

## RAINFALL AT Morpeth Bothal Aug 80

Lat.

Lon.

County of

Northumberland

Rain Gauge, by

Observer

Hon. &amp; Rev. N.C. Ellis

Coquitt 5 Garden Daily

Diameter .....	5										
Height .....	10										
Altitude .....	359										
Year .....	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January .....	28	1.66	1.01	2.01	3.43	1.38	3.87	1.40	2.20	1.11	1.835
February .....	1.18	4.25	.85	1.52	1.07	.81	1.45	.46	1.25	1.05	1.388
March .....	2.00	3.36	1.08	2.01	2.05	2.30	2.84	2.12	4.04	3.36	2.516
April .....	1.54	1.30	3.07	1.30	1.64	2.20	1.86	1.07	1.94	3.00	1.892
May .....	1.60	1.70	1.30	1.78	1.46	3.06	2.97	2.23	.62	1.84	1.856
June .....	1.20	1.70	3.72	2.50	.60	1.26	1.56	.35	2.60	.31	1.579
July .....	3.89	3.55	3.44	5.39	4.38	1.09	3.30	1.92	4.86	2.65	3.447
August .....	94	5.61	4.43	2.68	.72	3.09	1.50	1.87	2.55	4.69	2.808
September .....	4.30	4.98	1.68	3.34	1.78	3.01	2.31	5.05	1.36	1.71	2.957
October .....	4.45	3.95	3.43	1.79	1.51	4.78	4.06	2.36	.90	4.29	3.152
November .....	2.73	1.93	3.03	1.68	1.79	1.71	3.93	2.75	4.99	.62	2.516
December .....	3.82	2.31	3.57	2.15	2.26	1.08	3.59	3.99	.91	1.17	2.485
TOTALS .....	27.98	36.30	30.61	28.15	22.69	25.76	33.24	25.56	28.22	25.80	(28431)

1881. Bothal

200 yards N.W.

Apple tree 12 ft high 21 ft W.

1882 Gauge moved slightly to a more open space  
Bothal Church 300 yards N

1880, 81, 82 Returns probably "corrected" by readings of other gauges

## RAINFALL AT Morpeth, Bothal &amp; Coquet 80

Lat.

Lon.

County of

Northumberland

Rain Gauge, by

Observer Mr &amp; Mrs N.C. Ellis

Coquett 5

Garden Monthly

Diameter .....	5	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January .....	.32				2.08		3.53	1.22	1.84		.99	
February .....	1.30				1.64		1.20	.37	.96		.60	
March .....	2.10				1.75		2.01	1.89	3.60		3.31	
April .....	1.50				1.24		1.73	.92	1.84		2.70	
May .....	1.63				1.65		2.84	2.20	.55		1.37	
June .....	1.22				2.50		1.50	.32	2.52		.27	
July .....	3.96				5.39		3.19	1.81	4.20		2.70	
August .....	1.00				2.57		1.45	1.72	2.46		4.40	
September....	4.50				3.54		2.22	4.86	1.36		1.83	
October.....	4.85				1.73		3.86	2.32	.92		4.39	
November....	3.20				1.70		3.79	2.52	4.17		.66	
December ....	4.20				2.30				3.97		1.28	
TOTALS .....	29.78				28.18				24.12	25.32	24.50	

1880. Bothal

200 yds

N.W.

apple tree - 12 ft high 21 ft W.

## RAINFALL AT Morpeth Bothalhaugh

80

Lat. ....

Lon. ....

