

RAINFALL AT

Logan

Lat. _____

Lon. _____

County of

Wigtown

Rain Gauge, by _____

Observer

Scot. Nat. Soc.

Western Galloway - 2.

Kenneth Macdonall Esq.

Diameter ...										7	
Height										0 8	
Altitude ...										80?	
Year ...	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ...									2.89	2.00	
February ...									2.84	2.71	
March									3.85	3.67	
April									2.44	3.75	
May									1.76	1.47	
June									2.63	3.77	
July									2.78	4.43	
August									3.26	1.89	
September ..									4.66	2.39	
October ...								7.13	1.87	7.39	
November ..								5.04	3.58	1.56	
December ...								3.91	6.47	5.49	
TOTALS ...									39.03	40.52	

1908 Portpatrick Station 10 miles N.W.

1909 Kirkmardie Ch. 5 " S

Dunragit Station 11 " NNE

Wire fence 7 ft. high 10 yds W.

Ash trees 60 " " 40 " SE

1909 Corrected for wrong day.

RAINFALL at Logan HouseCounty of HighdownObserver Scott. Meteorological Soc.
R. McDonald Esq. (1911)River Basin Western Galloway 2.1919 Snowdon Rain Gauge, by _____

Diameter ...	7											
Height	0	8			10	1	0					
Altitude ...	80?				80							
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.	TOTALS
January ...	2.15	1.77	4.72	4.38	2.65	1.96	3.42	3.24	3.99	4.45	32.73	15.79
February ...	3.32	2.86	3.37	1.35	3.52	4.21	3.21	1.83	4.01	.97	28.65	10.02
March	1.81	1.11	4.07	3.62	4.00	1.56	1.21	2.43	1.28	3.35	24.44	8.27
April	3.08	3.23	1.29	3.31	1.77	2.45	3.11	2.28	1.27	2.25	24.04	8.91
May	2.28	1.81	1.50	3.44	1.78	1.24	5.80	3.31	3.63	1.80	26.29	4.24
June	1.36	2.93	5.92	2.08	.65	1.07	1.98	1.72	2.20	4.03	23.94	9.93
July	2.74	2.10	3.38	.99	2.76	3.57	2.56	1.87	2.59	.57	23.13	7.5
August	5.90	1.92	4.94	1.17	3.86	1.67	2.76	3.60	3.63	2.97	32.42	12.96
September ...	1.19	1.55	2.11	3.91	1.23	.48	1.67	3.01	6.46	2.91	24.52	14.05
October ...	2.61	3.63	4.95	3.06	1.95	4.53	7.22	7.19	4.30	2.51	42.00	21.22
November ...	7.34	4.48	3.02	5.17	4.77	1.82	3.11	4.40	3.76	3.82	41.69	15.09
December ...	5.65	8.19	4.40	3.71	5.63	6.62	3.24	3.96	6.94	6.79	55.13	20.43
TOTALS ...	39.43	35.58	43.67	36.19	34.57	31.23	39.29	38.84	44.06	36.12	378.98	158.31

1915 Trees 60ft
210ft SE
225° SW

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1911			Dunraget	11 mls.	NE.	Richmond	5 m	

RAINFALL at Lager House

County of Wiflor

Observer H. Mc Donnell Esq.

River Basin 2 Western Galloway.

Shawdon Rain Gauge, by

Diameter ...	8											
Height	1.0											
Altitude ...	80											
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MEANS:	
January ...	5.03	5.49	6.77	3.09	5.81	3.26	4.80	4.90	6.62	2.34	5.41	Totals 53.92
February ...	2.46	.69	4.44	5.92	1.09	4.03	4.07	2.18	3.34	2.64	.86	31.23
March	3.67	3.78	1.39	1.44	2.53	1.18	1.81	4.49	4.46	.89	2.15	27.79
April	2.92	1.12	2.77	2.86	2.41	2.75	1.75	1.95	2.33	1.04	1.59	23.49
May	3.95	1.88	2.34	2.11	3.47	3.93	2.53	2.27	1.28	3.33	1.51	28.60
June	4.23	.48	2.14	1.25	2.72	.39	1.68	3.30	5.96	2.24	2.14	26.43
July	3.60	3.97	3.49	3.40	4.34	2.73	3.08	3.09	3.83	3.48	2.88	37.39
August	3.27	3.91	3.23	6.87	3.91	2.03	3.64	4.31	3.68	5.64	6.68	47.17
September...	3.25	2.30	3.38	3.75	6.03	4.69	2.55	5.86	2.11	.93	4.26	39.11
October	4.80	3.73	2.15	3.79	2.27	3.66	5.21	4.75	7.40	5.39	7.53	51.18
November...	3.01	4.57	2.40	4.02	3.82	2.57	6.23	4.84	6.55	6.13	5.11	49.25
December...	4.72	3.73	2.92	7.44	4.16	4.07	1.73	1.99	4.44	8.48	4.85	48.53
TOTALS...	44.91	35.65	37.42	45.85	42.36	35.29	39.08	43.93	52.40	42.53	43.97	463.69
	0		D	P	P	D	D	D	D	2	D	100

