

Rainfall at Dunblane, Dumfriesshire. S.Y.

50

Observer J. McTosh Authority
by Dr. of Buccleuch

by George
with rec - 3!

Above Sea Level 186

YEAR --	1850	1851	1852	1853	1854	1855	1856	1857	1858	1859	MEANS.
January --								4.00	4.50	7.10	
February --								3.65	2.60	7.10	
March --								4.10	1.40	5.60	
April --								2.50	3.40	3.50	
May --								2.20	5.30	1.60	
June --								2.50	3.10	2.30	
July --								2.40	4.50	3.00	
August --								2.70	4.50	2.30	
September --								3.30	4.40	4.70	
October --								2.60	3.60	6.50	4.00
November --								1.75	3.50	2.00	4.20
December --								8.35	5.50	5.60	4.50
TOTALS -								39.95	48.00	48.90	

7 Ed P. four

C E W C

Drumlanrig

Dumfries.

J. Mc Intosh
S No 3

4 in + qd 65 191 = 6.5

With re - 3.

YEAR --	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -	9.00	5.60	5.50		4.60	4.00				6.20	6.90
February - -	3.80	5.20	1.21		3.00	2.70				8.00	6.30
March - - -	5.00	6.00	4.50		4.00	2.00				7.70	.80
April - - - -	.90	.60	4.90		2.10	.70				4.00	2.30
May - - - -	2.50	1.00	3.30		1.30	6.10				3.40	.60
June - - - -	5.50	3.00	5.30		3.20	.05				1.00	1.20
July - - - -	1.90	4.50	5.50		2.30	2.70				.70	1.10
August - - -	6.10	8.00	5.00		1.10	5.90				4.10	1.60
September - -	1.00	7.50	2.00		7.00	.90				2.50	7.70
October - -	6.80	5.00	9.20		4.20	3.90				5.30	1.90
November - -		7.50	2.50		4.60	3.80				1.10	3.30
December - -	4.60	5.50	8.50		4.60	6.80				6.00	7.80
TOTALS - - -		59.40	57.41		42.00	39.53				50.00	43.50

62 Burham

RAINFALL AT Durrisdeer Drumlanrig Castle

Lat..... Lon..... County of Dumfries.....

Rain Gauge, by..... Observer A. Buchanan Eng'g.....

With &c-3.

Diameter	3										
Height	6										
Altitude	191										
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....	4.40	5.00	11.00	10.10	5.90	11.10	4.80	12.50	5.50	2.00	4.230
February.....	6.20	5.00	7.40	1.20	3.00	2.10	6.70	5.90	3.00	2.70	4.320
March.....	1.60	1.90	3.90	3.70	3.90	2.80	7.30	4.00	2.10	3.60	3.380
April.....	2.20	3.20	2.00	1.15	3.80	2.10	2.90	4.50	3.00	1.20	2.605
May.....	3.90	1.90	3.30	2.30	1.20	2.90	2.10	3.90	4.40	1.10	2.600
June.....	1.70	3.20	8.00	1.60	1.45	5.90	5.00	4.10	2.10	6.20	3.925
July.....	2.00	4.80	4.10	7.70	3.90	2.70	3.10	3.30	2.0	5.10	3.690
August.....	1.11	3.80	4.30	5.90	6.80	3.10	5.40	5.40	3.80	6.40	4.501
September....	4.40	1.20	5.70	4.30	6.60	7.60	4.20	3.80	5.60	5.60	4.900
October.....	+ 7.50	4.70	4.00	8.70	11.10	4.80	8.70	6.80	5.20	2.40	6.330
November....	2.80	2.90	8.40	3.60	6.30	6.40	4.90	10.30	1.30	.80	4.470
December....	2.00	+ 6.30	9.50	3.50	2.28	4.90	8.60	6.00	2.00	3.10	4.818
TOTALS.....	38.81	41.90	71.60	52.15	56.23	56.40	63.70	70.50	38.20	40.20	52.969

C C C

RAINFALL AT DURRISDEER, DRUMLANRIG CASTLE

Lat.