County of Northumberland

Rain Gauge, by

Observer Hon<sup>ble</sup> & Rev. Mr. C. Ellis

Bequet 5

Lawn Daily

Diameter ....					5					
Height ....						10				
Altitude ....				126?	135?					
Year .....	1880	1881	1882	1883	1884	1885	1886	1887	1888	MEANS.
January .....	1.12	2.04	3.25		3.60	1.12	2.14		.99	
February .....	3.59	1.50	1.11		1.18	.36	1.03		.95	
March .....	2.84	1.58	2.19		1.80	1.74	3.32		3.16	
April .....	1.08	1.33	1.67		1.59	.89	1.78		2.92	
May .....	1.56	1.77	1.39		2.85	2.06	.63		1.71	
June .....	1.54	2.53	.61		1.42	.23	2.46		.31	
July .....	3.05	5.32	4.31		3.23	1.79	4.55		2.44	
August .....	4.50	2.63	.70		1.51	1.70	2.49		4.36	
September .....	4.17	3.82	1.74		2.06	4.48	1.22		1.56	
October .....	2.93	1.63	1.38		3.79	2.01	.86		4.25	
November .....	1.63	1.57	1.64		3.54	2.40	4.72		.59	
December .....	1.99	2.19	2.20		3.48	3.59	.84		1.19	
TOTALS .....	30.00	27.41	22.19		30.05	22.47	26.04		24.43	

## RAINFALL AT Morpeth Bothalhaugh

Lat. ....

Lon. .... County of Northumberland

Rain Gauge, by

Observer Frank R. C. Ellis

Coquet 5' Lawn Monthly

Diameter ....											
Height .....											
Altitude ....				125?							
Year .....	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January....				1.95	3.09	1.16	3.39	1.32	1.83	.91	
February....				1.43	1.03	.75	1.04	.33	1.05	.70	
March.....	2.79			1.61	1.95	2.18	1.73	1.82		3.24	
April.....	1.17			1.27	1.57	2.14	1.58		1.80	2.86	
May.....	1.75			1.68	1.16	2.85	2.73	1.99	.57	1.67	
June.....	1.67			2.41	.53	1.17	1.38	.25	2.83	.26	
July.....	3.31			5.43	3.53	1.01	2.68	1.69		2.36	
August.....				2.58	.67	(2.99)	1.40	1.64	2.42	4.31	
September....	5.10			3.64	1.72	2.89	2.14	4.58	1.28	1.60	
October....	4.20			1.55	1.27	4.68	3.86	2.04	.84	4.17	
November....	1.95			1.52	1.60	1.64	3.38	2.41		.57	
December....	1.90			2.25	2.12	.92			.90	1.14	
TOTALS....				27.32	20.24	(24.38)				23.79	

RAINFALL AT Morpeth Boshalhaugh Garden

Lat.

Long.

County of Northumberland

Rain Gauge, by

Observer Hon. & Rev. W.C. Ellis

Coquet 5

Diameter .....	5										
Height .....	0 10										
Altitude .....	35?										
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MENS.
January .....	2.50	1.13	1.15	1.54	1.17	4.55	1.10	1.94	.91	2.26	1.825
February .....	1.35	.11	2.29	3.25	2.60	.87	.66	1.30	.99	1.48	1.490
March .....	2.17	3.30	1.56	.51	.85	3.02	2.46	3.49	1.42	1.78	2.056
April .....	.63	1.45	.90	.41	1.15	1.18	.80	1.53	2.91	3.19	1.415
May .....	2.00	2.25	3.27	1.10	2.36	.54	.90	1.18	2.39	3.41	1.940
June .....	3.02	.70	3.32	.93	3.13	2.45	2.07	3.20	2.14	2.37	2.233
July .....	1.27	3.52	1.92	3.12	2.09	5.27	2.93	1.38	1.18	2.82	2.550
August .....	6.31	4.99	4.29	2.18	2.73	3.15	1.98	2.91	2.14	1.53	3.221
September .....	2.09	2.22	2.78	1.97	.59	.66	2.65	2.98	.34	3.22	1.950
October .....	1.86	2.26	4.19	.93	4.45	4.92	6.73	1.82	4.58	1.60	3.331
November .....	3.66	3.10	1.67	2.95	.82	1.74	1.83	2.39	3.16	1.83	2.315
December .....	1.57	3.31	1.08	.98	1.84	1.95	5.75	2.64	1.58	4.02	2.472
TOTALS .....	28.43	28.34	28.42	19.87	23.78	30.30	29.86	26.76	23.74	29.51	26.901

215.76

1880 -

# RAINFALL AT Morpeth Rothallough Garden

Lat.

Long.

