

## RAINFALL at Dalmellington, Moorsdale Waterworks

County of Ayr Observer A. S. Gladdie Esq.

River Basin Clyde - left bank trib. 5 Wm Gray Esq. Esq.

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

Diameter ...								5"			
Height .....								1.0			
Altitude ...								764			
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1920- MEANS.
January ...								4.93	7.77	1.79	5.77
February ...								1.89	3.23	2.19	.25
March .....								3.65	4.98	.66	8.17
April .....								2.81	1.54	1.49	1.99
May .....								3.32	1.64	3.15	1.50
June .....								3.82	4.40	2.30	1.94
July .....								7.77	2.46	3.85	4.26
August .....								4.82	4.87	5.38	8.13
September...								6.43	2.31	.91	8.72
October.....								3.98	7.08	7.88	7.06
November...								4.28	5.53	6.60	5.55
December...								2.18	3.53	10.13	6.06
TOTALS...								49.88	49.36	45.33	48.89
								D	D	D	D

N.B. Annual values rejected from Survey leaf 1929.

Position of Station on reduced Ordnance Survey } No. of Map \_\_\_\_\_ Reference No. \_\_\_\_\_

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge
1927			Dalmellington	1½ mi	N.W.	Dalmellington	1½ mi N.W.

RAINFALL at Dalmellington (Mossdale W.M.)<sup>Fallowe</sup>

County of Ayr. Observer W. Gray, Esq., Esq.

River Basin S-W. Doon.

Type of Gauge.

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

Diameter	5"										
Height	1' 0"										
Altitude	764 ft										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	5.10	4.74	3.67	4.55	2.47	6.02	7.81	7.33	4.79	2.15	
February	4.35	1.11	5.81	5.55	5.11	2.26	5.72	3.02	6.30	2.34	
March	1.44	2.46	2.51	2.87	1.77	2.20	1.91	3.57	5.89	6.45	
April	2.08	3.45	1.63	3.31	3.06	1.99	2.08	.74	2.70	2.68	
May	2.48	2.86	3.13	4.25	1.01	2.26	1.68	3.84	1.24	1.95	
June	4.72	1.93	2.48	2.70	4.23	1.48	2.00	7.04	3.26	1.58	
July	4.98	4.45	3.68	2.49	2.31	6.68	4.56	5.24	5.52	6.08	
August	2.08	1.50	2.37	4.83	1.49	2.96	2.50	3.96	4.14	2.99	
September	1.61	5.88	1.43	5.21	5.22	4.06	2.12	6.23	2.46	6.32	
October	3.22	6.65	3.22	7.22	7.60	4.50	3.80	12.40	3.37	6.88	
November	8.54	3.14	2.53	1.84	5.71	4.77	1.69	9.36	10.13	6.70	
December	3.56	5.80	1.19	7.98	4.20	4.53	2.84	6.09	2.61	7.28	
TOTALS	44.24	42.96	33.65	46.80	44.18	42.71	37.71	68.82	52.40	53.40	
	D	D	D	D	D	D	D	D	D	D	D

1932. 10° too low. Authority to examine for lease &amp; if the gauge is sound, to look into the question of a new site

1933. Record found to be quite OK.

1938 Gauge moved 68 ft. N.W. on Feb. 3rd

1940 Toolhouse 7 ft high 42 ft N.

(1927-1938)

Annual Average 37.9° rejected from Survey as 10° too low

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
1931.			Dalmellington	1/2m	N.W.	Dalmellington	1/2m

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

Station No.

5258

RAINFALL at Dalzellington (Mossdale Fitter) 41

County of Ayr

Observer W. Gray, Esq.

River Basin 5-Down

T. W. Leslie Esq., 1947.

Type of Gauge.....

Annual Average 48.6 in. based on 7 years obs. un-weighted. Period of average 1931-1935. Ref. S.

File No. ....

Diameter	5"			642	524						
Height	1' 0"					1					
Altitude	752'					41					
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	1.84	6.19	9.00	6.49	5.41	7.45	7.16	10.67	6.20	4.47	
February	4.32	2.59	5.62	2.63	7.62	3.58	.92	3.78	4.94	4.79	
March	3.37	2.49	2.76	1.00	3.15	2.09	3.82	5.47	3.05	3.55	
April	2.45	2.58	4.27	2.84	2.08	1.77	7.16	3.36	5.55	4.16	
May	5.21	3.23	4.64	3.24	4.15	0.99	4.58	1.41	2.09	2.23	
June	1.08	1.93	4.78	3.82	3.83	2.68	3.24	5.88	.78	3.43	
July	3.83	4.59	2.45	3.23	4.03	4.65	4.27	3.64	2.05	4.99	
August	6.53	4.90	4.51	4.34	2.42	3.86	.23	5.08	4.08	5.65	
September	2.32	6.46	2.74	6.66	7.30	8.91	5.46	5.60	1.97	13.08	
October	5.27	8.34	10.15	6.51	5.82	.81	2.13	5.37	6.38	4.62	
November	5.61	1.58	4.14	8.53	.58	6.75	8.77	3.82	8.31	5.27	
December	3.33	9.33	2.83	8.94	5.32	5.55	3.46	8.52	10.23	2.71	
TOTALS	46.16 D	54.21 D	55.92 D	58.23 D	51.71 D	49.09 D	51.20 D	62.60 D	55.63 D	58.95 D	

