

# RAINFALL AT *Broadford Durdlestone*

Lat. ....

Lon. ....

 County of *Clare*

Rain Gauge, by .....

 Observer *Capt. Bentley R.A.*
*Shannon R. bank - 3*

Diameter ....						5					
Height ....						1	-				
Altitude ....						164					
Year.....	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January ....							5.32	3.09	2.45	2.87	2.79
February ....							3.20	1.49	.67	2.39	2.51
March .....							3.88	1.58	2.87	1.86	2.34
April .....							3.25	2.17	1.23	3.08	2.09
May .....							5.27	1.80	2.79	3.24	2.34
June .....							2.53	.75	4.43	.91	2.03
July .....							3.80	2.86	4.03	2.28	3.29
August .....							2.57	2.62	2.62	5.16	2.96
September....							3.55	2.72	1.26	1.52	2.55
October .....							4.00	2.22	1.60	3.40	2.73
November....						<sup>4</sup> 2.99	3.64	2.95	2.96	1.83	3.31
December ....						1.94	3.70	3.27	3.43	3.05	3.56
TOTALS ....							44.71	27.52	30.34	31.59	32.50*

600  
*Broadford Church* 385 yards NNE

Tree 20ft high 90ft S.

15ft " 30ft N.

\* Average computed from Ennis and  
 Parsonstown. Monthly distributions from  
 Derry Castle

D Daily values in bound volume shelf C3 room 14.

# RAINFALL AT *Broadford Hindlestown*

Lat. \_\_\_\_\_

Lon. \_\_\_\_\_

County of *Glouce*

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

Observer *Capt Bentley*

*Shannon R. bank - 3.*

Diameter ....	5										
Height .....	10										
Altitude ....	164			167							
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January ....	5.31	1.83	1.56	2.08	3.62	2.09	1.22	1.50	2.01	3.86	2.508
February ....	1.77	.32	1.67	3.02	2.57	.48	1.35	1.62	1.91	2.50	1.721
March .....	2.34	2.37	.62	.51	1.96	2.53	3.25	4.10	.80	1.24	1.972
April .....	.97	2.25	.98	1.05	3.19	1.55	.77	3.85	3.15	2.98	2.074
May .....	2.49	1.95	4.05	1.84	2.75	.93	.23	1.68	3.09	3.15	2.216
June .....	3.09	1.74	1.95	2.35	3.03	.95	2.44	4.27	2.91	1.59	2.422
July .....	3.15	1.11	4.68	2.37	4.54	3.35	4.98	3.39	1.61	2.12	3.130
August .....	3.93	8.44	5.45	4.03	2.92	4.79	2.28	5.84	6.36	2.14	4.618
September...	3.39	3.17	3.72	2.60	.21	1.28	5.28	2.79	3.88	2.93	2.925
October .....	2.54	3.55	1.80	2.74	2.84	3.49	2.48	2.98	2.61	1.72	2.675
November...	4.56	1.97	4.17	1.91	4.34	3.83	1.19	5.60	4.76	2.65	3.498
December ....	2.02	5.06	1.79	3.88	3.37	2.52	4.09	3.68	2.94	6.10	3.515
TOTALS ....	35.56	33.76	32.44	28.38	35.34	27.79	29.56	41.30	36.03	32.98	33.314

1892 Broadford Church 400 yards N.N.E.

Hindlestown shows a decreasing ratio when compared with O'Brien's bridge, from 1886(105) to 1898(53).

D. Daily values in bound volume shelf C3 R.14.

# RAINFALL AT *Broadford, Hurdlestown*

Lat. ....

Lon. ....

