

835810

RAINFALL at Stirling (Meteorological Station)

County of _____ Observer J. Tyffe, Esq., C.S.I. per S.M.S.

River Basin, North, R bank trib - 1.

Rain Gauge, by _____

Diameter ...											
Height											
Altitude ...											
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...							562	1.33	14.95	3.48	Totals, 16-19 15.38
February ...							4.20	(60)	4.88	1.22	10.90
March							1.81	2.24	1.27	3.01	8.33
April							1.89	1.27	-66	1.53	5.15
May							3.78	3.23	1.94	.50	9.51
June.....							2.80	.71	.48	2.00	5.99
July							4.61	1.36	2.84	.65	9.49
August.....							3.01	4.98	3.57	2.83	14.39
September...							.79	1.30	5.98	2.23	10.30
October ...							6.65	6.06	5.03	.66	18.40
November..							4.64	4.58	3.62	4.55	17.37
December...							4.33	1.33	3.76	6.61	16.03
TOTALS ...							44.13	28.97	39.01	29.13	141.24 141.24

? same as next sheet

1916 from Head, sheet. (Stanley elev.)

1917 from Victoria Place

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

RAINFALL at Stirling, Sanchie House

County of Stirling Observer J. Fyffe Esq. C.S.I.

River Basin Forth - Right-bank trib. 1.

(1928) M.D. Snowdon Rain Gauge, by

Diameter ...	5"														
Height	1	0													
Altitude ...	151														
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929					
January ...	5.74	6.26	4.52	(2.94)	4.24	4.96	5.73	5.08	11.13	1.54	4.62				
February ...	6.88	.59	3.36	(3.94)	4.5	4.63	5.28	2.47	5.26	1.57	.28				
March	3.36	5.73	2.34	1.65	.94	1.48	2.39	3.05	4.06	.45	.76				
April.....	1.51	1.06	2.56	3.86	2.51	3.98	1.92	1.88	1.35	.65	.87				
May	3.83	2.43	2.78	1.42	4.96	6.31	2.98	2.51	1.54	2.52	1.36				
June	1.61	.26	1.40	1.29	2.23	.37	2.54	3.94	4.27	1.74	.87				
July	3.31	3.67	3.06	2.55	3.65	1.04	4.02	3.86	2.24	2.59	6.33				
August	4.63	5.52	1.69	5.86	2.44	3.23	2.79	6.84	5.00	4.78	6.24				
September...	1.43	1.85	1.63	4.80	4.30	2.79	3.36	5.96	3.45	.81	4.40				
October.....	1.43	3.46	1.59	4.05	3.14	3.85	4.27	5.69	6.07	4.41	4.91				
November...	4.77	2.93	2.50	2.49	2.88	.50	6.67	3.08	5.31	5.91	4.28				
December...	4.13	5.07	3.53	2.94	8.11	3.45	.95	.99	4.33	7.13	4.39				
TOTALS...	42.63	38.83	30.96	(7.82)	39.85	36.59	42.90	45.85	54.01	34.10	41.81				
	D	D	D	D	D	D	D	D	D	D	D				

1923. Estimated for first Jan - 11 P.M.

1920. Tree 30 ft. 6 in. high 42° 5' W. SW. by S.
" 21° 9" " 16° 10 N. NE. -- [Blown down in Dec. 1929]

Position of Station on reduced Ordnance Survey Map, 2 miles to 1 inch Series				No. of Map	Reference No.		
Date.	Lat. N.	Long. W.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge
1920	56° 7'	3° 56'	Stirling	5547ds	S	Craufordeshire	300yd E.

(1928) Viewfield

300 ft. N.E.

RAINFALL at Stirling (Sauchie House) M.W.R.

County of Stirling

The Town Council
Observer A. T. Fyfe, C.S.E.

River Basin 1-Forth - Right Bank

Type of Gauge M. O.

Annual Average 35.9 in. based on 13 years obs. un-weighted. Period of average 1881-1915 Ref. Surveyor
Computer K.H. 1/36

Diameter	5										Means
Height	1.0										
Altitude	105										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Totals
January	3.56	5.92	4.92	5.91	1.24	5.04	3.70	7.81	3.76 (197)		43.83
February	2.80	.03	2.50	2.24	3.47	1.86	4.16	1.72	4.46	1.30	22.53
March	1.08	1.99	2.22	2.59	1.21	2.73	2.10	2.54	2.76	3.20	22.41
April	2.01	4.13	1.15	4.27	3.48	1.14	2.02	.36	1.74	3.02	23.32
May	4.24	3.41	2.44	1.57	.19	1.26	1.55	3.96	1.54	1.19	21.38
June	5.49	1.50	.97	2.03	3.88	1.60	1.78	4.59	2.11	.83	25.08
July	4.84	2.41	3.28	2.73	.58	3.51	3.34	3.46	4.35	4.67	33.17
August	2.01	1.28	1.67	3.67	2.12	2.34	3.99	2.01	1.18	.94	21.21
September	1.06	2.98	.96	4.78	5.81	4.86	2.39	3.62	1.79	2.20	30.15
October	2.44	5.65	3.23	5.60	8.30	3.95	3.92	7.61	2.61	4.94	43.25
November	8.44	2.82	2.33	.51	3.47	2.85	.48	6.81	7.45	5.06	40.22
December	2.94	7.99	.51	4.89	2.78	6.01	2.62	3.15	2.04	3.55	36.48
TOTALS	41.21	40.11	26.18	38.79	36.53	36.55	32.05	47.64	36.10	32.87	368.63

1932. Year 20' high 27' s. House 14' high 24' w. Wall 2' high 19' s.e. Year 30' high 35' n.e.
 1940 Jan. corrected for snow.

