

Sh. Hill
 Mugdock Reservoir, Stirlingshire

Bin + *Ground bin* + *Sea Level 320 ft*
 Clyde, R. bank - 5.

YEAR - -	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -	8.00	9.40	3.60	4.10	7.80	2.40	8.40	5.10		
February - -	1.80	3.90	4.20	2.80	5.70	4.70	8.30	6.60		
March - - -	7.00	4.30	3.10	4.00	2.30	2.90	1.10	6.20	2.00	
April - - -	4.0	4.30	4.30	2.30	1.00	1.80	4.60	3.10	2.00	
May - - - -	6.0	4.80	3.10	1.50	2.40	1.30	3.00	2.80	6.0	
June - - - -	3.20	4.10	3.60	3.90	7.0	2.10	2.50	2.00	2.40	
July - - - -	4.40	6.30	1.10	3.00	2.60	4.00	4.20	1.10	2.70	
August - - -	10.40	4.20	4.30	2.30	6.10	5.80	2.50	4.30	1.10	
September -	6.00	3.00	6.40	6.30	1.40	6.50	4.10	2.80	7.70	
October - -	4.70	8.40	4.00	2.60	4.10	3.70	4.70	5.50	2.30	
November -	7.90	3.00	5.00	3.50	3.40	6.00	1.20	5.50	6.80	
December -	3.50	8.40	6.60	3.10	4.00	7.60	6.10	6.90	5.30	
TOTALS -		60.60	54.80	40.30	34.90	55.20	40.10	56.90	44.60	

38740

RAINFALL AT *Mugdock Reservoir*

Lat.....

Lon.....

County of.....

Shirley

Rain Gauge, by.....

Observer.....

*J. M. Gale Esq. R.E.**Clyde, Rbank - 5.*

Diameter .....	.8											
Height .....	.6											
Altitude	320											
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.	
January.....	5.60	5.50	7.40	6.60	4.50	10.50	3.10	7.00	4.70	3.70	5.860	
February.....	6.60	6.20	4.30	1.20	1.50	1.50	5.50	4.60	3.10	2.10	3.860	
March.....	1.90	4.00	2.90	2.00	4.10	2.00	7.80	1.70	1.80	4.50	3.270	
April.....	3.30	3.80	1.30	.20	1.60	2.30	3.00	3.10	2.50	2.00	2.310	
May.....	3.60	1.30	3.10	2.80	2.10	3.90	.60	2.20	4.90	3.50	2.800	
June.....	1.70	2.20	9.60	2.90	1.50	3.20	3.50	4.50	2.40	4.90	3.640	
July.....	2.80	4.90	6.20	6.10	3.30	1.50	1.50	3.70	1.30	5.90	3.720	
August.....	7.30	3.60	5.40	5.10	5.00	3.80	5.60	6.90	3.00	5.50	4.820	
September.....	3.80	1.10	7.70	5.70	5.00	5.00	2.40	1.90	5.80	6.70	4.510	
October.....	5.10	3.70	4.80	6.60	7.20	4.80	6.40	7.00	6.50	3.20	5.830	
November.....	2.30	3.80	5.90	3.60	4.30	4.90	2.80	7.20	1.40	1.60	3.750	
December.....	2.70	4.70	5.00	3.20	1.70	4.40	9.20	6.60	1.10	4.10	4.270	
TOTALS	40.70	46.80	63.60	46.00	41.80	47.80	51.40	56.40	38.50	47.70	48.070	

1871 *Av* 47.4

RAINFALL AT Strathblane Mugdock Res

Lat. _____

Lon. _____

County of Stirling

Rain Gauge, by _____

Observer J. M. Gale, Esq., C.E.

Clyde, R. bank - 5.

Diameter	8										
Height	0.6										
Altitude	320										
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January	3.50	.80	6.80	5.60	8.40	4.00	6.30	3.80	5.30	3.90	4.840
February	4.90	8.90	5.40	3.80	5.10	4.30	3.40	3.70	1.00	3.90	4.440
March	3.30	1.60	5.70	1.20	5.50	2.40	4.70	2.70	4.55	3.30	3.495
April	3.30	3.90	1.70	2.60	1.10	2.10	2.20	2.90	3.15	3.00	2.595
May	2.00	3.10	2.30	3.00	3.60	3.20	3.00	1.30	4.60	4.00	3.010
June	1.30	4.20	2.90	3.90	1.90	1.50	1.80	1.20	2.30	.90	2.190
July	4.70	5.50	6.10	4.00	6.90	2.90	3.90	3.50	4.50	1.92	4.392
August	1.50	4.10	2.80	6.80	4.50	3.00	3.40	4.10	3.50	5.68	3.938
September....	3.00	2.60	3.80	3.40	3.70	7.90	6.10	3.50	2.00	2.30	3.830
October .....	.70	2.30	5.30	4.90	5.20	4.10	4.10	1.60	2.40	3.30	3.390
November....	7.30	6.50	4.30	8.20	4.20	3.30	5.00	4.10	7.50	2.80	5.320
December	9.30	3.60	5.20	7.00	9.50	3.20	4.60	4.20	4.15	4.00	5.475
TOTALS	44.80	47.10	52.30	54.40	59.60	41.90	48.50	36.60	44.95	39.00	46.915

