

Rainfall at Braystones nr Whitehaven 60

Jn: Dalton Watson

Diameter of Gauge, 10 in.

Height above Ground, 2 ft. 8 in.

Above Mean Sea Level, 36 ft.

YEAR - -					1864	1865	1866	1867	1868	1869	MEANS.
January - -					# 2.89	3.02	6.60	3.00	3.03	5.92	
February - -					1.35	2.62	3.17	2.10	3.45	3.68	
March - - -					2.94	1.76	2.59	1.06	4.55	.82	
April - - -					1.99	.36	1.00	3.45	2.52	2.82	
May - - - -					1.72	5.03	1.29	1.30	2.19	1.90	
June - - - -					2.88	.54	2.14	.96	.65	1.43	
July - - - -					1.72	2.80	2.43	3.03	.39	1.85	
August - - -					3.20	3.53	5.15	4.72	2.75	2.37	
September -					4.81	1.56	5.39	3.65	1.79	7.99	
October - - -					2.34	4.59	1.91	5.45	5.49	3.58	
November - -					4.72	3.95	5.35	.76	1.99	4.64	
December - -					4.10	3.44	3.70	3.76	6.85	3.77	
TOTALS - -					35.02	33.20	40.80	33.24	35.65	40.77	

✓ c c c c c c c

RAINFALL AT Egrement, Braystones

Lat.....

Lon.....

County of... Cumberland.....

Rain Gauge, by.....

Observer John Dutton Watson, Esq.

Diameter.....	10										
Height.....	3.8										
Altitude.....	34										
YEAR.....	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....	3.72	2.65	7.19	5.96	4.07	4.67	1.70	9.38	2.37	1.65	4.336
February.....	2.38	3.05	3.57	.70	3.10	1.46	2.84	3.00	2.88	2.01	2.499
March.....	2.23	2.25	4.14	3.64	2.18	.90	2.49	2.64	1.40	1.97	2.384
April.....	1.96	2.26	1.00	.48	1.63	1.06	1.71	2.42	1.84	.83	1.519
May.....	2.23	1.03	1.53	1.75	.82	2.51	.35	4.64	2.02	1.77	1.865
June.....	1.30	2.02	6.93	1.95	1.00	3.93	4.71	2.60	2.25	3.01	2.940
July.....	1.10	2.24	3.95	4.59	2.24	2.76	2.41	4.25	.50	6.69	3.073
August.....	7.01	3.19	3.16	4.91	5.23	2.81	3.69	5.95	5.91	3.39	3.925
September.....	4.46	1.81	5.51	2.39	4.06	4.20	4.39	2.34	4.61	4.63	3.540
October.....	6.59	4.56	6.09	6.13	6.52	4.47	3.57	6.16	3.36	1.94	4.939
November.....	2.48	4.16	4.43	2.15	4.51	3.05	3.63	10.09	2.41	.97	2.788
December.....	1.71	3.70	4.41	1.97	2.48	2.79	6.32	5.05	1.34	2.72	3.249
TOTALS.....	31.17	32.92	57.91	36.62	37.84	34.61	37.81	58.52	30.89	31.58	38.357

1870 - 5.28 of previous six years and - 9.6 of 1869 / 211

RAINFALL AT *Graystones*

36 53

80

Lat. _____

Lon. _____

County of *Cumberland*

Rain Gauge, by _____

Observer *D. Nelson, Esq.*

West Coast Stream - 3

Diameter	10											
Height	3.8							3.6				
Altitude	36 T											
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.	
January	1.02	.74	2.45	5.84	4.53	2.40	3.62	2.73	1.24	2.37		
February	2.48	3.15	2.68	2.67	4.27	5.63	1.64	1.08	.82	2.46		
March	1.21	3.02	2.47	1.85	3.45	3.63	3.27	1.08	2.16	1.98		
April	2.42	1.24	2.74	1.87	1.03	2.20	1.61	1.84	1.55	1.61		
May	1.48	2.50	1.62	.97	2.10	2.00	4.24	1.46	1.68	2.30		
June	2.11	3.95	3.85	3.38	.41	1.04	1.74	.25	.85	.45		
July	2.62	3.31	7.74	1.25	4.95	2.60	4.42	1.53	5.02	2.52		
August	1.03	3.44	3.64	3.72	2.82	1.64	1.84	.67	2.67	4.38		
September....	4.02	2.46	2.82	3.46	3.67	5.26	4.41	3.69	1.94	2.54		
October .....	.64	2.47	3.11	4.41	3.60	2.64	4.19	1.28	3.91	3.60		
November....	4.18	5.33	5.73	6.30	1.83	3.75	5.14	2.06	4.10	2.57		
December	4.00	3.81	2.97	3.23	3.93	1.46	5.00	2.55	3.62	3.70		
TOTALS	27.21	35.42	41.82	38.95	36.59	33.55	41.12	20.22	29.46	30.48	33.482	