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	Parish Church.	Distance from gauge
1932. 1936			Stirling Stirling	700 yds 300 yds	S. E.	Holy Rode Stirling	300 yds W.N.W. 150 yds NNE.

Station No. M.W.R. 5358

RAINFALL at Stirling (Sandie House) W. Crichton (1962)

County of Stirling

Observer The Town Council (J. E. Fife, Esq.)

River Basin Firth - Right Bank

Type of Gauge M. A.

Annual Average 359 in. based on 13 years obs. de-weighted. Period of average 1881-1915 Ref. S

File No.

Diameter	5"			894	212						
Height	1' 0"					1					
Altitude	151					41					
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	1.19	6.15	5.45	4.42	2.94	4.61	5.21	6.49	4.46	2.23	Totals 43.15
February	3.50	1.44	3.59	1.11	5.70	2.80	2.34	3.96	3.60	4.11	32.15
March	2.20	2.65	2.15	.36	2.70	1.99	3.43	3.08	.77	2.62	21.85
April	1.27	2.79	2.18	2.24	1.70	.61	6.82	2.67	2.70	2.42	25.40
May	2.98	2.84	4.14	2.24	4.57	1.52	3.97	2.06	2.62	1.22	22.19
June	0.78	1.11	2.79	3.11	3.52	2.77	3.97	4.76	1.06	1.44	25.31
July	2.81	1.89	2.42	2.81	3.64	3.50	4.48	3.66	2.43	4.76	32.40
August	2.96	4.08	5.78	3.04	1.83	3.09	0.00	6.53	3.92	5.32	36.55
September	1.66	5.43	2.94	4.19	4.26	5.91	3.91	5.68	1.28	9.35	46.61
October	4.40	2.84	6.50	3.69	5.30	.71	1.88	3.42	4.79	2.88	36.41
November	4.43	0.62	1.96	6.12	24	6.04	4.48	2.86	3.17	2.91	32.83
December	2.78	4.67	1.61	3.90	3.31	3.56	1.74	5.65	5.88	1.50	34.60
TOTALS	30.96	36.44	41.51	37.23	39.71	37.11	42.23	50.82	36.68	40.76	393.45

1942. Gauge moved 38 ft 155° on 2/8/42. Tree 60' high 40° 18°. Tree 60' high 67° 243°. Stand for max & min therm. in open 5' 2" high 4° 182°. Stevenson Screen 5' high 7° 153°.

Impaled 7.10.43. Gauge moved (15 ft?) about 1942 bringing it to within 36 ft of tree 60' high. Wooden fence 10 ft x 16 ft enclosed around gauge & screen between Dec 1947 & Feb 1948. Time of highest wooden fence 4.5 ft x 3 in (opening 1½ in). Nearest point 5 ft from gauge. Wind vane on fence. Repaired immediately.

There are difficulties about lopping trees enclosing instrument (which is necessary or amount of interference).

Position of Station on reduced Ordnance Survey Map, No. of Map..... Reference No.....

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

Station No. 5358

RAINFALL at Stirling (Launcie House) M.W.R.

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County of Stirling Observer The Town CouncilRiver Basin South Right Bank - 1 (W. Crichton)Type of Gauge 11.0Annual Average 35.9 in. based on 13 years obs. un-weighted. Period of average 1881-1915 Ref. S.A.W.S.
38.50 " " 35 " 1916-1950 P File No.

Diameter	5"				894	212				5"	
Height	1'0"						1			1'0"	
Altitude	151'						51			2	
Year	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January	4.39	3.01	1.04	4.11	2.10	2.75	6.25	3.92	1.58	3.62	
February	2.92	.55	1.07	4.03	2.27	1.36	3.42	2.18	1.31	3.64	
March	2.02	3.08	1.82	3.72	1.76	2.48	3.29	1.26	1.95	2.05	
April	1.94	1.17	1.92	1.45	1.30	.61	1.34	.84	3.27	3.55	
May	1.46	2.48	2.03	4.71	3.06	1.73	3.16	2.67	1.9	2.99	
June	1.62	2.40	1.99	2.06	1.31	3.56	2.37	2.99	1.94	2.09	
July	4.14	2.14	4.60	1.75	.74	4.88	4.66	6.03	5.64	3.05	
August	5.91	5.30	2.46	4.09	1.16	5.76	4.49	4.67	.94	2.93	
September	3.73	2.06	5.10	4.86	2.36	5.29	1.91	4.76	.79	2.75	
October	0.59	4.07	1.91	8.54	2.80	4.65	3.38	4.05	3.08	3.65	
November	5.43	1.77	5.87	6.95	1.90	.57	1.07	1.47	4.30	4.85	
December	5.40	3.51	4.79	5.17	7.29	4.81	5.33	5.96	6.13	3.71	
TOTALS	39.55	31.54	34.60	51.44	28.05	38.48	40.67	40.80	32.12	38.88	
	D	D	D	D	D	D	D	D	D	D	

1959 - New site at Butterflat (26) 786925 with overlap for one year.

Imp 24/7/59 A.B. Johnson site whereabouts. Not suitable for rainfall recording

Position of Station on Ordnance One-Inch map :	No. of Map	National Grid Reference NS(26) 792 936					
Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge.

Summary of Earlier Records from 10-year Sheets :

1916-1950, P (Ran) - accepted

Record D, or d		1910-19	1920-30	1931-40	1941-50	1951-60
		"Type being received but 0 to 100 mm. and 74".	c. 1920 ✓	✓ but 1-31-34	✓ but 1-41	