County of *Clare*

*Sinnider*

Rain Gauge, by *N. J.*

Observer *Colonel Bentley*

*Shannon, R. Bank - 3.*

Diameter ..	5											
Height ....	1	0										
Altitude ..	1678											
Year ....	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.	
January ..	4.65	2.98	3.42	4.67	3.90	2.56	5.36	1.44	2.86	3.33	3.517	
February ..	3.31	.96	2.37	2.71	4.89	1.84	2.87	2.21	1.95	1.61	2.472	
March ....	.60	2.93	3.01	5.26	2.51	5.03	2.26	2.74	3.48	2.90	3.072	
April .....	2.04	2.58	2.00	1.84	2.09	2.48	1.41	3.40	1.95	5.66	2.545	
May .....	2.37	1.32	2.26	3.77	3.00	1.32	3.55	2.66	3.36	1.92	2.553	
June .....	5.26	2.50	1.40	1.33	2.01	2.09	2.51	3.65	2.19	3.22	2.616	
July .....	2.13	1.33	1.77	4.59	4.11	1.97	3.43	2.51	3.81	3.50	2.915	
August ....	6.69	3.66	1.61	5.21	4.24	4.27	3.46	3.50	5.31	1.30	3.925	
September..	1.41	5.97	2.19	3.77	2.97	2.16	1.35	1.73	6.20	3.21	3.096	
October ....	5.35	3.08	1.87	5.73	3.15	1.93	5.43	4.87	1.95	6.69	4.005	
November..	4.88	3.40	4.90	2.44	2.51	2.95	1.58	4.34	3.06	2.12	3.218	
December ..	4.76	3.15	2.62	5.28	3.36	1.85	3.29	4.42	5.62	4.60	3.895	
TOTALS ..	43.45	33.86	29.42	46.60	38.74	30.45	36.50	37.47	41.74	40.06	37.829	

1904 Plumely Church 500 yards N  
 Limerick Station 12 miles S  
 Six Mile Cross " 9 " S W  
 Nothing within 15 yards from land

1908 Seems to be getting dry.

D Daily values in bound volume, shelf C.3, R. 114.



RAINFALL at Grandford HurdlestonCounty of ClareObserver Col W. A. BentleyRiver Basin Shannon-Peig-Baile 3Snyder Rain Gauge, by Nt3

Diameter ...	5										
Height .....	1.0										
Altitude ...	167 ft				157	167.015					
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	4.07	1.99	3.96	7.10	2.47	5.46	3.29	1.31	3.62	4.88	
February ...	5.55	3.39	2.41	2.46	7.21	5.17	4.72	1.84	5.22	1.75	
March .....	2.93	1.66	4.68	5.15	5.14	.87	1.65	2.88	2.62	2.96	
April .....	3.20	2.25	.99	3.61	2.01	2.32	3.90	2.50	1.19	1.83	
May .....	2.67	2.52	1.56	3.55	1.94	1.29	4.51	3.61	2.69	3.12	
June .....	3.14	2.54	5.69	3.81	1.05	1.15	3.38	2.32	1.83	2.81	
July .....	3.50	3.31	4.53	1.16	4.26	5.50	2.45	2.59	5.05	2.23	
August .....	5.93	2.65	5.79	2.19	5.85	3.16	3.31	9.02	3.67	2.82	
September ..	1.04	3.10	.58	5.74	4.15	2.84	2.39	1.97	8.12	4.19	
October ...	2.92	4.78	3.34	4.13	2.74	4.62	8.61	7.34	5.30	.93	
November ..	4.53	6.05	3.25	5.29	5.64	3.89	5.84	2.93	3.73	2.64	
December ...	3.81	7.70	5.71	3.86	6.85	5.39	4.29	2.85	7.35	6.87	
TOTALS ...	43.89	41.94	42.49	48.05	49.31	41.66	48.34	42.16	50.39	37.03	44.476
	D	D	D	D	D	D	D	D	D	D	

1910-15 Daily values in bound volume, shelf 44, R. 14.

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1911	Grandford 52.48	5.38	Six mile-bridge	9 mls.	SW.	Kilnely	300 yds 400 yds	N N.W.

