

RAINFALL at Buckingham FiltersCounty of StirlingshireObserver B. Macrae Esq.River Basin 1- Forth - Right Bank

Type of Gauge.....

Annual Average.....in. based on.....years obs. un-weighted. Period of average.....Ref.....

Diameter											
Height											
Altitude											
Year	1901 1900	1902 1901	1903 1902	1904 1903	1905 1904	1906 1905	1907 1906	1908 1907	1909 1908	1910 1909	Means
January							1.49	3.78	8.31	7.67	
February							4.02	4.71	2.79	3.25	
March							5.63	5.51	3.05	3.98	
April							1.51	2.74	4.36	4.37	
May							5.88	5.07	4.32	2.46	
June							2.33	8.01	4.16	4.61	
July							3.03	5.47	5.13	3.80	
August							6.30	7.28	1.98	3.56	
September							2.55	2.85	12.12	3.23	
October							5.22	8.77	2.26	9.20	
November							4.12	3.43	3.76	.53	
December							4.69	9.49	8.35	10.01	
TOTALS							46.77	67.11	60.59	56.69	

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.

DENNY

RAINFALL at Duckieburn Tiers

County of StirlingshireObserver G. Harris Esq. G.E.River Basin 1- Forth - Right Bank

Type of Gauge.....

Annual Average.....in. based on.....years obs. un-weighted. Period of average.....Ref.....

Diameter												
Height												
Altitude												
Year	1901 1910	1902 1911	1903 1912	1904 1913	1905 1914	1906 1915	1907 1916	1908 1917	1909 1918	1910 1919	5 Yrs Means 16-19	
January	6.60	3.15	4.67	5.75	4.13	3.16	9.15	1.86	6.33	4.84	22.18	
February	4.84	6.72	4.75	4.69	5.24	6.88	4.51	.93	7.70	1.69	14.83	
March	3.55	5.71	5.51	6.44	6.10	2.50	2.20	1.98	2.03	3.69	9.90	
April	5.52	3.55	2.85	4.47	3.57	2.59	3.62	1.57	1.38	2.14	8.71	
May	2.35	2.80	2.25	3.52	2.43	1.52	4.23	3.46	2.24	1.21	11.14	
June	1.80	3.35	5.56	4.47	.62	2.00	4.81	3.22	1.21	3.26	12.50	
July	3.32	1.82	4.34	1.26	2.79	5.01	4.22	1.88	4.18	1.35	11.63	
August	12.46	4.01	3.49	1.35	5.18	3.75	3.91	6.72	3.17	2.96	16.76	
September	1.01	2.67	3.37	3.24	2.97	2.21	1.34	3.64	3.03	4.04	17.05	
October	2.35	2.53	6.92	3.51	1.91	5.01	8.78	8.47	6.65	.85	24.75	
November	5.14	11.19	5.48	8.55	8.16	3.51	7.53	6.53	5.09	5.43	24.58	
December	3.77	5.07	10.34	4.84	10.13	7.02	6.36	3.13	5.28	7.74	22.51	
TOTALS	52.71	52.57	59.53	52.09	53.23	46.16	60.66	43.39	53.29	39.20	116.54	

Back years 1906-1920 copied from tabulant by Stirling & Falkirk W. Bd. 1.6.45

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.

RAINFALL at Denny Buckieburn filtersCounty of StirlingObserver Charles Macle Esg. CERiver Basin Forth - R. bank 1Glaisher Rain Gauge, by

