

RAINFALL AT

Little Denny Filters

Lat. _____

Lon. _____

County of _____

Stirling

Rain Gauge, by _____

Observer

W. W. Neilson Esq. C.E.

Fork, R. bank - 1.

C. Macmillan Esq.

Diameter									8		1
Height									20		
Altitude									240		
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January								1.44	3.24	4.70	
February								3.96	3.23	1.90	
March								4.20	1.35	2.95	
April								2.02	2.80	4.20	
May								2.31	1.75	4.80	
June								5.92	1.90	2.20	
July								1.95	1.00	3.88	
August								4.83	4.45	1.00	
September								3.04	5.04	4.10	
October								1.17	5.02	3.26	
November								3.34	4.50	4.15	
December								4.95	5.20	3.00	
TOTALS								39.13	39.48	40.14	

RAINFALL AT

Little Denny Filter

Lat.

Lon.

County of

Stirling

Rain Gauge, by

Observer

C. Massie Esq.

Took R. bank - 1.

Diameter ..	8										
Height	1	0									
Altitude ..	243 π						268 π				
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	4.25 (2.40)	3.15	10.60	4.20	5.70	2.47	4.60	3.29	5.85	5.06	
February ..	1.80	1.00	1.51	9.30	3.15	2.70	2.65	3.65	1.85	2.00	
March45	1.30	3.15	10.00	2.35	3.85	4.65	4.78	4.80	3.01	
April	3.00	2.73	.70	1.80	5.60	2.80	1.75	2.10	1.30	3.70	
May	1.73	1.95	1.80	2.30	3.80	2.85	5.05	4.35	3.30	2.92	
June	3.60	2.41	2.20	3.20	1.70	2.85	1.86	5.22	2.25	1.80	
July	2.80	1.55	4.67	4.65	2.80	3.21	2.30	2.58	3.87	3.80	
August	3.90	4.60	2.28	5.60	4.80	4.35	5.10	6.40	3.30	3.15	
September ..	3.80	2.00	2.40	3.36	3.25	2.10	2.55	1.75	8.00	1.95	
October	4.90	4.30	3.50	9.00	2.05	2.70	6.40	6.75	1.95	5.53	
November ..	4.00	3.45	1.93	2.43	2.22	4.21	4.74	2.35	4.20	2.94	
December ..	5.40	4.60	4.40	3.20	5.70	4.37	3.75	7.00	3.55	6.95	
TOTALS ..	39.63	(32.29)	31.69	65.44	41.62	35.71	45.40	50.22	44.22	42.81	(43.038)

1901. Jan from Res. g. for Glasgow Water VIII. 1913.

1900 Denny Church 3/4 mile N.E.

1901 Gauge out of order.

1901 Sept 7th Gauge moved 225 ft N.W.

Wire fence 4 ft high 35 yards S.W.

1905 corrected 3 observations submitted with an enquiry v. 1.65

RAINFALL at

Little Denny Filters.

County of

Stirling

Observer

C. Massie Esq.

River Basin

Forth - Right bank trib. 1.

Rain Gauge, by

Diameter ...	8											
Height	1 0											
Altitude ...	268 ft											
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	Sumo Means 1916-19	
January ...	4.80	4.20	2.88	3.53	4.20	3.15	6.70	2.72	6.10	4.60	20.12	
February ...	4.50	8.76	3.70	4.29	3.72	4.26	4.80	.76	8.05	1.35	14.86	
March	2.20	2.90	5.25	6.23	4.70	2.11	2.50	2.25	1.46	3.00	9.21	
April	4.75	3.10	1.52	3.11	2.40	3.00	3.27	1.11	.80	5.15	7.33	
May	1.90	1.68	2.01	3.07	2.80	1.67	5.90	3.27	2.56	.80	12.53	
June	1.60	1.60	5.40	3.21	1.12	2.17	2.42	2.70	1.40	5.75	9.27	
July	4.70	2.86	2.67	.90	1.12	4.76	4.85	1.75	3.45	1.10	11.15	
August	7.16	3.70	4.15	1.25	4.35	3.13	3.57	6.42	4.30	5.55	16.84	
September ..	1.15	2.10	2.82	3.20	2.15	2.05	1.65	3.85	6.45	3.70	15.65	
October ...	3.17	4.05	4.40	2.40	1.17	3.45	8.80	6.97	6.30	.90	22.97	
November ..	3.33	7.70	4.85	7.85	7.55	1.50	5.40	10.05	4.67	5.34	25.46	
December ...	3.80	5.40	9.60	4.85	7.10	6.78	5.85	3.70	4.69	6.20	20.44	
TOTALS ...	43.06	48.05	49.25	42.89	42.38	38.03	55.71	45.55	50.23	34.34	185.83	

