.14	3.75	4.77	23.76
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	27.57
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. covered for snow. 1947 March 12" & 13" estimated.

1948. 2/19/48 blow machine ref 3501 & 3502 data reported otherwise.

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

BRITISH RAINFALL ORGANIZATION

Station No.

3502

T.F. 42

RAINFALL at

Darlington (Broken Leas)

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County of

Durham

Observer

T. L. R. Winter, Esq. G.E.,
Gen. Valley & Cleveland Water Bd.

River Basin

Tees & C. 1

Type of Gauge

H.O.

Annual Average 26.32 in. based on 4 years obs. un-weighted.

Period of average

1881-1915 Ref.

" " 26.32 " " 28 " " 1928-55.

" " " "

File No.

1916-1935
100.79/49

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Diameter ...	5"			029 581								
Height ...	1' 6"			1					9"			
Altitude ...	158'			51								
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means	Total
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 ...	2.96	2.04	4.57	3.97	.45	6.54	2.91	3.34	.63	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	21.79	
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	29.05	17.73	30.63	243.75	
	D	D	D	D	D	D	D	D	D	D		

Ind. in 1951 1.8.04. P.S. 60° 110' NW. Pond site over-impounded S.W. Bathing site shown on green but turf-wall will likely be necessary. Near N.6.9. 256140.

Position of Station on Ordnance One-Inch map :

No. of Map

National Grid Reference NZ(45) 256140

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 1928	V	V	
		V	V but d 81	V	