

# Moneydig Garragh

Lat.  $54^{\circ} 58' N$

C<sup>o</sup>-Derry

H. R. Morrison

g. 5 in diam:  
*casella*  
Barn, lower - 3.

+ Ground Level

Son.  $6^{\circ}37'W.$

+ Sea Level. 120 ft

YEAR --	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January --					# 2.63	4.40	6.00	4.11	4.99	3.37	
February -					1.86	3.07	3.77	3.37	3.22	4.06	
March --					3.58	2.77	2.95	1.66	4.28	2.17	
April - - -					2.27	1.27	1.66	4.75	1.93	2.43	
May - - -					2.09	3.68	1.36	2.75	2.56	2.03	
June - - -					4.19	.71	2.12	2.22	1.01	2.10	
July - - -					1.73	2.20	2.74	5.69	.75	2.09	
August - -					2.23	6.15	4.80	2.33	4.66	1.89	
September -					3.62	.56	4.47	1.94	1.42	4.97	
October -					1.77	4.89	2.50	7.12	3.00	1.97	
November -					4.20	4.00	4.78	1.75	5.50	7.21	
December -					1.59	3.28	4.60	2.47	5.48	5.71	
TOTALS -					31.76	37.86	41.75	40.16	38.80	40.00	

## RAINFALL

Station Monydig No. 98 - 961 613  
 County Dendrondeny (Old No. 6238/5)  
 Authority H. R. Morrison Grid Ref. IC (24) 890170  
54° 59' 40" North + 6° 36' 32" West  
 Altitude 121' DB = 112' Belfast ft.  
 River Basin BANN  
 File 9086/Belfast Tributary Agriey

YEAR	1861	1862	1863	1864*	1865*	1866	1867	1868	1869	1870	TOTAL Means 1864-70
January ...				2.63	4.48	6.00	4.11	4.99	3.37	3.84	29.42
February ...				1.86	3.87	3.77	3.37	3.22	4.06	3.02	23.17
March ...				3.58	2.77	2.95	1.66	4.28	2.17	1.19	18.60
April ...				2.27	1.27	1.66	4.75	1.94	2.43	1.60†	15.92
May ...				2.09	3.68	1.36	2.65	2.56	2.03	2.24	16.61
June ...				4.19	.71	2.12	2.22	1.01	2.10	2.26	14.61
July ...				1.73	2.20	2.74	5.69	.75	2.09	1.84	17.04
August ...				2.23	6.15	4.80	2.33	4.66	1.89	2.07	24.13
September ...				3.62	.56	4.47	1.94	1.42	4.97	2.91	19.89
October ...				1.77	4.89	2.50	7.12	3.05	1.97	7.97†	29.27
November ...				4.20	4.00	4.78	1.75	5.50	7.23	2.20	29.66
December ...				1.59	3.28	4.60	2.47	5.48	5.71	2.74†	25.87
TOTAL ...				31.76	37.86	41.75	40.06	38.86	40.02	33.88†	264.19
Percentage ...											14

## AVERAGE ANNUAL RAINFALL

Actual Estimated from data for:-

1881-1915 in. \_\_\_\_\_  
 1916-1950 in. \_\_\_\_\_  
 in. \_\_\_\_\_

Type and capacity of gauge 5" dia. set 12" above ground

\*NOTES on unorthodox equipment or exposure, inspections, changes of equipment, site or altitude:-

\* 1864-1865 Monthly totals only available from Mr. Morrison's old register. Time 'at or near 9 a.m.'  
 1866 onwards: Daily values available. Copied from old Monydig register, borrowed  
 from Mr. J. Porter (Sept. 1966), corrected for arithmetic errors, etc.  
 J.P.

Earliest year with complete data (D : W : M) 1/1866 (M: 1864-65)

\*NOTES on years with incomplete or unsatisfactory data:-

# Latitude of site checked: 54° 59' 40" N. should be 54° 59' 30" N. from 1962 O.S. map ( $1'' = 1\text{mi}$ ). J.P.

† These values, different from previous 10-yr. shut., are correct on this shut

\*Each note to be dated. Continue notes overleaf if necessary.

Belfast 3/63:500:KW



## RAINFALL

Station Monydig  
 County Londonderry  
 Authority H. R. Morrison

No. 98-961613  
 (Old No. 6238/5)  
 Grid Ref. IC(24) 890170  
 Altitude 121' DB = 112' Belfast ft.

File 9086/Belfast

TP / MWR / m / a

River Basin BANN  
 Tributary Agriey

YEAR	1871	1872	1873	1874	1875	1876	1877	1878	1879	1880	Means
January ...	4.55	6.58	4.56	2.51	5.82	2.11	7.39	4.27	2.40	1.71	4.190
February ...	3.05	3.89	1.29	2.32	1.26	4.42	3.82	1.75	1.82	2.51	2.613
March ...	2.56	3.16	2.29	2.39	1.93	4.92	2.81	2.37	2.18	2.17	2.678
April ...	3.77	3.44	.81	2.48	.26	2.74	2.69	2.40	1.95	3.60	2.414
May ...	1.10	3.44	2.61	1.47	2.05	.34	2.45	4.32	3.78	1.16	2.272
June ...	2.47	4.78	1.61	2.74	2.43	3.02	4.00	3.17	4.58	2.13	3.093
July ...	6.01	2.08	4.82	2.79	2.65	1.74	4.17	.73	4.65	5.12	3.476
August ...	2.70	4.50	5.73	5.03	2.87	4.23	4.91	3.07	3.51	2.63	3.918
September ...	2.94	6.90	3.61	5.20	4.47	3.72	1.83	3.76	4.84	3.62	4.089
October ...	2.70	5.95	4.58	4.40	4.00	4.79	5.03	5.03	1.74	1.52	3.974
November ...	3.84	5.27	2.02	4.33	4.99	3.77	5.64	4.59	1.71	4.85	4.101
December ...	2.62	5.01	2.03	4.63	2.57	5.77	4.50	4.69	2.17	3.73	3.772
TOTAL ...	38.31	55.00	35.96	40.29	35.30	41.57	49.24	40.15	35.33	34.75	40.590
Percentage ...											X

## AVERAGE ANNUAL RAINFALL

Actual      Estimated from data for:-

1881-1915      in.

