

RAINFALL AT Ecclefechan Spring Mill

Lat. .... Lon. .... County of Dunfries  
 Rain Gauge, by ..... Observer Mr J Leslie

bk. 5.

Diameter .....		5									
Height .....		103									
Altitude .....		302									
Year .....	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January .....	164	6.51									
February .....	377	2.56									
March .....	297	1.81									
April .....	411	2.22									
May .....	220	1.75									
June .....	434	3.26									
July .....	10.80	4.78									
August .....	444	6.16									
September .....	233	4.64									
October .....	355	4.67									
November .....	305	5.30									
December .....	401	3.41									
TOTALS .....	4811	47.07									

1883. Kirkpatrick Fleming Ch. 5 $\frac{1}{2}$  m. S.  
 Vinney 12 ft high 30 ft. S.

## RAINFALL at Eaglesfield, Springhill Gardens

County of Dumfries Observer G George

River Basin Esk 5

Rain Gauge, by

Diameter ...										5"		
Height .....										0 - 5"		
Altitude ...										300		
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930	MEANS
January ...									9.63	1.92	6.53	
February ...									3.94	1.56	2.7	
March .....									5.26	1.56	3.21	
April.....									1.20	1.33	3.13	
May .....									1.33	2.22	2.11	
June .....									7.25	2.86	3.47	
July .....									5.06	5.89	6.29	
August .....									10.35	8.22	8.78	
September...									3.23	.89	2.71	
October.....									7.44	6.70	8.05	
November...									5.93	7.14	3.89	
December...									3.65	7.26	3.63	
TOTALS...									64.27	47.04	52.07	

1928. Trees 60 ft. high 60 yds. N. S., & 90 yds. E.  
" 14 " 25 " 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
1928			Hurlebridge	2.2 mi	W.	Hurle	2.2 mi	S.

RAINFALL at Eaglesfield (Springwell Gdns)County of DumfriesObserver Charles GeorgeRiver Basin. S. East

Col. Sir E. A. Johnson Ferguson (1936)

Type of Gauge 1/2 in. StandardAnnual Average 41.3 in. based on 5 years obs. sq-weighted. Period of average 1881 - 1915Ref. 5

Diameter	5"										
Height	1' 0"										
Altitude	300'						303'				300'
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	3.41	4.34	3.69	5.00	2.62	5.23	4.69	4.58	6.14	3.22	
February	3.16	1.03	3.77	1.12	4.32	(2.59)	5.36	1.84	3.29	1.45	
March	1.07	3.51	1.68	2.09	1.41	(3.44)	1.90	2.14	3.04	5.63	
April	2.49	2.92	2.43	4.03	4.92	90	3.17	.56	1.77	1.85	
May	3.45	2.67	2.74	3.04	.85	4.45	1.96	4.34	.96	1.02	
June	7.71	1.05	3.27	2.98	4.41	4.44	3.48	5.02	2.98	1.17	
July	5.22	6.37	5.20	2.01	1.82	5.24	3.35	6.94	7.38	5.27	
August	2.04	1.68	2.88	5.62	4.36	3.48	2.75	1.96	1.76	2.29	
September	1.45	5.40	.85	5.29	5.66	5.96	(4.00)	2.63	2.25	3.76	
October	3.69	6.76	2.83	5.72	7.27	4.37	(3.50)	7.50	3.26	3.42	
November	8.84	3.16	1.50	.45	4.48	4.13	.66	6.37	4.69	3.77	
December	3.92	5.18	1.11	6.66	3.27	3.88	1.92	3.22	1.46	4.14	
TOTALS	46.45	43.07	31.95	43.01	46.39	(44.16)	(36.54)	47.10	38.98	37.09	

1931. Trees 20' high 18yds N. 60' high 35yds S. Bushes 12' high Tyde E. Trees 12' high 5yds  
Gauge moved 1st Jan. 400yds. S.E.

1938 Tree 15' high 10yds N. + 15yds W. Gauge moved 15yds S.W. 21/2/38.

1940

1940. Jan amended for snow.

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
1931.			Kirtlebridge	2 1/2 m	S.W.	Kirtle	2 m.	S.

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

63-614983

Station No. 5037

## RAINFALL at Eaglesfield (Springwell Gdns)

41

County of Dumfriesshire

Observer Col. Sir F. A. Johnson Ferguson Bt.

River Basin 5 - Esh

Type of Gauge Standard

Annual Average 413 in. based on 5 years obs. un-weighted. Period of average 1881-1915 Ref. S

File No.

