

# RAINFALL at Beith, Fitter Station

County of Ayr Observer Wm. G. Dale Esq.  
 River Basin Inver & G-3 per Scot. Met. Soc.  
Snowdon Rain Gauge, by Pas & Rappin

Diameter ...			5								
Height .....			6.0								
Altitude ...			384 <sup>ft</sup>								
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...			3.44	3.01	4.40	4.15	5.51			6.28	
February ...			3.94	3.97	4.08	5.10	5.26			.59	
March .....			5.84	5.24	4.90	2.93	1.14			3.36	
April .....		5.97	2.86	3.09	2.38	2.68	2.98			1.99	
May .....		2.98	1.54	4.21	1.79	1.42	5.43			.92	
June .....		2.81	5.26	3.22	1.24	2.02	2.42			5.78	
July .....		2.90	2.27	1.17	2.04	4.17	2.61			1.37	
August .....		3.60	3.38	2.01	4.61	2.46	4.71			3.15	
September ..		2.94	2.73	2.09	2.40	1.23	1.90			4.51	
October ...		4.57	6.14	2.69	2.01	2.67	6.47			.76	
November ..		7.11	4.90	7.27	5.60	1.95	3.95			3.29	
December...		7.74	6.37	5.29	4.41	4.73	5.77			6.46	
TOTALS ...			48.67	43.26	39.86	35.51	49.15	NR		38.46	

1912. Tree 30ft high, 33 ft. SSE.  
 1911. Received VI. 13. Entered 17.XI.13

N.B. Annual values reported from Survey Map, 1929.

Date.	Lat. N.	Long. W.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1912	55.44	4.33	Beith	2900 yds.	W.	Beith	2400 yds.	W.

RAINFALL at Beith (Filly Station). "C" gauge (1921)County of Arg. Observer W. C. Dale Esq.River Basin 3 Inverclyde 1930 4th Gray LogShawdon Rain Gauge, by P. & R. Bell

Diameter ...	5										
Height .....	6.0								1.0		
Altitude ...	<del>524</del> 415	<del>100</del>						415	421	445	
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	MEANS: 1930.
January ...	6.69	8.67	4.03	6.43	5.46	4.78	5.50	6.31	9.82	2.17	4.63
February ...	7.81	1.90	5.89	3.49	1.41	3.95	5.36	3.23	4.27	2.61	3.6
March .....	4.57	7.24	2.14	3.09	.54	2.04	3.38	3.87	4.53	1.67	3.08
April .....	1.45	1.70	2.75	3.32	2.63	4.70	2.61	3.71	1.36	1.08	1.64
May .....	4.54	2.72	4.29	1.30	4.42	7.18	3.22	2.71	1.86	8.66	2.17
June .....	2.72	1.03	2.61	2.19	3.07	1.66	3.43	4.52	4.27	3.31	2.93
July .....	9.83	5.71	3.02	6.31	4.83	1.81	3.63	5.37	4.01	5.46	3.41
August .....	6.17	5.98	3.80	7.37	3.74	3.83	3.84	5.68	4.51	7.12	5.09
September...	2.40	2.24	1.38	7.11	5.29	3.16	4.24	6.85	4.42	1.78	2.91
October .....	2.66	4.60	3.98	6.93	3.70	5.07	6.92	5.65	2.72	6.78	5.48
November...	3.52	3.02	2.82	4.53	4.98	1.22	6.21	5.55	6.87	8.25	6.22
December...	5.69	9.39	3.06	5.14	6.57	4.43	2.80	1.61	4.49	9.72	5.89
TOTALS...	52.05	54.20	39.76	57.21	46.64	42.83	51.14	55.06	59.15	53.61	46.81
	0		0		0	0	0	0	0	0	0

1921 Tree 50 ft. high 100 yds. N.E.

1925 addition of 1.00 in Dec. for snow.

\* See note on 1927 return

1930 F.R. 5562 encl. 37A Obs. says "New gauge supplied to be placed on site selected." This was done 29/9/30

Sia 14 yds N.E.

N.B. Annual values rejected from Survey Map. 1929.

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
1912	55° 44'	4° 23'	Beith	2900	W.	Beith	2400	W.
						"	12 1/2 mi.	W.

RAINFALL at *Bath (Fear Station)*County of *Avon*Observer *W. Gray, G.S. Coy.*River Basin *3. Avon & C.*

Type of Gauge .....

Annual Average <sup>53.7</sup>~~54.5~~ in. based on <sup>7</sup>~~8~~ years obs. weighted. Period of average *1581-1915* Ref. *S.**accepted for use M.O.  
4/29. 5/6*

Diameter	5"										
Height	1' 0"										
Altitude	415' 412'										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	5.59	10.29	5.08	6.67	3.35	4.63	5.63	8.31	5.42	3.59	
February	5.34	.08	4.59	.79	6.33	2.71	6.30	3.24	7.50	2.24	
March	1.41	2.90	3.48	2.72	2.51	3.66	1.81	4.93	4.03	5.66	
April	2.36	5.27	3.82	4.21	2.56	1.82	2.47	1.21	3.12	2.61	
May	4.62	3.72	3.26	3.72	.78	1.75	1.85	4.94	1.39	.75	
June	7.00	1.91	2.75	2.11	4.39	2.37	4.34	6.92	2.70	1.22	
July	5.82	4.74	5.03	3.08	2.78	6.82	5.88	5.44	6.38	3.42	
August	1.91	3.25	4.51	4.93	2.28	4.45	3.49	3.51	1.69	3.09	
September	1.74	6.62	.68	7.63	6.79	5.03	3.64	6.51	2.70	5.79	
October	4.89	7.65	3.07	9.56	12.03	7.58	2.95	11.36	2.58	5.49	
November	8.48	5.09	2.87	2.24	5.83	5.63	.71	9.43	10.45	7.53	
December	6.82	9.57	1.72	7.87	3.76	7.64	4.14	4.13	3.91	7.10	
TOTALS	55.98	61.09	40.86	55.53	53.39	54.14	42.71	69.93	51.87	48.49	

1931. Toolhouse 13' high 21' N.E.

New gauge 1930. Average 1930-32 seems reasonable. 11/12/33.