1916-1950      in.

in.

Type and capacity of gauge      5" dia. set 12" above ground

\*NOTES on unorthodox equipment or exposure, inspections, changes of equipment, site or altitude:-

1877 { House on West 16 yds. High ash. tree 24 yd. SE.

| Evergreen 10 or 12 ft high, 14 yds SW.

Daily values copied from old Monydig register, borrowed from Mr. J. Porter (Sept. 1966),  
corrected for arithmetic errors, etc. *MS.*

Earliest year with complete data (D : W : M)      1/1866      (M. 1864-65)

\*NOTES on years with incomplete or unsatisfactory data:-

\*Each note to be dated. Continue notes overleaf if necessary.

Belfast 3/63:500:KW



## RAINFALL AT Garvagh Moneydig

Lat.....

Lon.....

County of Londonderry.....

Rain Gauge, by.....

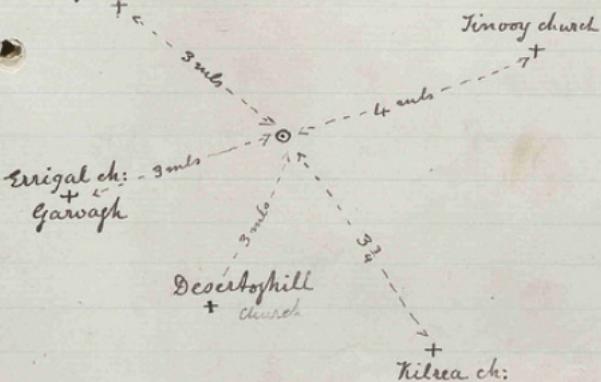
Observer W H Morrison Esq.

Bam, lower - 3.

Diameter	5												
Height	1												
Altitude	121		120										
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS		
January	3.84	4.55	6.58	4.36	2.51	5.82	2.11	7.39	4.27	2.40	4.403		
February	3.02	3.05	3.84	1.29	2.32	1.26	4.42	3.82	1.75	1.82	2.664		
March	1.19	2.56	3.16	2.29	2.39	1.93	4.92	2.81	2.37	2.18	2.580		
April	1.50	3.77	5.44	.81	2.48	.26	2.74	2.69	2.40	1.95	2.204		
May	2.24	1.10	3.44	2.61	1.47	2.05	.34	2.45	4.32	3.78	2.380		
June	2.26	2.47	4.78	1.61	2.74	2.43	3.02	4.00	0.17	4.58	3.106		
July	1.84	6.01	2.08	4.82	2.79	2.65	1.74	4.17	7.34	4.65	3.148		
August	2.07	2.70	4.50	5.73	5.03	2.87	4.23	4.91	3.07	3.51	3.862		
September	2.91	2.94	6.90	3.61	5.20	4.47	3.72	1.83	3.76	4.84	4.018		
October	+ 8.05	2.70	5.95	4.58	4.40	4.00	4.79	5.03	5.03	1.74	4.627		
November	2.20	3.84	5.27	2.02	4.33	4.99	3.77	5.64	4.59	1.71	3.836		
December	2.75	2.62	5.01	2.03	4.63	2.57	5.77	4.50	4.69	2.17	3.674		
TOTALS	33.87	38.31	55.00	35.96	40.29	35.30	41.57	49.24	40.15	35.33	40.502		

1877 House on W 16 rods. High ash tree 24 rods SE  
evergreen 10 or 12 ft high 14 rods S.W.

Aphadowey ch:



## RAINFALL AT Garvagh Money dig

Lat.

Lon.

County of Londonderry

Rain Gauge, by

Observer J. R. Morrison, Esq.

Bann, lower - 3.

Diameter .....	5										
Height .....	1.0										
Altitude .....	1217										
Year .....	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS,
January .....	1.71	85	2.33	5.26	5.69	2.61	5.54	3.12	2.93	3.43	3.350
February .....	2.51	4.79	2.97	4.19	4.28	4.76	2.93	1.76	.96	3.45	3.254
March .....	2.17	4.44	2.76	2.20	4.13	2.42	2.66	1.64	2.77	1.77	2.696
April .....	3.60	1.52	2.63	1.84	1.45	2.71	2.14	2.35	2.00	2.68	2.292
May .....	1.16	2.86	2.47	2.29	3.25	2.91	2.96	2.14	2.56	2.83	2.543
June .....	2.13	4.12	3.54	2.37	1.83	60	2.46	.97	3.83	.61	2.146
July .....	5.12	2.51	6.23	2.68	2.85	1.59	2.94	3.22	5.57	3.74	3.845
August .....	2.63	4.48	3.12	5.73	3.76	2.06	1.62	2.99	4.20	6.95	3.754
September .....	3.62	2.13	4.36	5.60	3.62	5.72	3.61	3.36	1.42	3.36	3.680
October .....	1.52	4.66	2.63	4.15	5.04	4.36	4.00	3.17	2.44	4.36	3.633
November .....	4.85	4.69	6.68	4.70	5.12	1.86	3.38	2.16	4.29	2.48	4.021
December .....	3.73	3.36	4.06	(3.36)	4.36	2.93	6.01	3.40	3.59	3.25	3.809
TOTALS .....	34.75	40.41	45.77	(44.31)	44.38	34.61	40.25	30.28	36.56	38.91	(39.023)

1883 Dec. 11 gauge blown over

## RAINFALL

Station Monydig  
 County Londonderry  
 Authority H.R. Morrison, 1881  
Miss Mary S. Morrison, 1882 (daughter)

No. 98-961613  
 (Old No. 6238/5)  
 Grid Ref. IC(24) 890170  
 Altitude 121' SB = 112' Belfast ft.  
 River Basin BANN  
 Tributary Agriey

