

RAINFALL AT

Bellingham High Green Manor

Lat. $55^{\circ} 12' 30''$ NLon. $2^{\circ} 18' 0''$ W County of Northumberland

Smelter Rain Gauge, by A+N Stiles

Gapt Observer C Morrison-Bell

N. 29m - 14.

Diameter ...								5			
Height								10			
Altitude ...								649 ft			
Year ...	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ...									3.40	3.14	
February ...									1.94	2.77	
March									4.52	4.92	
April									1.89	3.88	
May									2.70	2.23	
June									1.90	3.01	
July									2.77	2.57	
August									3.48	3.01	
September ..									3.90	2.74	
October ...									3.25	5.05	
November ..									2.22	1.40	
December ...								2.55	1.25	4.06	
TOTALS ...								2.55	33.22	38.78	

1907 Bellingham Church 5 miles fur SE
 Tarsier Station 3 - 7 SSW
 Home 30 ft high 36 ft N
 1908 Aug 1st Gauge moved 30 ft SE

RAINFALL at Bellingham High Green ManorCounty of NorthumberlandObserver Capt C. Morrison Bell BtRiver Basin North Tyne 4Snowdon Rain Gauge, by A & N Stans

Diameter ...	5										
Height	10										
Altitude ...	849 ft										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	4.31	2.04	2.77	3.56	3.32	2.36	4.69	4.35	4.08	3.98	1710
February ...	3.65	2.89	2.91	1.75	4.64	4.18	4.19	1.36	2.70	2.02	1027
March	1.17	3.60	3.72	4.39	3.74	2.07	4.35	1.79	1.22	2.87	1023
April	3.01	2.46	.42	2.88	1.14	1.55	1.77	2.32	.96	2.22	727
May	1.96	1.72	2.36	2.79	2.18	2.83	3.77	2.99	1.48	1.61	985
June	1.67	3.94	5.47	1.72	2.46	.91	3.32	1.18	.65	1.70	685
July	4.74	.94	1.77	.97	2.61	3.52	3.56	1.46	4.29	1.41	1072
August	4.71	4.35	5.63	2.06	2.40	3.17	4.39	6.96	2.66	3.06	1707
September ..	.89	2.04	3.02	1.86	1.22	1.70	2.17	2.56	5.72	2.22	1267
October ...	2.08	4.09	3.61	3.03	2.32	1.56	5.82	3.86	4.82	3.87	1837
November ..	4.27	5.77	3.05	2.74	4.67	1.47	7.02	2.65	1.74	6.11	1752
December ...	3.28	4.03	3.98	2.71	7.37	5.73	3.97	2.46	2.91	4.87	1421
TOTALS ...	35.74	37.87	38.71	30.46	38.07	31.65	49.02	33.94	33.23	35.94	15213

1911 g. moved 21 feet due E 7.VIII.11 at suggestion of Mr. Marriott
 1912 House 35 ft high 9.92 N.W.

Date.	Lat. N.	Long. W.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1911	55.12.36	2.18.0	Tarset N.B.R.	3 1/2 mi	S	Bellingham	5 mi	SSE

RAINFALL at Bellingham High Green ManorCounty of Northumberland Observer Sir C. Morrison Bell Bt.River Basin North Tyne~~Snowdon~~ Rain Gauge, by Chas. H. Stone
M. O. (126)