RAINFALL AT *Strathblane Mugdock Reservoir*

Lat. _____

Lon. _____

County of *Stirling*

Rain Gauge, by _____

Observer *Jm. Gale Esq. C.E.*

Clyde, Rank - 5.

Diameter	8											
Height	0 6											
Altitude	320											
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January	7.40	3.90	3.90	2.95	6.70	2.20	3.70	2.15	4.70	7.00	4.460	
February ....	.95	1.10	2.80	5.45	11.90	.80	2.70	3.95	3.90	2.20	3.575	
March	3.50	4.50	1.15	2.60	3.13	3.90	4.90	5.60	2.90	4.70	3.688	
April	2.20	2.00	1.10	1.30	1.87	2.20	2.80	2.20	3.30	3.70	2.267	
May	3.25	2.20	4.90	3.10	3.30	.75	.55	2.50	1.90	5.25	2.770	
June	5.35	1.33	4.60	2.90	3.30	1.95	4.75	6.90	3.60	1.75	3.643	
July	5.30	2.10	3.40	3.20	3.55	4.45	3.64	2.75	1.65	3.25	3.329	
August	4.05	6.75	7.35	3.50	4.65	7.75	2.21	6.70	5.95	1.10	5.001	
September....	7.65	6.80	6.00	3.30	10	2.30	5.40	4.40	5.90	5.95	4.780	
October	4.65	4.00	5.10	5.40	4.00	3.90	4.00	2.45	4.40	4.65	4.255	
November....	8.20	4.50	4.60	4.40	3.80	6.50	2.35	3.90	5.50	6.90	5.065	
December	1.30	7.70	3.20	5.75	4.25	5.80	6.55	7.10	6.40	4.60	5.265	
TOTALS	53.80	46.88	48.10	43.85	50.55	42.50	43.55	50.60	50.10	51.05	48.098	

18.70 -

RAINFALL AT *Strathblane Mugdock Reservoir*

Lat.

Lon.

County of *Stirling*

Rain Gauge, by

Observer *J.M. Gale Esq. C.E.*
J.R. Tuckwell Esq. C.E.

Clude, R. bank - 5.

Diameter ..	8										
Height	0 6										
Altitude ..	320										
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEAN.
January ..	5.10	3.40	3.60	6.10	3.10	2.95	4.45	3.15	5.95	6.15	4395
February ..	3.10	1.45	1.80	6.00	3.20	2.80	2.85	4.00	3.65	3.15	3200
March	30	1.80	3.10	7.00	1.75	3.45	3.25	5.80	5.40	2.15	3400
April	2.75	2.70	.85	1.20	4.00	2.60	1.90	2.35	1.40	4.75	2450
May	2.70	1.60	2.05	2.00	3.30	2.25	4.35	4.90	3.70	3.70	3055
June	4.40	3.05	1.90	2.70	1.75	.85	1.50	5.15	2.85	2.90	2705
July	4.75	2.30	3.40	3.95	3.30	3.20	2.60	3.45	3.65	4.10	3470
August	4.10	4.65	2.90	6.35	4.35	3.35	4.35	7.55	4.05	3.80	4545
September ..	4.05	3.00	2.70	3.60	3.70	3.00	2.15	2.40	8.70	2.45	3575
October	6.70	3.65	1.95	8.70	1.80	2.45	5.20	5.95	1.95	6.00	4435
November ..	5.30	3.45	2.60	2.75	2.35	3.60	3.40	4.00	3.90	2.95	3430
December ..	6.95	4.25	4.75	2.85	4.15	3.70	4.05	7.10	4.10	4.90	4680
TOTALS ..	50.20	35.30	31.60	53.20	36.75	34.20	40.05	55.80	49.30	47.00	43340

W.S.

RAINFALL at Strathblane, Mungdock Reservoir.County of Stirling Observer J. R. Sutherland Esq. C.E.River Basin Clyde - Right bank tribe 5.