File 9086/Belfast

TF / MWR / m / a

YEAR	1881	1882	1883	1884	1885	1886	1887	1888	1889	1890	Means
January ...	.85	2.33	5.26	5.69	2.64	5.54	3.12	2.93	3.43	5.17	3.696
February ...	4.79	2.97	4.13	4.28	4.76	2.93	1.76	.96	3.45	1.14	3.117
March ...	4.44	2.76	2.20	4.13	2.42	2.66	1.64	2.77	1.77	3.08	2.787
April ...	1.52	2.63	1.84	1.45	2.71	2.14	2.35	2.00	2.68	1.74	2.106
May ...	2.86	2.47	2.29	3.25	2.91	2.96	2.14	2.56	2.83	1.72	2.599
June ...	4.12	3.54	2.37	.83	.60	2.46	.97	3.83	.61	2.90	2.223
July ...	2.51	8.23	2.68	2.85	1.59	2.94	3.22	5.57	3.74	3.55	3.688
August ...	4.48	3.12	5.73	3.76	2.06	1.62	2.99	4.20	6.95	3.24	3.815
September ...	2.13	4.36	5.60	3.62	5.72	3.61	3.36	1.42	3.36	3.13	3.631
October ...	4.66	2.63	4.15	5.04	4.36	4.00	3.17	2.44	4.36	2.45	3.726
November ...	4.69	6.68	4.70	5.12	1.86	3.38	2.16	4.29	2.48	9.05	4.441
December ...	3.36	4.05	(3.36) <sup>†</sup>	4.36	2.98	6.01	3.40	3.59	3.25	1.21	3.557
TOTAL, ...	40.41	45.77	44.31	44.38	34.61	40.25	30.28	36.56	38.91	38.38	39.386
Percentage											✓

## AVERAGE ANNUAL RAINFALL

## Actual

## Estimated from data for:-

1881-1915 in.  
 1916-1950 in.  
 in.

Type and capacity of gauge 5" dia. set 12" above ground

\*NOTES on unorthodox equipment or exposure, inspections, changes of equipment, site or altitude:-

Daily values copied from old Monydig register, borrowed from Mr. J. Porter (Sept. 1966), corrected for arithmetic errors, etc. After.

Earliest year with complete data (D : W : M) 1/1866 (M. 1864-65)

\*NOTES on years with incomplete or unsatisfactory data:-

† 1883 Dec. 11<sup>th</sup> Raingauge blown over several times in gale. Day's value not seemingly adjusted. (1883 not published in 'B.R.')

\*Each note to be dated. Continue notes overleaf if necessary.

Belfast 3/63:500:KW



METEOROLOGICAL OFFICE.

## RAINFALL

Station Monydig  
County Londonderry  
Authority H. R. Morrison + Miss M.S. Morrison, 1892.  
H. R. Morrison, 1893.

No. 98-961613  
(Old No. 6238/5)

Grid Ref. 1C(24) 890170 †

Altitude 121' DB = 112' Belfast ft.

River Basin BANN

**Tributary** *Agivey*

**Tributary** *America's National Water Company*

File 9086/Belfast

10

10

1

WUWT

#### AVERAGE ANNUAL RAINFALL

### Actual

Estimated from data for:-

1881-1915

in-

1916-1950

in.

#### Type and capacity of source

5" dia. at 12" above ground

\*NOTES on unorthodox equipment or exposure, inspections, changes of equipment, site or altitude:-

\* 1898 Jan. 1st. Raingauge moved about 42 yds. South (No effective change in Irish Grid Reference of site) No change in altitude.

Daily values copied from old money dig register, borrowed from Mr. J. Porter (Sept. 1966),  
corrected for arithmetic errors, etc. by

Earliest year with complete data (P : W : M) 1/1866 (M. 1864-65)

\*NOTES on years with incomplete or unsatisfactory data:-

\* These values, different from previous 10-yr sheet, are correct on this sheet.

\*Each note to be dated. Continue notes overleaf if necessary.

Belfast 3/63:500:KW



# RAINFALL AT Gawagh Moneydug

Lat.

Long.

County of Londonderry

Rain Gauge, by

Observer

Mrs Morrison

H.R. Morrison Esq

Bann, Lower - 3.

Diameter .....	5										
Height .....	10										
Altitude .....	121										
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January .....	5.17	2.46	3.46	3.09	6.22	3.31	2.14	1.60	1.48	4.12	3.300
February .....	1.14	.17	2.43	3.60	5.98	.62	3.87	2.49	4.85	2.26	2.741
March .....	3.08	3.40	1.03	2.00	2.89	3.06	5.28	4.50	1.62	2.32	2.918
April .....	1.74	1.37	.97	1.84	1.91	1.82	1.99	2.15	5.11	4.37	2.277
May .....	1.72	3.72	3.72	1.08	1.55	.65	.91	2.30	2.94	3.91	2.250
June .....	2.90	1.80	2.98	1.67	2.08	1.61	3.33	6.40	2.57	2.47	2.781
July .....	3.55	3.75	2.62	2.43	4.24	4.29	5.37	2.04	.60	3.20	3.209
August .....	3.24	5.02	5.09	4.31	2.64	4.01	2.67	5.52	3.42	2.81	3.873
September .....	3.13	2.70	2.94	3.46	.31	.81	4.12	2.12	4.05	4.94	2.858
October .....	2.45	3.88	5.17	4.37	3.47	6.16	4.06	2.40	2.93	2.00	3.689
November .....	9.05	4.24	4.76	2.96	3.26	4.25	1.23	2.45	3.43	3.17	3.880
December .....	1.21	4.32	3.54	4.39	4.35	5.45	4.36	5.42	2.99	5.61	4.161
TOTALS .....	38.38	36.83	38.71	34.70	38.90	36.04	39.33	39.39	35.99	41.18	37.945