Lon.

County of Dumfries

Rain Gauge, by

Observer A. Buchan, Esq.

W.M.C. - 3.

Diameter	3						4	5	3	
Height	0.6						7		8	
Altitude	191								T	
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889
January	2.30	.20	3.80	8.40	9.10	5.10	6.00	4.10	4.20	2.80
February	6.00	2.00	5.30	6.90	10.00	5.30	1.60	2.30	.50	2.10
March	2.80	1.20	3.80	1.00	5.20	2.10	4.70	2.00	2.10	2.00
April	4.80	.40	2.70	3.50	2.10	3.50	1.70	1.20	.60	1.10
May	1.20	3.10	2.40	2.00	4.60	2.70	2.80	1.30	2.50	2.00
June	1.40	3.40	3.00	2.80	.60	1.00	.30	.20	1.60	1.40
July	3.10	4.00	8.50	2.80	6.70	1.40	3.70	4.30	6.10	6.60
August	4.0	4.00	2.80	5.10	2.50	2.40	2.20	3.00	3.40	4.20
September	8.90	4.30	4.90	5.00	2.20	8.00	5.60	3.40	.30	1.10
October60	3.20	5.40	6.20	2.70	3.20	3.50	.60	2.70	4.70
November	6.00	7.60	7.80	7.50	3.20	2.50	4.30	4.40	8.10	2.20
December	1.30	5.20	2.50	3.40	5.50	1.90	5.40	4.60	4.90	4.00
TOTALS	33.80	38.60	52.90	56.60	54.40	39.30	41.80	31.40	37.00	34.20
										42.000

1887 Morton Church 3 miles SE
 Garden wall 12 ft high 100 ft E

RAINFALL AT Durnisdeer Drumlanrig Castle

Lat.

Long.

County of

Dumfries

with TC - 3.

Rain Gauge, by

Observer

Mr D Thomson

770 D Inglis

Diameter	3		4					5	9		
Height	10								10		
Altitude	1917								186		
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	6.40	4.30	3.10	2.00	4.20	.70	1.90	.50	3.22	6.89	3.321
February40	10	1.20	5.10	9.90	.10	1.40	2.40	4.87	3.82	2.929
March	1.80	2.80	.40	1.20	2.70	2.80	4.00	5.40	1.13	4.27	2.650
April70	1.00	.40	.60	1.20	1.60	1.40	1.80	3.09	4.11	1.590
May	3.50	1.00	3.70	2.60	1.90	.00	.10	1.90	1.79	3.86	2.035
June	4.70	.90	5.30	1.40	2.60	.40	2.50	3.60	1.87	2.56	2.583
July	2.70	.20	1.70	2.30	1.60	4.80	5.10	1.80	.50	5.02	2.572
August	1.80	5.80	7.30	4.40	2.20	4.70	1.20	7.20	4.55	3.17	4.232
September	3.30	5.10	3.10	2.10	.10	.10	4.20	2.60	3.62	4.02	2.824
October	1.30	10.00	4.00	4.20	3.00	3.30	2.50	2.20	4.10	3.76	3.836
November	11.10	4.80	4.20	1.50	4.70	4.80	.50	3.50	4.69	6.97	4.676
December	1.00	5.70	2.10	5.60	4.20	3.20	5.20	9.10	6.22	3.79	4.611
TOTALS	38.70	41.70	36.50	33.00	38.30	26.50	30.00	42.00	39.65	52.24	37.859

(43.10)

1892 March and April much too small

? April May

2 in addn
(Highland Water. XI-11)

18.10

RAINFALL AT Durnisdeer Drumlanring Gardens.

Lat. Lon. County of Dumfries

Rain Gauge, by Observer Mr. D. English

With +c - 3.

