

# Milltown Banbridge

60

Lat.  $54^{\circ} 23' N.$ 

Barom.

John Smyth Jr. A.M. Lon.  $6^{\circ} 18' W.$ 

Mem. J.C.C.S. M.B.C.S.

Mns return

W.B. 8 in copper + Ground 8 in.

Sea Level 200 ft.

Barom. upper - 7.

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -	#	1.57	3.56	3.14	1.38	2.66	3.73	3.73	2.54	3.44	
February - -		1.46	1.06	.83	1.19	2.70	2.12	1.66	2.24	4.06	
March - - -		2.77	2.72	1.73	2.05	2.24	2.53	2.06	2.90	1.86	
April - - -		.60	2.76	1.33	2.09	.59	1.49	3.83	2.14	2.08	
May - - -		.37	3.75	2.55	1.85	4.20	.95	2.07	2.33	2.09	
June - - -		3.45	2.76	2.68	2.60	.50	2.25	1.02	.67	.95	
July - - -		3.78	3.51	.82	1.27	1.55	2.01	6.36	.85	1.44	
August - -		4.21	1.83	3.81	2.35	2.68	2.67	1.97	4.05	1.63	
September -		3.34	1.92	3.01	2.54	.30	3.44	1.70	1.55	3.94	
October - -		2.56	3.62	5.59	2.35	6.02	2.05	4.27	1.82	1.53	
November -		2.10	2.59	2.27	3.47	3.53	2.47	.86	2.51	3.12	
December -		1.59	3.13	1.80	1.96	2.22	2.52	1.60	4.57	3.14	
TOTALS -		27.80	33.21	29.56	25.10	29.21	28.23	31.93	28.11	29.33	

Daily

On much higher ground than the obs?

## Milltown Banbridge

Down.

John Smyth

q. on top of tower of observatory

12 in. ☐

+ Ground 40 ft.

+ Sea Level 240 ft.

Rain, upper - 7 -

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -					4.87	2.43	2.97	2.55	2.07	2.59	
February - -					1.06	2.46	1.89	1.40	2.10	3.64	
March - - -					1.80	1.60	1.74	1.21	2.58	1.60	
April - - - -					2.34	.55	1.26	3.25	1.82	1.73	
May - - - - -					1.76	3.99	.92	2.80	2.11	1.84	
June - - - - -					2.45	.53	2.06	.97	.52	.88	
July - - - - -					1.21	1.54	1.89	6.07	.75	1.34	
August - - - -					2.00	1.98	2.41	1.84	3.56	1.55	
September - -					2.34	.33	3.11	1.56	1.31	3.50	
October - - -					2.28	5.53	1.62	3.64	1.56	1.44	
November - -					2.40	3.37	2.27	.76	1.61	2.79	
December - -					1.74	1.66	2.10	1.25	3.67	2.41	
TOTALS -					22.25	25.97	24.24	27.30	23.66	25.31	

✓ C C C C C C C

RAINFALL AT *Bambridge Milltown*

Lat.....

Lon.....

County of.....*D.own*.....

Rain Gauge, by.....

Observer *J. Smyth, Esq. C.E.**Bann, upper - 7.*

Diameter .....	.8											
Height .....	.8							.8				
Altitude .....	200.											
YEAR .....	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.	
January.....	3.01	3.11	4.09	3.96	1.74	3.91	1.09	5.94	3.07	2.28	3.220	
February.....	2.42	2.82	3.52	1.14	1.78	1.79	3.42	2.36	1.98	1.55	2.278	
March.....	1.07	1.43	2.39	2.31	1.34	.96	2.93	3.60	1.53	2.04	1.960	
April.....	1.11	2.89	4.17	.46	1.68	.38	2.09	3.15	1.39	1.71	1.903	
May .....	1.63	.77	2.65	1.94	.68	1.47	.46	3.45	3.76	3.81	2.062	
June.....	.97	1.76	3.61	1.48	1.12	3.32	1.98	2.36	3.05	3.90	2.355	
July .....	1.79	4.08	3.31	4.13	2.89	3.87	2.05	4.75	.40	6.14	3.341	
August.....	1.60	3.40	4.21	4.41	4.41	2.42	2.86	3.43	2.50	3.81	3.305	
September.....	2.49	3.63	4.37	2.68	2.95	4.65	3.43	2.06	3.27	4.40	3.393	
October.....	7.28	2.34	4.52	2.74	3.62	3.50	4.48	2.70	2.87	1.14	3.519	
November.....	1.80	1.60	4.20	1.80	3.25	3.34	3.49	3.28	1.49	1.27	2.552	
December.....	2.51	1.94	5.56	.65	3.04	1.71	7.66	2.78	1.52	1.27	2.864	
TOTALS .....	27.68	29.77	46.60	27.70	28.50	31.32	35.94	39.86	26.83	33.32	32.752	