County of Northumberland

Rain Gauge, by

Observer Hon &amp; Rev W.C. Ellis

Beckett's Monthly

Diameter .....		5								
Height .....		10								
Altitude .....							35			
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899 MEANS.
January .....	2.51	1.11	1.16	1.47	1.34 (4.50)	1.15			.82	2.26
February .....	1.35	.14	2.30	3.10	2.55	.85	.62	1.33	1.07	1.30
March .....	2.33	3.44	1.50	.50	.87	3.04	2.69	3.34	1.47	1.85
April .....	.62	1.58	.82	.34	1.22	1.16	.80	1.62	2.76	3.08
May .....	2.22	2.19	3.23	.89	2.41	.52	.83	1.13	2.36	3.24
June .....	3.19	.80	3.25	.98	3.01	2.48	2.07	3.15	2.10	2.39
July .....	1.25	3.70	1.93	2.95	2.09	5.32	2.67	1.33	1.07	2.59
August .....	6.21	5.15	4.25	2.07	2.70	3.10	2.06	2.76	2.09	1.62
September .....	2.35	2.27	2.70	1.94	.47	.64	2.60	2.96	.33	2.92
October .....	1.88	2.38	4.30	.98	4.82	4.98	6.65	1.74	4.74	1.68
November .....	4.17	3.16	1.62	2.95	.83	1.67	1.64	2.35	3.18	1.70
December .....	2.07		1.09	.98	1.86	1.96	5.65	2.68	1.52	4.21
TOTALS .....	30.15		28.15	19.10	24.17 (30.22)	29.43	mp	23.51	28.84	

1895 January gauge burst by frost.

# RAINFALL AT Morpeth Bishallhaugh Lawn

Lat. \_\_\_\_\_ Lon. \_\_\_\_\_ County of Northumberland  
 Rain Gauge, by \_\_\_\_\_ Observer Hon & Rev W C Ellis

Coquett 5

Diameter .....	5										
Height .....	10										
Altitude .....	135	130						137			
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January .....	2.25	.91	.98	1.44	1.24	4.45	1.17	1.88	.86	2.12	1.720
February .....	1.27	.07	2.16	3.07	2.79	.85	.63	1.33	.95	1.40	1.152
March .....	2.01	3.23	1.44	.45	1.03	2.99	2.61	3.38	1.27	1.77	2.018
April.....	.56	1.47	.82	.44	1.25	1.26	.80	1.54	2.63	3.05	1.382
May .....	1.93	1.95	3.81	1.06	2.38	.55	.83	1.16	2.32	3.35	1.878
June .....	2.90	.63	3.06	.55	3.11	2.50	2.02	2.90	1.98	2.31	2.226
July .....	1.15	3.35	1.90	3.03	2.19	5.27	2.73	1.26	.92	2.63	2.443
August .....	5.99	4.66	4.20	2.09	2.84	3.15	1.84	2.71	2.06	1.54	3.108
September....	2.09	2.11	2.68	2.00	.57	.64	2.59	2.86	.30	3.01	1.885
October.....	1.55	2.16	4.14	.95	4.68	4.78	6.47	1.76	4.46	1.47	3.242
November....	3.59	2.95	1.61	2.93	.85	1.70	1.74	2.20	3.08	1.68	2.233
December....	1.42	2.92	1.06	.93	1.76	1.98	5.35	2.33	1.61	3.50	2.286
TOTALS.....	26.71	26.41	27.36	19.18	24.69	30.12	28.78	25.31	22.44	27.83	25.882