1886 Decr. Bottle broken. Roughly estimated from
Barograph & Barometer 10.11.10

RAINFALL AT *Braystones*

Lat. _____

Lon. _____

County of *Cumberland*

Rain Gauge, by _____

Observer *W.H. Watson Esq**West Coast Stream - 3*

Diameter	10										
Height	3 6										
Altitude	36										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	4.86	1.68	2.88	.96	2.67	1.02	2.48	.84	2.35	5.20	2.494
February	4.3	.32	.80	5.62	4.52	.25	2.06	1.97	3.28	1.75	2.100
March	2.35	.96	.95	1.31	1.54	3.68	4.01	4.60	1.15	2.52	2.307
April	1.44	1.12	1.24	.64	1.28	2.48	1.66	2.54	3.01	3.06	1.847
May	2.55	1.60	4.20	2.29	3.56	.42	.63	3.14	3.12	3.25	2.476
June	4.22	1.18	2.83	1.02	3.20	1.14	3.12	4.60	2.29	2.72	2.632
July	3.03	2.03	2.31	3.24	3.86	4.01	5.20	1.42	.63	2.80	2.853
August	4.94	6.01	7.62	4.76	3.10	4.84	2.80	4.58	6.37	1.18	4.620
September....	4.20	5.53	4.97	2.83	.25	1.30	5.73	4.01	2.55	4.10	3.507
October	2.06	8.46	4.02	5.51	3.62	4.77	3.82	3.82	3.60	2.18	4.186
November....	10.48	4.26	3.24	1.97	3.51	3.44	1.53	6.23	3.75	3.16	4.157
December ....	.67	6.31	2.24	4.02	3.42	3.06	4.58	5.88	4.08	2.90	3.716
TOTALS	41.23	39.46	37.30	34.17	34.53	30.41	37.62	43.63	36.18	34.82	36.935

RAINFALL AT

Braystones

Lat. _____

Lon. _____

County of Cumberland

Rain Gauge, by _____

Observer

H. H. Watson Esq

W. cont. stems - 3.

Diameter ...									10		
Height									3.6		
Altitude ...									36		
Year ...	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ...									3.54	2.04	
February ...									2.06	2.89	
March									2.99	3.25	
April									1.85	3.56	
May									3.06	2.06	
June									3.32	2.68	
July									4.65	5.47	
August									4.01	2.81	
September ..									4.92	3.44	
October ...									1.93	8.22	
November ..									3.39	1.80	
December ...									3.90	6.01	
TOTALS ...									39.62	44.23	

1908 Beckenmel Church 1 Drile
 Braystones Station 1
 Quite open -

RAINFALL at BraystonesCounty of CumberlandObserver H. H. WatkinsonRiver Basin West Coast Streams 3

Rain Gauge, by _____

Diameter ...	10											
Height	3 6											
Altitude ...	36 T											
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	1910-19 Means. Totals	
January ...	3.20	1.72	2.07	2.77	2.99	4.44	3.20	2.22	4.21	4.82	14.45	
February ...	4.94	4.14	2.10	1.72	4.27	4.63	3.22	1.33	4.08	4.7	9.10	
March	2.42	.95	4.59	3.45	3.82	2.01	.89	1.91	1.91	2.75	7.46	
April	2.49	3.37	.63	3.70	.70	2.93	2.48	1.34	1.08	2.66	7.56	
May	2.71	3.35	1.89	3.44	2.54	.95	3.12	4.01	1.85	1.72	10.70	
June	1.52	3.06	5.15	2.48	.83	.86	2.55	1.72	1.98	2.49	8.74	
July	4.07	.89	3.10	.77	6.11	5.12	3.57	1.34	4.08	.78	9.77	
August	5.55	2.55	5.63	1.97	3.12	2.67	1.78	6.53	4.38	2.86	15.55	
September ..	.54	3.70	1.38	2.28	1.61	1.30	2.66	4.02	7.37	3.63	17.68	
October	1.78	3.82	4.65	5.48	1.33	1.72	6.72	6.15	4.65	2.55	20.07	
November ...	5.10	5.03	4.22	3.70	4.52	1.42	4.92	4.54	2.71	2.61	14.85	
December ...	4.41	8.85	4.52	2.38	5.45	5.95	4.20	3.12	6.88	4.66	18.86	
TOTALS ...	38.73	41.43	39.93	34.14	37.32	34.00	39.31	38.23	45.18	32.07	154.79	