Diameter ...				8									
Height				1.5									
Altitude ...				760									
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MEANS.		58113
January ...	6.94	10.15	5.54	4.74	6.39	7.41	6.95	5.54	10.07	1.29	3.70		68.72
February ...	8.38	1.07	4.51	5.92	6.8	5.18	6.00	1.37	6.54	1.59	.36		41.60
March	5.28	9.68	2.81	2.69	1.14	1.03	2.10	2.19	4.28	.68	2.95		34.83
April	1.99	1.54	2.70	4.04	2.48	7.03	2.92	1.21	2.10	1.11	1.32		28.44
May	5.04	3.81	4.40	2.42	6.37	7.58	3.75	1.56	1.81	2.10	1.98		40.82
June	1.74	.39	1.69	1.99	2.67	.95	2.68	3.34	5.97	2.62	2.92		26.96
July	4.34	4.15	4.79	4.39	4.47	1.65	4.13	2.51	2.60	4.20	3.44		40.77
August	6.35	6.89	2.73	7.54	4.82	5.35	3.65	7.05	6.24	4.53	4.88		60.03
September...	2.82	3.05	2.58	7.50	6.49	4.07	3.45	5.27	3.77	1.08	4.20		44.28
October	1.53	5.81	2.42	6.61	4.16	3.55	5.98	7.84	6.57	4.26	3.94		52.67
November...	4.93	4.44	5.37	3.56	4.11	.49	7.19	5.55	5.78	5.05	5.25		51.72
December...	4.76	8.06	4.98	3.48	7.44	5.01	1.51	1.23	4.19	5.92	4.32		50.90
TOTALS...	54.10	59.04	44.52	54.88	51.22	49.30	50.31	44.66	59.92	34.53	39.26		541.74

1929. Jan. May + Aug. low. Obs. confirms original values.
 1906-20 copied from tables lent to M.O. by Stirling & Falkirk W.Bd. 1.6.45.

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
1928			Denny			St. Ninians		

RAINFALL at Denny (Buckellarn Fiers)County of StirlingObserver G. Masile, C.E.River Basin 1. Forth - Right BankStirling & Falkirk W. Bd (1932)

Type of Gauge

53-8Annual Average 42.1 in. based on 11 years obs. un-weighted. Period of average 1881-1915 Ref. Summarycomputed x 1/36

Diameter	8										
Height	1.0										
Altitude	760										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	5078 Means
January	2.35	6.00	4.22	6.34	1.57	5.46	3.85	10.00	5.95	(2.33)	48.0
February	3.85	.06	3.63	.35	3.43	2.79	5.82	3.25	7.82	2.61	33.61
March	1.60	1.95	3.23	2.62	1.42	3.37	2.33	6.00	4.52	14.46	31.50
April	2.05	4.84	1.87	2.46	2.62	1.39	2.67	1.00	2.85	5.21	26.96
May	4.03	3.69	1.97	1.44	.27	.76	1.76	5.53	1.48	1.51	22.44
June	4.44	.89	1.05	3.65	4.82	1.89	2.73	7.05	3.37	1.08	30.97
July	6.08	2.29	3.40	2.80	1.21	3.80	2.32	5.56	6.65	5.11	39.22
August	2.37	1.69	1.57	3.07	2.71	3.20	2.48	3.46	2.06	2.25	24.86
September	1.08	3.88	1.10	4.65	7.24	4.02	3.18	6.24	2.01	3.44	36.84
October	3.28	5.02	2.83	5.95	10.66	4.78	2.89	10.24	3.28	6.52	55.45
November	7.24	2.72	1.70	.89	4.71	3.33	.52	10.49	10.69	7.49	49.78
December	2.51	8.43	.67	3.85	3.05	4.38	2.45	5.21	4.11	5.91	40.57
TOTALS	40.85	41.46	27.24	38.07	43.71	39.17	34.00	(74.03)	53.79	47.92	440.27

Inspected 26/4/38. Gauge showed two leaks in funnel. Moved 6" N.W. recommended.

1938. Leaks repaired, gauge moved 50" N.W. S.S. 25.

1940 Jan std from nearby obs.

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

Station No. 5352

RAINFALL at Denny (Buckieburn Filters)

41

County of Stirling

Observer Stirling & Falkirk W. Bd.

River Basin 1-Forth-Right Bank

Type of Gauge

Annual Average $\frac{53.8}{42.1}$ in. based on $\frac{16}{42}$ years obs. un-weighted. Period of average 1881-1915 Ref. 2 B. 599

File No.