## RAINFALL AT Morpeth Bothalhaugh Lane

Lat. \_\_\_\_\_ Lon. \_\_\_\_\_ County of Northumberland

Rain Gauge, by

Observer Hon. &amp; Revd C. Ellis

Coquett &amp; Morpeth

Diameter .....	5										
Height .....	10										
Altitude .....	135										
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January .....	2.45	.84	1.02	1.34	1.22	4.55	1.11	2.05	.81	2.18	1.759
February .....	1.85	.10	2.13	3.10	2.56	.84	.63	1.22	1.03	1.20	1.116
March .....	1.97	3.57	1.49	.44	1.00	3.01	2.85	3.20	1.32	1.76	2.061
April .....	.51	1.13	.88	.38	1.16	1.19	.79	1.64	2.70	2.85	1.323
May .....	2.15	1.87	3.59	.93	2.35	.51	.80	1.09	2.29	3.12	1.870
June .....	2.86	.60	3.50	.74	3.06	2.51	2.05	2.88	1.96	2.18	2.234
July .....	1.13	3.21	2.02	2.98	2.12	5.25	2.64	1.22	.85	2.57	2.399
August .....	5.75	4.71	4.48	1.96	2.81	3.20	1.83	2.67	1.97	1.51	3.089
September .....	2.00	2.04	3.09	1.86	.53	.63	2.65	2.74	.31	2.81	1.866
October .....	1.62	2.16	4.32	.88	4.76	4.86	6.34	1.70	4.21	1.44	3.229
November .....	3.51	2.88	1.94	2.65	.81	1.69	1.64	2.27	2.95	1.61	2.195
December .....	1.56	2.86	1.07	.98	1.81	2.00	5.33	2.31	1.54	4.03	2.049
TOTALS .....	26.86	25.97	29.53	18.24	24.19	30.24	28.66	24.99	21.94	27.26	25.785

1893 February .50 in. added for Snow.

# RAINFALL AT Morpeth Rosedalough Garden

Lat. 55° 10' N.

Lon. 1° 37' W.

County of Northumberland

Rain Gauge, by

Observer Hon. Rev. W. C. Ellis  
absentee

Couplet - 5.

Diameter ..	5										
Height ..	0.10				1.10						
Altitude ..	359										
Year ..	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	M.EANS.
January ..	3.94	1.77	.86	3.13	1.77	.39	2.28	.74	1.57	1.51	1796
February ..	4.88	1.46	1.30	1.18	2.04	.84	1.09	1.36	1.57	1.71	1743
March ..	2.17	1.86	.97	1.05	1.39	1.75	1.12	1.03	2.90	4.74	1898
April ..	1.42	.84	1.33	1.67	1.29	2.98	.67	1.53	2.47	2.96	1716
May ..	1.67	3.40	2.97	1.95	2.90	1.24	5.25	4.04	1.92	2.08	2742
June ..	4.71	1.44	2.46	2.55	2.17	.48	1.58	3.06	.52	1.90	2087
July ..	2.42	2.65	2.37	4.10	1.02	1.40	1.97	1.21	2.35	2.84	2433
August ..	6.00	4.01	1.94	3.08	3.12	2.91	3.79	2.63	2.36	3.01	3285
September ..	.95	1.04	.95	2.40	1.18	1.26	.55	.48	2.17	1.88	1286
October ..	6.87	1.88	2.31	9.52	.46	2.97	5.39	5.40	1.65	2.50	3895
November ..	3.68	4.93	1.16	2.64	3.97	5.09	2.57	1.86	1.70	1.06	2866
December ..	1.97	3.69	3.88	2.51	2.14	.46	2.95	3.38	1.76	3.71	2645
TOTALS ..	40.68	28.97	22.50	35.78	23.45	21.77	29.21	26.72	22.94	29.90	28.192

D D D D D D

Morpeth Station

H.W.

RAINFALL AT Morpeth Bothalhaugh Garden

Lat.  $55^{\circ} 10' N.$  Lon.  $1^{\circ} 39' W.$  County of Northumberland

Rain Gauge, by M. Coquet - 5.

Observer. Hon. & Rev. W. C. Ellis

Diameter ..	5										
Height ..	0.10										
Altitude ..	35										
Year ..	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	4.04	1.95	.91	3.15	1.78	.38	2.28	.71	1.50	1.51	1.821
February ..	4.97	1.57	1.35	1.16	2.08	.81	1.05	1.39	1.50	1.71	1.758
March ..	2.34	1.95	.99	1.09	1.47	1.74	1.10	1.04	2.83	4.74	1.929
April ..	1.43	.88	1.31	1.61	1.24	3.03	.64	1.53	2.43	3.06	1.716
May ..	1.60	3.44	3.06	1.93	2.82	1.20	5.31	4.11	1.79	1.87	2.713
June ..	4.53	1.43	2.49	2.52	2.13	.45	1.58	3.02	.40	1.71	2.026
July ..	2.36	2.69	2.45	4.06	.95	1.36	2.01	1.22	2.30	2.70	2.410
August ..	5.60	4.06	1.88	3.12	3.21	2.95	3.75	2.69	2.37	2.83	3.246
September ..	.93	.99	.90	2.47	1.13	1.30	.55	.43	2.14	1.74	1.258
October ..	6.88	1.89	2.37	(9.46)	.46	3.04	5.40	5.39	1.61	2.45	3.895
November ..	3.54	4.86	1.11	2.69	(3.90)	5.10	2.63	1.83	1.65	1.03	2.834
December ..	1.97	3.40	3.85	2.28	2.17	.45	2.82	3.31	1.33	3.04	2.462
TOTALS ..	40.19	29.11	22.67	(35.54)	23.34	21.81	29.12	26.66	21.85	28.39	27.868