1921. "gangs aller objects."

413

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
1920.			Attontact.			Hickman's	5 m.	
1925			Dunragit	11 m.	N	Hickman's	4½ m.	S

RAINFALL at Logan HouseCounty of WiglowObserver H. McDouallRiver Basin 2 - Western Galloway

Type of Gauge.....

Annual Average 37.3 in. based on 20 years obs. un-weighted. Period of average.....1881-1915 Ref. S

Diameter	8"											
Height	1' 0"											
Altitude	80'											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Totals	Means
January	5.09	2.41	2.63	3.65	3.44	5.08	4.19	4.75	4.72	(5.31)	41.27	
February	2.67	.18	3.51	.56	3.30	2.41	6.10	2.15	2.68	2.76	26.32	
March	1.23	2.14	3.42	2.28	1.43	2.23	1.74	.91	3.57	5.08	24.06	
April	2.09	3.67	1.46	2.53	3.67	1.01	2.42	.43	1.63	3.19	22.10	
May	2.67	2.75	2.49	3.42	.63	3.56	1.74	2.93	1.00	1.72	22.91	
June	5.09	1.66	2.29	1.82	2.68	3.37	2.67	3.67	1.94	1.25	26.44	
July	2.55	3.91	2.30	2.23	1.97	5.36	2.92	4.75	3.77	3.98	33.74	
August	2.37	2.31	1.85	4.07	2.02	3.01	1.93	2.56	2.43	1.46	24.01	
September	3.08	4.27	.73	4.56	4.76	5.10	4.37	3.28	2.69	3.69	36.53	
October	2.86	5.75	3.16	5.18	5.03	3.36	3.26	6.56	3.52	4.40	43.08	
November	7.78	2.75	3.28	2.84	5.77	3.87	1.53	4.98	6.80	6.17	46.77	
December	3.27	5.34	2.50	9.06	4.75	4.59	5.40	4.40	2.70	5.43	47.44	
TOTALS	40.75	37.14	29.62	42.17	39.50	42.95	38.27	41.37	37.45	44.44	393.66	406
	D	D	D	D	D	D	D	D	D	D	D	

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
1931.			Dunsaght	11m.	E.N.E.	Kirkmarden	5m	S.

Station No. 5003

RAINFALL at Wigan House

41

County of WigtownObserver K. MacDonall Esq. *did 1945.*River Basin 2 - Western GallowayMr R Mc Guffey

Type of Gauge

Mr George Steadman 1949.Annual Average 27.3 in. based on 20 years obs. un-weighted. Period of average 1881-1915 Ref. S.

File No.

Diameter	8"		637	802								
Height	1' 0"			1		1' 3"		1' 2"				
Altitude	80'			41						60		
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means	
January	2.78	6.92	6.04	3.76	4.30	6.00	3.83	9.09	3.25	1.89		Total 13
February	3.30	2.46	1.78	1.57	4.80	2.50	.70	1.82	1.67	3.86		47.86
March	3.12	3.87	.81	1.35	1.50	1.90	6.71	2.48	3.06	2.41		24.46
April	1.61	2.56	2.67	2.30	2.20	1.03	3.90	2.16	2.30	3.01		27.21
May	2.88	2.94	3.29	1.60	3.40	1.38	4.56	2.64	1.03	1.40		23.74
June	1.12	0.59	3.15	2.64	3.80	2.77	2.87	3.96	.66	2.75		25.12
July	3.96	3.31	2.07	4.43	2.50	2.45	3.35	3.18	1.75	2.93		24.31
August	6.13	4.01	6.75	3.02	1.03	5.15	.38	3.83	2.33	4.82		29.93
September	2.67	3.66	3.56	6.17	3.10	5.98	3.95	3.91	2.66	6.23		37.45
October	5.44	5.86	5.22	6.42	4.11	.77	1.65	4.19	6.06	3.72		41.89
November	3.87	.70	4.25	6.13	.62	6.12	5.91	3.67	5.29	3.42		43.44
December	1.80	5.44	2.67	4.20	4.70	4.53	2.26	5.27	4.50	2.90		39.98
TOTALS	38.68	42.32	42.26	43.53	36.6	40.58	40.07	46.20	34.56	39.34		38.27