Diameter ...	5"											
Height	1	0										
Altitude ...	849											
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MEANS.	
January ...	3.83	6.68	4.27	2.19	2.73	2.86	3.57	3.04	5.92	1.79	4.06	4094
February ...	2.53	.30	3.58	4.37	1.04	5.26	3.58	1.28	2.48	1.32	2.03	2787
March	3.00	2.60	2.45	1.46	1.03	2.78	2.61	3.00	4.50	.26	2.21	2590
April	3.05	.75	2.06	2.22	1.59	2.43	1.87	2.23	0.95	1.63	1.81	2162
May	4.35	1.53	1.39	1.92	3.95	4.59	2.92	2.10	1.52	1.60	1.23	2690
June	1.24	.86	1.59	1.48	.92	.16	3.92	3.38	5.24	3.06	1.28	2313
July	2.97	2.61	3.90	2.59	4.65	1.85	3.59	3.80	2.04	4.38	6.28	3866
August	1.90	6.75	2.53	6.05	2.65	3.54	4.34	7.00	5.48	3.76	4.23	4623
September...	1.40	1.89	4.55	2.66	3.30	3.30	3.91	4.63	1.60	.83	3.90	3197
October	2.13	2.43	1.56	3.38	3.49	2.87	3.25	3.41	4.08	3.73	3.61	3394
November...	2.45	2.23	.78	4.61	1.62	1.59	5.66	3.80	4.06	3.65	4.11	3456
December...	5.32	4.89	4.23	2.42	4.25	5.07	.49	2.99	3.29	5.71	2.98	4164
TOTALS...	34.17	33.52	32.89	35.35	31.22	37.40	39.71	40.66	38.94	31.77	37.73	37336

1920 House 35 ft high 90 ft N.W.

1926 G. moved 55 ft. S.E. to better position on 4 x 26 Nearest object
apple-tree about 11 ft. high, 30' to N.E. of G.

Position of Station on reduced Ordnance Survey } No. of Map

Reference No.

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge	Direction
1920	55° 12' 30"	2° 18' 0"	Larsell	3 1/2 mi.	S	Bellingham	5 mi.	S.E.

RAINFALL at Bellingham (High Green Man) M.W.R.County of NorthumberlandObserver Sir C. Morrison-Bell, Bt.,River Basin North Tyne-4

Type of Gauge

Annual Average 32.1 in. based on 32 years obs. un-weighted. Period of average 1881-1912 Ref. S.Ar. W. J.

Diameter	5.											
Height	1.0.											
Altitude	849.											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Mean	
January	2.29	2.71	2.39	3.81	1.97	5.13	4.44	4.11	5.44	1.57	3386	
February	2.51	.61	4.07	15	3.45	2.84	4.33	1.34	2.26	1.15	2271	
March	1.70	2.69	1.09	4.50	1.11	2.93	2.78	2.09	3.94	4.16	2704	
April	3.79	3.29	1.47	3.90	3.26	1.80	2.00	.31	2.60	1.57	2399	
May	2.94	2.62	1.87	1.73	.94	2.00	3.09	3.05	.71	1.85	2086	
June	4.69	1.34	1.94	2.46	4.01	1.72	1.11	3.10	2.36	.48	2321	
July	5.08	3.17	2.23	3.54	1.15	5.27	2.64	3.22	3.52	7.58	3740	
August	4.12	1.54	1.72	4.22	2.63	1.84	3.00	2.01	3.24	1.31	2563	
September	1.32	4.72	1.46	2.31	4.24	4.72	3.38	1.74	1.33	2.89	2811	
October	2.02	4.79	3.44	5.98	5.27	2.86	2.65	6.01	4.92	2.67	4061	
November	6.06	1.75	2.69	2.08	4.15	3.17	1.07	4.81	4.31	3.58	3373	
December	2.28	3.25	1.08	4.47	1.83	2.95	5.34	3.97	1.28	2.78	2923	
TOTALS	38.80	32.48	25.45	39.15	34.01	37.28	35.83	35.76	36.03	31.59	34638	KM.

Inspected 31/5/33 Leak in outer case.
 no. 1000 income supplied 25.6.41

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

Station No. 3580

RAINFALL at Bellingham (High Green) M.V.R. 41County of NorthumberlandObserver Sir ~~James~~ Bell Bt. died 22.11.43River Basin North Tyne R.Sir Charles Harrison Bell Bt.

Type of Gauge.....

