

Rainfall at Stronowar Perth

50

S.Y.

Perth.

Observer D Barringe Esq

Forth, Febt - 3.

YEAR - -		1854	1855	1856	1857	1858	1859	MEANS.
January - -		5.50						
February - -		3.25						
March - - -		2.25						
April - - -		.50						
May - - - -		3.50						
June - - - -		4.50						
July - - - -		2.50						
August - - -		2.75					5.28	
September -		2.75					9.90	
October - -		5.25					4.70	
November -		3.75					9.30	
December -		6.75					8.80	
TOTALS -		48.25	43.25					

X X  
Stronowar Campbellton

4 11-9

1854} small (vii. 13)

Showar.

Loch Eann Head Yorkshire.

D. Carnegie Esq<sup>r</sup>

A. 1604

463 64

+ ground 3 inches off Sea Level 460 ft 63

865

Forth, teeth - 3.

YEAR	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January	9.05	6.15	12.10	15.70	8.50	8.30	14.95	5.75	15.40	10.37	10.527
February	6.45	11.20	2.64	8.15	5.80	4.55	11.05	9.65	13.55	10.27	8.331
March	10.35	11.90	8.82	4.50	6.52	2.93	8.67	3.10	11.47	7.15	7.541
April	2.65	.70	8.10	7.20	3.45	1.60	5.80	9.52	6.30	3.30	4.862
May	3.45	1.20	6.15	2.80	1.85	5.58	1.60	3.30	5.80	1.25	3.498
June	9.55	4.20	7.40	5.40	5.67	.85	3.92	3.20	2.52	3.45	4.616
July	2.80	4.65	7.09	.40	5.45	4.10	3.35	6.20	1.05	4.20	3.929
August	6.70	12.85	4.00	7.76	2.45	6.30	7.60	4.55	8.50	1.05	6.176
September	3.45	8.50	3.78	9.26	10.25	2.10	11.95	4.00	3.90	11.85	6.953
October	11.06	8.40	13.16	7.46	5.25	5.55	6.45	9.30	9.20	4.67	8.250
November	4.38	11.20	5.35	8.92	8.73	6.30	6.25	2.30	6.60	4.67	6.470
December	4.25	7.70	17.95	12.25	7.75	13.95	12.70	5.70	17.30	13.95	11.280
TOTALS	756.4	886.5	978.4	89.80	71.67	62.11	94.29	66.57	101.59	76.18	82.434

Sea fell in 1866 (94.29) is 50 per cent more than 165 = 62.11 the greatest in the last 7 y<sup>r</sup> was 97.84 in 1862

RAINFALL AT *Stronar*Lat..... Long..... County of *Perth*..... Rain Gauge, by..... Observer *A. Buchan*

Forth, Tenth - 3.

Diameter .....	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....	8.05										
February.....	7.72										
March.....	6.90										
April.....	4.70										
May.....	2.12										
June.....	2.82										
July.....	7.70										
August.....	5.75										
September.....	2.55										
October.....	8.25										
November.....	5.45										
December.....	12.30										
TOTALS .....	74.31										

C  
See next sheet 1 but one

RAINFALL AT *Shawar Balquhidder*

70

Lat.....

Long.....

County of *Perthshire*.....

..... Rain Gauge, by.....

Observer *Rev'd a. M. McGregor*1875 M<sup>o</sup> *D. Colquhoun*

Fork, Leid - 3.

Diameter.....	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....					11.10	15.40	10.10	13.30	7.10	2.24	9.74
February.....					3.42	2.68	6.60	6.60	5.15	3.66	6.04
March.....					8.47	3.50	9.60	3.45	4.35	7.63	5.60
April.....					6.04	2.95	2.90	4.55	4.05	2.36	3.58
May.....					3.10	5.67	8.85	4.90	7.80	2.14	4.34
June.....					3.10	4.70	6.70	8.60	3.80	6.45	5.52
July.....					7.72	2.45	3.65	5.15	7.70	5.73	4.84
August.....					7.96	6.52	5.70	7.75	6.30	9.40	6.52
September.....					10.60	6.00	3.60	3.95	8.00	9.33	7.08
October.....					16.40	8.90	9.75	13.50	10.40	2.67	9.31
November.....					7.17	6.40	3.50	15.90	2.60	2.09	6.73
December.....					3.40	11.30	11.25	11.00	8.11	6.93	8.40
TOTALS.....					65.00	88.48	76.47	74.20	98.65	63.36	60.63
					*						77.70 *

\* est<sup>d</sup> Glasgow Water 1914

1874 B. gives June 3.55 July 8.17 Aug 6.96 Dec 3.85 Total 88.83

\* Average computed from *Loch Dhu* + *Loch Drunkie*



RAINFALL AT Balquhidder Stirlingshire

Lat.

Lon.

County of

Perth

Rain Gauge, by

Observer

J. Dickson, Esq.

Forth, Perth - 3.

