

RAINFALL AT *Donaghadee*

70

Lat.

Lon.

County of

Down

Rain Gauge, by

Observer

*The Met. Council**Coast Stream - 4.*

Diameter...												
Height ...									.8			
Altitude ...									1.6			
									15	30		
Year ...	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.	
January ...				3.00	1.60	4.62	1.14	5.74	3.26	2.58		
February ..				1.14	1.07	.93	3.27	2.73	2.13	2.31		
March				2.38	.88	1.86	2.08	1.99	1.27	2.01		
April .....				.21	.81	.33	2.00	3.38	1.67	1.85		
May				2.31	.76	1.79	.53	2.57	4.15	3.63		
June				1.12	.43	4.15	2.57	2.41	2.27	5.29		
July				2.95	2.08	2.60	1.35	3.42	1.81	5.87		
August ...				5.42	5.03	2.65	2.98	2.24	2.67	4.08		
September ..				1.78	2.60	4.99	4.92	1.40	2.34	3.59		
October ...				2.12	3.81	4.52	6.72	3.62	3.47	1.13		
November ..				1.48	5.13	4.42	3.62	3.73	2.77	.99		
December ..				.31	3.82	1.63	7.46	3.00	2.24	1.23		
TOTALS ..				24.22	28.03	33.49	38.69	36.23	30.05	34.56		

*

* 1875 + 1876 = Newtownards, used for purpose of average 27.11 c.

1873 - 76 from Mr. Bracey's record.

RAINFALL AT *Donaghadee*

Lat.

Lon.

County of *Down*

Rain Gauge, by

Observer *The Meteor. Council**Coast Streams - 4.*

Diameter	8										
Height	1.6										
Altitude	30										
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January .....	.72	1.15	1.62	4.41	5.72	2.18	3.58	2.69	3.27	2.40	2.774
February	2.25	3.87	1.67	4.52	4.72	3.42	1.58	.76	.40	2.17	2.536
March	1.85	3.66	2.04	1.34	3.04	2.33	2.89	1.27	3.11	2.34	2.387
April	3.16	1.32	3.02	1.93	1.09	2.99	1.32	2.04	1.32	2.28	2.047
May .....	.85	3.23	2.03	1.78	2.31	2.19	4.78	1.45	2.89	2.41	2.392
June	1.51	3.34	2.22	1.79	1.07	.49	.64	.60	3.19	.48	1.533
July	3.80	2.77	4.02	1.75	4.46	1.97	3.13	2.55	6.03	3.41	3.439
August .....	.62	2.79	2.52	4.27	1.73	2.09	2.14	1.51	3.57	7.29	2.853
September	2.79	2.80	4.02	4.59	3.59	4.46	2.80	3.30	1.40	1.63	3.138
October	1.62	3.40	2.66	2.56	2.18	3.00	4.46	1.57	1.41	2.59	2.539
November	3.93	3.93	4.95	3.33	3.07	1.79	2.81	1.95	4.35	1.69	3.180
December	2.41	4.22	3.82	1.56	3.35	1.16	4.26	2.11	2.59	2.11	2.759
TOTALS	25.51	36.48	34.59	33.83	36.33	28.07	34.89	21.74	33.53	30.80	31.577

1888 Mo. sum 2.27 - Jan.
 } 2.74 - Dec.
 } 32.73 - year

RAINFALL AT *Donaghadee*

Lat. _____

Lon. _____

County of *Down*

Rain Gauge, by _____

Glaescer

The Meteor Council

Coast Stream - 4.