1898 January 1<sup>st</sup> gauge moved about 42 yards 5

18.70 -

000840

## RAINFALL

Station Moneydig  
 County Londonderry  
 Authority H. R. Morrison

No. 98-961613  
 (Old No. 6238/5 )  
 Grid Ref. 1C(24) 890170  
 Altitude 121' DB = 112' Belfast ft.  
 River Basin BANN  
 Tributary Agirye

File 9086/Belfast

TP / MWR / m / a

YEAR	1901	1902	1903	1904	1905	1906	1907	1908	1909	1910	Means
January ...	3.11	2.15	6.18	5.21	2.43	4.11	(2.75) <sup>†</sup>	2.74	3.38	4.49	3.655
February ...	1.48	2.62	2.78	2.90	3.20	3.14	2.54	3.00	2.65	5.05	2.936
March ...	3.19	2.05	5.41	2.25	4.41	2.69	5.02	4.42	4.28	2.28	3.600
April ...	2.77	2.83	1.81	2.53	2.30	3.26	2.76	3.12	3.59	2.42	2.739
May ...	2.54	3.93	2.73	2.27	1.50	3.32	5.31	2.54	1.80	2.16	2.810
June ...	2.95	2.26	1.57	1.46	1.68	.90	5.13	2.13	2.13	3.02	2.323
July ...	1.95	2.27	4.15	4.26	1.70	1.92	3.21	2.90	3.53	3.77	2.966
August ...	3.96	2.90	5.05	5.88	5.13	5.15	3.91	2.74	2.30	6.32	4.334
September ...	4.06	4.22	4.53	3.25	1.80	1.46	1.09	4.22	2.71	1.33	2.867
October ...	4.18	2.70	7.23 <sup>†</sup>	1.67	2.89	3.43	3.41	2.14	4.30	2.25	3.420
November ...	3.98	4.14	3.43	4.51	3.86	3.62	2.77	3.41	1.85	5.23	3.680
December ...	4.20	4.07	2.63 <sup>†</sup>	2.58	2.65	4.43 <sup>†</sup>	3.65	3.72	3.68	3.69	3.530
TOTAL, ...	38.37	36.14	47.50 <sup>†</sup>	38.77	33.55	37.43 <sup>†</sup>	(41.55)	37.08	36.20	42.01	38.860
Percentage ...											

## AVERAGE ANNUAL RAINFALL

Actual

Estimated from data for:-

1881-1915 in. \_\_\_\_\_  
 1916-1950 in. \_\_\_\_\_  
 \_\_\_\_\_ in. \_\_\_\_\_

Type and capacity of gauge 5" dia. set 12" above ground

\*NOTES on unorthodox equipment or exposure, inspections, changes of equipment, site or altitude:-

1906: Hollybush 9 ft high (distance not given) [observer 83 years of age]

Daily values copied from old Moneydig register, borrowed from Mr. J. Porter (Dept. 1966),  
 corrected for arithmetic errors, etc. Not.

Earliest year with complete data (D : W : M) 1/1866 (M. 1864-65)

\*NOTES on years with incomplete or unsatisfactory data:-

† 1907: January abs. lost. Value estimated by Mr. H.R. Mill of D.R.O.

† These values, different from previous 10-yr. sheets, are correct on this sheet.

\*Each note to be dated. Continue notes overleaf if necessary.

Belfast 3/63:500:KW



RAINFALL AT Garvagh Moneydug

Lat. .... Lon. .... County of Londonderry

Rain Gauge, by N.G.<sup>2</sup> Observer H.R. Morrison Esq  
Bann, Lower - 3.

Diameter ..	5										
Height ..	10										
Altitude ..	127										
Year ....	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	3.55	3.11	2.15	6.18	5.21	2.43	4.11	(2.75)	2.74	3.38	3.561
February ..	3.54	1.48	2.62	2.78	2.90	3.20	3.14	2.54	3.00	2.65	2.785
March ....	1.13	3.19	2.05	5.41	2.25	4.41	2.69	5.02	4.42	4.28	3.485
April.....	2.92	2.77	2.83	1.81	2.53	2.80	3.26	2.76	3.12	3.59	2.789
May .....	3.42	2.54	3.93	2.73	2.27	1.50	3.32	5.31	2.54	1.80	2.936
June.....	5.22	2.95	2.26	1.57	1.46	1.68	.90	5.13	2.13	2.13	2.543
July .....	3.25	1.95	2.27	4.15	4.26	1.70	1.92	3.21	2.90	3.53	2.914
August ....	4.17	3.96	2.90	5.05	5.88	5.13	5.15	3.91	2.74	2.30	4.119
September ..	2.37	4.06	4.22	4.53	3.25	1.80	1.46	1.09	4.22	2.71	2.971
October....	4.71	4.18	2.70	6.23	1.67	2.89	3.43	3.41	2.14	4.30	3.566
November ..	5.43	3.98	4.14	3.43	4.51	3.86	3.62	2.77	3.41	1.85	3.700
December ..	3.65	4.20	4.07	2.51	2.58	2.65	4.39	3.65	3.72	3.68	3.510
TOTALS ..	43.36	38.37	36.14	46.38	38.77	33.55	37.39	(41.58)	37.08	36.20	38.879

D D = D D D D

1906 Garvagh Church 3 Miles

Station 2½ -

Holly Bush 9 ft. high

also 32 years of age

1907 Tamy obs. lost : amount est<sup>2</sup>

## RAINFALL

Station Monydyig No. 98-961613  
 County Londonderry (Old No. 6238/5)  
 Authority H. R. Monison (died 1911) Grid Ref. IC(24) 890170  
 File 9086/Belfast Altitude 121' DB = 112' Belfast ft.  
 River Basin BANN  
 Tributary Agney

