

RAINFALL AT Airdrie, Forrestburn Reservoir

Lat. _____ Lon. _____ County of Lanark _____

Rain Gauge, by Observer John Frew Esq.
Forth, Rbank - 3. (Linlithgow Co. Council)

Diameter ...					6					6	
Height					0 6					0 6	
Altitude ...					720					720 T	
Year ...	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ...					3.40	2.50	4.50	3.10	3.60	5.00	
February ...					2.70	2.30	2.60	2.50	2.10	2.50	
March					2.00	4.40	2.30	3.90	4.40	4.10	
April					4.70	2.60	1.20	1.50	1.70	3.20	
May					3.60	1.20	5.50	4.20	3.10	2.60	
June.....					1.30	.90	1.50	4.50	2.10	2.80	
July					2.00	3.00	2.60	3.10	3.60	3.70	
August.....					3.90	4.00	6.00	5.20	3.20	3.30	
September ..					2.80	3.00	1.80	1.50	5.20	2.40	
October ...					1.70	2.20	7.40	8.60	1.40	5.70	
November					2.00	3.10	4.50	2.00	2.70	2.30	
December...					4.80	3.50	2.20	5.30	1.50	5.10	
TOTALS ...					34.90	32.70	42.10	45.40	34.60	42.70	

1904 - Sacc'd. 15.I.10; entd 29.VII.12.

RAINFALL at Airdrie, Forrestburn Reservoir

County of Lanark

Observer

J. Frew Esq.

Soc. Met. Soc.

River Basin Forth - Right bank trib. 3.

Rain Gauge, by

Diameter ...	6	8										
Height	0 6											
Altitude ...	720T											
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.	
January ...	4.50	2.60	2.10	3.00	2.50	3.60	5.20	2.70	3.90	3.10	3320	14.90
February ...	4.20	4.80	2.50	2.10	3.20	2.80	4.20	1.20	4.50	1.90	3120	11.60
March	1.90	1.80	5.20	4.50	4.40	2.80	2.50	2.20	1.30	2.20	2880	8.20
April	4.00	2.30	1.30	2.70	2.70	2.00	4.00	1.50	.50	3.40	2440	9.40
May	2.60	1.80	1.60	2.20	2.90	1.70	5.40	2.40	2.60	1.20	2440	1.60
June	1.40	2.00	5.70	2.70	.80	2.50	3.60	3.10	1.10	2.80	2570	10.60
July	3.90	2.40	2.40	1.20	2.50	4.30	4.20	3.40	2.70	1.10	2810	11.40
August	6.20	2.00	4.90	1.50	2.80	3.80	4.20	4.90	2.50	2.90	3550	16.30
September ..	1.30	2.00	3.10	2.00	1.50	1.80	1.80	2.20	6.10	3.50	2530	3.60
October ...	1.80	3.20	3.90	2.30	1.80	1.80	6.70	4.80	4.80	1.40	3250	17.70
November ...	3.10	6.10	3.50	5.20	4.10	1.50	3.90	6.80	2.30	5.40	4190	18.40
December ...	3.00	4.00	5.90	3.70	4.80	5.30	3.70	4.20	4.40	5.10	4410	17.40
TOTALS ...	37.90	3500	42.10	33.10	34.00	33.90	44.40	39.40	36.70	33.60	37.510	191.10

1912 Received VI. 14.

Entered 2. XII. 14.

Date.	Lat. N.	Long. W.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1912	56° 43'	3° 30'	Westcraig	2 miles	SW.	Hasthill	2 mi	
1919	55° 52'	3° 48'	Forrestfield	1 miles	N	Kirk of Blatto	2 miles	SW

RAINFALL at ~~Adrie~~ (Forth basin trib.)County of Forth.Observer J. H. C. Esq.

River Basin

3. Forth - Right bank trib.

For, Sept. 1922, J. Glasc.

Rain Gauge, by Blenfield Co.Eng. BattagliaKilmarnock (1921)

1923 Adam Simpson CE

Diameter ...	8	4	- 5								5
Height	1.6	0.8	- 6						1 0	0 6	
Altitude ...	722							722		722	1930.
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	MEANS.
January ...	4.60	4.20	3.80	4.10	3.50	3.40	3.60	5.10	7.60		5.33
February ...	4.70	.50	2.60	3.40	1.20	3.60	4.30	2.20	4.07		.47
March April	3.40	5.00	2.00	1.50	1.20	2.70	3.20	3.00	2.61		1.99
May	2.50	1.40	1.80	3.10	2.20	4.80	2.00	3.00	1.04		.97
June	4.40	2.10	3.00	2.60	5.30	5.00	2.50	2.80	1.63		1.96
July	1.60	.80	2.10	1.40	2.10	.60	3.10	3.30	4.46		3.38
August	4.20	3.20	3.40	4.60	2.60	1.80	3.30	3.60	2.59		3.55
September...	6.70	6.20	2.30	6.30	3.90	3.00	2.60	6.90	3.75		4.35
October.....	2.10	2.60	2.60	4.50	4.00	4.20	4.30	8.50	3.64		4.24
November...	1.30	4.90	2.40	5.20	3.90	2.70	4.90	4.70	5.17		5.73
December...	3.00	2.20	2.30	4.50	2.40	.60	4.30	3.70	3.55		4.64
TOTALS.	410.80	43.10	31.50	44.90	36.50	37.00	39.80	48.20	42.24	NR.	3921
										D	D