000204  
RAINFALL AT Canbridge Milltown

Lat. ....

Lon. ....

County of Down

Rain Gauge, by .....

Observer Smith, Jas. Esq., C.E.

Rain, upper - 7.

Diameter ....	8											
Height .....	0.8											
Altitude ....	200											
Year .....	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.	
January....	98	73	85	3.46	3.76	2.20	3.85	2.46	1.79	1.79	2.287	
February....	2.51	2.76	2.07	3.15	3.37	3.70	2.13	.99	.55	2.07	2.330	
March .....	1.79	2.88	2.43	1.46	2.70	1.62	2.66	1.49	3.41	2.26	2.260	
April .....	3.70	1.75	2.69	1.46	1.92	2.01	1.38	2.03	1.69	3.35	2.198	
May .....	.60	2.58	2.87	1.99	2.14	1.85	5.09	1.49	2.74	3.37	2.472	
June .....	2.93	4.15	3.08	2.10	.79	.70	1.44	.73	4.45	.31	2.068	
July .....	4.76	2.94	4.94	4.67	2.90	1.90	3.52	2.72	4.60	3.77	3.672	
August .....	8.9	4.69	3.58	3.85	1.78	1.42	2.42	2.09	2.66	7.65	3.103	
September....	3.25	2.21	4.29	3.74	3.03	4.60	2.40	3.02	1.03	1.77	2.934	
October ....	1.19	3.53	2.38	2.62	2.44	3.06	4.14	1.88	1.05	3.21	2.550	
November....	2.39	3.78	4.64	3.30	2.47	1.58	2.86	2.48	3.95	1.64	2.909	
December ....	2.58	3.03	2.66	1.87	3.06	2.01	4.36	1.70	2.40	2.86	2.653	
TOTALS ....	27.57	35.03	37.48	33.67	30.36	26.65	36.15	23.08	30.32	34.05	31.436	

# RAINFALL AT Banbridge Milltown

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

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

County of Down

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

Observer J. Smyth Esq. C.E.

Barron, Upper - 7.

Diameter ....	8											
Height .....	0 8									1 0		
Altitude ....	200 T									220		
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January ....	3.28	1.08	2.13	2.74	2.90	1.88	1.69	1.77	1.16	2.87	2.150	
February ....	1.37	.18	1.83	2.53	1.94	.73	1.33	1.76	2.57	2.46	1.670	
March .....	2.71	1.22	.62	.69	1.14	3.12	2.98	4.16	.91	1.42	1.847	
April .....	1.08	2.50	.77	1.05	2.39	2.01	1.25	2.42	3.51	2.86	1.984	
May .....	1.50	3.12	3.40	.92	1.64	.17	.32	1.65	3.69	3.55	1.999	
June .....	2.91	3.00	3.13	1.56	3.51	2.46	2.50	4.54	3.05	2.44	2.910	
July .....	2.06	2.95	2.61	2.72	3.35	4.75	7.40	1.74	.57	3.51	2.166	
August .....	2.60	5.28	5.50	4.34	2.25	5.00	1.95	4.03	3.58	1.24	3.517	
September ...	3.22	1.88	2.94	1.75	.31	.47	4.54	2.12	4.84	3.38	2.545	
October .....	1.45	3.64	3.04	1.76	4.93	3.49	2.09	2.19	3.24	1.76	2.759	
November ....	6.02	2.42	3.45	1.42	1.72	3.36	.75	3.16	2.00	2.84	2.715	
December ....	1.72	3.89	1.78	2.63	2.77	2.81	3.79	3.24	1.87	4.04	2.854	
TOTALS ....	29.92	31.17	31.20	24.11	28.85	30.25	30.59	32.81	30.99	32.37	20.226	

