

RAINFALL AT *Little Denny*

Lat. _____

Lon. _____

County of _____

Stirling

Rain Gauge, by _____

Observer _____

*Col Stirling**Fork, Rebank - 1.**W. W. Neilson Esq. Cl.
C. Mack Esq.*

Diameter									8		
Height							4 6		2 0		
Altitude							315				
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January				2.80	5.40		2.70	1.47	2.90	4.50	
February				5.10	14.40	} 3.50	3.70	3.53	2.50	2.00	
March				1.60	3.10		5.40	4.28	1.15	2.90	
April				1.20	2.00	2.00	1.60	1.62	2.50	4.10	
May				2.70	3.00	.80	.70	1.58	1.80	4.39	
June				2.40	3.00	.80	5.70	5.80	1.76	2.20	
July				3.00	3.10	5.50	4.50	1.55	.97	3.65	
August				3.50	4.50	8.10	2.30	4.50	4.11	.92	
September....				2.10	.50	2.20	4.70	2.67	4.70	3.63	
October				4.40	5.30	3.50	3.50	1.71	4.70	2.80	
November....				2.10	3.00	4.30	1.50	3.52	4.15	3.90	
December				5.70	3.00	5.70	6.00	4.50	5.03	2.56	
TOTALS . . .				36.60	50.30	36.40	42.30	36.68	36.27	37.55	39.00 *

Jan. and Feb. gauge frozen
 1895, The amount for the first three months is rather small
 probably the gauge failed to retain all the snow
 1898 Denny Church 1½ mile E

* Computed from Falkirk, Kense and
 Polmaise Gardens.

RAINFALL AT *Little Denny Reservoir*

5388 ✓

Lat. Lon. County of *Stirling*

Rain Gauge, by Observer *C. Macle Esg.*

Form, Rank - 1.

Diameter ..	8										
Height	10										
Altitude ...	325 K										
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	4.25	2.40	5.92	10.80	4.75	2.73 5.00	5.40	3.45	6.70	5.45	5.272
February ..	1.80	1.10	1.50	10.20	3.50	2.70 4.10	2.93	3.75	2.85	2.34	3.270
March60	1.90	3.50	10.70	2.50	4.10 3.60	4.81	4.91	4.14	3.20	3.896
April	2.50	3.00	.85	2.50	5.00	3.60 4.10	1.78	2.10	1.05	3.85	2.709
May	1.90	1.95	2.00	2.60	3.80	3.91 4.40	5.26	4.57	3.50	3.90	3.308
June	3.80	2.95	2.31	3.20	1.75	2.91 3.46	1.98	5.55	2.35	1.95	2.875
July	2.45	1.65	4.00	5.60	2.75	4.7 4.60	2.40	2.84	4.00	4.00	3.016
August	3.63	5.00	2.37	6.25	5.15	3.46 4.60	5.30	6.25	3.25	3.85	4.451
September ..	4.50	2.40	2.70	3.75	3.20	2.10	2.62	1.86	8.25	2.10	3.348
October	5.25	4.70	3.95	9.50	2.05	2.60	6.59	6.80	1.95	4.94	4.833
November ..	4.42	3.65	2.16	2.72	2.32	4.30	4.98	2.45	3.30	3.60	3.390
December ..	6.20	4.90	4.80	3.80	5.60	4.50	3.86	7.43	3.75	6.52	5.136
TOTALS ..	41.30	35.60	34.06	71.62	42.37	38.13 39.13	47.91	51.96	45.39	45.70	45.504

1900 July 26th Gauge moved 250 yards N.W.

1902 Jan 25th " " 1000 ft S for New works on old site

1905 corrected } observer's read, submitted with accompanying v. 45

Mac

RAINFALL at

Little Denmy Reservoir

County of StirlingObserver C. Massie Esq.River Basin Forth-Right bank trib. 1.