Diameter ..	9	5	*	8	5						
Height ..	0.9										
Altitude ..	191				187						
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	M. INCHS.
January ..	5.56	3.02	3.27	5.82	4.36	2.92	5.37	2.38	4.70	6.02	4342
February ..	4.42	1.61	2.24	7.00	3.40	3.06	3.32	3.35	3.42	2.06	3388
March ..	4.45	2.39	3.12	10.07	3.72	5.52	3.21	4.67	6.42	4.17	4374
April ..	3.36	3.55	2.83	1.52	4.74	3.68	1.51	2.20	1.50	4.65	2054
May ..	4.10	3.14	2.14	2.21	3.06	2.40	5.84	4.36	2.75	2.27	3227
June ..	3.82	4.62	1.12	2.20	2.64	2.31	1.81	4.84	3.34	3.32	3002
July ..	2.63	1.45	2.50	4.19	2.94	1.72	2.74	3.27	3.47	4.35	2926
August ..	4.94	5.53	2.00	7.07	5.16	3.68	5.66	4.79	3.76	1.68	4427
September ..	3.43	4.78	2.86	3.84	3.09	1.80	.76	1.00	6.27	2.75	3058
October ..	6.07	5.52	3.02	10.68	2.32	3.25	9.62	9.09	.84	9.09	5850
November ..	5.33	2.91	3.79	4.05	1.52	4.25	3.81	3.79	3.50	1.83	3508
December ..	9.59	5.39	5.96	4.21	3.73	3.95	3.39	5.40	4.24	5.80	5166
TOTALS ..	53.70	43.91	34.85	62.86	40.98	38.54	47.04	48.14	44.21	479946222	

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HNB

RAINFALL at Durnisdeer, Drumlanrig Gardens

County of Dumfries
River Basin Nith H.

Observer Mr. D. Inglis
Scot. Met., Soc.

Rain Gauge, by

Diameter ...	5											SEMS
Height	0.9											
Altitude ...	187	191										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.	16.19
January ...	4.69	2.82	5.33	5.59	4.05	4.26	7.09	3.34	7.10	4.70	4.897	2823
February ...	7.66	6.72	3.92	3.71	8.83	9.12	5.41	1.31	6.68	.93	5.379	1833
March	4.21	1.69	6.60	6.14	6.07	2.04	1.74	2.86	1.59	4.12	3.706	1031
April	3.93	5.16	1.21	5.10	2.54	2.88	3.47	2.63	.63	3.95	3.150	1068
May	2.05	2.58	1.36	5.50	2.55	1.37	3.79	3.12	3.00	1.12	2.644	1103
June	1.80	3.74	4.54	3.12	.42	1.76	1.68	2.44	1.12	2.71	2.233	795
July	5.04	1.83	4.08	.71	3.33	4.93	3.89	1.51	4.08	1.08	3.048	1066
August	9.54	3.32	3.78	1.25	4.80	3.65	6.06	5.22	5.61	3.20	4.543	939
September ..	1.32	1.96	2.08	2.27	1.44	1.54	1.31	4.69	7.29	2.12	2.672	1611
October ...	3.38	4.89	4.21	3.06	2.65	3.19	8.60	7.80	8.51	2.32	4.851	2713
November ..	3.67	6.05	3.87	6.27	6.27	2.58	5.65	6.72	6.16	3.36	4.960	2085
December ...	5.68	9.60	10.10	4.32	8.01	7.53	5.93	2.76	5.58	7.49	6.700	2176
TOTALS ...	52.97	49.86	51.08	47.04	50.86	44.85	53.62	43.40	57.35	37.80	48883	

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Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1911			Thornhill	4 mls.	SE.	Morton	4 mls.	

RAINFALL at Durgadeep (Dumortier)

County of Denton.

Observer at Dr. Triple's. - died 1921

River Basin 3 with *c.

R. Stuart (1921)

R. Stuart (1921)

R. Stuart (1921)

Rain Gauge, by

(1928) R.A.S. Ritchie, Esq.

