

RAINFALL at Castle Larch.

County of Cumberland

Observer L. J. A. Stow Esq., C.E.

River Basin Eden Solway - 1

Auth.

Type of Gauge.....

Annual Average..... in. based on..... years obs. un-weighted. Period of average..... Ref.....

493342/36

Diameter								5"		
Height								1'		
Altitude								480'		
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940 Means
January								2.93	4.94	.29
February								1.36	2.49	.70
March								1.80	3.63	4.55
April								.61	1.83	1.89
May								2.79	.75	3.20
June								4.85	2.41	.86
July								4.29	4.55	7.03
August								2.61	2.56	2.70
September								1.59	1.16	3.37
October								7.17	2.31	2.50
November								5.99	4.00	2.99
December								3.35	1.63	2.78
TOTALS								39.34	32.26	32.86

B. dupl from F3362 (326 on file) L.W.D. 31.5.51. Values Revised.

C. 1938

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	Parish Church.	Distance from gauge	Direction

BRITISH RAINFALL ORGANIZATION

RAINFALL at Little branch

Station No.....

41

County of Cumberland

Observer

L.D. Shaw Esq C.E.

River Basin Eden, Solway - 1

Duth

Type of Gauge.....

Annual Average..... in. based on..... years obs. un-weighted. Period of average.....

Ref.....

File No. A93342/36

Diameter	5"			604	141						
Height	1'					1					
Altitude	480'					41					
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	.88	2.82	3.51	2.17	1.38	2.48	2.06	6.26	2.30	2.00	
February	3.39	.74	2.33	1.64	3.89	2.09	(2.5)	2.28	1.90	3.57	
March	3.26	1.64	.86	1.45	1.53	1.14	(2.50)	1.17	.78	1.79	
April	1.15	1.68	1.98	1.77	2.00	1.22	4.30	2.33	2.49	2.22	
May	2.16	2.49	2.63	2.23	4.47	1.03	2.37	1.06	.88	2.18	
June	.65	1.14	2.44	3.35	2.43	3.32	2.23	5.05	.68	2.17	
July	1.04	3.36	1.64	2.24	2.94	4.33	4.51	1.88	2.13	2.98	
August	5.25	2.16	7.01	3.36	2.65	4.97	.07	4.10	1.77	5.95	
September	.92	3.98	3.59	6.20	3.21	5.39	2.45	(5.60)	.86	5.07	
October	4.77	3.43	4.02	1.98	2.77	.79	.47	2.09	4.89	3.44	
November	2.16	.91	2.09	6.27	.34	3.90	4.61	2.98	4.32	3.31	
December	.94	3.34	1.12	3.04	1.53	3.00	1.38	2.50	5.04	1.48	
TOTALS	26.57	27.69	33.22	34.70	30.14	(32.2)	(20.30)	37.00	28.03	36.16	

C 1938

Copied from F3362 (326) on file L.W.O. 21.6.57

40024 30004 00104

10

Position of Station on reduced Ordnance Survey Map, No. of Map.....
1 mile to 1 inch Series

Reference No.....

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge.

BRITISH RAINFALL ORGANIZATION

Station No.....

3618/4

51

RAINFALL at Castle Garroch

County of Cumberland

Observer L. T. A. Stow, Esq. C.E.

River Basin Eden & Solway - 1

City Surveyor and Water Engineer

Type of Gauge Home made

Barrel.

Annual Average..... in. based on..... years obs. un-weighted. Period of average.....

Ref.....

File No. 49.3342/36

Diameter		604	141		5"			5"		
Height				1	1' 0"			10"		
Altitude				51	480'			480'		
Year	1951	1952	1953	1954	1955	1956	1957	1958	1959	Means
January	2.53	1.68	1.91	2.49	1.57	2.01	2.63	2.36	1.83	4.12
February	2.42	.77	.87	1.72	1.17	.93	2.15	2.94	.52	1.51
March	(3.86)	3.36	1.12	.44	1.31	.75	1.39	2.15	1.26	0.93
April	1.75	2.10	3.26	.78	1.44	1.15	1.09	1.74	2.38	1.83
May	2.28	1.31	1.95	2.91	1.91	1.38	2.13	2.56	1.48	2.05
June	1.97	3.27	1.24	4.69	2.52	2.81	1.30	2.11	2.61	1.06
July	3.51	2.46	4.42	3.61	1.42	3.43	4.03	3.31	3.24	3.57
August	3.47	3.32	4.11	4.05	2.23	10.83	3.99	3.62	.61	3.09
September	3.70	2.56	3.94	5.96	2.09	2.10	3.53	3.80	1.52	1.92
October	.89	2.45	1.44	8.34	1.65	2.73	3.41	2.68	3.49	2.71
November	6.07	3.39	4.00	4.59	1.01	1.31	1.10	1.09	4.38	4.49
December	5.31	2.79	1.81	3.97	3.83	2.41	2.62	2.72	3.75	3.15
TOTALS	36.63	27.22	20.39	44.42	21.59	32.48	30.13	29.42	27.07	30.43
	4P	4P	NP	NP	NP	NP	NP	D	D	D

Bedding weight from F3362 (32b) on file. L.D.W.31.5.57. (1938-1956)

Mark '51 and 1953

1957. Ash tree 20', 80' N.

Ingested 129.60 by 1000ft. g. reasonable. - site of most directions especially SSW. altitude 40° ESE less exposed. Bedding weight above USW to NW per. standard gauge.

10004

An. av. 32.53 in. based on 20 yrs. obs. 1938-57. 3 in. low. Period of av. 1916-50-5. - Rejected

Position of Station on Ordnance One-Inch map : No. of Map..... National Grid Reference 35/545581

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Parish Church.	Distance from gauge
1957			Haw Mill	4 mi W.	Castle Garroch	1/4 mi N.

Summary of Earlier Records from 10-year Sheets :

Record D, or d		1910-19	1920-30	1931-40	1941-50	1951-60