Diameter	8											
Height	16											
Altitude	30											
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January	2.98	.97	3.00	2.49	3.48	2.50	1.38	1.81	1.28	3.43	2.332	
February	1.38	.13	.98	3.33	2.85	2.52	1.23	2.19	2.10	2.87	1.958	
March	1.87	1.63	.81	.74	1.18	3.45	2.18	3.99	1.00	1.63	1.848	
April .....	.65	2.15	.65	1.16	1.91	1.97	1.16	2.63	2.35	3.34	1.797	
May	2.00	2.43	3.67	.99	2.41	.26	.26	1.41	2.63	3.26	1.932	
June	2.33	1.04	3.74	1.65	4.68	1.70	3.23	4.46	3.06	1.96	2.785	
July	1.49	2.07	2.61	2.83	3.84	2.63	7.23	1.38	.41	2.79	2.728	
August	1.69	5.33	5.63	4.18	1.74	5.34	1.70	4.00	4.31	1.50	3.542	
September....	2.57	2.29	1.81	1.44	.35	.31	3.93	3.04	3.95	2.93	2.262	
October	1.37	4.70	3.06	1.71	5.16	3.60	2.01	2.13	3.28	1.97	2.899	
November....	6.76	3.91	3.09	.93	1.30	3.83	1.13	3.03	4.17	2.50	3.065	
December	2.89	3.96	1.92	2.74	2.43	3.32	4.44	4.06	2.00	4.62	2.238	
TOTALS	27.98	30.61	30.97	24.19	31.33	31.43	29.88	34.13	30.54	32.80	20.386	

1880-

RAINFALL AT *Donaghadee*

Lat.

Lon.

County of *Down*

Rain Gauge, by

Observer *The Meteor Council*

Cont Streams - 4.

Diameter ..	8										
Height	1 6										
Altitude ..	30						40				
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	3.14	2.03	1.60	4.33	2.54	1.06	3.15	1.83	2.83	1.28	23.79
February ..	2.76	1.78	2.66	2.45	2.63	1.60	2.07	1.71	1.92	1.84	21.42
March ....	.66	2.07	1.57	4.06	1.51	2.70	1.48	3.18	3.82	3.40	24.45
April	2.73	2.02	2.33	1.03	1.59	2.39	1.35	2.59	2.47	4.61	23.11
May	2.93	1.94	3.25	3.16	2.54	1.06	3.53	4.94	1.79	1.00	26.14
June	2.67	2.54	1.95	1.76	2.32	1.93	1.30	3.71	3.68	2.56	24.42
July	2.89	1.11	2.95	3.43	3.06	1.26	1.90	2.53	2.39	2.82	24.34
August	5.72	2.34	2.55	4.07	4.00	5.28	3.52	2.70	2.27	1.63	34.08
September..	2.06	3.29	3.49	3.01	2.94	1.10	.80	.91	3.86	2.77	24.23
October....	4.00	3.42	1.19	5.50	1.04	2.06	4.44	3.20	1.87	5.65	32.37
November ..	5.29	3.17	4.48	1.86	2.45	4.42	2.06	2.99	1.80	1.11	29.63
December ..	2.92	3.89	2.67	3.20	2.08	1.62	3.00	2.91	3.37	3.42	29.08
TOTALS ..	37.77	29.60	30.69	37.86	28.70	26.48	28.60	33.20	32.07	32.09	31.706

RAINFALL at Donaghadee

County of Down

Observer Metereological Office

River Basin Coast Streams 4

Rain Gauge, by _____

Diameter ...	8											
Height	1.6											
Altitude ...	40				101		102			35		
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.	
January ...	2.15	1.37	3.81	4.43	1.90	2.01	2.32	1.69	3.40	3.74	2.682	
February ...	4.02	1.88	2.81	1.22	3.29	3.54	2.26	1.26	3.52	1.75	2.555	
March	1.62	1.04	2.81	2.74	3.03	.74	1.05	2.05	1.08	3.41	1.957	
April	2.04	2.67	1.08	3.23	1.65	1.22	2.16	1.30	1.35	1.87	1.797	
May	1.94	1.72	1.33	2.59	2.02	1.38	4.19	3.78	3.00	1.44	2.339	
June	1.85	2.33	4.87	3.53	1.52	1.42	1.57	2.44	1.40	3.40	2.433	
July	3.55	1.63	3.35	1.17	2.14	3.94	1.91	1.64	2.75	.33	2.241	
August	4.58	2.46	5.91	.68	2.95	2.44	1.50	3.82	2.53	2.69	2.956	
September ..	1.28	1.53	1.08	2.92	.89	.67	.78	1.80	4.89	2.55	1.789	
October ...	2.11	2.97	3.24	2.49	1.53	3.58	5.21	4.91	3.61	2.87	3.192	
November ..	4.28	3.77	2.65	3.65	2.39	1.88	2.39	2.88	3.30	2.42	2.961	
December ...	4.16	5.55	3.18	2.26	4.83	4.56	2.56	2.48	3.80	6.78	4.016	
TOTALS ...	33.58	28.92	36.12	30.91	28.14	27.38	27.90	30.05	34.13	32.05	30.918	

1911 moved August 5th

Wind. sun. rain.