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

RAINFALL at Little Denny FittiesCounty of StirlingObserver C. Massie Esq. CERiver Basin Forth - Right bank tribe 1.Glaisher Rain Gauge, by

Diameter ...	8			8								
Height	10			10								
Altitude ...	268			268				243				
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930. MEAN.	5048
January ...	7.35	9.05	4.94	5.05	4.25	5.65	6.00	5.50	8.48	1.95	5.55	63.77
February ...	7.95	1.34	3.55	4.75	6.0	4.20	3.38	3.20	7.03	1.70	.79	38.49
March	3.95	7.45	1.45	1.40	1.10	1.91	3.94	3.62	3.48	.69	2.90	31.89
April	2.12	1.28	2.62	3.62	2.00	4.45	2.10	2.10	1.50	1.64	.95	24.38
May	5.12	2.75	4.30	1.85	5.85	6.50	3.50	2.68	2.10	2.52	1.83	39.00
June	1.45	2.0	1.95	1.75	2.46	.75	2.57	4.55	5.87	2.80	2.90	27.25
July	4.40	4.05	3.85	4.05	3.97	1.69	4.65	4.90	3.50	4.00	3.75	42.81
August	6.79	6.82	2.20	6.75	3.00	4.43	3.47	8.57	5.73	6.45	5.84	60.05
September...	3.35	2.31	2.70	6.65	5.45	3.95	5.38	7.62	4.56	1.25	4.82	48.04
October	1.36	5.30	2.20	6.10	3.55	3.30	5.90	6.50	6.50	6.47	6.35	53.53
November...	4.21	2.85	2.60	4.10	4.28	.91	6.30	3.85	6.10	7.00	6.58	48.78
December...	4.17	8.80	4.25	4.05	6.75	3.42	2.10	2.02	3.52	8.90	3.80	51.78
TOTALS...	52.22	52.20	36.61	50.12	43.26	44.16	49.29	55.11	58.37	45.37	46.06	529.77

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			Denny			Denny		

RAINFALL at Little Denny FieldsCounty of StirlingObserver C. Macdonald, C.E.River Basin 1. Forth - Right BankStirling & Falkirk W. Re. (1911)

Type of Gauge.....

Annual Average 42.4 in. based on 36 years obs. un-weighted. Period of average 1881-1915 Ref. Januarycomputed x 11/36

Diameter	8.											
Height	1. 0.											
Altitude	243.											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	54.65 Means	
January	3.30	7.17	4.80	6.05	1.95	5.08	4.45	8.42	5.78	2.18	49.18	
February	4.30	.00	4.10	.52	4.62	2.33	5.40	2.10	7.45	1.16	31.98	
March	1.17	2.45	3.06	3.30	1.70	2.91	1.80	4.12	3.31	4.02	27.84	
April	2.16	3.70	2.01	4.02	3.00	1.49	2.03	.90	2.37	3.24	24.92	
May	4.76	3.45	2.00	2.35	.33	.52	1.95	4.45	1.21	1.56	22.57	
June	6.53	.83	.60	2.40	3.75	1.92	3.00	5.72	2.19	.75	27.69	
July	4.60	3.75	3.50	3.12	1.67	5.00	3.81	4.90	5.70	4.45	40.50	
August	2.97	1.42	3.16	3.65	2.45	3.05	4.92	2.75	1.20	1.96	27.53	
September	1.70	5.56	.95	5.60	6.45	4.18	3.24	5.21	1.88	3.52	38.29	
October	4.23	5.75	2.93	6.55	11.10	6.10	4.20	10.30	2.43	4.55	58.14	
November	7.10	4.12	2.15	2.15	5.05	4.36	.85	9.65	8.98	4.93	49.34	
December	4.10	8.73	.73	4.60	2.05	5.80	2.65	3.39	2.35	4.67	59.07	
TOTALS	46.91	46.93	29.99	44.31	44.12	42.74	38.30	61.91	44.85	36.99	437.05	
	M	M	M	M	M	M	M	M	M	M		

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

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

Station No. 5349

RAINFALL at Little Denny Filters

41

County of Stirling

Observer Stirling + Falkirk W. Bd.