Rain Gauge, by

Diameter ...	8										
Height	1 0										
Altitude ...	326										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	5-YR MEAN 1916-19
January ...	4.90	4.40	2.65	2.10	3.85	3.00	6.80	2.75	5.76	4.40	19.71
February ...	4.27	9.50	3.65	3.75	3.11	3.75	4.75	.92	7.50	1.22	14.39
March	2.30	2.98	4.39	4.88	4.35	2.23	2.45	2.20	1.45	2.67	8.77
April	4.58	3.26	1.53	2.67	2.17	2.92	3.34	1.29	.70	2.22	7.55
May	1.90	1.57	2.07	2.80	2.65	1.59	5.67	3.25	2.53	.93	12.38
June	1.90	1.65	6.45	3.50	1.20	2.27	2.35	2.82	1.30	2.70	9.17
July	4.65	3.00	2.65	.90	1.20	4.55	5.00	1.35	3.75	1.20	11.30
August	7.30	3.45	4.10	1.25	4.23	3.28	3.68	6.36	4.45	2.67	17.16
September ..	1.16	2.50	2.76	2.56	2.11	2.06	1.50	3.77	6.50	3.95	15.72
October ...	3.12	3.79	4.55	2.20	1.70	3.45	7.90	6.50	6.12	.97	21.49
November ..	3.25	6.77	4.75	7.42	7.30	1.58	5.15	10.26	4.50	5.70	25.61
December ...	3.80	5.15	9.25	4.83	6.75	6.74	5.95	3.65	4.73	6.10	20.43
TOTALS ...	43.13	48.02	48.80	37.86	40.62	37.42	54.54	45.12	49.29	34.73	183.68

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

RAINFALL at Little Denny ReservoirCounty of StirlingObserver C. Massie Esq. CERiver Basin Forth-Right bank tribe. 1.Eng^t Stirlingshire & Falkirk Water Bd.Glaisher Rain Gauge, by

Diameter ...	8			8								
Height	1 0			1 0								
Altitude ...	326			326								
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MEANS.	5075
January ...	7.30	9.30	5.80	5.18	4.40	6.20	6.30	5.35	8.30	2.00	4.75	64.88
February ...	7.95	1.56	3.65	4.80	70	4.65	5.60	3.14	6.70	1.70	.81	41.26
March	3.90	7.75	2.20	1.40	1.16	1.90	5.21	3.55	3.40	.71	2.63	38.81
April	2.15	1.35	2.52	3.62	2.20	5.15	2.10	2.00	1.50	1.63	1.00	25.22
May	5.10	2.80	4.75	2.12	5.55	6.62	3.53	2.52	2.15	2.64	1.50	39.28
June	1.55	.41	2.25	1.95	2.60	.87	2.55	4.45	5.97	2.75	3.00	28.35
July	4.45	3.95	3.95	4.37	4.00	1.74	4.62	4.65	3.42	4.05	4.00	43.20
August	6.77	6.87	2.45	7.10	3.22	4.72	3.72	8.42	5.82	6.35	5.74	61.15
September...	3.25	2.55	2.77	6.85	5.50	4.50	5.10	7.30	4.57	1.32	4.70	48.41
October.....	1.34	5.65	2.20	6.40	3.75	3.45	5.80	6.32	6.57	5.60	6.00	53.38
November...	4.39	3.03	2.65	4.45	4.16	.96	6.45	3.55	6.06	6.83	6.20	48.73
December...	4.15	9.80	4.50	3.90	7.45	3.53	2.20	1.90	3.48	8.30	4.50	54.21
TOTALS...	52.30	55.02	39.69	52.44	45.19	44.29	53.18	53.15	57.94	43.88	44.83	541.91

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 from gauge	Parish Church.	Distance from gauge	Direction from gauge
1926			Denny			Denny		

RAINFALL at Little Denny ReservoirCounty of StirlingObserver C. Macgill, C.E.River Basin 1- Forth - Right BankStirling & Falkirk W. Bd. (1931)

Type of Gauge.....

Annual Average 42.8 in. based on 40 years obs. un-weighted. Period of average 1881-1915 Ref. Januarycomputed x 11/36.

Diameter	8.											
Height	1. 0.											
Altitude	326.											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	5 YRS Means	
January	3.25	7.30	3.95	6.32	2.00	5.04	4.15	8.34	5.80	2.00	49.15	
February	4.00	.02	3.70	.42	4.82	2.48	5.23	2.15	6.62	1.20	30.64	
March	1.31	2.40	3.02	3.38	1.68	3.03	1.81	3.30	3.43	4.00	27.36	
April	2.20	3.60	2.00	4.17	2.90	1.48	2.00	.80	2.28	3.34	24.77	
May	4.24	8.58	2.02	2.15	.32	.58	1.95	4.40	1.12	1.45	21.81	
June	6.42	.93	.80	2.70	3.80	2.05	2.90	5.70	2.21	.55	28.06	
July	4.75	3.82	3.85	3.10	1.65	4.95	3.50	4.90	5.90	4.50	46.72	
August	2.55	1.16	3.07	3.80	2.44	3.02	5.04	2.82	1.22	1.98	27.10	
September	1.80	5.22	1.07	4.60	6.30	4.20	2.22	5.17	1.95	3.73	37.26	
October	4.03	5.85	3.07	6.65	10.70	8.60	4.54	9.65	2.69	4.60	57.38	
November	6.30	4.30	2.15	2.30	5.10	4.37	.91	9.08	8.53	4.98	48.02	
December	3.51	7.63	.88	4.50	2.08	4.90	2.55	2.92	2.43	4.52	35.92	
TOTALS	44.36	45.81	29.58	44.09	43.79	41.70	37.60	59.23	44.18	36.85	427.19	
	M	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. 5348

