

## RAINFALL at Knockbrey 1929. Borgue (Coreyars).

County of Kirkcudbrightshire Observer J. Douglas Brown?  
 River Basin Creetwicken Bay 2 W.H.G. Southcombe  
 Showdon Rain Gauge, by R. Mitchell (1929)  
 Newfane, M.R. 3/22 (1929) J. Palmer

Diameter ...	5			5"			5				
Height .....	1	0		1.0			1.0				
Altitude ...	10'	15'		10'			60.				
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	MEANS.
January ...	(570)	6.74	4.52	3.57	5.62 (4.50)	4.90	4.36	9.20	3.03	5.44	Totals.
February ...	(310)	.52	4.28	6.14	.93	5.22	5.50	2.88	3.46	2.12	34.43
March .....	(430)	5.23	1.43	1.49	.73	1.43	2.44	4.12	5.12	1.06	1.84
April.....	(260)	1.46	2.61	2.53	2.01	3.51	1.87	2.29	1.47	1.25	1.72
May .....	(320)	1.81	2.28	1.83	4.44	4.40	2.03	2.26	1.87	2.75	1.38
June .....	(280)	.61	1.78	1.54	2.26	.19	2.15	3.77	6.23	2.04	1.80
July .....	(390)	4.22	4.40	3.44	4.24	2.29	2.52	3.27	3.60	4.27	3.93
August .....	(270)	5.64	3.16	8.57	5.43	4.54	4.38	5.08	5.83	4.96	5.61
September...	(280)	2.55	2.80	4.42	5.96	3.40	2.59	5.31	2.15	.77	4.78
October....	(390)	3.20	1.81	5.20	3.90	4.76	4.61	4.44	8.05	5.61	6.45
November..	(280)	2.43	3.06	5.12 (2.83)	1.75	6.97	5.20	7.78	6.11	5.67	4.972
December...	(390)	4.38	3.95	5.61 (6.41)	4.44	1.52	1.47	4.24	7.92	5.16	4.900
TOTALS.	(4140)	38.79	36.03	49.42 (44.76)	40.43	41.48	44.45	59.00	41.87	44.06	481.74

1921 Five hills 15 ft. high 50 yds. N.  
 Stone arched 12 ft. > 20 yds. E.

1922 Trees from 20 to 60 ft. high 22 (642 yds. N.N.E. E. S.E.)

1924 No. 4 Dec. partly cut.

1929 666 2" gauge moved to Coreyars. Bearings are same as Knockbrey.

Ref. Creetown Carroncay. 1421

46.99: 38.79 100: 8.2

Position of Station on reduced Ordnance Survey Map, 2 miles to 1 inch Series			No. of Map	Reference No.		
Date.	Lat. N.	Long.		Distance from gauge	Parish Church.	Distance from gauge
1920	54° 49'	4° 12'	Kirkcudbright	9 mi NNE	Borgue	4 mi E
2/2/29.			Kirkcudbright	8 m NNE	- 60 -	3 miles E

RAINFALL at Borgue (Conwyard)County of Kirkcudbright.Observer J. Douglas Brown.River Basin Carron & Wigtown Bay.

Type of Gauge.

Annual Average 39.5 in. based on 7 years obs un-weighted. Period of average 1931-1937 Ref S

Diameter	5"												
Height	1' 0"												
Altitude	50'						20						
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940		Total	Mean
January	3.43	4.08	3.89	4.96	2.04	4.30	3.39	5.31	4.60	(3.50)	39.50		
February	3.37	4.41	5.56	3.4	3.71	1.98	6.34	1.66	3.07	(2.00)	28.44		
March	1.93	2.53	2.45	2.75	1.0	2.12	2.04	1.09	(2.78)	(4.94)	22.73		
April	1.85	2.80	1.88	3.29	3.25	1.21	2.60	1.30	1.75	1.91	20.64		
May	2.37	2.80	2.35	3.38	1.42	1.98	1.64	4.08	1.49	1.35	20.86		
June	4.23	1.19	2.26	1.93	3.91	3.55	2.69	4.30	2.31	1.58	27.95		
July	4.94	3.02	2.53	2.31	1.96	5.82	5.29	4.24	4.71	3.40	38.22		
August	2.25	1.92	2.11	4.41	1.65	2.03	1.82	2.52	1.90	1.14	20.78		
September	1.30	4.07	1.02	3.82	4.35	4.45	3.05	4.83	2.18	4.11	33.18		
October	2.88	(6.35)	2.67	5.41	5.99	2.84	2.27	6.28	2.52	3.62	39.83		
November	10.95	3.49	2.27	.86	5.41	4.46	1.79	4.25	2.47	4.03	39.98		
December	2.91	5.76	1.85	8.67	3.05	3.31	3.34	3.21	2.44	2.14	36.68		
TOTALS	41.41	(37.42)	30.84	42.13	36.84	38.05	36.26	42.07	30.22	(33.55)	36.79		
	D	d	d	d	D	d	d	d	D	d			

Oct amended by surrounding stations.

1938 Wall 11' high 30's

1940 { Jan. Feb. corrected for snow. March amended by map  
Oct part estd.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	Direction
1938			Kirkcudbright	8m	E	Borgue	3m	E.