Diameter	5										
Height	0.9										
Altitude	191										
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	MEANS.
January	7.90	8.03	7.61	(3.33)	5.55	5.06				194	7.73
February	4.84	1.18	4.36	6.25	6.5	5.33				227	3.9
March	5.68	7.29	2.21	2.31	1.40	1.21				100	3.02
April	2.83	1.47	2.89	4.30	3.00	5.62				133	2.39
May	5.17	2.82	3.39	2.71	4.45	6.55				415	2.08
June	2.02	4.48	1.43	1.43	2.14	1.31				227	2.76
July	3.78	3.31	4.74	5.93	5.40	2.92				528	6.09
August	3.88	7.85	2.30	8.43	4.41	3.36				608	7.69
September	4.09	1.22	2.39	5.85	5.58	2.34				2.53	3.69
October	2.66	4.20	2.38	6.20	4.74	5.65				9.18	6.16
November	3.32	2.63	2.80	4.90	3.39	1.81				7.41	5.13
December	4.74	7.29	4.73	4.58	8.85	(5.50)				4.31	11.18
TOTALS	53.91	47.77	41.23	56.12	49.56	45.66				50.67	54.30

1923 Interpolation for 1-3 Jan; Observations informed

1925. Record terminates with Nov. many small falls omitted
and incidence often doubtful. No attempt to adjust
daily values.

1928 Continuation. Edin. Letter 78/2792 89/4/29 f 819174/28

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
1911			Thornhill	4 m.	S.E.	Moston	4 m.s.

RAINFALL at Dumfries (Drumlanrig)County of DumfriesObserver R.A.S. Ritchie

River Basin. 3 - Nith &c.

W.E. Bonne Eqg. (from Aug 1940)

Type of Gauge

Annual Average 43.6 in. based on 35 years obs. un-weighted. Period of average 1881-1915 Ref. Recd N

Diameter	5"											
Height	0' 9"											
Altitude	191'											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	
January	4.84	8.72	6.69	8.10	2.64	6.93	8.82	9.24	5.87	4.60		
February	4.42	1.13	4.47	4.12	6.30	2.58	6.05	3.60	6.81	2.13		
March	1.44	3.15	2.87	2.80	2.19	3.14	2.32	3.18	5.08	5.29		
April	2.17	4.18	1.91	4.37	4.12	1.30	3.73	.59	2.02	2.15		
May	3.79	3.54	3.25	4.08	.90	1.64	2.34	5.31	.75	2.06		
June	7.50	1.91	2.07	2.24	5.97	2.94	3.31	5.83	3.35	1.21		
July	4.82	5.43	5.30	2.65	1.74	4.46	5.60	6.28	6.08	5.90		
August	2.04	1.67	2.60	6.56	2.47	3.26	3.25	2.08	1.62	1.51		
September	1.29	5.44	1.76	6.61	5.83	5.06	2.94	5.50	2.16	4.73		
October	3.54	7.79	3.43	7.31	8.53	5.32	4.31	10.29	3.71	6.80		
November	11.31	3.90	2.26	1.19	6.40	6.11	1.47	9.95	9.00	6.94		
December	5.09	11.39	1.57	9.26	4.48	7.96	4.72	5.04	2.82	8.22		
TOTALS	52.25	57.25	38.18	55.59	51.57	50.70	48.92	66.89	49.57	50.44		
	D.											

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

Station No.

5031

41

RAINFALL at Durrisdeer (Drumlanrig)

County of Dumfries

Observer W. E. Bourne Esq. (Aug. 1940)

River Basin 3 - Nith & C.

Type of Gauge

Annual Average 43.6 in. based on 35 years obs. un-weighted. Period of average 1881-1916 Ref. B of N.

File No.