1941 Toolhouse 74.42' N.

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	Parish Church.	Distance from gauge.
1941			Dalzellington	1 furl	N.W.	Dalzellington	1 furl N.W.

BRITISH RAINFALL ORGANIZATION

Station No. 5258

RAINFALL at Dalmellington (unossdale Filter) ✓

51

County of Ayrshire

Observer J. W. Leslie Esq.

River Basin S - Doon

Water and Drainage

Type of Gauge Snowdon

6' gauge.

Annual Average 48.6 in. based on 7 years obs. un-weighted. Period of average 1931-1935 Ref. S  
" " 52.32 " " 31 " within 1927-59. " " 1916-50 " S  
File No.

Diameter ...	5"				642	524					
Height ...	1' 0"						1				
Altitude ...	752'						51				
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January	5.76	7.30	2.91	5.76	3.62	4.10	7.31	6.92	2.47	4.33	
February	4.99	2.55	1.96	3.99	2.40	1.42	4.01	5.84	2.39	6.80	
March	4.00	2.32	0.96	3.22	1.74	2.85	4.36	1.17	4.05	2.08	
April	2.89	2.57	2.89	1.43	2.42	1.65	1.98	2.14	4.16	5.27	
May	2.76	2.96	3.19	4.19	3.92	2.08	3.02	3.38	1.66	1.86	
June	1.58	2.83	1.38	4.19	2.46	3.75	1.62	4.00	3.42	3.03	
July	2.99	4.28	5.95	5.82	2.06	6.75	5.86	5.17	6.10	4.72	
August	6.79	4.42	3.72	4.47	1.98	7.67	5.16	6.11	1.47	4.30	
September	5.76	4.18	8.24	8.12	5.51	4.84	4.12	6.20	2.02	3.34	
October	1.31	5.54	5.29	9.83	4.22	4.28	5.39	4.32	8.44	4.24	
November	10.02	3.41	7.35	9.04	4.32	3.10	2.80	1.90	7.63	11.27	
December	9.41	4.46	5.06	8.91	8.40	6.54	6.82	6.16	8.67	6.57	
TOTALS ...	58.26	47.32	48.90	68.97	43.05	48.93	52.45	52.31	52.48	57.81	
	D	D	D	D	D	D	D	D	D	D	

1951 Toolhouse 7' 42" N.  
Lms. 16.10.58 G. sound. Rather exp SE → W. q. moved to present site in 1938  
from far worse site. Overlap with t-w suggested.

1946 Estimated with 31/12/50

1952 up slack.

Position of Station on Ordnance One-Inch map : No. of Map ..... National Grid Reference 261495043

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Parish Church.	Distance from gauge.
1951			Dalmellington	1/2nd NW	Dalmellington	1/2nd NW

Summary of Earlier Records from 10-year Sheets :

+ 37000-1137

Record D, or d		1910-19	1920-30	1931-40	1941-50	1951-60
		C 27 ✓	✓ np 32	✓	✓	✓

72-642525

Air Ministry, Meteorological Office

Station No. 5258/1.

RAINFALL at Dalmellington (Marshall Filters) two sites.

County of Ayr.

Observer Water and Drainage Eng.

River Basin Doon /5.

Type of Gauge

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

52.3

File No.

Diameter	...			642	525			5"		
Height	...					1		10'		
Altitude	...					51		753'		
Year	...	1951	1952	1953	1954	1955	1956	1957	1958	1959
										1960 Means
January	...								2.46	4.56
February	...								2.40	7.08
March	...								4.08	2.06
April	...								4.14	5.33
May	...								1.64	1.90
June	...								3.43	3.02
July	...								6.11	4.71
August	...								1.52	4.32
September	...								2.03	3.37
October	...								8.41	4.24
November	...								7.73	11.14
December	...								8.80	6.57
TOTALS	...								52.81	58.30
									470	D

1960. Fraishaw (?) 80' n.  
1451 up 1000m.

(460 Point)

Position of Station on Ordnance One-Inch map: No. of Map 67. National Grid Reference 26495043.

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/1959.					