

RAINFALL AT *St Ninian's Falls, Fife*

Lat. _____

Lon. _____

County of *Stirling*

Rain Gauge, by _____

Observer *Col. Stirling**For Mr. R. Bank - F.**W.W. Neilson Esq. Cl.**C. Macdonald Esq.*

Diameter									8		
Height							4 6	2 0			
Altitude							737	713			
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January				3.90	7.20		2.70	1.87	3.15	7.00	
February				6.10		5.25	2.70	4.13	2.55	2.30	
March				2.10			4.70	4.85	1.30	3.31	
April				1.20	2.40	3.70	2.20	2.16	3.50	4.60	
May				3.10	3.70	1.50	.80	2.00	2.20	5.33	
June				2.00	3.30	1.50	5.80	6.22	2.15	2.63	
July				2.40	3.00	5.60	5.00	1.95	1.10	3.20	
August				3.60	5.80	8.50	2.10	6.63	4.75	1.10	
September....				2.30	.60	2.30	6.20	3.30	5.50	4.11	
October				5.00	5.60	3.40	3.20	2.57	4.80	4.00	
November....				2.10	5.10	5.50	2.30	3.70	5.40	5.15	
December				6.80	3.60	5.30	6.40	6.63	7.00	3.50	
TOTALS . . .				40.60		42.55	44.10	46.01	43.40	46.23	

1894 February & March gauge out of order.

1898 Denny Church 6 miles E

1895 Jan & Feb gauge frozen.

RAINFALL AT

Milroyth,
St. Ninians Foughlin

Lat.

Lon.

County of

Stirling

Rain Gauge, by

Observer

C. Macle Esg

Forth, R. bank - 1.

Diameter ..	8											
Height	1	0										
Altitude ..	707 ft											
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.	
January ..	5.50	3.70	4.82	11.00	4.70	2.20 6.40	6.75	3.91	7.46	7.09	6.173	
February ..	2.20	1.70	2.15	11.20	4.54	3.50 2.20	2.78	5.10	3.40	2.50	3.777	
March88	2.94	3.20	10.65	3.50	6.00 2.60	5.00	6.30	5.55	4.80	4.632	
April	3.06	3.96	1.25	1.85	5.90	3.70 6.00	2.90	3.00	1.85	4.56	3.433	
May	2.50	2.64	2.70	3.05	5.10	3.30 3.70	6.32	5.62	4.20	4.26	4.009	
June	4.50	4.30	2.35	4.70	3.10	1.10 3.20	2.20	7.21	3.50	2.40	3.756	
July	3.40	2.30	4.20	6.30	3.00	3.30 1.10	2.87	3.58	5.20	4.35	3.630	
August	4.20	5.20	4.00	7.95	6.30	6.28 3.30	5.44	8.15	5.81	4.69	5.504	
September ..	5.40	4.54	3.65	4.30	5.10	6.28 3.20	3.10	2.25	9.25	2.32	4.311	
October	7.35	6.40	4.50	11.00	3.20	3.70	7.65	7.75	2.10	10.15	6.380	
November ..	8.20	3.40	3.65	3.05	2.10	5.70	5.20	3.50	5.65	3.85	4.430	
December ..	10.90	6.75	6.90	4.50	6.80	5.77	3.70	9.42	6.55	6.59	6.788	
TOTALS ..	58.09	47.83	43.37	79.55	53.34	42.75 46.27	53.91	65.79	60.52	57.56	56.822 55.5	

1900 July 26th Gauge moved 90 yards N
Bank 10 ft high 180 ft 5

1905 corrected from Oberris read, submitted with an enquiry v. 45

RAINFALL at

Hills
Kilsyth & Faughlin ReservoirCounty of StirlingObserver C. Massie Esq.River Basin Forth Right bank tribs. 1:

Rain Gauge, by _____

Diameter ...	8											
Height	1 0											
Altitude ...	707 π											
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	SUMS MEANS 1916-19	
January ...	6.20	6.40	4.50	4.30	5.85	4.90	9.54	2.98	7.98	6.13	26.63	
February ...	5.49	11.15	5.90	4.95	6.10	7.85	4.80	2.25	9.55	1.47	16.07	
March	2.65	3.40	7.75	7.71	6.30	2.98	3.35	1.65	2.25	3.95	11.20	
April	6.96	4.90	2.13	3.72	3.80	4.72	4.50	1.23	1.45	2.25	9.43	
May	2.55	2.72	2.70	4.35	3.15	1.77	7.25	3.85	2.50	1.30	14.90	
June	1.45	3.25	6.75	4.75	.87	1.97	2.70	3.20	1.62	3.55	11.37	
July	5.75	3.25	3.30	1.00	.87	6.40	4.25	2.05	4.57	1.60	12.53	
August	10.00	4.80	5.10	2.75	5.75	5.10	4.40	7.25	3.95	3.50	19.10	
September ..	1.55	2.80	3.25	3.25	3.77	2.51	1.75	5.40	7.83	6.92	21.90	
October ...	4.41	5.45	7.95	4.50	2.40	5.62	9.90	8.90	8.20	1.25	28.25	
November ..	4.10	8.30	6.25	9.75	10.50	3.52	8.95	9.35	4.98	6.57	29.85	
December ...	6.90	6.90	12.60	6.10	10.55	8.57	7.76	3.71	5.68	7.70	24.85	
TOTALS ...	58.01	63.32	68.18	57.13	59.91	55.91	69.15	49.82	60.56	46.55	226.08	

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

RAINFALL at Kilsyth, Gaughlin ReservoirCounty of StirlingObserver C. Massie Esq. CFRiver Basin Forth - Right bank tribut. 1.Glaisher Rain Gauge, by

Diameter ...	8			8									
Height	1	0		1	0								
Altitude ...	707			707									
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930. MEAN.		SV119
January ...	9.24	10.25	5.00	5.75	5.80	7.35	8.10	7.10	10.20	2.65	7.25		78.69
February ...	10.95	1.85	5.40	6.30	7.5	6.10	7.25	4.80	9.25	2.30	.40		55.35
March	5.56	10.40	3.10	2.65	1.40	1.40	4.45	4.85	5.10	1.70	3.13		43.74
April	2.86	1.92	2.95	4.40	2.80	7.01	3.10	3.20	2.80	1.85	1.40		34.29
May	7.85	3.95	6.17	2.65	6.70	10.01	4.50	3.80	1.95	4.30	2.48		54.36
June	2.50	.35	2.27	2.28	3.50	1.00	2.76	5.95	7.35	3.55	3.90		35.41
July	5.45	5.20	5.31	4.70	5.65	2.14	5.25	5.50	5.20	5.50	3.95		53.85
August	7.40	6.82	3.55	8.15	4.36	6.55	4.36	9.30	7.10	8.90	7.45		74.44
September...	4.60	2.60	3.45	9.30	7.12	4.22	4.75	8.20	7.30	1.75	5.90		59.19
October	1.91	7.75	3.52	8.05	5.85	4.45	7.10	8.75	9.35	6.70	7.65		69.08
November...	5.75	4.35	4.35	4.65	6.95	1.10	7.90	6.50	8.83	8.80	7.80		66.98
December...	5.80	10.75	5.52	5.07	8.75	4.52	2.15	1.80	7.80	11.15	6.00		69.31
TOTALS...	69.87	66.19	50.59	63.95	58.13	55.85	61.67	69.75	82.23	59.15	57.31		694.69

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			Denny		

RAINFALL at Hilgorth (Paughlin Reservoir)County of GloucesterObserver C. Maslin, C.E.River Basin 1 - FORTH - Right BankStirling Falkirk W. Be (1931)

Type of Gauge

Annual Average 54.4 in. based on 39 years obs. un-weighted. Period of average 1881-1915 Ref. Survey
computed 21/36

Diameter	8											
Height	1.0											
Altitude	707											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	50MS Means	
January	3.95	8.10	6.09	8.05	2.69	5.94	5.75	9.35	6.68	2.42	59.02	
February	5.65	10.4	5.30	7.0	6.50	3.55	6.29	3.21	8.10	2.83	42.17	
March	1.65	9.50	4.74	5.22	2.19	2.21	2.54	5.68	5.19	5.66	40.78	
April	4.60	5.30	2.80	3.30	4.10	1.98	3.09	1.18	3.15	4.67	34.17	
May	5.50	4.75	2.38	3.40	.31	.95	2.52	6.54	1.43	1.15	28.93	
June	6.70	1.80	1.32	3.75	6.00	2.28	4.59	7.83	3.59	1.08	38.94	
July	7.20	4.10	4.46	3.90	1.80	5.67	4.95	5.54	7.23	4.77	49.62	
August	3.15	3.57	3.92	5.63	4.71	4.65	5.53	3.63	1.67	3.14	39.60	
September	2.60	4.95	1.28	7.06	9.27	5.57	4.81	7.12	2.46	3.94	49.06	
October	6.90	7.30	4.19	8.95	13.28	7.49	4.50	10.91	3.37	6.80	73.69	
November	4.85	4.72	2.74	2.44	6.59	5.59	1.29	10.71	9.63	7.19	58.75	
December	5.30	10.08	2.61	6.56	3.87	7.45	3.70	4.23	3.24	6.53	53.27	
TOTALS	61.05	58.21	41.83	58.96	61.01	55.53	49.56	75.93	55.74	50.18	568.00	
	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

Station No. 5350

RAINFALL at Kilsyth (Faughlin Res.)

