

DENNY  
RAINFALL at (Buckton Reservoir)

County of Stirlingshire

Observer

C. Trassie Esq.

River Basin 1- Firth Right Bank

Type of Gauge

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

Diameter	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
Height											
Altitude											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	
January											8.01
February											3.79
March											4.15
April											4.48
May											2.60
June											4.70
July											3.99
August											3.72
September											10.01 3.39
October											2.15 9.55
November											3.97 .60
December											9.22 10.31
TOTALS											59.29

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

DENNY  
RAINFALL at (Buckeburn Reservoir)

County of Stirlingshire Observer C. Massie Esq.

River Basin 1- Forth - Right Bank

### Type of Gauge.

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

Diameter	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	1920	SUMS Means 16-19
Height												
Altitude												
Year	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	1920	
January	4.20	3.67	4.85	6.34	4.58	3.54	10.17	2.06	6.60	5.24	24.07	
February	5.00	4.11	4.89	5.59	5.81	4.52	4.90	.93	8.44	1.42	15.99	
March	4.24	6.11	5.64	7.64	6.59	2.66	2.25	2.04	2.22	3.92	10.43	
April	5.51	4.08	2.96	4.71	3.77	3.83	3.74	1.47	1.53	2.36	9.10	
May	2.59	3.23	2.30	3.76	2.71	1.67	4.50	3.74	2.40	1.33	11.77	
June	1.97	3.84	5.57	4.92	.66	2.05	5.34	3.64	1.38	3.59	13.95	
July	3.53	1.95	4.49	1.42	2.97	5.50	4.44	2.01	4.77	1.49	12.71	
August	14.05	4.34	3.55	1.47	5.33	3.51	3.93	7.12	3.59	3.19	17.83	
September	1.18	2.82	3.43	3.50	2.14	2.41	1.51	4.10	3.48	4.50	18.89	
October	2.50	2.57	7.25	3.77	1.97	5.42	9.49	9.17	7.38	.96	27.00	
November	5.35	12.36	5.43	9.22	8.96	3.76	8.02	7.16	5.70	5.78	26.66	
December	4.40	5.49	11.46	5.20	10.94	4.21	6.71	3.26	5.68	8.26	23.91	
TOTALS	57.55	57.57	62.12	57.60	57.43	49.08	65.00	46.70	58.47	42.34	212.51	

Black Years 1908-1920 copied from tables laid to M.O. by Stirling & Falkirk W.Bd. 1-6-45

*Position of Station on reduced Ordnance Survey Map,* | No. of Map.....  
1 mile to 1 inch Series

Reference No. \_\_\_\_\_

## RAINFALL at Denny, Buckiehorn Reservoir

County of Stirlings  
Observer C. Macrae Esq. CE

River Basin Loch Lomond &amp;

Glaisher Rain Gauge, by

Diameter ...	..	..	8											
Height .....	..	..	1											
Altitude ...	..	..	825											
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	VIS.	M	SVM	>
January ...	7.25	10.70	5.74	4.99	6.62	7.56	7.52	5.71	10.68	1.31	3.92		72.03	
February ...	8.84	1.17	4.70	5.96	70	5.36	6.36	1.44	6.97	1.72	.36		43.58	
March .....	5.61	10.29	3.12	2.91	1.15	1.03	2.17	2.35	4.54	.73	3.03.		36.93	
April.....	2.09	1.66	2.93	4.23	2.56	7.35	3.15	1.30	2.21	1.18	1.61		29.97	
May .....	5.47	4.11	4.80	2.64	6.80	8.00	4.07	1.65	1.96	2.43	2.06		43.99	
June .....	1.90	4.3	1.88	2.14	2.81	1.02	2.84	3.63	6.26	2.78	3.08		28.77	
July .....	4.80	4.47	5.24	4.80	4.91	1.77	4.35	2.74	2.75	4.46	3.61		43.80	
August .....	6.73	7.40	3.12	8.04	5.25	5.64	3.83	7.46	6.43	4.78	5.14		63.82	
September...	3.16	3.30	2.78	8.03	6.87	4.33	3.70	5.58	3.96	1.17	4.41		47.29	
October.....	1.63	6.15	2.61	7.09	4.40	3.77	6.25	8.29	6.97	4.47	4.21		55.94	
November...	5.47	4.69	5.67	3.74	4.32	.52	7.47	5.88	6.14	5.30	5.50		54.70	
December...	5.31	8.61	5.24	3.58	7.79	5.31	1.50	1.31	4.36	6.32	4.53		53.86	
TOTALS...	58.26	63.01	47.73	58.10	54.08	51.66	53.21	47.34	63.23	36.65	41.26		574.58	

1929. Jan. May &amp; Aug. low. Obs: confirms original values.

Back Years 1908-20 copied from tables kept at M.O.L. Stirling &amp; Falkirk 1881-1940.

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
1928			Denny			St. Ninians	

## RAINFALL at Denny (Buckieburn Reservoir)

County of Stirling

Observer C. Magie, C.E.

River Basin Forth - Right Branch

Scale: 1 inch = 1 mile (approx.)