1921. Stone 30ft. Rye soft. E

1922 " 25 " " "

Position of Station on reduced Ordnance Survey } No. of Map
Map, 2 miles to 1 inch Series }

Reference No.

Date.	Lat. N.	Long. E	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge
1919	55°52'	2°48'	Blenfield	1m.	N.W.	Kirk of Gholts	2m. N.E.

RAINFALL at Airehead (Formerly Reservoir)

County of Lanark

Observer A. Simpson G.E.

River Basin S. Forth - Right Bank

T. Arthur Fox

Type of Gauge M.O.

Annual Average 37.1 in. based on 28 years obs. un-weighted. Period of average 1881-1915 Ref. X/37

S

Diameter	5"										
Height	0' 6" 1' 0"									6"	
Altitude	722'										
Year	1881	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	2.70	6.72	3.44	3.85	2.32	4.66	3.82	6.54	4.52	.96	
February	3.68	.06	2.95	.53	4.88	2.56	4.84	1.26	4.32	1.69	
March	1.25	2.17	1.38	3.60	2.51	2.90	1.02	2.90	4.52	4.06	
April	2.53	2.77	1.69	3.95	9.47	1.29	1.25	.80	1.34	3.02	
May	3.32	3.02	2.50	2.25	.81	6.5	1.82	4.93	1.04	3.56	
June	6.62	1.13	2.03	2.84	3.90	2.15	3.05	4.58	2.08	.86	
July	4.98	3.69	3.95	3.29	2.28	5.68	4.72	3.51	5.04	5.07	
August	3.75	1.48	2.22	3.73	1.83	2.65	4.63	2.27	1.48	1.97	
September	1.21	5.10	1.46	3.92	5.17	4.56	2.76	5.31	1.91	4.09	
October	3.46	6.28	3.19	5.74	7.46	3.93	4.80	7.27	2.12	3.07	
November	5.51	2.98	1.92	1.44	4.75	3.72	.69	7.47	7.01	4.07	
December	3.68	8.20	1.09	3.32	1.55	4.39	1.54	2.77	1.73	3.48	
TOTALS	42.69	43.60	27.82	38.46	40.38	39.12	34.97	49.66	37.11	35.89	
	D.	D.	D.	D.	D.	D.	D.	D.	D.	D.	

1931. House 25' high 50' E.

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
1931.			Tonestfield	1 3/4 m	N.W.	Shotts	2 1/2 m

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

Station No.

5162

RAINFALL at Airdrie (Forrestburn Res')

41

County of Lanark

Observer

T. Aitken, Esq.

River Basin 3-Forth-Right Bank

Type of Gauge

Annual Average 27.1 in. based on 28 years obs. un-weighted. Period of average 1881 - 1915 Ref S.

File No.

Diameter	5"									
Height	1' 0"	0.6								
Altitude	722'	735								
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	Means
January	.97	4.46	2.88	5.23						
February	3.09	(1.91)	4.88	1.38						
March	2.59	1.51	2.62	.56						
April	1.41	1.95	2.20	2.71						
May	4.29	2.41	3.84	3.05						
June	.86	1.27	4.47	3.58						
July	3.24	3.37	2.43	2.68						
August	4.70	3.56	4.88	4.66						
September	.83	4.57	2.51	3.76						
October	3.66	6.05	5.73	4.33						
November	2.54	.89	2.05	6.38						
December	1.95	3.23	2.01	3.12	#					
TOTALS	30.13	35.18	39.90	41.44						
	0	0	0	0						

#2 Feb 1913 card for snow

new. at 516291. observer intended to abandon old record end of 1944-
1344 n.p. check

+ cont'd by Water Sept 20/1/43

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

A.M. Form 1803. Air Ministry, Meteorological Office.

897213

Airdrie

Station No.

5162/1

RAINFALL at (Forrestburn Reservoir) 1939

41

County of Lanarkshire Observer T. Aitken, Esq.

River Basin 3 - Right Bank

Type of Gauge M.O.