YEAR	1911 †	1912 †	1913 †	1914 †	1915 †	1916 †	1917 †	1918 †	1919 †	1920 †	Means
January ...	1.41	(2.66)	(4.66)	(2.59)	(4.88)	(4.57)	(3.18)	(2.96)	(3.97)	(5.20)	
February ...	2.89	(2.97)	(2.59)	(6.13)	(3.60)	(5.13)	(2.83)	(4.80)	(1.12)	(3.10)	
March ...	1.39	(5.28) #	(4.63)	(4.61)	(1.67)	(2.32)	(3.41)	(1.44)	(4.06)	(4.13)	
April ...	(2.43) #	(2.31)	(4.85)	(1.89)	(4.57)	(5.89)	(4.04)	(1.33)	(2.87)	(3.23)	
May ...	(1.02)	(1.61)	(2.86)	(2.06)	(1.18)	(7.43)	(2.86)	(2.06)	(1.70)	(4.37)	
June ...	(1.29)	(6.25)	(3.54)	(- .92)	(1.91)	(2.39)	(1.96)	(2.35) ‡	(3.66)	(1.67)	
July ...	(2.91)	(4.03)	(1.57)	(3.17)	(4.72)	(2.29)	(1.13)	(3.04) ‡	(1.50)	(2.57)	
August ...	(1.90)	(4.37)	(2.09)	(2.60)	(4.63)	(3.39)	(5.52)	(4.37) ‡	(3.47)		9
September ...	(1.94)	(1.35)	(3.62)	(3.19)	(2.22)	(2.30)	(1.83)	(6.09) ‡	(3.38)		9
October ...	(2.96)	(3.85)	(3.24)	(1.57)	(2.46)	(6.80)	(8.92)	(5.06) ‡	(2.53)		2
November ...	(4.77)	(4.75)	(5.51)	(5.80)	(3.78)	(6.33)	(5.92)	(3.76) ‡	(5.27)		2
December ...	(6.05)	(5.79)	(4.89)	(6.46)	(6.03)	(3.28)	(4.32)	(5.19) ‡	(8.03)		2
TOTAL ...	(30.96)	(45.80)	(44.05)	(40.97)	(41.43)	(52.12)	(45.92)	(42.45)	(41.56)		2
Percentage	[33.35]	[45.20]	[36.70]	[41.75]	[36.20]	[40.70]	[42.85]	[43.70]	[37.80]		2

## AVERAGE ANNUAL RAINFALL.

1881-1915 38.83 in. Actual

1916-1950 42.43 in.

Estimated from data for:-  
 # 1911-1950 to complete 35 years.  
 1934-1956 (23 yrs) weighted to 35 years

Type and capacity of gauge 5" dia. set 12" above ground

\*NOTES on unorthodox equipment or exposure, inspections, changes of equipment, site or altitude:-

1-3/1911 Copied daily values from old Moneydig register, borrowed from Mr. J. Ashe (dept: 1966), corrected for arithmetic errors, etc. J.W.

# Values in square brackets are "estimated annual totals" used for Averages 1881-1915 based on Garvagh (Woodbank)  $\times \frac{100}{116}$  factor.

Earliest year with complete data (D : W : M) 1/1866 (M. 1864-65)

\*NOTES on years with incomplete or unsatisfactory data:-

† April 1911 - July 1920. Monthly values copied from old Moneydig diary (not the old register from which daily values were copied). Origin doubtful. Some not in good agreement with "Woodbank", neither do they fit maps. # These values are identical with "Londonderry (Dunrudd)" data. No obvious link with other stations for other months.

\*Each note to be dated. Continue notes overleaf if necessary.

Belfast 3/63:500:KW



RAINFALL at Garvagh Moneydig

County of Londonderry

Observer H.R.Morrison

River Basin Basin Lower 3

*Rain Gauge, by*

Diameter ...	5										
Height .....	10										
Altitude ...	121 T										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January .....	4.49	1.41	2.64	4.66	2.59	4.88	4.57	3.18	2.96	3.97	
February .....	5.05	2.89	2.97	2.59	6.13	3.60	5.13	2.83	4.80	1.12	
March .....	2.28	1.39	5.28	4.63	4.61	1.67	2.32	3.41	1.44	4.06	
April .....	2.42	2.43	2.31	4.85	1.89	4.57	5.89	4.04	1.33	2.87	
May .....	2.16	1.02	1.61	2.86	2.06	1.18	7.43	2.86	2.04	1.70	
June .....	3.52	1.29	6.25	3.54	0.92	1.91	2.39	1.96	2.35	3.66	
July .....	3.77	2.91	4.03	1.57	3.17	4.72	2.29	1.13	3.04	1.50	
August .....	6.32	1.90	4.97	2.09	2.60	4.63	3.39	5.52	4.37	3.47	
September .....	1.33	1.94	1.35	3.62	3.19	2.22	2.30	1.83	6.09	3.38	
October ...	2.25	2.96	3.85	3.24	1.57	2.24	6.80	8.92	5.06	2.53	
November ...	5.23	4.77	4.75	5.51	5.80	3.78	6.33	5.92	3.78	5.27	
December ...	3.69	6.05	5.79	4.89	6.44	6.03	3.28	4.32	5.19	8.03	
TOTALS ...	42.01	30.96	45.80	44.05	40.97	41.43	52.12	45.92	42.45	41.56	42.82.7
		(33.35)	(45.26)	(36.70)	(41.75)	(36.20)	(40.70)	(42.15)	(3.70)	(37.33)	39.406

Values below were worked up for Rate of averages section V

120-15 credits for workbooks

Formattito 1916-19

23

33.35 36.70 36.20 42.15 37.30

39-906

Note The values supplied by Mr. Porter, from old records, found in the house, are not in good agreement with Woodlamb particularly for 1913, 1915, 1916, 1918 & 1919. June & Oct. 1918 are clearly copied from Penruddock. All other totals have probably been derived from the figures given in the original account books. The following figures are based on the above.

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction
						Answer values to be derived for present. S.H. House 3.349		

(GARVAGH (Monydig))

METEOROLOGICAL OFFICE.