RAINFALL at Broadford HurdlestonCounty of GlouceObserver Colonel W. B. BailyRiver Basin Shannon, R. bank - 3Lancaster Rain Gauge, by  
(125)

Diameter ...	5			5							
Height .....	1 0			1 0							
Altitude ...	167			167.05							
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MEANS.
January ...	5.80	5.39	4.58	4.04	4.71	5.16	6.75	6.03	6.22	1.89	6.86
February ...	3.83	2.16	6.86	6.30	1.76	6.89	4.18	3.11	4.64	3.62	.96
March .....	4.03	2.64	2.35	3.38	1.27	.95	1.83	4.02	3.16	1.11	5.53
April .....	3.83	1.21	2.85	3.76	4.00	5.27	3.13	1.55	2.85	1.37	1.93
May .....	5.54	3.19	2.65	1.89	4.33	5.40	3.41	1.27	1.39	2.61	1.87
June .....	2.11	.45	2.59	1.70	4.27	.46	3.57	4.79	4.52	2.03	2.84
July .....	5.45	4.32	4.32	5.06	4.76	3.47	5.05	2.70	2.83	3.89	4.05
August .....	2.40	4.67	3.32	6.96	5.21	2.81	3.31	5.73	5.64	6.91	6.21
September...	3.21	2.09	4.80	5.32	3.36	2.51	2.65	5.66	2.81	1.06	3.48
October .....	3.46	2.92	1.31	5.89	5.14	4.86	3.47	3.29	7.36	5.68	6.36
November...	4.59	4.67	2.09	4.89	5.12	2.85	5.75	3.20	6.87	6.18	4.29
December...	3.48	4.87	6.70	5.07	9.12	3.56	1.68	3.73	5.80	8.47	5.08
TOTALS...	48.01	39.59	44.42	54.26	58.10	44.10	45.28	45.03	54.09	44.82	49.46
	3	3	3	3	3	3	3	3	3	3	3

1925. Nothing very near gauge.

1926. Tree 20 ft. high, 15 yds. S.E.

1930. G. moved sixty feet to the N.W., on the same level, on the 11th March, on account of a tree to the S.E. which grew very much in 45 years. This was the first time the gauge was moved.

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
	52° 48'	5° 38'	Five mile Bridge	9 mi	S.W.	Kilnely	20 yds.	N.

RAINFALL at Broadford (Hurdlestown)County of GlouceObserver St. Col. W. A. Bentley died 13.12.36River Basin 3. Severn - Right BankType of Gauge Snowdon

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

7. 850172

Diameter	5"										
Height	1' 0"										
Altitude	167'										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	2.93	4.60	4.21	6.67	1.35	3.59					
February	3.79	1.15	3.05	1.26	2.72	1.87					
March	1.97	2.06	3.76	3.81	2.12	1.79					
April	2.72	2.01	2.08	2.13	2.97	2.32					
May	4.16	3.78	5.66	2.26	1.29	1.17					
June	3.99	1.14	2.30	2.89	5.49	3.71					
July	4.18	3.45	3.37	2.62	1.60	6.94					
August	3.94	2.91	2.12	4.01	3.61	1.47					
September	2.24	4.59	1.57	5.91	6.46	4.72					
October	2.56	4.11	2.03	3.70	4.23	1.92					
November	6.49	2.46	1.17	1.93	4.08	2.78					
December	3.70	5.82	2.45	5.15	1.55 (5.00) #						
TOTALS	42.67	37.68	33.77	41.04	37.47	(37.28)?					

1931. Nothing within 50 yards.

1935 Reported to be low. see correspondence

1937. Col. Bentley died on 13th Dec. 1936.

1936 Dec. estimated by surrounding stations.

1939 Gauge moved 2 mls. W. to Broadford (Woodfield) see f. 748652/38 enc. 83A.

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
	52°48'	5°38' W	Six Mile Budge	9m.	S.W.	Helmsley	300 yds	N.

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