Diameter	5"				614	983				
Height	1' 0"						1			
Altitude	300'		303'				41			
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950
										Means
January	0.72	5.09	6.24	4.93	3.84	5.10	5.07	7.80	2.67	2.35
February	3.52	1.56	2.39	1.42	5.16	2.38	.62	3.00	2.93	3.71
March	3.91	3.13	1.60	.22	1.88	2.74	4.74	2.51	1.90	4.44
April	1.46	2.33	2.69	2.54	3.09	1.27	4.95	3.29	3.16	3.34
May	3.12	3.91	4.56	2.70	4.76	2.01	4.42	1.79	2.30	2.23
June	.61	.69	4.17	4.87	4.11	5.00	3.70	6.92	1.04	4.06
July	2.15	3.70	3.66	3.65	4.14	3.84	5.73	2.73	3.42	4.60
August	6.97	4.28	6.64	5.03	2.25	6.91	.11	8.03	3.46	4.42
September	1.87	5.18	5.35	6.28	4.81	6.46	3.56	6.15	1.25	9.44
October	5.52	4.58	6.87	3.86	4.73	.63	.94	4.38	6.94	3.66
November	3.16	1.00	2.44	6.35	.30	6.20	5.35	4.87	4.93	3.83
December	1.78	4.75	2.20	4.97	2.46	4.64	1.93	4.60	7.82	1.74
TOTALS	35.19	40.20	48.84	46.82	41.53	47.18	41.12	56.07	41.82	51.02

1941 Tree 20' high 10 yds N.

Tree 20' high 18 yds W.

1946 Gauge moved 50' NW on 17.4.6. Small tree 10' high 15' S.

See sketch on back. M. H. S.

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
1941			Kirklebridge	2 1/4 m.	S.W.	Middlebie	2 1/4 m. N.N.W. (W.W.W. 1448)

BRITISH RAINFALL ORGANIZATION

Station No. 5037

51

RAINFALL at Eaglesfield (Springdale gauge)

County of Dumfries

Observer Col. Sir E. A. Johnson Ferguson Et  
late 1953

River Basin 5 - East

Lt.-Col. A. Johnson-Ferguson (1954)

Type of Gauge Snowdon given as B.R. 1954.

Annual Average 5.3 in. based on 5 years obs. un-weighted. Period of average 1881-1915 Ref. S  
" 45.21 " " 29 - water 58. " " 1916-50 " S  
File No.

Diameter ...	5"				614	983					
Height ...	1'0"						1				
Altitude ...	303'						51				
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	5.75	3.45	1.89	3.54	4.50	3.90	6.37	4.63	3.07	6.01	
February ...	2.95	.80	1.23	3.01	1.47	1.17	4.09	3.82	1.48	5.00	
March ...	3.94	2.97	.87	3.49	2.61	1.78	4.34	1.53	3.02	1.64	
April ...	2.20	3.17	3.62	1.03	2.47	1.34	1.74	1.60	3.90	3.86	
May ...	1.92	2.75	2.41	3.18	2.79	3.10	3.03	4.21	2.14	2.77	
June ...	2.07	4.50	1.62	5.25	3.67	2.41	1.50	2.91	3.58	2.93	
July ...	4.51	2.33	9.66	6.96	2.68	6.45	4.39	4.51	4.17	6.34	
August ...	4.20	4.33	5.00	5.24	2.14	9.90	4.41	6.50	1.47	3.69	
September ...	6.07	2.25	3.97	7.66	2.80	3.27	5.05	8.63	2.05	4.07	
October ...	0.80	4.68	2.66	9.24	2.63	3.52	4.87	4.67	4.60	4.24	
November ...	9.71	2.55	7.33	7.55	1.59	1.88	.91	1.49	6.35	6.45	
December ...	6.42	4.09	2.79	4.70	5.88	4.71	2.79	3.43	6.85	4.36	
TOTALS ...	50.54	37.87	43.05	60.85	36.21	43.43	43.49	47.93	41.68	51.36	

1951 Small trees 10', 15 yds S..

Position of Station on Ordnance One-Inch map : No. of Map ..... National Grid Reference NY(36) 255758

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Parish Church.	Distance from gauge.
1951			Kirkbride	2 1/4 SW	Middlebie	2 1/4 WNW

Summary of Earlier Records from 10-year Sheets :

Record D. or d	1910-19	1920-30	1931-40	1941-50	1951-60
		C 1928 ✓	✓ ✓ last d 36 b 38	✓	✓