P P P P

1903 October gauge overflowed amount computed

## RAINFALL AT Morpeth Bedalhaugh Lane

Lat. 55° 10' N.

Lon. 1° 39' W. County of Northumberland

Rain Gauge, by .

Observer Hart and W.C. Ellis

Coquet - 5.

Diameter ..	5										
Height ..	0.10				1.10						
Altitude ..	137										
Year ..	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	3.40	1.48	.89	3.00	1.76	.38	2.25	.70	1.49	1.51	1.686
February ..	4.09	1.44	1.29	1.19	2.04	.80	1.07	1.26	1.48	1.74	1.640
March ..	2.06	1.68	.94	.98	1.35	1.68	1.09	1.01	2.81	4.57	1.817
April ..	1.28	.76	1.28	1.48	1.27	2.87	.66	1.48	2.49	2.97	1.654
May ..	1.40	3.25	2.91	1.91	2.92	1.22	4.99	3.92	1.91	2.08	2.651
June ..	4.04	1.38	2.31	2.42	2.18	.47	1.55	3.03	.53	1.87	1.978
July ..	2.10	2.60	2.27	3.85	1.03	1.40	1.95	1.21	2.40	2.81	2.162
August ..	4.97	3.46	1.83	2.92	3.13	2.89	3.75	2.61	2.30	3.00	3.086
September ..	.84	.94	.86	2.30	1.20	1.24	.54	.43	2.14	1.86	1.235
October ..	6.11	1.81	2.22	9.31	.46	2.93	5.17	5.10	1.66	2.48	3.725
November ..	3.36	4.54	1.09	2.60	3.97	4.98	2.50	1.78	1.64	1.08	2.754
December ..	1.88	3.60	3.72	2.43	2.08	.44	2.90	3.16	1.87	3.78	2.586
TOTALS ..	35.53	26.94	21.61	34.39	23.39	21.30	28.42	25.69	22.72	29.75	26.074

D D D D D D

Morpeth Station

3 miles

W

H.W.

**RAINFALL AT Morpeth Rothalbrough Lawn**

Lat.  $55^{\circ} 10' N$  Lon.  $1^{\circ} 39' W$  County of Northumberland

Rain Gauge, by Observer H. & R. W. C. Ellis

Coquet - 5.

M

Diameter ..	5											
Height ..	0	10										1.10
Altitude ..		135										
Year ..	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909		MEANS.
January ..	3.57	1.71	.93	3.10	1.82	.38	2.32	.70	1.52	1.49	1.754	
February ..	4.32	1.59	1.33	1.14	2.12	.80	1.04	1.34	1.51	1.75	1.694	
March ..	2.02	1.61	.99	1.02	1.37	1.70	1.09	1.06	2.74	4.71	1.831	
April ..	1.34	.81	1.30	1.40	1.31	3.04	.66	1.59	2.53	3.14	1.712	
May ..	1.46	3.30	2.85	1.93	2.94	1.22	5.24	4.10	1.87	2.10	2.701	
June ..	4.29	1.40	2.27	2.47	2.28	.46	1.61	3.07	.49	1.94	2.028	
July ..	2.20	2.74	2.29	3.79	1.05	1.35	2.05	1.27	2.42	2.97	2.2613	
August ..	5.21	3.52	1.86	2.97	3.31	3.02	3.84	2.73	2.35	3.13	3.194	
September ..	.89	1.00	.87	2.33	1.22	1.29	.56	.43	2.09	1.84	1.252	
October ..	6.11	1.87	2.35	9.42	.46	3.07	5.26	5.43	1.64	2.51	3.812	
November ..	3.47	4.26	1.11	2.52	3.91	5.08	2.57	1.75	1.65	1.08	2.740	
December ..	1.95	3.20	3.74	2.35	2.27	.44	2.78	3.21	2.15	3.61	2.570	
TOTALS ..	36.83	27.01	21.89	34.44	24.06	21.85	29.02	26.68	22.96	30.27	27.501	