1912 "Nothing near"

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
			Beckonnet			St John's Beckonnet		

RAINFALL at BraystonesCounty of CumberlandObserver H. H. Watson Esq.River Basin West Coast Streams 3

Rain Gauge, by _____

Diameter ...	10											
Height	3.6											
Altitude ...	36											
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930. MEANS.	1920-30 Totals
January ...	5.03	6.01	3.34	3.05	4.33	2.84	4.31	4.34	8.35	2.18	5.84	49.12
February ...	2.32	.22	3.94	4.78	1.12	4.27	4.48	3.22	3.64	1.48	.39	29.96
March	5.01	4.80	2.15	1.30	1.40	.84	1.34	3.31	3.35	1.07	2.54	27.11
April	4.27	1.78	1.66	3.67	1.88	3.24	1.91	1.70	1.38	1.72	2.41	25.82
May	3.73	2.56	3.06	2.10	5.02	6.30	2.35	1.68	1.02	2.73	1.53	32.08
June	2.70	.23	2.64	1.02	3.06	.32	2.10	3.81	4.20	2.22	2.04	24.34
July	4.88	3.62	5.30	4.48	6.02	1.52	4.20	4.83	5.18	5.66	2.31	48.50
August	2.68	6.58	4.58	7.43	3.80	4.45	5.12	4.50	6.11	5.47	7.15	58.17
September...	4.20	1.96	2.30	6.22	5.82	3.92	4.06	7.26	3.43	1.52	2.71	43.46
October	1.47	2.67	2.54	8.57	3.88	5.43	3.43	3.44	6.52	6.77	6.48	51.20
November...	2.87	2.30	2.23	4.57	2.82	2.29	6.51	4.52	7.75	8.47	4.37	48.70
December...	3.20	4.57	5.98	5.71	7.74	3.47	1.54	.83	3.28	5.62	3.58	45.52
TOTALS...	42.36	37.30	40.22	52.90	46.99	38.99	41.35	43.74	54.21	44.91	41.11	483.98

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
			Beckmet			St. Johns Beckmet		

RAINFALL at Braystones.County of Cumberland, Observer H. H. Walton, Esq.River Basin West Coast Streams - 3.

Type of Gauge

Annual Average 37.5 in. based on 40 years obs. un-weighted. Period of average 1881-1915 Ref. S

358091/34

Diameter	10.				5						
Height	3.6.				1'0"						
Altitude	36.										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means 1931-40
January	3.44	4.21	3.18	4.96	1.91	3.57	3.85	4.40	4.36	3.20	3710
February	3.01	.06	3.93	.28	3.85	1.81	5.10	1.70	4.06	1.19	2499
March	1.24	3.53	3.01	2.29	1.23	2.63	1.28	2.14	3.43	4.78	2556
April	1.81	3.06	1.85	2.35	2.51	.85	3.41	.35	2.19	1.62	1970
May	2.52	3.36	3.06	3.01	.96	1.14	1.71	4.65	0.32	1.67	2240
June	5.43	1.46	2.02	2.18	3.68	4.69	2.09	5.02	3.38	0.83	3078
July	5.35	5.03	3.04	.98	1.96	3.27	4.60	5.74	6.74	3.44	4015
August	3.64	3.46	2.82	3.20	2.52	3.38	3.92	2.89	2.13	1.38	2934
September	2.32	4.33	2.51	4.26	7.15	4.17	3.14	3.05	2.07	3.79	3679
October	2.70	8.02	2.68	5.45	5.77	2.68	3.74	9.94	1.51	4.43	4692
November	7.57	2.21	2.31	1.22	3.77	5.02	1.44	8.47	4.13	4.65	4079
December	4.01	7.24	1.11	6.22	2.84	6.10	3.13	4.46	2.05	4.46	4162
TOTALS	43.04	45.97	31.52	36.40	38.15	39.01	37.41	52.81	36.39	35.44	39614

Inspected 18/9/34:- Gauge in somewhat sheltered garden and catch is possibly reasonable.
Standard gauge will be set up to South of present gauge for comparison purposes.

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
			Braystones	3/4 m	W.	Beckmet	1 m.	N.E.