Diameter	5				621	736				
Height	0.9					1				
Altitude	191					21				
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950
										Means
January	1.52	6.88	6.68	5.79	4.49	6.27	5.83	7.76	5.01	4.00
February	4.54	2.44	4.19	1.63	6.87	3.29	.50	5.05	5.32	4.68
March	3.57	4.37	1.83	0.66	3.58	3.56	4.97	3.89	2.04	5.45
April	1.91	3.17	3.57	2.50	2.34	1.57	7.52	3.21	5.38	3.80
May	4.25	5.21	4.44	2.68	5.88	1.53	5.14	1.70	2.98	1.84
June	1.11	1.16	4.43	3.61	4.34	4.11	4.47	5.28	1.15	3.53
July	3.05	2.94	3.69	4.40	(3.50)	3.70	5.98	2.78	2.66	6.36
August	6.58	5.63	5.54	3.37	(2.00)	3.50	.22	7.19	3.74	8.60
September	2.65	4.60	3.62	5.41	(5.50)	9.72	4.06	7.00	2.81	11.73
October	4.84	5.54	10.12	5.30	5.77	.86	1.62	4.79	6.84	4.06
November	4.58	1.70	3.53	8.38	.37	8.08	6.71	4.66	7.33	4.27
December	2.86	8.90	2.89	7.43	4.07	5.01	2.70	7.47	10.58	2.28
TOTALS	41.36	52.54	54.86	51.16	(48.71)	51.20	49.72	60.78	55.84	60.60
	D	D	D	D	D	D	D	D	D	D

1945 July - Sept. est'd from maps

About 10 p.m. bring this record recommended in 1928. M.O. 8th inst. called to inspect.
[ref. average]

00704

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

Station No. 5031

RAINFALL at Durnisdeer (Durnlannrig)

51

County of Dumfries Observer W. E. Malone, Esq.

River Basin 3 - tributary Master of Works

Type of Gauge ~~1/2 in. dia.~~ M.D. (mm) (1952)

Annual Average 43.6 in. based on 35 years obs. un-weighted. Period of average 1881-1915 Ref. B.C.N.

File No.

(continued)

Diameter	6"	5"			6.21	7.6					
Height	0' 9"	1' 0"					1				
Altitude	191'					51					
Year	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January	6.57	6.54	1.62	5.42	4.30	4.31	7.20	6.37	2.46	4.26	
February	3.53	1.03	1.51	3.78	1.60	1.04	3.64	3.25	1.69	6.15	
March	3.66	3.27	.56	3.34	2.87	2.67	3.56	1.07	3.33	2.02	
April	2.80	2.58	2.22	1.22	2.22	1.26	2.41	1.34	3.82	4.54	
May	2.33	3.56	2.66	5.70	3.18	2.32	2.90	3.66	1.04	2.27	
June	1.60	2.96	1.63	4.02	2.66	3.46	1.51	4.61	3.08	2.52	
July	2.14	5.02	5.88	4.26	2.37	5.62	2.98	4.98	4.86	3.22	
August	8.37	3.07	2.88	4.08	1.65	6.86	3.54	5.38	0.75	3.99	
September	5.04	1.93	5.80	7.18	4.15	4.75	3.69	6.13	1.56	3.83	
October	1.83	5.11	4.42	11.08	3.64	2.99	5.01	3.94	6.25	3.55	
November	11.00	2.80	6.80	10.00	2.45	1.66	2.78	2.53	8.27	7.92	
December	8.65	4.75	5.63	6.02	6.68	5.90	4.50	5.14	8.31	4.77	
TOTALS	56.52	42.62	41.61	66.10	37.37	42.89	43.72	48.40	45.42	49.04	
	D	D	D	D	D	D	D	D	D	D	

Drop 15' Thomson 16.10.52. gauge model 7/12 from site Squeeballow (25' high, 38° N. - overland & 2 feet trees or other vegetation). Present point is 40° E of earlier site and partly 2x as wide. Thermometer post 3" x 3" x 4½" is 15° W.
 Reserve record in junction with gauge needs only 1.15 m. Delivery tube 4 mm. running. Reservoir and gauge measure rainfall K.P.E. - house, 50° W., 30° 40', 45° S + 50° N. Site will be available in 5 years when move to field is required (some moving).

1st Oct 1956. C. sound. Site now off by trees to westward. New site selected in adjoining field.

Annual Average 51.40 in based on 35 yrs 1880-1915 erratic obs. 3-4.2 (Ref. B.C.N. 257852992)

Position of Station on Ordnance One-Inch map : No. of Map National Grid Reference 25/351392

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
		✓	Imp. 22. TR25. Comp 1926	✓	✓	✓ outd 45
		D 1916.7	✓ D 29.6.30	✓		