River Basin 1-Forth Right Bank

Type of Gauge

Annual Average 42.4 in. based on 36 years obs. un-weighted. Period of average 1881-1915 Ref. S

File No.

Diameter	8"				896	368						
Height	1'0"					1						
Altitude	243'					41						
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Surf Means	
January	1.21	5.50	5.94	6.91	2.52	6.42	3.84	7.14	6.44	4.05	50.00	
February	3.97	1.55	5.87	2.57	7.62	4.07	(2.00)	5.60	5.70	4.74	43.69	
March	3.05	2.12	3.75	.54	3.77	3.90	3.24	4.98	1.83	3.76	31.14	
April	1.70	2.59	3.20	3.14	2.06	1.26	5.70	3.41	4.83	3.36	31.25	
May	3.52	2.40	3.80	3.88	5.82	3.04	3.42	2.06	2.40	1.78	31.12	
June	0.89	2.02	3.95	3.93	4.84	2.81	4.85	5.40	.73	2.46	31.88	
July	3.42	2.59	2.94	2.26	3.42	(4.35)	3.80	3.97	2.57	5.75	35.07	
August	4.90	3.62	6.72	3.95	2.75	(3.79)	.02	9.56	4.65	5.58	45.54	
September	1.20	5.62	3.15	4.90	6.70	5.69	5.39	6.83	1.55	8.74	49.77	
October	4.93	6.70	8.72	3.98	5.51	.60	2.20	6.63	6.05	3.72	49.04	
November	3.17	.97	2.24	9.27	.78	6.60	6.46	3.96	3.70	4.14	41.39	
December	3.17	4.51	2.42	5.55	3.53	4.91	3.05	5.05	9.26	2.12	43.57	
TOTALS	35.13	40.19	52.73	50.98	49.32	46.44	43.97	64.59	49.71	50.40	483.46	
	N	M	H	H	M	M	M	M	M	M		

1946. July & Aug. appointed by H.O.B.

00600 20004

1947 Feb est for snow

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.

BRITISH RAINFALL ORGANIZATION

Station No. 5349

RAINFALL at Little Jenny Fitters

51

County of Shirling Observer Shirling & Falkirk W. Rd.

River Basin Forth - Right Bank - 1

Type of Gauge N + 2

Annual Average 42.4 in. based on 36 years obs. un-weighted. Period of average 1881-1915 Ref. S

46.75 " " 35 " 1916-1950

1916-1950

File No. P

Diameter ...	8"				896	368					
Height ...	1'0"					1					
Altitude ...	243'					51					
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	5.15	3.90	2.26	5.30	2.55	3.24	6.77	3.50	1.34	4.25	
February ...	2.74	1.37	2.19	4.01	3.05	1.66	3.53	1.66	1.87	3.25	
March ...	4.25	3.52	1.60	2.86	1.42	2.82	4.68	1.64	2.50	1.95	
April ...	2.68	1.81	2.22	1.88	2.16	1.36	2.38	1.32	3.94	3.61	
May ...	1.46	1.27	2.34	3.60	4.21	2.70	2.54	3.67	1.32	3.15	
June ...	2.38	4.35	1.77	4.05	2.12	3.58	1.96	3.83	2.58	2.39	
July ...	5.96	2.53	6.32	2.25	1.06	4.80	4.30	5.84	6.90	3.43	
August ...	6.17	5.22	2.70	5.08	1.38	5.35	4.34	5.41	1.53	4.07	
September ...	3.48	2.67	5.80	5.84	4.76	5.58	2.63	3.74	1.25	2.24	
October ...	1.38	3.36	2.55	10.76	4.11	4.20	4.98	3.53	4.30	3.50	
November ...	6.41	2.42	8.25	6.35	1.73	1.27	1.91	2.07	5.71	5.22	
December ...	6.68	4.24	5.15	7.34	7.83	5.52	5.62	5.19	6.20	5.32	
TOTALS ...	48.74	36.66	43.15	59.32	36.38	42.08	45.64	44.40	39.47	42.38	
	M	M			M	M	M	M	M	M	

1881-1950. O/E E95. A more sheltered site chosen in corner of field about 30° NE. 9. fairly good

Position of Station on Ordnance One-Inch map : No. of Map..... National Grid Reference NS24 999 17

805820

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

Summary of Earlier Records from 10-year Sheets :

1916-1950, P (2nd) accepted

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