mpd mpd mpd

Hub

## RAINFALL at Morpeth Rothaldaugh Lane

County of Northumberland

Observer Hon &amp; Revd W.C. Ellis

River Basin Coquet + C 5

Rain Gauge, by

Diameter ...	5										
Height .....	1.10										
Altitude ...	137						130				
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	2.50	1.81	3.22	3.70	2.10	2.33	1.17	2.85	2.76	3.52	
February ...	2.66	.78	2.76	.51	1.37	2.68	2.27	.99	1.42	1.70	
March .....	.71	2.22	1.73	2.43	2.48	2.27	3.11	2.40	1.17	2.34	
April .....	1.97	1.48	.10	2.75	.53	.73	1.40	2.10	1.23	1.35	
May .....	2.71	.97	2.73	2.08	1.44	1.82	2.63	2.26	3.03	.64	
June.....	1.46	4.82	5.12	1.63	3.43	.54	2.17	1.12	.63	.69	
July .....	2.85	.70	2.81	.76	2.58	3.53	3.17	1.00	2.80	1.34	
August.....	3.31	2.65	4.50	1.15	2.23	3.35	2.10	6.69	1.49	3.04	
September ..	1.06	2.55	1.88	3.40	1.36	1.82	1.53	2.05	5.01	1.28	
October ...	2.89	2.85	4.12	1.54	2.03	1.84	2.89	2.07	2.27	4.35	
November ...	3.18	2.78	1.74	1.51	3.15	1.56	3.20	1.02	.95	3.94	
December ...	1.98	2.90	1.96	1.18	3.40	5.55	4.21	2.65	2.42	3.88	
TOTALS ...	27.27	26.51	32.67	22.94	26.10	28.02	29.85	27.20	25.18	35.87	

+ Infected.

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
	55°10'	1.39°W	Morpeth 1913	1/2 m	NW			

RAINFALL at Morpeth Bishalhaugh Lawn M  
 County of Northumberland Observer Mr & Mrs W.C. Ellis  
 River Basin Coquet + C 5

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

M

Diameter ...	5										
Height .....	1 10										
Altitude ...	135	137					130				
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	2.54	1.78	3.31	3.90	2.12	2.22	1.17	3.06	2.89	3.64	
February ...	2.92	1.75	2.64	1.16	1.89	2.73	2.31	1.00	1.46	1.95	
March .....	.69	2.24	1.73	2.53	2.58	2.11	3.18	2.50	1.24	2.39	
April .....	2.11	1.46	.10	2.81	.53	.70	1.48	2.36	1.26	1.42	
May .....	2.83	.94	2.75	2.45	1.50	1.86	2.72	2.34	3.10	.65	
June .....	1.52	4.79	5.32	1.63	3.53	.51	2.26	1.16	.65	.71	
July .....	2.91	.70	2.90	.78	2.66	3.61	3.25	1.04	2.81	1.41	
August.....	3.27	2.70	4.51	1.16	2.34	3.46	2.10	6.74	1.57	2.07	
September ..	1.06	2.63	1.91	3.38	1.40	1.90	1.61	2.16	5.27	1.30	
October ...	2.98	2.92	4.23	1.56	2.07	1.91	3.05	2.17	2.39	4.29	
November ...	3.20	2.96	1.75	1.50	3.21	1.65	3.36	1.10	.90	3.87	
December ...	1.96	2.91	1.94	1.24	3.55	5.72	4.29	2.49	2.45	2.88	
TOTALS ...	28.09	26.78	33.09	23.40	26.88	28.38	30.78	28.12	25.99	36.38	
											2nd

+ Infected

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
	55° 10'	1.39 w	Morpeth	2 m	w	Bishalhaugh		