Station No. T.F. 3653

RAINFALL at Brangstone

41

County of Cumberland

Observer H. H. Watson Esq.

River Basin West Coast Streams - 3

Type of Gauge

Annual Average 37.5 in. based on 40 years obs. un-weighted. Period of average 1881-1915 Ref. S

File No. 358091/34

Diameter	5"				592	066					
Height	1' 0"					1					
Altitude	36'					41					
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	1941-50 Means Totals
January	.95	4.63	5.89	4.17	4.18	5.83	2.85	6.57	2.99	2.60	40.66
February	3.11	1.82	3.27	1.93	4.11	3.03	.55	2.34	2.55	3.80	26.51
March	2.38	2.96	.94	.49	2.98	2.29	6.04	2.80	2.22	4.37	27.47
April	2.03	1.87	2.32	2.93	2.61	1.36	5.95	1.91	3.70	3.63	28.31
May	3.84	3.45	3.95	2.10	4.15	1.50	4.30	1.44	2.23	1.43	28.39
June	1.01	.62	2.62	2.34	4.31	3.28	2.45	4.89	.79	2.93	25.24
July	2.53	3.78	2.87	3.32	3.56	4.95	3.29	2.19	3.62	3.68	33.79
August	5.44	5.27	7.43	4.21	1.17	5.12	.22	4.25	3.14	5.68	41.93
September	2.00	3.75	4.74	3.58	5.16	6.36	2.85	5.46	2.23	10.28	46.41
October	5.51	4.08	8.22	3.99	4.82	.46	.67	4.07	5.78	2.97	40.57
November	3.03	1.43	3.33	7.86	.34	7.46	5.21	4.75	4.75	5.06	43.22
December	1.80	6.04	1.89	3.90	2.74	5.57	1.75	4.96	5.90	2.73	37.28
TOTALS	33.63 D	39.70 D	47.47 D	40.82 D	40.13 D	47.21 D	36.13 D	45.63 D	39.90 D	49.16 D	419.78

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. 3653 *TF 51*RAINFALL at *Braystones*County of *Cumberland*Observer *H. H. Hylton Esq.*River Basin *West Coast Streams - 3*Type of Gauge *no. (no. 1000)*Annual Average *37.2* in. based on *40* years obs. un-weighted. Period of average *1881-1915* Ref. *5**41.56* " " *35* " *1916-1950*File No. *322091/24*
E 2002/56

Diameter ...	5"				592	066				5"	
Height ...	1' 0"					1				11"	
Altitude ...	36'					51				36'	
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	5.35	3.32	3.42	2.71	2.32	3.17	4.54	5.75	2.03	4.55	37.16
February ...	2.75	.91	1.61	3.93	1.12	.72	2.41	4.42	1.20	4.75	23.82
March ...	4.37	2.86	.42	3.10	1.63	1.19	3.71	1.32	2.72	0.90	22.22
April ...	1.72	3.14	2.07	.94	5.16	1.12	1.23	1.03	2.71	3.30	20.42
May ...	1.26	2.62	2.56	3.70	2.03	1.92	2.52	3.61	.88	2.45	23.45
June ...	1.37	3.08	1.32	4.01	4.45	2.98	1.98	4.86	3.12	1.68	28.85
July ...	2.72	2.36	4.79	5.02	3.25	5.79	4.26	3.18	2.33	5.28	33.98
August ...	6.91	3.74	4.44	4.11	3.84	10.40	3.38	3.67	.25	3.63	44.57
September ...	5.92	3.18	5.75	6.22	2.73	3.76	6.90	4.93	2.22	5.35	46.95
October ...	1.02	3.22	1.84	7.06	2.30	4.00	4.93	4.12	6.33	1.84	36.66
November ...	7.13	1.88	7.10	7.94	1.77	1.31	1.77	2.58	6.99	6.72	45.19
December ...	6.67	4.34	3.02	4.42	4.49	3.94	4.76	3.85	6.63	4.76	46.88
TOTALS ...	47.19	34.65	38.34	53.16	33.09	40.29	42.41	43.42	37.41	45.21	415.15

Inspected 14.9.60 by H.H.H. Only real m. only. Unsatisfactory on insp. with raspberry plants over gauge. Data could be satisfactory large slo/s E SE. Plants removed from gauge 30/10/60.

Position of Station on Ordnance One-Inch map :

No. of Map.....

National Grid Reference *NY35028058*

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
	✓	✓	✓	✓	
			✓ band - 31-34	✓	