## RAINFALL

Station Monydig  
 County Londonderry  
 Authority J. Porter

No. 98-961613  
 (Old No. 6238/5)

Grid Ref. 1C(24) 890170  
 Altitude 121' DB = 112' B ft.

File 9086/Belfast MWR / m / w

River Basin BANN  
 Tributary Agivey

YEAR	1921 <sup>†</sup>	1922 <sup>†</sup>	1923 <sup>†</sup>	1924 <sup>†</sup>	1925	1926	1927	1928	1929	1930	Means
January ...		(4.95)	(4.84)	(3.69)							
February ...		(5.19)	(4.64)	(2.02)							
March ...		(1.87)	(2.85)	(.56)							
April ...		(3.88)	(3.03)	(4.46)							
May ...		(1.32)	(2.63)	(5.23)							
June ...		(.57)	(2.62)	(1.79)	(3.70)						
July ...			(4.01)	(2.95)	(3.51)						
August ...			(3.61)	(6.65)	(4.28)						
September ...			(3.03)	(5.93)							
October ...			(1.52)	(5.44)							
November ...			(3.28)	(6.04)							
December ...			(4.71)	(5.05)							
TOTAL, ...			(39.99)	(57.32)							
Percentage											

## AVERAGE ANNUAL RAINFALL

Actual

Estimated from data for:-

1881-1915 in. \_\_\_\_\_

1916-1950 in. \_\_\_\_\_

\_\_\_\_\_ in. \_\_\_\_\_

Type and capacity of gauge (5" dia.)

NOTES on unorthodox equipment or exposure, inspections, changes of equipment, site or altitude:-

Earliest year with complete data (D : W : M) (see 1864-1911)

\*NOTES on years with incomplete or unsatisfactory data:-

† See notes at foot of 1911-1920 decadal sheet. Origin doubtful.

\*Each note to be dated. Continue notes overleaf if necessary.

Belfast 3/63:500:KW



## RAINFALL at Garveagh (Moneydug)

County of Londonderry

Observer - Morrison Esq

River Basin Bann Lower 3

Type of Gauge

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

Diameter	5										
Height	10										
Altitude	121										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	5.20	4.95	4.84	3.69							
February	3.10	5.19	4.64	2.02							
March	4.13	1.87	2.35	.56							
April	3.23	3.88	3.03	4.46							
May	4.37	1.32	2.63	5.23							
June	1.67	57	2.62	1.79	3.70						
July	2.59	4.01	2.95	3.51							
August		3.61	6.65	4.28							
September		3.03	5.93								
October		1.52	5.44								
November		3.28	6.04								
December		4.71	5.05								
TOTALS		39.99	51.34								

Rainfall values, 1920-24 partly imp. were received from the Observ. M.S.J. Park. at Omagh. Dist. ab Moneydug (see also previous decade)

These values do not fit the graph & have probably been adjusted from Derry road.

H.P.

Observation were carried on by Mr. H.P. Morrison who died in 1918

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

## RAINFALL

Station Moneyclog  
 County Londonderry  
 Authority J. Porter

No. 98-961613  
 (Old No. 6238/5)  
 Grid Ref. 1C(24) 890 170  
 Altitude 121' DB = 112' B ft.  
 River Basin BANN  
 File 9086/Belfast MWR M-F-A Tributary Agivey

YEAR	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	TOTAL MILLIMETERS 1934-40
January ...				3.77	2.24	4.65	6.50	5.12	3.54	2.49	28.31
February ...				.57	4.44	1.75	4.72	2.65	3.11	2.46	19.70
March ...				2.29	1.20	2.43	2.37	2.19	3.97	4.24	18.69
April ...				3.11	2.69	.99	3.09	2.25	2.20	4.56	16.89
May ...				2.96	1.05	1.29	1.59	2.85	1.05	1.20	11.99
June ...		# 2.94	2.02	5.19	1.81	2.20	3.89	4.21	1.34	20.66	
July ...		2.03	3.10	1.22	6.96	5.38	5.22	4.76	3.74	30.38	
August ...		2.33	5.26	2.13	2.78	4.80	2.33	1.69	1.50	20.49	
September ...		1.12	6.13	4.47	5.15	3.23	3.05	2.65	3.71	28.39	
October ...		4.27	5.74	6.70	3.41	2.34	7.17	2.23	4.84	32.43	
November ...		2.03	1.39	5.77	4.41	1.44	6.40	4.88	5.26	29.55	
December ...		2.38	4.70	3.69	4.74	3.51	4.73	3.77	6.25	31.39	
TOTAL ...			inc.	41.04	40.79	40.37	41.17	45.85	38.06	41.59	288.87
Percentage ...											x

## AVERAGE ANNUAL RAINFALL

1881-1915	38.83	in.	Actual	Estimated from data for:-
1916-1950	42.43	in.	P	1911-15 Est'd to complete 35yr.
		in.		23ys (1934-56) adjusted to 35y.

Type and capacity of gauge 5" Snowdon (B.R.O.)

\*NOTES on unorthodox equipment or exposure, inspections, changes of equipment, site or altitude:-

1933	Alum tree 18' high, 39° NE.	The present gauge is in almost
	Apple tree 15' high, 50° SE.	the same place as the original
	Dwelling houses 28' high, 63° S.W.	one
	Plum tree 20' high, 40° N.W.	

Earliest year with complete data (D : W : M) 6/1933 (Parler records 1864-1911)

\*NOTES on years with incomplete or unsatisfactory data:-

Each note to be dated. Continue notes overleaf if necessary.