## RAINFALL at Morpeth Rothalough Station M.

County of Northumberland

Observer Hon. &amp; Rev W.C. Ellis

River Basin Coquet + C 5

Rain Gauge, by

M

Diameter ...	5										
Height .....	110										
Altitude ...	35										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	2.34	1.83	3.32	4.19	2.10	2.19	1.17	3.06	2.63	3.57	
February ...	2.74	.74	2.69	.46	1.43	2.64	2.32	.96	1.40	1.74	
March .....	.69	2.21	1.69	2.50	2.60	2.14	3.25	2.42	1.16	2.31	
April .....	1.86	1.42	.11	2.82	.52	.70	1.49	2.25	1.18	1.39	
May .....	2.64	.94	2.78	2.44	1.48	1.95	2.12	2.28	3.04	.65	
June .....	1.39	5.19	5.37	1.60	3.56	.51	2.25	1.08	.61	.70	
July .....	2.61	.66	3.06	.79	2.58	3.49	3.29	.99	2.91	1.36	
August .....	3.22	2.75	4.40	1.17	2.36	3.40	2.08	6.76	1.52	1.96	
September ..	1.01	2.53	2.06	3.42	1.41	1.88	1.69	2.06	5.29	1.26	
October ...	2.80	2.93	4.26	1.51	2.11	1.89	2.98	2.20	2.41	4.24	
November ...	3.30	2.97	1.88	1.48	3.24	1.63	3.41	1.04	.89	3.97	
December ...	1.97	2.90	1.95	1.19	3.49	5.73	4.32	2.30	2.46	2.86	
TOTALS ...	26.57	27.07	33.57	23.57	26.86	28.05	30.99	27.40	25.50	36.01	

+ Inspection

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
SS 10	1.39 N	Penwood Morpeth		3.92	W	Rothal		

## RAINFALL at Morpeth Roxburgh Kitchen Garden

County of Northumberland

Observer Mr &amp; Mrs W.C. Ellis

River Basin Coquet + C 5

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

Diameter ...	5										
Height .....	1.10										
Altitude ...	35									150	
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	2.55	1.84	3.24	4.12	2.14	2.26	1.17	2.93	2.78	3.53	
February ...	2.72	.79	3.14	.55	1.45	2.72	2.31	1.01	1.43	1.71	
March .....	.71	2.21	1.85	2.61	2.59	2.27	3.30	2.48	1.18	2.86	
April .....	1.95	1.50	.13	2.95	.54	.73	1.42	2.15	1.24	1.57	
May .....	2.74	1.01	2.86	2.56	1.50	1.82	2.71	2.26	3.04	.63	
June .....	1.48	4.99	5.85	1.72	3.58	.54	2.25	1.12	.63	.68	
July .....	2.66	.66	3.11	.79	2.59	3.47	3.21	1.00	2.83	1.86	
August .....	3.38	2.73	4.68	1.81	2.32	3.34	2.09	6.74	1.49	2.05	
September ..	1.10	2.65	2.02	3.55	1.39	1.87	1.54	2.12	4.99	1.89	
October ...	2.86	2.95	4.35	1.64	2.10	1.86	2.85	2.07	2.32	4.31	
November ...	3.20	2.86	1.84	1.62	3.28	1.64	3.36	1.04	.95	3.97	
December ...	2.02	3.14	2.02	1.24	3.47	5.73	4.31	2.65	2.47	2.88	
TOTALS ...	27.37	27.33	34.69	24.66	26.95	28.25	30.50	27.57	25.35	26.04	

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church,	Distance.	Direction.
	56°10'	1.29 W	Penycraig Morpeth 9.15					

## RAINFALL at Morpeth Bothalhaugh Gardens

County of Northumberland

Observer Hawk Pev. N. C. Ellis died 20.6.23

River Basin Coquet &amp; C.S.

