

RAINFALL AT Newcastle, Wellburn, Lemmington

80

Lat.

Long.

County of Northumberland

Rain Gauge, by

Observer W. H. Holmes, Esq.

Tyne lower 3

Diameter	5									
Height	1.0						1.6			
Altitude	1617									
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	MEANS,
January	1.36	.57	2.12	3.71	1.32	3.39	1.22	1.50	1.02	
February	2.97	.96	1.75	1.35	.85	1.13	.43	.97	1.01	
March	2.42	1.22	2.09	2.07	1.78	4.57	1.60	4.84	2.54	
April	1.11	2.90	1.59	2.03	1.81	1.56	1.02	1.50	2.47	
May	1.65	1.72	3.08	.99	2.94	2.64	1.41	.68	1.10	
June	2.02	3.96	4.02	1.00	1.59	1.37	.32	1.90	.29	
July	3.18	3.33	4.94	4.53	1.66	4.44	1.27	5.51	2.60	
August	5.44	3.51	3.91	.99	3.01	1.70	1.97	1.74	5.56	
September	4.72	2.73	5.13	1.60	2.68	1.78	5.24	1.39	1.07	
October	3.60	3.71	1.90	1.52	3.96	4.55	1.89	.91	4.83	
November	1.09	3.11	1.64	1.59	3.01	3.61	2.79	3.79	.94	
December	2.17	4.12	2.15	1.51	.97	3.47	2.14	.74	1.59	
TOTALS	31.73	31.8	34.32	22.89	25.78	34.88	21.30	25.47	25.02	

1881. St Andrews 1/2 mile S.W.

House 35 ft high 50 ft S.E.

1882 Gauge moved 3 or 4 yards to more favourable situation

1884 Gauge moved from back to front of house

House 30 ft high 50 ft N.E.

1889 Gauge moved 12 ft NW

RAINFALL AT Newcastle Westbury Jeamond
Lat. _____ Lon. _____ County of Northumberland

Rain Gauge, by _____

Observer W.H. Holmes Esq.

Tyne 3

Diameter	5										
Height	16										
Altitude	161 T										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	2.07	1.06	1.19	1.32	1.62	4.73	1.38	2.17	.93	2.68	1.915
February	1.58	.04	2.49	3.09	2.73	1.11	.67	1.12	1.09	.98	1.190
March	2.04	3.75	1.30	.67	.65	2.22	2.28	3.03	2.24	1.55	1.973
April67	2.21	1.08	.44	1.01	1.36	.90	1.67	2.42	3.02	1.478
May	2.19	1.74	2.68	1.97	2.58	.79	.82	1.61	2.38	3.64	2.040
June	3.15	.35	2.89	1.17	3.30	3.52	2.17	2.83	2.18	1.82	2.338
July	1.94	4.71	1.63	3.53	2.02	5.07	2.71	1.41	.68	2.89	2.659
August	6.28	4.87	3.54	2.33	3.06	4.18	1.99	2.95	2.07	.88	3.216
September	2.13	2.58	2.75	2.01	.93	.52	2.40	2.77	.40	2.65	1.914
October	1.77	1.62	5.33	1.02	5.01	4.55	6.05	1.27	3.63	1.98	3.223
November	3.54	2.68	1.37	2.93	.76	2.27	1.31	1.83	3.56	1.31	2.156
December	2.00	3.83	.89	1.38	1.34	2.03	4.99	2.09	1.17	3.46	2.318
TOTALS	29.36	29.44	27.14	21.86	25.01	32.35	27.67	24.75	22.75	26.86	26.719

1898 House 40 ft high 120 ft E

RAINFALL AT Newcastle Westburn Jarrow

Lat.

Lon.

County of Northumberland

Rain Gauge, by

Observer W. H. Holmes Esq. D.Sc.

Tyne, lower - 3.