Belfast 3/63:500:KW



RAINFALL at Gawagh (Moneydug) M.W.R. (1938)County of Londonderry.Observer J. Postle Pg.River Basin Carrickfergus, -3Type of Gauge SnowdonAnnual Average 38.83 in. based on 30 years obs. ~~unweighted~~. Period of average 1887-1915 Ref. St. 18 (1940)

c. 1933

L252287/133

Diameter	5										
Height	10										
Altitude	121										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	388	344	232	377	2.24	4.65	6.50	5.12	3.54	2.49	3795
February	322	20	326	57	4.44	1.75	4.72	2.65	3.11	2.46	2638
March	49	199	212	2.29	1.20	2.43	2.84	2.19	8.97	4.24	9329
April	280	373	102	3.11	2.69	1.99	3.09	1.25	2.20	4.56	2444
May	327	201	129	2.96	1.05	1.29	1.69	2.85	1.05	1.20	1856
June	427	127	2.94	202	5.19	1.81	2.20	3.89	4.21	1.34	2914
July	253	459	2.03	3.10	1.22	0.96	5.38	5.22	4.76	3.74	3953
August	222	250	2.33	5.26	2.13	2.78	4.80	2.33	1.69	1.50	2754
September	238	339	1.12	6.13	4.47	5.15	3.23	3.05	2.65	3.71	3528
October	287	466	427	5.74	6.70	3.41	2.34	7.17	2.23	4.84	4423
November	473	303	2.03	1.39	5.77	4.41	1.44	6.40	4.88	5.26	3934
December	289	441	2.38	4.70	3.69	4.74	3.51	4.73	3.77	6.25	4057
TOTALS	35.05	35.22	27.11	41.04	40.79	40.37	41.17	45.85	38.06	41.59	38.625

1933. Plum tree 18' high SSW.

Apple tree 15' high S.E.

Dwelling houses 25' high SSW.

Plum tree 20' high N.W.

1931-33 taken from Coleraine (Ingledean)

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
1933			Gawagh	2.2m	S.W.	Gawagh	5m	S.W.

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

Station No. M. 6238/5

## RAINFALL at Garvagh (Moneydug) M.W.R.

41

County of Londonderry Observer J. Porter Esq.

River Basin Bann Lower - 3

Type of Gauge Snowdon

Annual Average 38.81 in. based on 30 years obs. unweighted. Period of average 1881-1915.

Ref. 59.18 (f9+1)

C.1933 File No. X

Diameter	5"				961	613					
Height	1' 0"					1					
Altitude	121'					41					
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	1.46	7.16	5.36	3.71	4.46	4.79	5.01	5.34	3.59	3.32	4.420
February	3.50	2.19	3.29	1.56	3.64	3.81	1.70	2.73	3.02	2.98	2.742
March	2.97	2.86	1.27	1.34	1.07	1.67	4.01	2.60	2.79	2.12	2.289
April	1.35	2.12	3.22	2.26	1.72	1.10	4.46	2.26	3.46	5.68	2.662
May	2.56	4.01	3.47	1.95	4.66	1.29	4.52	1.90	3.04	1.50	2.790
June	0.44	1.02	3.66	3.08	4.38	4.51	5.63	3.78	1.17	2.70	3.037
July	3.17	5.13	2.06	4.81	5.09	4.80	3.62	2.99	2.84	6.21	3.962
August	4.91	4.66	5.75	2.55	1.75	4.85	.31	3.85	3.00	5.28	3.691
September	.92	5.83	3.66	6.14	3.18	5.76	2.87	4.49	3.12	8.26	4.423
October	5.02	4.01	3.22	5.20	3.89	1.46	2.16	3.76	5.64	4.43	3.885
November	5.30	1.19	4.23	4.83	7.0	3.73	6.58	2.53	4.70	2.86	3.605
December	2.57	5.37	2.85	5.36	4.01	4.25	2.44	6.27	5.92	5.28	6.432
TOTALS	34.17	45.60	42.04	42.29	38.75	42.02	42.30	42.50	39.69	50.62	41998

The record of rainfall at Moneydug commenced in 1866. The present rain-gauge is in short to same place as the original one, which was made by Gaskell. From 1866 to 1874 see file I-104.

Position of Station on reduced Ordnance Survey Map, No. of Map..... Reference No. ....

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

(SARVAGH (Monydrig))

METEOROLOGICAL OFFICE.

Duplicate

## RAINFALL

Station Monydrig  
 County Londondeonny  
 Authority J. Porter

No. 98- 961613  
 (Old No. 6238/5)  
 Grid Ref. 1C(26) 890170  
 Altitude 121' DB = 112' B ft.  
 River Basin BANN  
 File 9086/Belfast MWR m-a Tributary Agriey

YEAR	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January ...	1.46	7.16	5.36	3.71	4.46	4.79	5.01	5.34	3.59	3.32	4.420
February ...	3.50	2.19	3.29	1.56	3.64	3.81	70	2.73	3.02	2.98	2.742
March ...	2.97	2.85	1.27	1.34	1.27	1.67	4.01	2.60	2.79	2.12	2.289
April ...	1.35	2.12	3.22	2.26	1.72	1.10	4.45	2.26	2.46	5.68	2.662
May ...	2.56	4.01	3.47	1.95	4.66	1.29	4.52	1.90	2.04	1.50	2.790
June ...	0.44	1.02	3.66	3.08	4.38	4.51	5.63	3.78	1.17	2.70	3.037
July ...	3.17	5.13	2.06	4.31	5.09	4.80	3.62	2.99	2.24	6.21	3.962
August ...	4.91	4.66	5.75	2.55	1.75	4.85	31	3.85	3.00	5.28	3.691
September ...	9.92	5.83	3.66	6.14	3.18	5.76	2.87	4.49	3.12	8.26	4.423
October ...	5.02	4.07	3.22	5.20	3.89	1.46	2.16	3.76	5.64	4.43	3.885
November ...	5.30	1.19	4.23	4.83	70	3.73	6.58	2.53	4.70	2.86	3.665
December ...	2.57	5.37	2.85	5.36	4.01	4.25	2.44	6.27	5.92	5.28	4.432
TOTAL, ...	34.17	45.60	42.04	42.29	38.75	42.02	42.30	42.50	39.69	50.62	41.998
Percentage ...											

## AVERAGE ANNUAL RAINFALL

1881-1915	38.83	in.	Actual
1916-1950	42.43	in.	P
		in.	