RAINFALL at Little Denny Reservoir

41

County of Stirling

Observer Stirling & Falkirk W. Rd.

River Basin 1. Forth. Right Bank

Type of Gauge

Annual Average 42.5 in. based on 40 years obs. ~~un~~-weighted. Period of average 1881-1915 Ref. S

File No.

Diameter	8"					896	366				
Height	1' 0"						1				
Altitude	326'		325'				41				
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	127	550	578	665	275	610	378	678	650	475	49.86
February	400	136	570	212	773	387	(2.00)	553	566	508	43.05
March	307	221	361	53	347	335	335	475	196	402	30.32
April	172	253	332	307	205	144	573	336	470	359	31.53
May	361	242	388	395	565	205	332	177	236	173	30.74
June	087	205	421	376	456	296	504	526	80	248	31.99
July	357	270	276	275	368	398	375	363	262	547	34.91
August	502	359	644	417	275	338	0.00	922	490	537	44.87
September	115	559	290	495	675	597	531	687	158	890	49.97
October	495	652	818	408	561	56	218	645	635	408	48.96
November	313	92	217	920	86	603	630	404	375	405	40.45
December	313	445	232	576	342	485	285	503	955	222	63.58
TOTALS	3549	3984	5130	5099	4928	4456	4361	6269	5073	5174	480.23
	M	M	M	M	M	M	M	M	M	M	

1947. Feb. est. for snow

20004

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

RAINFALL at Little Jenny Reservoir Station No. 5348

51

County of Shirling Observer Shirling & Falkirk W. Bld.River Basin South Right Bank - 1Type of Gauge N+2Annual Average 42.8 in. based on 40 years obs. un-weighted. Period of average 1881-1915 Ref. S44.66 - 35 - 1916-1950File No. 1916-1950

Diameter ...	8"				896	366					
Height ...	1'0"					1					
Altitude ...	325'					5'					
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	5.28	3.78	2.33	5.90	2.69	3.25	6.63	3.65	1.31	4.57	
February ...	2.71	1.31	2.62	4.17	2.90	1.63	3.58	1.85	1.90	3.29	
March ...	4.18	3.59	1.74	3.12	1.61	2.86	4.87	1.78	2.56	2.01	
April ...	2.70	1.42	2.06	2.00	2.09	1.29	2.52	1.30	4.00	3.56	
May ...	1.29	1.23	2.27	3.44	4.04	2.84	2.63	3.72	1.31	3.21	
June ...	2.44	4.26	1.62	4.33	2.18	3.50	2.10	3.97	2.64	2.45	
July ...	6.00	2.47	6.37	2.56	1.39	5.02	4.28	5.87	6.78	3.38	
August ...	6.25	5.41	2.67	5.23	1.29	5.27	4.47	5.77	1.45	4.12	
September ...	3.53	2.47	5.65	5.73	4.63	5.76	2.48	3.00	1.22	2.19	
October ...	1.31	3.24	2.68	11.05	4.29	4.05	4.88	3.49	4.20	3.50	
November ...	6.57	2.33	9.26	6.42	1.85	1.23	1.98	2.13	5.91	5.20	
December ...	7.22	4.35	5.45	7.28	7.78	5.50	5.81	5.28	6.15	5.27	
TOTALS ...	49.48	35.86	44.72	61.17	36.74	42.20	46.23	41.81	39.46	42.75	
	M	M				M	M	M	M	M	

Ins. June 1959. Oe to W & S. A better site available in either of the two old fence beds NW of present position. G. fairly good.

Position of Station on Ordnance One-Inch map : No. of Map..... National Grid Reference 26/799816

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 (Shack) accepted

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
	✓	✓	✓	✓	
	✓	-	M 1916-37-38-	M	