Rain Gauge, by _____

Diameter ...	8											
Height	0 6											
Altitude ...	320											
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS	
January ...	6.70	3.50	3.75	5.10	4.45	2.85	7.00	2.90	4.60	4.75	17.25	
February ...	4.65	7.50	3.50	3.45	4.75	5.05	4.50	1.10	7.50	.50	13.60	
March	2.30	1.80	5.60	5.80	5.20	2.55	1.65	2.50	1.50	3.30	8.95	
April	4.05	3.00	2.10	3.40	2.95	3.55	4.00	1.60	.65	2.20	8.45	
May	2.05	2.00	2.15	4.50	3.15	1.10	4.35	3.00	2.50	.90	10.75	
June	1.70	2.90	5.05	3.10	1.00	2.95	3.20	2.90	1.30	3.70	11.10	
July	4.65	3.30	2.60	1.20	3.25	4.70	2.95	2.25	3.55	1.70	10.45	
August	9.10	3.00	4.05	1.75	6.50	2.40	3.95	4.20	3.25	2.80	14.20	
September ..	1.75	2.05	3.25	2.35	3.05	1.40	1.40	4.30	5.70	4.35	15.75	
October ...	2.70	3.45	6.30	2.25	1.80	3.45	7.45	6.55	5.60	1.10	20.70	
November ..	3.45	5.75	5.60	7.80	5.95	2.55	5.90	10.65	5.60	5.20	27.35	
December ...	5.60	7.10	8.10	5.00	6.05	4.40	5.90	3.20	5.55	7.10	21.75	
TOTALS ...	48.70	45.35	52.05	45.80	48.10	36.95	52.25	45.15	47.30	37.60	182.30	

Ref. McInnes
Douglas & Co
can be supplied

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.

RAINFALL at *Strathblane, Mugdock Reservoir*County of *Stirling*Observer *J. P. Sutherland, Esq., G.C.*River Basin *Glyde-Right Bank Tribe. 5.*(1926) *G. Henshawwood Esq. C.E.*

Rain Gauge, by _____

Diameter ...	8												
Height	0 6												
Altitude ...	320												
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MEAN.		SVMS
January ...	6.85	9.55	4.75	5.65	5.25	6.70	6.80	6.25	12.05	1.80	6.80		42.45
February ...	7.70	2.20	4.45	4.45	1.20	4.05	5.95	3.95	5.70	2.00	.35		42.30
March	5.10	6.50	2.45	1.25	.60	2.15	5.00	4.30	4.40	1.30	2.90		35.95
April	2.10	1.20	1.75	3.85	2.95	5.35	2.55	4.00	1.70	.85	1.55		27.85
May	5.90	2.50	5.25	2.20	5.05	7.70	3.40	3.30	2.15	3.30	2.50		43.25
June	2.55	.70	2.00	1.40	2.90	1.00	2.90	5.55	5.40	3.25	3.20		30.85
July	4.60	4.20	3.15	5.85	4.75	2.30	3.55	4.30	3.70	3.90	4.00		44.30
August	5.25	6.90	3.00	6.20	5.00	4.50	4.40	7.15	5.80	7.55	6.20		61.95
September...	3.50	2.10	3.05	8.25	4.05	4.15	4.70	6.75	4.20	2.00	4.25		47.00
October	1.85	5.10	2.65	7.75	3.55	3.95	6.80	6.15	7.90	6.90	6.40		59.00
November...	5.30	3.30	3.00	4.65	4.80	.90	7.15	5.40	7.25	8.20	6.45		56.40
December...	3.85	9.80	4.45	4.60	7.10	3.60	3.20	1.40	5.40	12.70	4.75		68.5
TOTALS...	54.55	54.05	39.95	56.40	47.20	46.35	56.40	58.50	65.65	53.75	49.35		582.15

1930. Encl. 37A f. 5562/30. Obs. says new 5 in gauge + taper measure supplied.

Position of Station on reduced Ordnance Survey } No. of Map _____

Map, 2 miles to 1 inch Series

Reference No. _____

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

Station No.

5378

RAINFALL at Strathblane (Mugdock Res.)

41

* Stat.

County of

Strathclyde

Observer

J. Cockburn Esq. C.E.

River Basin

S-Clyde-Right Bank.100 ft. B. 250 (1942)

Type of Gauge

M.O.General managerAnnual Average 42.2 in. based on 35 years obs. un-weighted. Period of average. 1887-1915 Ref. B. of N.

File No.

