

80

RAINFALL AT Newcastle, Wellburn, Jermond

Lat.

Lon.

County of

Northumberland

Rain Gauge, by

Observer

W. H. Holmes Esq.

Lyne Lower 3

Diameter	5										
Height	1.0						1.6				
Altitude	161 T										
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS
January	1.36	.57	2.12	3.71	1.52	3.59	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	31.84	34.32	22.89	25.78	34.38	21.30	25.47	25.02		

1881. St. Andrews 1½ 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 N.W.

RAINFALL AT Newcastle Wellburn Jesmond

Lat. _____

Lon. _____

County of Northumberland

Rain Gauge, by _____

Observer W. H. Holmes Esq

Gage 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	1.490	
March	2.04	3.75	1.30	.67	.65	2.22	2.28	3.03	2.24	1.55	1.913	
April .....	.67	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	2.010	
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	3.215	
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 Wellburn Jermond*

Lat. Lon. County of *Northumberland*

Rain Gauge, by Observer *W. H. Holmes Esq*

Syne, lower - 3.

J. H. Holmes Esq

Diameter ..	5										
Height	1	6									
Altitude ..	161	T			163						
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	1508
February ..	5.43	1.42	1.23	1.43	2.79	.76	.87	1.14	1.79	1.65	1851
March	1.76	1.81	.86	1.24	1.37	1.24	1.13	.93	3.36	5.22	1892
April	1.45	1.14	1.35	1.56	1.62	2.80	1.24	2.41	2.71	2.71	1899
May	1.41	2.47	2.63	2.39	2.61	.47	4.73	4.06	1.91	1.75	2443
June	5.03	1.30	2.17	3.09	1.91	1.02	1.73	2.13	.28	2.04	2070
July	1.58	3.63	3.05	4.63	1.42	1.74	1.07	1.43	2.91	2.48	2394
August	7.03	2.58	2.53	2.10	2.40	2.32	3.11	2.52	1.62	3.41	2962
September..	.87	.99	.61	2.81	1.44	2.05	.47	.58	1.69	1.62	1313
October....	7.21	2.33	2.50	8.59	.67	2.93	4.36	5.23	1.49	2.33	3764
November..	3.36	5.10	1.21	2.25	2.77	3.96	3.05	1.55	1.26	.66	2517
December..	2.02	3.39	2.77	1.92	1.83	.34	4.88	2.99	.87	4.30	2531
TOTALS ..	40.77	27.71	21.73	34.25	22.63	20.01	28.84	25.26	21.30	28.94	27.144 4.57

House ⁵⁰ 40 ft high ⁵⁰ 90 ft E
 1908 Jermond Church ^{3/4} mile SW
 Station ^{3/4} " SW

H. H.

RAINFALL at *Newcastle Wellburn Jesmond*County of *Northumberland*Observer *J. H. Holmes Esq*River Basin *Tyne, Lower 3*

Rain Gauge, by

Diameter ...	5										
Height	1.6										
Altitude ...	1637										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
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	2.79	.96	1.14	1.93	
March .....	.48	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	2.09	
September ..	.71	2.67	1.86	5.13	1.20	1.57	1.47	2.03	5.02	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	1.27	3.39	6.40	3.99	2.79	3.43	5.00	
TOTALS ...	25.03	26.76	30.63	24.05	24.04	25.21	31.26	30.62	25.35	38.59	

(1912) From 40 ft high 30 yds W

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

RAINFALL at Newcastle, Melburn, JesmondCounty of NorthumberlandObserver J. H. Holmes Esq. C.E.River Basin Gyre-Lower 3E. Hattman (gauge)B. A. Rain Gauge, byM.O. (126)

Diameter ...	5"										
Height	1.6							1.3			
Altitude ...	163										
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MEANS.
January ...	2.90	4.00	2.98	.99	1.93	2.01	2.52	1.46	2.30	2.72	2.41
February ...	.91	.17	1.96	3.30	1.20	2.55	2.61	0.65	1.24	.88	1.77
March	3.10	1.00	1.45	1.67	.96	1.83	1.29	1.67	2.61	.54	1.88
April	2.99	1.30	1.66	1.78	1.64	2.84	.95	1.94	1.03	1.45	1.62
May	3.38	1.67	1.14	2.39	6.36	2.43	2.89	1.56	1.44	.82	1.31
June .....	.67	.70	1.51	1.00	1.90	.05	3.57	3.88	5.88	1.28	.57
July	4.28	1.44	4.52	2.56	5.37	1.80	3.52	3.59	1.58	2.27	4.22
August	1.81	6.10	2.29	3.80	3.21	2.60	2.18	5.67	4.05	2.68	5.44
September...	1.51	1.01	3.81	1.54	2.74	3.29	2.19	4.12	0.88	.87	2.92
October	1.60	1.98	1.63	1.83	3.72	1.69	2.84	1.62	2.87	1.91	1.67
November...	1.18	2.49	.73	4.04	1.12	2.51	3.51	2.97	2.49	2.36	2.75
December...	3.91	1.47	3.10	2.36	2.26	4.54	.68	4.41	1.62	2.86	2.54
TOTALS...	28.24	23.33	26.78	27.26	32.41	28.14	28.75	33.54	25.99	20.64	30.10

1920 House 40ft high 30yds 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 from gauge	Parish Church.	Distance from gauge	Direction from gauge
1920			Jesmond	1 mi	W	Jesmond	1 mi	W

RAINFALL at Newcastle (Wellburn, Jesmond)

County of Northumberland

Observer J. H. Holmes, Esq., C.E.

River Basin Tyne-Lower-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.											
Height	1.3.											
Altitude	163.											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	
January	286											
February	111											
March	121											
April	312											
May	289											
June	265											
July												
August												
September												
October												
November												
December												
TOTALS												

Moved at end of June to Rothbury

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