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.

RAINFALL at DonaghadeeCounty of DownObserver Mr. C. Air Ministry
(Basquard)River Basin Coast Streams - 4

Rain Gauge, by _____

Diameter ...											
Height	1			1							
Altitude ...	35			85							
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MEANS.
January ...	3.95	4.36	4.58	2.19	4.19	2.40	3.88	3.10	5.47	1.98	4.43
February ...	1.93	4.8	3.09	5.34	9.8	4.17	2.99	1.89	3.11	2.61	4.2
March	2.68	2.99	1.31	1.32	1.48	.71	1.07	3.21	4.44	.56	1.65
April	2.45	.93	3.27	3.03	2.58	2.83	1.79	1.26	1.96	1.21	1.31
May	3.07	1.90	1.61	1.18	3.59	4.03	2.13	1.51	1.13	2.95	1.53
June	2.91	.30	2.17	.83	2.30	.30	1.64	3.58	3.79	2.61	2.15
July	3.26	3.55	3.50	3.19	3.19	2.14	2.65	3.74	2.62	2.96	2.76
August	2.31	3.38	2.53	4.82	3.31	1.39	3.11	3.52	4.37	4.31	5.09
September...	3.12	1.82	2.38	3.67	5.27	3.00	1.85	4.36	2.42	.80	3.63
October	6.86	3.41	.98	3.06	2.20	2.94	3.61	3.26	5.59	3.45	4.78
November...	2.04	4.94	1.24	2.69	2.84	1.51	4.13	3.35	4.96	4.99	3.73
December...	4.71	2.14	3.15	4.57	2.95	3.19	1.04	2.57	3.45	6.99	3.37
TOTALS...	39.23	30.20	29.81	35.69	34.87	28.61	29.89	35.35	43.31	35.42	34.85

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° 30'	5° 32'						
						000438		

RAINFALL at Donaghadee (Coastguard Station) M.W.R.County of DownObserver Meteorological OfficeRiver Basin H. Coast StreamsCoastguard (M.O.)

Type of Gauge.....

The Station Officer (M.O.)Annual Average 31.3 in. based on 35 years obs. un-weighted. Period of average 1881-1915 Ref B. 18 (1901)

Diameter	8"											
Height	1' 0"											
Altitude	40'											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	
January	2.58	2.51	2.01	2.77	1.13	4.88	4.29	3.76	3.96	4.53		
February	2.59	1.2	3.54	2.2	2.93	2.32	4.59	1.20	2.44	2.09		
March	1.19	1.47	2.79	1.63	1.29	1.98	2.92	.80	2.79	4.21		
April	1.88	3.15	1.67	2.95	1.70	.85	2.57	.20	1.80	2.87		
May	3.58	2.24	2.43	3.00	.67	1.89	.88	2.31	1.37	1.66		
June	3.78	1.21	1.78	1.42	3.50	2.82	2.44	4.41	1.80	.94		
July	2.71	5.54	2.15	1.56	.84	5.60	2.59	3.87	4.20	4.56		
August	3.30	2.53	2.25	4.72	1.75	2.65	2.76	1.87	2.23	.74		
September	2.32	3.20	.76	5.55	4.05	4.07	1.85	3.05	2.41	2.01		
October	2.06	3.12	2.15	4.31	4.34	2.02	3.49	5.31	3.08	4.97		
November	6.61	1.98	3.11	.98	4.62	3.06	1.69	3.59	5.27	5.02		
December	2.95	5.17	2.48	7.36	3.02	3.45	4.52	3.05	2.99	4.27		
TOTALS	35.55	32.24	27.12	36.47	29.84	35.59	34.59	33.42	34.34	37.86		

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° 38'	5° 22' W						

Air Ministry, Meteorological Office

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Station No. 6202/6

RAINFALL at DONAGHADEE

County of Down Observer C. J. Cunningham, Esq.