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

Diameter ...	5"									
Height .....	0 · 10	1 · 10								
Altitude ...	35									
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	MEANS.
January ...	2.52	3.95	2.79							
February ...	1.33	.23	2.40							
March .....	2.75	.70	1.88							
April .....	2.98	.87	1.53							
May .....	3.59	1.65	.61							
June .....	.84	.59	1.43							
July .....	3.74	2.04	4.08							
August .....	1.87	6.37	2.10							
September...	1.50	1.20	4.10							
October.....	1.88	2.92	1.79							
November...	1.06	2.43	1.02							
December ...	4.37	1.51	3.21							
TOTALS...	28.43	24.46	26.94	H						

Position of Station on reduced Ordnance Survey } No. of Map \_\_\_\_\_ Reference No. \_\_\_\_\_

Map, 2 miles to 1 inch Series }

Date.	Lat. N.	Long. W.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge	Direction
	55°10'	1°39'	Penyswood Morpeth					

## RAINFALL at Morpeth Bothalhaugh Gardens M.

County of Northumberland

Observer Hon. Rev. W. G. Ellis died 20.6.23

River Basin Coquet &amp;c c 5-

Rain Gauge, by

m

Diameter ...	5"											
Height .....	0.10	1.10										
Altitude ...	355											
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	MEANS.	
January ...	2.60	3.95	2.68									
February ...	1.29	2.1	2.39									
March .....	2.79	1.66	1.86									
April.....	3.10	1.84	1.50									
May .....	3.69	1.63	1.60									
June .....	1.83	1.58	1.39									
July .....	3.90	1.98	4.06									
August .....	1.95	6.41	2.10									
September...	1.46	1.22	4.24									
October.....	1.78	2.99	1.77									
November...	1.01	2.37	1.02									
December...	4.15	1.44	3.24									
TOTALS...	28.56	24.28	26.85	#								

Position of Station on reduced Ordnance Survey } No. of Map \_\_\_\_\_ Reference No. \_\_\_\_\_

Date.	Lat. N.	Long. W.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge	Direction from gauge
	55° 10'	1° 39'	Pegwood Morpeth	1 mi 3 mi	NW NW	Bochal Bothal	300 yds	N

## RAINFALL at Morpeth Bothalhaugh Farm

County of Northumberland

Observer Hon. Rev. W. C. Ellis did 20.6.23

River Basin Coquet &amp; c. 5

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

Diameter ...	5"									
Height .....	0 10		1 - 10							
Altitude ...	137		130							
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	MEANS.
January ...	2.53	3.78	2.76							
February ...	1.34	2.4	2.38							
March .....	2.77	.71	1.95							
April.....	3.00	.85	1.52							
May .....	3.62	1.65	.61							
June .....	.84	.59	1.43							
July .....	3.83	2.02	4.08							
August .....	1.90	6.28	2.10							
September...	1.50	1.21	4.04							
October.....	1.89	2.86	1.77							
November...	1.07	2.42	1.02							
December...	4.40	1.47	3.20							
TOTALS...	28.69	26.08	26.76	#						
	①	②	③							

Position of Station on reduced Ordnance Survey } No. of Map \_\_\_\_\_ Reference No. \_\_\_\_\_  
Map, 2 miles to 1 inch Series

Date.	Lat. N.	Long. W.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge	Direction
	55° 10'	1° 39'	Pegswood	1/2 min	NW			

## RAINFALL at Morpeth Rothbury Lawson M

County of Northumberland

Observer Hon Rev W. C. Ellis died 20.6.23

River Basin Coquet + c 5

Rain Gauge, by

M

Diameter ...	5"										
Height .....	0.10	1.10									
Altitude ...	137	130									
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	MEANS.
January ...	2.52	3.86	2.75								
February ...	1.31	2.22	2.44								
March .....	2.77	69	1.88								
April.....	3.01	88	1.54								
May .....	3.61	1.66	60								
June .....	79	60	1.42								
July .....	3.87	2.02	4.04								
August .....	1.86	6.41	2.12								
September...	1.44	1.24	4.20								
October.....	1.71	3.01	1.76								
November...	99	2.38	1.02								
December...	4.05	1.46	3.27								
TOTALS...	27.93	24.63	27.04	#							

Position of Station on reduced Ordnance Survey Map, 2 miles to 1 inch Series }				No. of Map	Reference No.		
Date.	Lat. N.	Long. W.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge
	55° 10'	1° 39'	Morpeth	3 mi	W	Boothal	2 mi