Annual Average 35.4 in. based on 20 years obs. un-weighted. Period of average 1881-1915 Ref SFile No. 66873/47

Diameter	5"											
Height	1' 0"											
Altitude	845											
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means	
January	3.23	3.00	4.45	2.45	5.88	2.60	4.17	8.51	2.31	2.36	3896	
February	3.84	2.56	1.75	2.20	3.34	1.34	1.36	2.88	2.30	4.41	2598	
March	3.16	1.91	1.49	.83	1.43	2.00	4.26	1.70	.85	1.26	1889	
April	1.51	1.51	1.87	1.58	1.99	.68	5.44	2.46	1.77	2.47	2028	
May	2.04	2.07	4.84	2.47	5.30	2.01	3.17	1.66	1.10	1.44	2610	
June	1.24	1.28	3.52	2.77	3.23	3.20	3.76	4.33	.82	2.08	2623	
July	.82	2.66	2.08	3.38	2.05	3.64	4.11	.79	2.18	3.82	2553	
August	3.90	2.69	5.37	2.16	1.32	4.95	.36	5.66	2.80	4.32	3353	
September	.49	3.39	3.00	5.46	3.24	4.49	1.68	5.97	1.93	5.60	3325	
October	4.02	3.35	3.51	3.34	3.90	.69	.93	2.31	5.01	2.70	2976	
November	3.27	.55	2.41	6.80	.87	5.56	4.27	2.62	4.35	4.40	3510	
December	1.49	2.96	1.68	2.69	1.85	2.79	1.89	3.47	5.05	2.47	2634	
TOTALS	29.01	27.93	35.97	36.13	34.40	33.95	35.40	40.66	30.47	37.33	34095	10

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.

BRITISH RAINFALL ORGANIZATION

Station No. 3580RAINFALL at Bellingham (Highgreen) M. W. R. (73) 51County of LancashireObserver Mr Charles Morrison-Bell Bt.River Basin South Tyne - 4

Type of Gauge.....

Annual Average 35.4 in. based on 20 years obs. or weighted. Period of average 1881-1915 Ref A 5

34-74 - " - 23 - " 1934-1956

1916-1950 E 187347 P

File No.

Diameter ...	8"			010 057								
Height ...	1' 0"			1								
Altitude ...	844'			51								
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means	
January ...	3.11	3.20	1.38	3.13	3.04	3.09	4.77	2.51	2.03	3.96	30.22	
February ...	2.86	.83	2.05	1.80	3.23	2.16	3.55	(3.50)	.78	4.13	24.89	
March ...	3.08	2.46	.75	1.80	1.75	.92	2.57	2.37	1.61	2.60	19.91	
April ...	2.72	2.34	3.76	.53	.84	.95	.58	2.16	2.71	1.86	18.35	
May ...	2.38	2.03	2.78	4.41	2.33	.84	1.52	3.38	.48	2.00	22.15	
June ...	1.27	2.12	1.58	1.98	1.97	3.08	1.80	3.07	2.51	2.52	21.90	
July ...	1.71	1.57	4.09	3.52	1.69	2.86	4.07	5.80	2.66	3.55	31.52	
August ...	3.49	4.45	4.36	4.53	1.19	7.86	3.71	3.32	.36	3.22	36.49	
September ...	2.13	3.06	3.74	4.96	2.18	2.75	2.41	3.64	1.07	2.11	28.05	
October ...	1.03	3.05	1.39	7.32	2.21	1.91	2.66	2.21	2.44	4.62	28.84	
November ...	7.07	3.81	3.50	4.19	1.53	1.09	1.29	.95	6.70	4.41	34.54	
December ...	3.76	3.53	1.79	4.10	4.29	3.39	2.22	4.81	4.85	3.69	36.43	
TOTALS ...	34.61	32.45	31.17	42.27	26.25	30.80	31.15	37.70	28.20	33.67	333.29	10
	D	D	D	D	D	D	D	D	D	D	D	

Imp. 11" Total 21.5.52. Site overlooked but on Kinnaird. Leak in gauge, all trace of funnel, & the solidified. Re-set on lower terrace. Observed not repeat but with 11" gauge, 10.1.53 (on 35.7.52 E 114930/52) Feb 1958 at 11.03.6.

20004

Position of Station on Ordnance One-Inch map :

No. of Map.....

National Grid Reference 35120911

Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction 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
C 1908	✓	✓	✓	✓	
	but - 10	✓	✓	✓	