Station No. 5013

41

## RAINFALL at

Bogue (Cossayard) (Roburn) 148

County of Kirkcudbright

Observer T. Douglas Brown, Esq., O.B.E.

River Basin 2-Cree + Wigton Bay

Type of Gauge 11.0.

Annual Average 30.8 in. based on 7 years obs. unweighted. Period of average 1881-1915 Ref. S

File No.

Diameter	5"			630	990						
Height	1' 0"				1						
Altitude	50'	20'			41		50'				
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	1.93	(7.37)	(5.96)	3.70	4.24	5.32	4.36	7.39	1.89	2.06	Totals 44.22
February	2.93	(1.83)	2.45	1.68	4.43	3.16	.60	1.34	2.08	3.76	24.26
March	2.40	4.00	.79	3.9	2.68	3.11	5.25	2.40	2.11	3.40	26.53
April	1.25	1.76	2.13	2.50	2.52	.94	3.64	1.64	2.38	3.34	22.10
May	2.79	4.90	3.80	1.80	3.55	.75	4.27	1.54	.76	1.11	25.27
June	0.76	.89	3.28	2.43	3.07	3.20	1.96	4.20	.58	2.52	22.87
July	(3.00)	2.65	1.96	3.15	2.49	3.22	3.37	3.09	3.12	2.10	28.15
August	.87	3.99	5.61	3.34	1.17	2.47	.14	5.02	2.02	7.07	36.70
September	1.88	3.64	2.19	5.18	3.43	6.24	3.67	4.56	1.99	6.81	39.59
October	3.32	3.37	4.76	5.31	5.09	.84	.70	4.37	4.50	3.14	35.40
November	1.98	.83	2.21	7.38	.26	6.23	3.11	5.40	5.25	2.78	35.43
December	1.40	4.70	3.29	4.07	3.01	3.88	1.85	4.51	3.19	1.70	33.60
TOTALS	29.51	39.93	38.43	40.93	35.94	39.36	32.92	45.46	31.87	39.79	374.14
	d	d	d	d	D	D	hp	D	hp	N.P. 6w	400

1941 March &amp; May 1st-3rd July 2nd.

1942 Jan &amp; Feb ad. for snow.

1943 Jan estimated from near by stations.

1947 Annual total about qtr low.

1948 First with gauge. 1949 n.p. low.

1950 n.p. low. Days have been missed.

Note 12/50 gauge moved about 3 years ago. In centre of field, no objects near. Surrounded by tall wire fence 4 ft high about 6 ft w.g. in all directions

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	Direction
	50°40' 00004		Kirkcudbright	8 1/2 M.	E.	Bogue	2 1/2 M.	E

Station No. 5013

## RAINFALL at Borgue (Robertson)

51

County of Kintail &amp; Bright

Observer J. Douglas Brown, Esq., Q.B.E.

River Basin 2 - Cree + Wigton Bay

Type of Gauge M.O.

Annual Average 39.8 in. based on 7 years obs. un-weighted. Period of average 1881-1915 Ref. S  
 " " 40.61 " " 32 " within 1921-50. " " 1916-50 " S  
 File No.

Diameter ...	5"				630	990					
Height ...	1' 0"						1				
Altitude ...	50'						51				
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	4.31	3.41	1.89	3.59	3.04	2.96	3.56	4.30	1.81	4.30	
February ...	2.32	.89	1.25	3.87	1.76	1.17	3.04	3.54	1.24	3.66	
March ...	3.56	2.36	.52	3.10	2.52	2.09	4.06	1.01	2.30	2.30	
April ...	1.61	1.62	2.69	1.15	2.70	1.30	1.43	1.36	2.64	3.16	
May ...	1.85	2.82	2.92	3.03	3.29	1.49	3.62	3.33	1.24	2.43	
June ...	1.11	2.91	1.61	3.56	4.01	2.59	1.18	4.80	3.14	1.79	
July ...	2.35	2.05	5.63	3.88	2.13	4.32	5.62	4.35	2.94	4.16	
August ...	4.75	3.64	2.80	4.67	1.51	8.63	2.85	4.40	4.48	4.13	
September ...	3.63	2.35	5.15	4.61	2.16	4.18	5.13	4.91	2.08	4.31	
October ...	0.37	5.01	3.90	7.23	2.80	2.29	3.76	4.38	4.87	6.13	
November ...	7.40	2.50	4.90	8.16	2.70	1.23	3.51	3.65	6.70	8.28	
December ...	5.92	3.97	3.43	4.52	5.40	3.53	2.31	4.85	6.77	4.06	
TOTALS ...	39.18	33.53	36.69	51.27	34.02	36.27	41.07	43.98	36.41	48.71	
	N.P.	D	D	D	D	D	D	D	D	D	D

1951. n.p. low. Northern state correspondence established. Disagreement only by 1%.

1952. Lows &amp; K.H.R. P.M.W.

Ins. 13.10.59 G. sound. A little off to SE + W. - slight slope to S

Position of Station on Ordnance One-Inch map : No. of Map ..... National Grid Reference 75/600486

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

Summary of Earlier Records from 10-year Sheets :

1916-1950, P - Rejected (not)

Record D, or d		1910-19	1920-30	1931-40	1941-50	1951-60
		* C1121	/	Vn. 10 + 7,49-50	+ 48	1916-1950, P - Rejected (not)