Estimated from data for:-

1911-15 Estd to complete 35 yrs.  
23 yrs (1934-56) adjusted to 35 yrs.Type and capacity of gauge 5" Showdow (BRO)

\*NOTES on unorthodox equipment or exposure, inspections, changes of equipment, site or altitude:-

Earliest year with complete data (D : W : M) 6/1933 (Earlier records 1864-1911)

\*NOTES on years with incomplete or unsatisfactory data:-

\*Each note to be dated. Continue notes overleaf if necessary.

Belfast 3/63:500:KW



Station No. M. 6238/5

51

## RAINFALL at

Garagh (+Moneydug)

County of Londonderry

Observer J. Porter Esq.

River Basin. 3 - Bann - Lower

Type of Gauge. Standard

Annual Average 39.8 in. based on 30 years obs. un-weighted. Period of average 1881-1915 Ref. S.9.18(1915)  
 42.43 " " 23 " " 1934-1956 1916-1950 P  
 File No.

Diameter ...	5"				961	613					
Height ...	1' 0"						1				
Altitude ...	121'						51				
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January	4.52	6.57	1.47	3.74	3.95	(4.31)	5.66	5.27	2.94	3.77	4.220
February	3.66	1.94	1.63	4.21	4.04	1.48	3.06	5.05	.74	4.88	3.072
March	2.67	2.09	0.57	3.18	.81	1.27	2.75	1.51	3.06	1.68	1.959
April	1.63	1.29	2.30	1.08	2.39	1.24	1.37	2.16	3.27	2.56	1.929
May	1.71	1.88	2.38	5.11	3.41	1.38	1.94	2.42	1.72	2.37	2.432
June	3.44	2.20	2.82	3.28	2.98	3.34	2.05	4.28	2.75	3.13	3.027
July	3.79	1.87	5.15	3.42	1.09	5.57	6.62	5.26	3.26	6.22	4.225
August	4.83	5.35	3.90	3.16	.63	6.54	4.05	4.96	1.08	5.87	3.987
September	2.75	3.49	3.47	5.00	4.38	3.68	5.34	3.57	1.18	2.54	3.541
October	1.61	5.03	2.91	5.19	3.89	3.99	3.99	2.95	4.89	3.52	3.797
November	6.65	4.27	3.31	5.24	2.17	3.16	1.49	1.73	3.67	2.93	3.462
December	5.70	4.99	3.85	6.27	5.07	3.64	5.70	3.95	5.21	3.56	4.794
TOTALS ...	42.96	40.97	33.76	48.38	34.84	39.60	44.02	43.11	33.77	42.54	40.445
	D	D	D	D	D	D	D	D	D	D	

July 1 1956 R.B.Buchanan. House 45° 55' 96W SW. True 25°, 45° ESE. 4' round. No better site

40004

000722

Position of Station on Ordnance One-Inch map : No. of Map ..... National Grid Reference IC(24) 890170

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-accepted

Record D, or d		1910-19	1920-30	1931-40	1941-50	1951-60
				Cirrh. 1923 D 34-40		

(GARVAGH (Moneydig))

METEOROLOGICAL OFFICE.

## RAINFALL

Duplicate

Station Moneydig  
 County Londonderry  
 Authority J. Porter

No. 98 - 961613  
 (Old No. 6238/5)  
 Grid Ref. 1C(24) 890170  
 Altitude 121' DB = 112' B ft.  
 River Basin BANN  
 Tributary Agivey

File

9086

TP

MWR

m/s

YEAR	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	4.52	6.57	1.47	3.74	3.95	(4.31)	5.66	5.27	2.94	3.77	4.220
February ...	3.66	1.94	1.63	4.21	4.07	1.48	3.06	5.05	.74	4.88	3.072
March ...	2.67	2.09	0.57	3.18	.81	1.27	2.75	1.51	3.06	1.68	1.959
April ...	1.63	1.29	2.30	1.08	2.39	1.24	1.37	2.16	3.27	2.56	1.929
May ...	1.71	1.88	2.38	5.11	3.41	1.38	1.94	2.42	1.72	2.37	2.432
June ...	3.44	2.20	2.82	3.28	2.98	3.34	2.05	4.28	2.75	3.13	3.027
July ...	3.79	1.87	5.15	3.42	1.09	5.57	6.62	5.26	3.26	6.22	4.225
August ...	4.83	5.35	3.90	3.16	.63	6.54	4.05	4.96	1.08	5.37	3.987
September ...	2.75	3.49	3.47	5.00	4.38	3.68	5.34	3.57	1.18	2.55	3.541
October ...	1.61	5.03	2.91	5.19	3.89	3.99	3.99	2.95	4.89	3.52	3.797
November ...	6.65	4.27	3.31	5.24	2.17	3.16	1.49	1.73	3.67	2.93	3.462
December ...	5.70	4.99	3.85	6.27	5.07	3.64	5.70	3.95	5.21	3.56	4.794
TOTAL, ...	42.96	40.97	33.76	48.88	34.84	39.60	44.02	43.11	33.77	42.54	40.445
Percentage ...											X

## AVERAGE ANNUAL RAINFALL

1881-1915      38.83      in.      Actual  
 1916-1950      42.43      in.      P  
 —                —      in.

Estimated from data for:-  
 1911-15      63std to complete 35y.  
 23yo (1934-56)      adjusted to 35y.

Type and capacity of gauge      5"      Snowdon (BRO)

\*NOTES on unorthodox equipment or exposure, inspections, changes of equipment, site or altitude:-  
 1956 Oct. INSPECTION (E.A. Buchanan) House 45° 55' SW-WSW, Tree 25'  
 45' ESE 9. round No better site

Earliest year with complete data (D : W : M)      6/1933 (Earlier records 1864 - 1911)

\*NOTES on years with incomplete or unsatisfactory data:-

\*Each note to be dated. Continue notes overleaf if necessary.

Belfast 3/63:500:KW