Annual Average 37.1 in. based on 28 years obs. un-weighted. Period of average 1881-1915 Ref. S.

File No.

Diameter		5		897	213			5		
Height		10				1		10		
Altitude		700				41		705'		
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	Means
January		-100	3.11	5.55	2.52	4.02	3.08	6.43	4.41	2.78
February			4.53	1.47	5.18	2.25	0.87	3.08	4.41	4.18
March			2.90	0.58	2.81	2.83	(2.71)	1.68	2.00	4.11
April			2.46	2.88	1.99	1.24	2.91	2.17	4.04	3.90
May			4.22	3.27	4.55	1.36	2.64	1.37	1.92	2.22
June			4.81	3.86	3.28	2.95	2.70	4.55	1.12	3.36
July			2.59	2.84	3.65	3.36	2.01	2.09	2.70	5.31
August			5.37	4.87	2.59	3.35	0.04	4.09	4.23	4.24
September	imp	ff-100 imp	2.73	3.89	5.86	6.41	3.30	2.42	2.54	7.17
October			6.61	6.11	4.58	4.39	4.3	1.60	2.77	5.28
November			9.7	2.17	6.79	5.59	4.05	5.61	3.01	4.60
December			3.43	2.11	3.12	2.97	2.57	2.76	4.61	8.68
TOTALS		-100 = 0 imp	43.11	+370	40.38	34.82	30.23	38.27	45.93	48.44

1942 imp imp.

10004

1947 Mar. adj. for snow

1947 July ff. Inspected by Mr Thomson with the County Water Engineer on 23.11.48. For notes see over.

1948 New gauge ordered and to be re-sited. reported, gauge removed.

21/12/48 New gauge installed on new site.

New M.O. gauge supplied May 1942
(used for four months at Annadale 85152/8/5)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
1942			Forrestfield	1/4	NW	Shotts	2 1/4 m	SW

BRITISH RAINFALL ORGANIZATION

897213

Station No. 5162/1

RAINFALL at Gairdie (Torrestown Reservoir)

51

County of Laragh

Observer T. Aitken Esq.

River Basin Firth

3 - Lagan Right Bank

Type of Gauge m.s.o.

Annual Average 37.1 in. based on 28 years obs. un-weighted. Period of average 1881-1915
 45.73 " " 2 " - 1958-59 Ref. S
 1916-50
 File No.

Diameter ...	5"				897	213					
Height ...	1' 0"						1				
Altitude ...	705'	735'					51				
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January	3.80	4.14	2.29	4.37	2.42	2.27	5.49	3.72	1.61	4.17	
February	2.25	1.60	1.82	2.85	1.51	1.81	3.12	2.41	2.14	4.46	
March	3.93	2.14	.94	2.09	1.05	2.96	3.00	2.11	1.85	1.79	
April	3.17	2.07	2.64	2.15	1.82	.71	1.53	1.73	2.94	2.94	
May	2.13	1.44	2.52	4.14	3.63	2.23	2.44	3.81	1.72	2.36	
June	2.83	3.67	2.12	3.71	2.56	3.60	2.84	3.64	2.98	1.96	
July	3.95	3.25	6.52	3.70	1.30	4.94	4.85	7.04	5.66	2.56	
August	5.13	5.12	3.52	6.95	1.37	5.13	5.19	3.45	1.25	2.88	
September	2.96	2.92	3.55	6.19	3.55	4.77	2.46	4.90	1.22	2.04	
October	1.18	3.35	2.48	9.85	3.01	3.36	3.69	2.76	4.30	3.51	
November	5.90	2.67	7.39	5.68	1.88	1.22	2.42	2.09	6.74	4.57	
December	6.44	4.48	4.73	5.96	6.89	5.71	4.61	6.22	5.04	4.54	
TOTALS	42.47	36.85	40.42	57.64	30.99	38.71	41.64	44.88	37.45	37.78	
	D	D	D	D	D	D	D	D	D	D	

Ins. Dec 1956. G. sound. Ground rises N.E. 0° 00', slight slope down to S. to ravine 30-40 yds away. Embank & rising ground beyond. Bank beyond stream is about above gauge level. May be off G.S. More S. 25° SW to a hollow protected on all sides except the West. Built partial turf wall to close gap. G. may be needed to move in b. 12 months to new field bank.

20.57. G. moved and partial turf wall built.



April 1961. G. moved 50' W

✓

Annual average 45.73 in. based on 24 yrs. obs. 1958-59. To short. Period of average 1916-50. Ref. 8.

Position of Station on Ordnance One-Inch map : No. of Map National Grid Reference 26/874649

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

Summary of Earlier Records from 10-year Sheets :

Dust

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
C 1904	✓	✓ 1st w. 2.29	✓	ref 42.48	✓ Comp 1942