River Basin _____

Type of Gauge _____

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

File No. (MO Belfast) 2560

Diameter ...				971 602	5"					
Height ...				1	12"					
Altitude ...				41	40'					
Year ...					1946	1947	1948	1949	1950	Means
January ...					-1.00	3.63	6.82	2.46	1.30	
February ...					-1.00	1.85	1.62	1.27	2.94	
March ...					*-1.00	5.78	1.89	1.99	1.65	
April ...					0.60	2.82	1.41	1.80	2.57	
May ...					1.05	4.68	1.81	2.29	1.02	
June ...					2.00	3.27	3.10	.71	1.44	
July ...					2.34	4.32	2.43	1.85	3.80	
August ...					4.77	.17	3.87	3.45	5.51	
September ...					5.69	2.25	3.63	2.04	5.44	
October ...					1.11	1.80	2.98	7.66	2.99	
November ...					4.21	2.57	2.36	3.82	2.96	
December ...					2.95	2.17	4.78	3.39	4.27	
TOTALS ...					100 inc	35.31	36.70	32.73	35.19	

(D) D D D D 1973



Obtained from N.I. Ministry of Finance, and re-checked alongside Orlock Resvr. obs.
(December, 1960)

Position of Station on Ordnance One-Inch map: _____ No. of Map _____ National Grid Reference I 583802

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

FRB/M036

Station No. 6202RAINFALL at Donghadree (Coastguard Station) M.I.W.R. 41County of DawnObserver The Station Officer (M.O.)River Basin * - Coast Streams

Type of Gauge.....

Annual Average 2.3 in. based on 35 years obs. un-weighted. Period of average 1881-1915 Ref. B. & N.

File No.

Diameter	8"										
Height	1' 0"										
Altitude	40'	30'									
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	163	6.50			3.09						
February	341	2.00			3.06						
March	311	3.59			1.14						
April	153	2.19			1.69						
May	216	3.22			3.77						
June	30	.32			3.86						
July	371	#			3.80						
August	396				.71						
September	210				2.61						
October	413				2.73						
November	280				1.86						
December	167				3.82						
TOTALS	3051	n.p. imp.			3074						

T. 1942 vide from 1854 9.10.42

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.

Air Ministry, Meteorological Office

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RAINFALL at DONAGHADEE Station No. 6202/b

County of Down Observer C. J. Cunningham, Esq.

River Basin _____

Type of Gauge Snowdon

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

File No. (MO Belfast 2560)

Diameter ...	5"										
Height ...	12"										
Altitude ...	40ft										
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	3.81	3.45	0.98	(3.20)	3.34	2.43	3.50	3.98	2.08	3.18	
February ...	2.64	.49	.85	3.30	2.69	.68	1.81	3.54	.75	2.49	
March ...	3.00	1.20	.26	3.62	1.35	1.19	2.90	1.56	2.58	1.93	
April ...	1.36	1.58	1.56	.59	1.65	.62	.97	1.04	1.81	2.62	
May ...	3.01	1.23	1.69	2.29	2.10	.93	1.38	2.91	.92	1.86	
June ...	1.24	1.63	1.16	2.09	3.73	2.35	.69	4.08	2.54	1.97	
July ...	2.52	1.66	4.17	2.88	1.30	3.37	3.03	4.03	2.28	5.51	
August ...	3.92	5.38	2.86	2.55	1.63	5.57	2.99	3.79	1.42	4.45	
September ...	2.02	1.74	2.71	2.99	2.75	3.22	4.03	4.31	1.68	3.27	
October ...	0.23	3.94	1.98	5.20	2.14	1.93	3.38	2.35	3.32	5.07	
November ...	5.54	2.96	3.54	5.04	2.35	1.20	1.31	1.54	2.72	5.24	
December ...	4.30	3.81	2.96	3.92	4.07	(2.50)	3.98	6.31	4.63	2.25	
TOTALS ...	33.59	29.07	24.72	37.67	29.10	25.99	29.97	26.73	39.84		
	D	D	D	d	d	d	d	D	D	D	

Obtained from N.I. Ministry of Finance, and re-checked alongside Orlock Reservoir obs. (December, 1960)



12/1960 site obstructions: Wall 7' @ 12' East.

Rain days	1958	1959	1960
Wet days	194	166	166

Position of Station on Ordnance One-Inch map: _____ No. of Map _____ National Grid Reference J.583802

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

Summary of Earlier Records from 10-year Sheets:

	1910-19	1920-30	1931-40	1941-50	1951-60
Record D, or d					