Diameter	8"				6.58	7.65				5"	
Height	0'6"					1				0'7"	
Altitude	320'					41				320'	
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	0.90	7.25	5.65	7.55	3.53	6.69	5.40	7.42	5.95	5.08	55.42
February	4.45	1.95	5.60	3.20	8.88	3.66	(1.00)	5.51	5.99	5.56	45.25
March	3.05	3.60	3.20	8.0	3.56	2.17	(4.26)	4.55	3.15	3.98	32.32
April	1.90	3.40	4.40	3.20	2.52	2.10	6.23	4.43	5.97	3.67	37.82
May	3.85	3.15	3.95	3.95	5.50	1.38	4.47	2.07	2.41	1.60	32.33
June	1.25	2.10	4.70	4.35	4.97	3.57	3.87	6.36	1.29	3.57	36.03
July	3.60	2.85	2.60	3.45	3.94	4.27	3.46	3.92	2.75	7.07	37.91
August	5.85	6.00	7.40	3.25	2.59	3.57	0.00	7.36	5.28	7.25	49.55
September	1.95	6.35	3.50	5.20	6.48	7.36	4.93	7.62	3.10	10.32	56.91
October	5.50	7.60	9.70	5.25	7.12	4.8	2.38	8.83	6.36	4.55	57.77
November	3.60	85	3.25	7.65	8.8	7.36	7.14	4.28	4.79	3.58	43.38
December	3.50	5.55	2.50	6.50	4.12	4.77	2.79	6.53	10.06	2.02	48.34
TOTALS	39.40	50.65	56.45	54.35	53.54	47.38	45.93	68.88	57.10	58.25	531.93

1) Measurements made to 0.5 in. (with rod). See end 212 A 3 A 20/414/40. Mean 6.01 in Jan 1/48
 1947. Feb. est. & was adj. for snow 103 116 102 99 149
 11-249. Gauge broken and found good. Wind 38 ft high 21 ft N. Trees 30 ft high 144 ft S. Tree 90 ft N and
 building 15 ft high 16 ft N and 55 ft S respectively. E. Building 30 ft high 81 ft S.E. Tree 20 ft high 90 ft S.E.
 Tree 20 ft high 120 ft W.

30004

Quartz from sent to Edinburgh 26.2.52. Mr. Watson refers to return station in Strathclyde.

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.
1949.			Mugdock	1 mi.	S.	Mugdock	1 mi.	S.

BRITISH RAINFALL ORGANIZATION

Station No.

5378

RAINFALL at Strathblane (Magdack Reservoir)

51

County of Stirlingshire * Observer S. D. Convin, Esq.River Basin 5 Clyde Right BankType of Gauge M.O.Annual Average 47.4 in. based on 33 years obs. un-weighted. Period of average 1881-1915 Ref. B. & N." " 50.94 " " 33 " " within 1925-59 1916-1950 S.

File No.

Diameter in.	5				658	765					
Height ft. in.	0 7					1					
Altitude ft.	320					51					
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	6.19	5.43	3.27	6.62	3.02	3.74	6.44	4.57	1.73	3.74	
February ...	3.42	2.79	2.35	4.66	2.18	1.85	3.53	2.80	2.45	3.95	
March ...	3.99	3.77	1.55	2.72	1.41	3.25	6.46	1.85	2.63	2.52	
April ...	2.74	2.47	2.61	2.18	2.87	1.26	2.27	1.75	3.26	3.97	
May ...	1.79	2.29	2.50	3.57	3.87	2.81	2.92	3.74	0.88	3.31	
June ...	2.77	3.68	2.87	3.89	3.28	3.13	2.43	3.29	3.21	3.27	
July ...	4.92	3.32	6.53	3.52	1.42	6.04	4.06	4.35	6.31	3.49	
August ...	5.58	4.33	4.55	5.93	0.93	4.32	6.00	4.87	1.12	4.30	
September ...	4.28	2.97	4.91	7.04	5.11	5.61	3.03	5.14	1.72	2.88	
October ...	1.39	5.66	3.03	10.32	3.99	3.87	5.72	3.91	5.44	3.66	
November ...	6.69	2.12	8.18	7.45	2.38	2.38	2.09	2.36	6.23	5.18	
December ...	7.68	5.22	5.50	6.73	8.23	6.19	5.91	5.32	6.72	6.68	
TOTALS ...	51.44	44.05	47.85	64.83	38.69	44.45	50.86	43.95	41.67	46.95	
	D	D	D	D	D	D	D	D	D	D	

1951 Shrub 5', 15' E; Building 10', 66' E.

[See list E 14134/52. Encl. 4A.]

* Reservoir in Dumbartonshire. Station on boundary. Edinburgh believe g. to be in Stirlingshire.

Position of Station on Ordnance One-Inch map :

No. of Map.....

National Grid Reference NS(24)557755

Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge		Parish Church.	Distance Direction from gauge.	
1951			Milngavie	1ml	S	Milngavie	1ml	S

Summary of Earlier Records from 10-year Sheets :

1916-1950, P (Data) - Rejected

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
	✓	✓	✓	✓	
			- but 38-40	✓ but 41-44	