1941 Nothing near to gauge.

1949 Sheds 6-15 ft high all round. Trees 50 ft high 15 ft all round. Wigan House 50' ENE 100' WNW 5 ENE.

1950 No reply to R.O. Blainy's letter to observer. Point well marked "gauge shelter".

1950 Gauge moved 160 yds S. on 11/150. Walls 5', 14' S.E. Trees 70' E SW 60' 25' 50'. House 30', 30' ENE. Sheds 10' 15' 50' N.N.E. & N.

TT404

166.85

11 Gauge shelter.

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.
1941			Dunragit	11 m	NNE	Kirkcubright	4 m	NNW
1949			Dunragit	12 m	N	Andwall	2 m	N.

BRITISH RAINFALL ORGANIZATION

RAINFALL at Logan House

51

County of Wigtown

Observer Mr George Stedman

River Basin 2 - Western Galloway

J. M. Bullidge Esq.

Type of Gauge N + Z 3633

Annual Average 37.3 in. based on 20 years obs. un-weighted.

Period of average 1881-1915

Ref. S

P

40-65 - - 35 - - 1916-1950

File No.

Diameter ...	8"				637	802					
Height ...	1' 2"					1					
Altitude ...	60' 0"					51					
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	4.11	4.33	1.53	4.19	3.63	3.40		3.50	2.32	2.51	
February ...	2.66	.87	1.15	3.66	3.12	1.12		1.07	NR	-1.00	
March ...	3.61	2.00	.65	3.97	1.72	1.50		4.19	NR		
April ...	1.47	1.40	2.15	.68	2.42	1.26		.68	NR		
May ...	2.47	2.20	2.79	1.97	3.32	1.11		4.08	1.23		
June ...	1.30	2.26	1.01	2.94	4.17	2.71		2.50	NR		
July ...	2.58	2.05	6.30	3.91	1.55	3.81		5.54	NR		
August ...	3.99	5.99	2.37	4.51	1.59	7.45		7.18	NR		
September ...	3.33	(2.60)	5.04	5.03	2.80	3.74		3.44	2.29		
October ...	0.69	(4.14)	4.92	7.04	3.12	2.96		4.51	6.23		
November ...	7.36	(3.77)	4.27	7.38	3.50	1.79		7.35	5.62		
December ...	5.43	(3.89)	3.99	5.15	5.19	3.21		4.31	2.63	-1.00	
TOTALS ...	39.00	(35.50)	37.17	50.43	36.13	34.06		48.35	inc.	inc.	
	D	n.p.	D	D	D	n.p.	NR	NR	n/a.	n.p.	

1951 Wall 5', 14' SE; Trees 70', 60' 25' + 30' E, 50' 10'; House 20', 20' ENE; Slats 10', 15' 5' NNE + N.
 1952. n.p. too much est.
 1953. Paint.
 1956. n.p. low.
 1957. No reply to ind. diff.
 1958. n.p. unreliable
 1961. Gauge moved to 5/11/61
 1962. 24.11.60 Q. sound. O/S path on side of prevailing wind SE-S-WNW - trees also 400' in SW - S-SW, 35° W and 30° WNW. Move to good site - 2 feet 50' SE of observatory house
 1960 n.p. incomplete
 1961. Gauge moved to 5/11/61

Position of Station on Ordnance One-Inch map:

No. of Map.....

National Grid Reference NX(25) 936426

Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction from gauge.
1951	54° 45'	4° 57'	Dunrobin	12 m. N	Ardsell	2 m. N.

Summary of Earlier Records from 10-year Sheets:

1916-1950, P - accepted

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
	✓	✓	✓	✓ imp 45.	
	✓ 65 - 10, 12, 14	✓ 65 - 21	✓ 65 - 33	✓ imp. 45	