1870 -



# RAINFALL AT *Bunbridge Milton*

Lat. .... Lon. .... County of *Down*

Rain Gauge, by .... Observer *J. Smyth Esq. C.E.*

*Bann Upper - 7.*

Diameter ..	8										
Height ....	0 8										
Altitude ..	200 T										
Year ....	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	2.02	2.85	1.94	4.30	2.80	1.97	2.58	1.02	2.09	1.87	2.344
February ..	2.27	1.42	2.46	1.84	2.92	1.34	2.42	1.45	1.67	1.44	1.923
March ....	.95	2.15	1.58	3.87	1.71	3.57	1.76	2.87	3.30	3.72	2.548
April .....	1.66	2.10	2.64	.88	1.70	2.30	2.28	2.62	2.99	2.77	2.194
May .....	2.67	1.51	3.46	2.30	2.19	1.31	4.28	3.47	1.55	1.24	2.398
June .....	3.18	2.69	2.24	1.23	1.41	2.83	1.02	4.30	2.04	2.03	2.297
July .....	3.01	1.14	3.59	5.95	2.96	1.93	1.91	3.12	3.94	3.03	3.058
August ....	4.80	4.28	2.42	5.08	5.77	5.98	4.09	2.68	2.14	1.89	3.913
September..	1.76	3.48	3.71	3.89	3.21	1.34	.93	.99	3.26	1.80	2.437
October....	3.58	2.59	1.32	4.63	.66	1.17	5.22	4.09	2.70	5.53	3.149
November..	4.87	3.93	3.31	2.07	2.04	2.68	2.62	2.35	2.46	1.11	2.744
December ..	3.25	3.20	2.35	2.26	1.84	1.61	2.77	2.65	2.44	2.69	2.506
TOTALS ..	34.02	31.34	31.02	38.30	29.21	28.03	31.88	31.61	30.58	29.12	31.511

*3. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3.*

*Ans.*

RAINFALL at Banbridge MilltownCounty of DownObserver J Smyth Esq C.E.River Basin Bann Upper 7

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

Diameter ...	8										
Height .....	0 8										
Altitude ...	200 T				2 34						
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	1.80	.60	2.61	2.99	1.03						
February ...	3.68	2.13	3.05	.85	2.61						
March .....	1.38	1.24	2.93	2.43							
April .....	2.54	1.75	1.61	2.52							
May .....	1.89	1.84	1.28	3.27							
June .....	4.31	2.29	6.24	3.08							
July .....	3.98	3.44	3.44	1.66							
August .....	3.81	1.04	5.75	.80							
September ..	1.16	1.42	.70	4.45							
October ...	1.42	2.70	1.92	2.93							
November ..	2.19	2.89	2.40	2.93							
December ...	3.53	4.29	2.80	2.42							
TOTALS ...	31.69	25.63	34.73	30.23							
	D	D			imp.D.						

Date.	Lat. N.	Long. W.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1912	54.23	6.18	Lisnading					



RAINFALL at Banbridge MilltownCounty of DownObserver J. Smyth Esq C.E.River Basin Rann Upper 798 Kennedy Esq (15)

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

Diameter ...				5							
Height .....					1	0					
Altitude ...					260						
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...					1.10	2.37	2.21	1.68	2.86	3.76	
February ...					2.60	3.60	2.80	1.95	3.02	.79	
March .....					2.87	.64	.84	3.27	1.65	2.22	
April .....					1.05	2.46	3.76	1.97	1.12	1.25	
May .....					1.30	1.21	6.10	3.62	2.43	1.92	
June .....					1.59	2.55	1.77	1.28	1.41	2.29	
July .....					2.00	5.15	1.85	2.69	3.80	.31	
August .....					2.62	3.51	3.05	4.56	2.50	3.34	
September ..					1.21	.95	.98	1.62	4.37	2.29	
October ...				3.01	1.17	2.93	6.05	3.63	3.03	1.92	
November ..				3.05	2.94	1.79	3.42	3.11	2.31	1.69	
December...				2.55	5.29	5.17	2.08	2.99	2.96	6.04	
TOTALS ...	2.64	2.82	3.42	3.03	25.74	32.33	34.91	33.27	31.46	27.58	30.76

1918 House 40ft high 40 yds N

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1916 1919	54° 15'	6° 18' W	Penaderg	300 400 yds	S	Banbridge Banbyliron	½ mi	N.W.