*Annual Average 45.8" rejected from Survey as 10" too low*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.			Bath	1 3/4 m.	N.W.	High Bath	1 m.	N.W.



72-647782

RAINFALL at

Beith (Filton Station)

Station No.

5251

41

County of

Ayr

Observer

W. Gray, Esq.

River Basin

3 - Irvine &amp; C.

T. W. Leslie Esq. 1948

Type of Gauge

Annual Average 53.7 in. based on 7 years obs. unweighted. Period of average 1881-1915 Ref. S

File No.

Diameter	5"				647	782					
Height	1'0"					1					
Altitude	442'					41					
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	1.16	9.06	6.18	6.72	4.21	7.04	5.56	7.86	8.93	4.65	
February	3.75	2.23	8.55	2.64	9.40	4.31	1.44	5.60	6.65	4.78	
March	3.02	3.39	3.03	1.09	4.24	3.83	4.95	5.03	3.57	3.65	
April	2.04	1.89	4.48	3.98	2.35	2.84	6.24	3.50	7.35	4.42	
May	3.68	3.32	4.04	4.82	5.17	2.35	4.90	2.28	3.06	1.60	
June	1.38	2.70	4.64	5.09	4.16	3.56	3.96	6.12	1.06	3.06	
July	4.55	4.71	2.89	5.48	4.47	4.06	4.97	5.76	2.09	7.38	
August	5.24	7.16	7.44	4.20	2.44	3.03	.05	7.67	5.98	6.61	
September	2.60	6.14	3.81	7.09	6.06	10.28	5.43	8.12	2.69	12.68	
October	5.13	8.10	11.03	6.73	7.55	0.51	3.24	4.67	8.75	5.55	
November	4.54	0.94	3.31	7.44	0.75	7.96	8.03	4.70	6.57	4.58	
December	3.36	8.34	2.90	5.36	3.99	5.90	3.87	6.80	11.17	2.17	
TOTALS	40.45 D	57.98 D	62.30 D	60.64 D	54.79 D	55.67 D	52.64 D	73.11 D	67.87 D	61.13 D	

1941 Toolhouse 13' high 21' NE.

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.
1941			Beith	1 1/2 m	NW.	Beith	1 mi	NW.

BRITISH RAINFALL ORGANIZATION

RAINFALL at

Beith (Fitter Station)

51

County of

Ayrshire

Observer

J. J. L. L. L.

River Basin

3-Grange &amp; Co

Water and Drainage

Type of Gauge

M.O. gauge (1930)

Engineer

Annual Average 53.7 in. based on 7 years obs. un-weighted.

Period of average 1881-1915

Ref. S

" " 57.16 " " 28 " 1921-59.

1916-50

File No.

Diameter ...	5"			?	647	782					
Height ...	1' 0"					1					
Altitude ...	412'		412'			51					
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	6.27	6.81	3.77	6.42	3.40	1.06	6.14	6.46	2.36	4.82	
February ...	3.50	2.76	3.38	4.66	3.56	2.29	3.55	4.12	2.64	4.83	
March ...	4.48	4.52	1.27	3.64	2.05	3.52	5.63	1.43	3.14	2.35	
April ...	3.14	2.82	2.04	2.69	4.32	1.55	3.09	2.06	3.59	5.23	
May ...	2.05	1.67	2.27	3.37	5.22	3.44	2.92	4.47	1.45	2.33	
June ...	2.57	3.87	1.96	5.36	3.88	2.98	2.91	3.16	3.56	3.23	
July ...	0.23	3.80	6.28	8.03	1.64	4.79	5.58	5.46	5.83	5.17	
August ...	5.48	5.35	3.66	7.61	1.31	5.47	4.86	4.73	1.18	4.00	
September ...	3.87	3.86	6.94	7.46	5.69	4.91	3.76	6.91	1.73	4.04	
October ...	1.26	5.90	4.60	11.43	3.12	3.81	6.80	4.91	7.09	3.05	
November ...	7.11	3.35	9.08	8.18	2.64	2.57	2.68	2.55	6.14	6.91	
December ...	9.26	5.89	6.36	8.75	8.86	6.52	6.50	6.99	8.88	7.08	
TOTALS ...	53.22	56.60	51.61	74.65	45.69	45.91	54.42	53.25	47.59	53.04	
	D	D	D	D	D	D	D	D	D	D	

1951 Todhouse 13' 21' NE. gauge impeded by over Blardale of 53. the gauge is old lat sound (1920). Latest measure 10/7/59/44. House 13' high at 12-15°, 085°; trees 20'-38' high at 50°, 160°. overtopped W-NW. Remarks that gauge be moved to lower on ground of small house in fitter enclosure.

1953. 1/10 g. moved as requested

Position of Station on Ordnance One-Inch map :

No. of Map.....

National Grid Reference 26/3714 5382.

Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction from gauge.
1951			Beith	1 1/2 mi NW	Beith	1 mi NW.

Summary of Earlier Records from 10-year Sheets

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
	imp 1911 - 17 + 18	✓ - 21 + 22 ✓	✓	✓	