41

County of Stirling Observer Stirling & Forth V.Bd.

River Basin 1. Forth Right Bank

Type of Gauge

Annual Average 54.4 in. based on 39 years obs. un-weighted. Period of average 1881-1915 Ref. S

File No.

Diameter	8'				896	148					
Height	1' 0"					1					
Altitude	707'					41					
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	SyMS Means
January	1.96	4.90	6.78	8.80	2.82	7.74	(5.70)	8.26	9.09	6.44	62.49
February	5.54	2.45	7.17	2.90	10.25	4.72	2.50	7.08	6.31	5.92	54.84
March	3.30	3.79	4.37	97	5.78	5.13	4.07	7.32	4.47	4.06	45.26
April	2.84	4.44	4.48	4.32	2.87	2.03	7.75	4.98	7.05	4.09	44.85
May	3.95	3.67	5.04	4.81	6.74	2.50	4.04	2.65	4.45	4.31	42.16
June	1.29	2.11	5.91	5.68	5.91	4.92	5.28	5.42	8.5	2.92	40.29
July	4.14	3.24	3.42	4.16	3.64	5.42	4.69	5.10	2.69	6.56	43.06
August	5.79	6.87	8.10	4.90	2.61	4.94	0.00	9.97	6.57	6.52	56.27
September	1.97	7.61	4.46	5.76	7.70	8.52	7.07	8.36	3.46	10.92	65.83
October	6.33	7.40	12.41	5.92	8.94	7.0	3.25	8.62	7.16	4.00	64.73
November	3.48	1.24	3.46	11.22	7.0	7.92	9.59	5.65	4.65	4.67	52.58
December	3.80	6.62	2.88	7.53	4.65	6.44	3.53	6.65	11.47	2.44	56.01
TOTALS	44.39	54.34	68.48	66.97	62.61	60.98	57.47	80.06	68.22	62.85	62.63

1946. Gauge tampered with in May. Engineers estimate of 2.50 inches accepted by R.O.S.

1947 Jan. est. for June Feb. est. for June

A0004

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 Kilsyth (Gauglin. Res.) Station No. 5350 51
 County of Stirling Observer Stirling & Falkirk M. Bd.
 River Basin South-Right Bank
 Type of Gauge Glaisher

Annual Average 54.4 in. based on 39 years obs. un-weighted. Period of average 1881-1915 Ref. S
60.43 - - - 35 - - 1916-1950 1916-1950 P
 File No.

Diameter ...	8"				896	148					
Height ...	1'0"					1					
Altitude ...	707'					51					
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	5.97	4.53	2.94	5.68	3.54	4.34	8.65	5.32	1.96	5.34	
February ...	3.64	1.09	2.67	5.30	3.03	2.39	3.36	2.26	3.06	4.12	
March ...	4.44	4.75	2.08	3.84	1.78	3.22	7.04	1.88	4.31	2.17	
April ...	3.74	2.45	2.28	2.42	3.54	1.29	4.27	1.82	(4.59)	(4.75)	
May ...	2.10	1.53	2.87	4.22	4.09	4.23	3.52	4.56	1.19	(3.50)	
June ...	3.47	5.31	2.22	4.73	3.40	4.44	2.38	4.04	2.96	3.34	
July ...	6.74	3.29	10.28	2.77	1.34	6.47	5.87	6.18	(1.08)	5.53	
August ...	8.11	5.96	2.51	5.66	1.71	6.27	4.97	6.54	1.86	4.29	
September ...	4.15	3.78	8.34	8.43	5.38	7.29	3.72	4.84	1.52	2.93	
October ...	1.80	3.94	3.17	12.56	4.65	5.87	6.84	5.04	5.80	4.26	
November ...	7.58	2.50	10.71	9.25	2.45	1.49	2.29	2.57	6.45	7.10	
December ...	8.72	5.45	7.03	9.69	10.20	6.75	7.29	7.13	9.54	7.61	
TOTALS ...	60.46	44.57	57.10	74.55	45.11	54.05	60.20	52.18	50.32	54.94	
	M	M					M	17	M.	M	

1950. June 1952. A little o/e to N, E & S. Best site available. No delivery pipe. Water in outlet contained.
 1960. April & May part by Eng. - gauge tampered with.

04404 06004

Position of Station on Ordnance One-Inch map : No. of Map National Grid Reference N 321 73828 741831

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	