RAINFALL at Cambridge, MilltownCounty of DownObserver J. E. Kennedy Esq.River Basin Ram, Upper - 7Inverdon Rain Gauge, by  
(125)

Diameter ...	5			5							
Height .....	1 0			1 0							
Altitude ...	200			200							
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 Mean
January ...	3.38	4.11	2.82	1.95	3.69	2.10	3.87	2.48	3.77	1.41	4.13
February ...	1.80	.66	3.20	4.38	1.16	2.81	2.05	1.35	3.23	1.90	1.30
March .....	3.18	2.24	1.83	1.23	.99	1.04	1.05	2.51	3.31	.29	1.97
April .....	3.38	.99	2.96	2.93	2.37	2.47	1.75	1.31	1.05	1.15	1.49
May .....	2.53	2.39	1.37	1.67	3.93	4.09	2.23	1.38	.97	1.97	1.63
June .....	2.98	.20	2.15	1.34	2.55	.79	1.96	4.54	3.00	2.31	2.13
July .....	3.16	4.83	2.98	2.81	3.94	4.85	3.72	4.14	1.51	2.41	2.77
August .....	2.46	3.92	4.28	5.24	5.14	2.03	3.66	4.57	4.05	4.93	6.05
September...	2.49	.96	2.47	3.36	5.36	3.02	1.83	4.56	2.42	.69	3.36
October .....	5.94	2.47	1.01	2.95	2.70	2.65	2.53	3.20	4.41	2.88	3.99
November...	3.16	2.69	1.05	2.62	2.01	1.94	3.27	3.42	4.23	3.58	2.91
December...	3.23	2.35	2.71	2.82	2.29	2.64	.85	1.83	2.07	5.07	2.85
TOTALS...	37.69	27.81	28.83	33.31	36.13	30.43	28.77	35.29	34.05	28.59	34.58

1923. House Height. Distance. Direction.  
1926. Trees 40 ft. 30 yds. N.W.

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 from gauge	Parish Church.	Distance from gauge	Direction from gauge
1920	54° 15'	6° 18'	Frederick.	40 yds	S.	Tullybril Kelly.	2 mi	N.W.
						000426		

RAINFALL at Banbridge (Milltown)County of DownObserver J. B. Kennedy died 28/1/25River Basin 7 - Barn upperMrs KennedyType of Gauge SnowdonAnnual Average 31.0 in. based on 35 years obs. un-weighted. Period of average 1881-1915 Ref B. 9f 705529/26

Diameter	5"										
Height	0' 7"	1.0									
Altitude	200'										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	2.07	1.96	1.90	2.37	1.35						
February	2.10	.18	2.82	.13	2.88						
March	1.23	1.89	1.76	1.82	.98						
April	2.94	2.35	.67	1.89	1.66						
May	2.67	2.43	2.42	2.22	.92						
June	4.33	1.34	2.93	1.49	2.13						
July	2.74	4.54	2.44	1.98	.86						
August	3.03	2.19	1.53	4.55	1.09						
September	2.07	2.56	1.59	4.45	2.91						
October	1.74	2.96	1.90	3.74	2.98						
November	5.07	1.31	1.08	.85	3.22						
December	2.14	4.24	1.41	4.31	2.60						
TOTALS	32.13	27.95	22.45	29.80	24.58						

1933. House 60' high 100' N.

1934 House 30' high 100 yds N

Record terminated. f 486396/36 no. 22A

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
	54° 15'	6° 18' W	Senaderry.	100 yds.	S.	Presbyterian	1/2 m.	N.W.