Type of Gauge

543

Annual Average 1881-1915 in. based on 35 years obs. year-weighted. Period of average 1881-1915 Ref. Survey  
Completed XII/26

Diameter	8											SUM Months
Height	1.0											
Altitude	825											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940		
January	2.49	7.20	4.83	7.21	1.74	6.32	5.85	9.52	6.71	2.36	54.23	
February	4.13	.06	4.05	.38	3.92	3.55	7.57	4.60	8.66	2.91	39.73	
March	1.86	2.24	3.66	2.87	1.59	4.56	2.98	5.83	5.20	4.84	35.63	
April	2.16	5.57	2.10	2.68	2.94	1.99	3.22	.79	3.20	5.19	29.84	
May	4.30	4.22	2.29	1.59	.32	1.17	2.23	5.93	1.52	1.51	25.08	
June	6.89	1.06	1.18	3.82	6.28	2.49	3.74	7.66	3.58	1.04	37.64	
July	6.92	2.76	3.77	3.10	2.00	4.81	4.26	5.66	6.85	4.83	43.96	
August	2.62	2.07	1.87	3.40	3.39	3.78	3.79	3.75	2.45	2.40	29.52	
September	1.28	4.51	1.27	5.31	9.11	5.57	5.02	6.99	2.02	3.57	44.65	
October	3.85	5.83	3.26	6.76	13.77	6.86	5.13	10.47	3.50	6.53	65.96	
November	8.53	3.22	2.00	.97	5.64	4.46	.84	10.87	10.77	7.48	54.80	
December	2.77	9.23	7.64	4.42	3.98	8.40	3.99	5.58	4.22	6.23	49.58	
TOTALS	47.80	47.97	31.04	42.51	54.68	53.98	48.62	77.45	57.68	48.89	510.62	

Inspected 26/4/38 site satisfactory.

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	Direction from gauge

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

Station No. 5351

41

## RAINFALL at Denny (Buckieburn Reservoir)

County of Stirlingshire

Observer Stirling &amp; Falkirk W. Rd.

River Basin - Farth Right Buckle

Type of Gauge.

54.3

Annual Average 15.2 in. based on 17 years obs. &amp; weighted. Period of average 1881-1915 Ref. S.

File No.

Diameter	8"			896	183						
Height	1' 0"					1					
Altitude	825'	824'				41					
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	5YRS Means
January	1.32	6.03	7.84	7.18	2.47	7.56	5.72	7.90	9.22	4.75	59.99
February	5.31	3.25	6.87	2.80	9.88	4.72 (2.00)	7.37	6.13	6.62	54.95	
March	2.81	3.94	4.08	.92	4.16	3.68	5.67	5.80	2.37	4.34	37.77
April	2.79	5.13	4.57	4.51	4.22	1.64	10.22	4.60	6.08	4.15	47.91
May	4.07	3.66	4.03	4.20	6.57	1.92	5.28	2.42	2.84	3.45	38.44
June	1.13	2.17	6.15	4.91	5.99	5.86	5.49	6.30	1.72	2.82	42.54
July	4.09	2.85	3.40	4.22	3.93	5.36	4.23	4.76	2.91	8.24	43.99
August	5.18	7.13	8.17	4.35	1.95	5.60	.10	11.48	6.43	7.20	57.59
September	2.25	7.71	4.26	6.07	7.18	7.79	6.97	8.68	3.33	10.26	64.50
October	6.05	6.41	12.18	6.67	7.96	.91	3.07	6.31	6.75	6.69	62.00
November	4.35	1.23	3.98	8.78	0.72	7.58	8.69	6.06	4.85	4.02	50.26
December	4.59	7.75	2.74	7.79	5.30	6.64	1.93	7.49	12.07	2.99	59.29
TOTALS	43.94	57.26	68.97	61.40	60.33	59.26	59.87	79.17	64.70	65.53	619.23

1947 Feb. 25° for snow.

20004

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

## RAINFALL at Denny (Buckieburn Reservoir)

Station No. 5351

51

County of Stirling

Observer Stirling &amp; Falkirk W.Bd.

River Basin North Right Bank - 1

Type of Gauge.

5 ft. 3 in. 19

Annual Average 45.2 in. based on 12 years obs. un-weighted. Period of average 1871-1915 Ref. S P B 599  
" " 60.59 " 20 " within 1939-59. File No. S.

Diameter ...	8"				896	183					
Height ...	1' 0"						1				
Altitude ...	824'						51				
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	5.92	4.47	2.51	6.18	2.86	4.43	9.74	6.55	3.42	6.53	
February ...	4.14	1.09	2.38	8.37	3.82	1.86	4.42	2.42	2.81	5.23	
March ...	3.57	5.73	1.57	4.70	4.91	3.63	6.97	2.55	3.44	2.71	
April ...	5.49	2.47	2.59	2.83	2.96	1.21	3.82	1.88	5.35	5.27	
May ...	2.55	2.02	3.31	5.70	5.22	4.04	3.88	4.58	1.71	4.06	
June ...	3.57	5.22	2.93	4.65	2.46	4.50	2.32	4.49	3.44	3.25	
July ...	5.68	2.21	3.09	3.15	1.69	6.67	5.72	7.05	7.20	5.54	
August ...	8.53	5.62	2.62	5.58	1.60	7.65	5.46	6.26	1.78	4.20	
September ...	5.35	3.57	5.89	8.41	4.90	7.36	3.97	4.82	1.34	3.88	
October ...	1.37	4.40	3.40	11.48	4.02	5.97	5.83	5.90	5.55	6.07	
November ...	7.65	2.57	9.83	8.80	2.72	1.22	2.71	2.37	7.78	7.13	
December ...	9.95	5.09	6.66	9.35	9.83	7.38	8.87	6.71	10.32	7.10	
TOTALS ...	63.77	44.46	51.78	78.90	46.99	55.85	63.71	55.58	54.14	60.97	
	n	M		M		M	M	M	M	M	

In June 1959. With t.w. the site is safe. Ground falls away to S

Position of Station on Ordnance One-Inch map : No. of Map ..... National Grid Reference 26/742856

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

Summary of Earlier Records from 10-year Sheets :

1916-1950, P (Rejected) - Rejected

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