Diameter	8"				896	185						
Height	1'0"					1						
Altitude	760'					41						
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	50 yrs Means	
January	1.19	5.99	7.27	7.07	2.49	7.45	5.65	7.70	8.59	4.56	5786	
February	4.64	2.97	6.79	2.78	10.02	4.60	(2.00)	7.29	5.91	6.72	5372	
March	2.72	3.54	4.06	.84	3.32	3.72	5.71	5.86	2.30	4.30	3637	
April	2.66	5.11	4.30	4.50	4.33	1.70	9.94	4.43	5.98	4.20	4717	
May	4.19	3.86	4.12	4.01	6.77	1.79	5.20	2.43	2.93	3.42	3872	
June	1.26	2.16	5.82	4.61	5.97	5.59	5.53	6.52	1.72	2.79	4197	
July	4.05	2.61	3.16	4.25	4.22	5.58	4.44	4.98	2.87	8.07	4423	
August	5.20	7.00	8.10	4.48	1.90	5.76	.10	11.52	5.69	4.04	5682	
September	2.17	7.70	4.27	6.36	7.06	7.86	7.00	8.38	3.38	9.60	6378	
October	6.31	6.23	12.05	5.41	7.96	0.90	2.96	6.45	7.18	6.31	6176	
November	4.10	1.11	4.14	8.20	1.08	7.59	9.49	6.42	4.69	3.85	5067	
December	4.38	7.51	2.58	7.34	5.23	6.63	1.99	7.15	11.70	3.08	5759	
TOTALS	42.89	55.79	66.66	59.85	60.35	59.17	59.91	79.13	62.94	63.97	610.66	

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 ⁹ *Denny (Buckieburn Tiltie)* Station No. *5352* 51
 County of *Stirling* Observer *Stirling & Falkirk W. 13d.*
 River Basin *Forth Right Bank - 1*
 Type of Gauge *Snowdon*
 Annual Average *4.25* in. based on *16* years obs. un-weighted. Period of average *1881-1915* Ref. *S/PB.59*
60.88 *19* *with 1939-59* *1916-1950* *S.*
 File No.

Diameter ...	8"				896	186					
Height ...	1'0"					1					
Altitude ...	760'					51					
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	6.07	4.80	2.69	6.32	3.33	4.68	10.34	6.48	3.21	6.03	
February ...	4.03	1.13	2.54	7.15	3.80	1.84	4.43	2.84	2.95	4.78	
March ...	3.42	6.05	1.72	4.60	4.60	3.58	6.98	2.70	3.64	2.62	
April ...	5.23	2.65	2.78	2.39	3.18	1.28	3.99	2.21	5.34	5.52	
May ...	2.53	2.13	3.27	5.72	5.36	3.87	3.82	4.96	1.68	4.14	
June ...	3.89	5.33	2.96	4.53	2.73	4.50	2.31	4.77	3.28	3.32	
July ...	5.88	2.37	8.56	3.13	1.70	6.75	5.81	7.03	7.42	5.62	
August ...	8.83	5.87	2.68	6.04	1.76	7.80	5.15	6.14	1.68	4.11	
September ...	5.29	3.62	6.26	8.35	4.98	7.63	4.16	4.65	1.30	3.80	
October ...	1.55	4.44	3.66	12.12	4.24	6.04	6.28	5.65	5.79	5.41	
November ...	7.95	2.65	9.62	8.69	2.63	1.28	2.77	2.41	7.85	7.20	
December ...	10.20	5.39	6.79	9.72	9.67	7.49	9.30	6.50	10.73	7.03	
TOTALS ...	64.87	46.43	53.53	78.76	47.98	56.74	66.34	56.34	54.89	59.58	
	M	M			M	M	M	M	M	M	

1/15 June 1952. An excellent site even without T.W.

Position of Station on Ordnance One-Inch map : No. of Map National Grid Reference *26/751.851*

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 (Sund) - Rejected

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