J. H. Holmes Esq.

Diameter ..	5											
Height ..	16											
Altitude ..	161 T											
Year ..	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.	
January ..	3.62	1.55	.82	2.24	1.80	.38	2.20	.29	1.41	.77	1.508	
February ..	5.43	1.42	1.23	1.43	2.79	.76	.87	1.14	1.79	1.65	1.851	
March ..	1.76	1.81	.86	1.24	1.37	1.24	1.13	.93	3.36	5.22	1.892	
April ..	1.45	1.14	1.35	1.56	1.62	2.90	1.24	2.41	2.71	2.71	1.899	
May ..	1.41	2.47	2.63	2.39	2.61	.47	4.73	4.06	1.91	1.75	2.443	
June ..	5.03	1.30	2.17	3.09	1.91	1.02	1.73	2.13	.28	2.04	2.070	
July ..	1.58	3.63	3.05	4.63	1.42	1.74	1.07	1.43	2.91	2.48	2.394	
August ..	7.03	2.58	2.63	2.10	2.40	2.32	3.11	2.52	1.62	3.41	2.962	
September ..	.87	.99	.61	2.81	1.44	2.05	.47	.58	1.69	1.62	1.313	
October ..	7.21	2.33	2.50	8.59	.67	2.93	4.36	5.23	1.49	2.33	3.764	
November ..	3.36	5.10	1.21	2.25	2.77	3.96	3.05	1.55	1.26	.66	2.517	
December ..	2.02	3.39	2.77	1.92	1.83	.34	4.88	2.99	.87	4.30	2.531	
TOTALS ..	40.77	27.71	21.73	34.25	22.63	20.01	28.84	25.26	21.30	28.94	27.144	

Hub

House 40 ft high 50 ft E
 1902 Jeannine Church 1/4 mile SW
 Station 3/4 " S.W.

RAINFALL at Newcastle Welburn Jeamond
 County of Northumberland Observer J.H. Holmes Esq.
 River Basin Tyne, Lower 3

Rain Gauge, by

Diameter ...	5	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MENS.
Height	1.6											
Altitude ...	1637											
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919		
January ...	2.44	1.53	3.14	4.62	1.81	2.12	1.02	3.57	2.45	2.94		
February ...	2.57	.64	2.60	.46	1.09	2.47	2.19	.96	1.14	1.93		
March48	2.03	1.36	2.18	1.79	1.75	3.52	2.90	1.14	2.44		
April	2.02	1.52	.19	2.76	.66	.40	1.46	3.05	1.28	1.69		
May	2.59	.75	2.65	1.98	1.19	1.82	2.76	2.32	1.59	.82		
June	1.52	4.59	4.86	1.31	3.58	.45	1.99	1.27	.62	1.47		
July	2.10	.89	3.19	.55	2.81	2.72	2.99	.97	3.85	1.60		
August	2.47	2.98	4.47	1.04	1.49	2.40	3.11	7.43	1.27	5.09		
September71	2.67	1.86	5.13	1.30	1.57	1.47	2.03	3.02	1.04		
October ...	3.42	2.42	3.40	1.45	2.04	1.29	2.80	2.16	2.34	5.21		
November ...	2.80	3.64	1.61	1.20	2.89	1.82	3.36	1.17	1.22	4.36		
December ...	1.91	3.10	1.30	1.87	3.39	6.40	3.99	2.79	3.43	3.00		
TOTALS ...	25.03	26.76	30.63	24.05	24.04	25.21	31.26	30.62	25.35	58.59		

(912) Town 40 ft high 30 yds W

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1911			Jeamond	1 mi	W.	Jeamond	1 mi	W.

RAINFALL at Newcastle, Wollongon, Gosmond

County of Northumberland Observer J. H. Holmes Esq. G.E.

River Basin Tyne-Lower 3 E. Nottgrass, geoh.)

B.A. Rain Gauge, by _____
J. O. (126)

1920 House 40 ft High 30 yds W

Position of Station on reduced Ordnance Survey Map, 2 miles to 1 inch Series				No. of Map	Reference No.			
Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge	Direction
10/20			Desmond	1 mi	W	Desmond	1 mi	W

RAINFALL at Newcastle (Wellburn, Jesmond)

County of Northumberland observer J. H. Holmes, Esq., C.E.

River Basin Tyne - border - 3

Type of Gauge

Annual Average 27.1 in. based on 35 years obs. un-weighted. Period of average 1881-1915 Ref. 661943/26

Diameter	5-										Means
Height	1.3										
Altitude	163										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	
January	2.86										
February	1.11										
March	1.21										
April	3.12										
May	2.89										
June	2.65										
July	2.5										
August											
September											
October											
November											
December											
TOTALS											

Moved at end of June to Rothbury

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 from gauge	Parish Church.	Distance from gauge	Direction from gauge

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