Diameter .....	5									6	
Height .....	1.0										
Altitude .....	420				4227						
Year .....	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January .....	6.20	1.12	10.17	12.42	12.73	7.08	11.29	9.53	8.29	7.30	8.613
February .....	10.13	5.42	8.85	12.28	12.20	13.56	3.32	8.93	.84	4.73	8.026
March .....	4.47	6.35	10.70	4.66	7.94	5.66	6.35	2.57	4.62	2.77	5.603
April .....	6.85	2.01	3.06	4.04	2.30	4.92	5.86	2.28	3.54	4.90	3.976
May .....	2.53	4.07	5.60	4.47	6.85	3.90	4.03	.69	8.45	5.02	4.561
June .....	2.73	6.30	6.83	3.35	1.69	1.99	2.03	1.88	4.32	1.56	3.268
July .....	5.03	6.07	8.14	5.16	6.82	2.86	4.77	4.60	6.77	1.78	5.200
August .....	2.14	5.78	5.43	5.89	5.66	5.57	3.54	4.63	5.11	6.16	4.985
September .....	4.87	3.28	5.43	3.65	6.44	11.49	10.59	5.10	1.06	1.57	5.345
October .....	7.1	6.17	6.08	10.20	9.33	5.95	7.35	3.62	7.85	6.81	6.397
November .....	11.65	15.64	10.20	11.62	10.08	5.51	7.76	6.57	13.88	3.31	9.641
December .....	5.93	8.69	8.72	7.48	12.29	6.62	5.96	6.17	8.32	8.03	7.821
TOTALS .....	63.24	71.10	89.81	85.16	94.30	75.05	72.84	56.57	73.05	53.24	73.436

1880. Balquhidder  $\frac{1}{4}$  mile N  
 Trees 40 ft high 80 ft NE

RAINFALL AT Balquhidder Stronvar

Lat.

Lon.

County of

Perth

Firth, Depth - 3.

Rain Gauge, by

Observer

J Dickson Esq

J Carnegie Esq

Diameter	6										
Height	10										
Altitude	422 T										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	18.40	6.64	7.37	5.68	14.92	3.31	4.82	2.54	7.64	9.63	5.095
February	1.51	2.01	2.88	8.92	16.79	.99	4.00	8.13	8.70	6.83	6.076
March	6.36	5.86	2.27	2.59	7.55	5.01	8.79	11.12	3.25	7.06	5.986
April	2.58	2.91	1.75	1.44	2.27	7.20	3.59	5.47	6.97	6.80	4.098
May	3.28	2.65	5.69	3.71	3.08	1.00	.85	4.47	2.67	4.20	3.160
June	7.24	2.58	5.05	2.51	3.51	2.42	5.59	5.74	3.28	2.34	4.026
July	5.15	2.86	4.43	3.95	5.78	5.58	4.62	3.71	1.67	4.58	4.223
August	3.66	8.08	10.80	6.12	4.99	8.65	3.49	11.93	6.91	2.08	6.671
September	7.35	9.07	10.01	4.54	.21	2.94	7.90	5.49	7.39	7.30	6.220
October	6.52	12.80	6.24	7.23	4.61	2.94	7.18	5.33	6.84	7.22	6.700
November	11.80	7.51	8.96	4.24	8.62	11.68	3.12	5.82	10.62	13.73	8.610
December	1.43	13.04	3.22	10.68	8.62	9.10	10.52	10.94	18.01	5.53	9.109
TOTALS	75.28	76.10	68.67	61.61	80.95	60.82	64.47	70.69	83.95	77.30	72.984

1891 Balquhidder 1/2 Mile N  
Trees 40ft high 60ft NE

1890

RAINFALL AT Balquhidder Stromness

Lat.

Long.

County of Perth

Rain Gauge, by

Observer, J. Carnegie Esq.

Forth Tenth - 3.

for Dickson

Diameter ..	6							5			
Height ..	10										
Altitude ..	422 <sup>7</sup>										
Year ..	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	11.57	5.62	7.99	16.38	8.40	5.43	12.96	4.09	9.09	10.24	9.077
February ..	4.66	1.72	2.03	15.73	6.32	4.78	4.03	7.68	5.07	3.65	5.567
March ..	.90	5.26	5.83	18.31	4.82	8.48	5.70	6.05	8.40	2.65	6.640
April ..	4.70	6.18	5.40	2.04	9.79	3.83	2.58	4.30	1.63	7.24	4.760
May ..	8.02	3.68	3.43	2.28	5.38	3.12	5.36	5.01	3.38	5.29	4.495
June ..	5.49	6.33	2.43	3.44	4.71	2.83	1.19	6.64	3.98	2.45	3.940
July ..	3.26	4.51	2.94	5.63	4.71	3.35	4.50	2.34	5.53	3.28	4.005
August ..	5.21	5.14	3.47	10.69	7.74	7.34	7.61	8.25	6.24	3.64	6.533
September ..	6.80	8.43	5.33	6.44	7.60	4.50	3.26	1.91	10.15	2.55	5.697
October ..	8.09	7.11	5.41	15.58	4.29	4.80	10.82	5.67	2.74	14.05	7.856
November ..	6.59	4.75	7.12	5.44	2.63	10.38	7.57	5.53	7.37	5.03	6.241
December ..	19.44	10.27	9.87	8.06	9.57	7.66	4.91	9.06	9.75	7.44	9.603
TOTALS ..	84.73	69.00	61.25	109.02	75.96	66.50	70.49	66.53	73.33	67.51	74.432

0 m 7 m 20 m 40 m

1900 Balquhidder Church 1/4 mile N N E

Trees 40 ft high 81 ft N.E.

1905 Balquhidder 3 miles N E

1907 New observer during 1907 & obs. probably considerably better  
from about the middle of the year.

RAINFALL at Balgurder, StronowarCounty of Perth  
River Basin Forth, Firth 3Observer J. Carnegie Esq.  
per G. Dickson

Upper snowdon Rain Gauge, by

funnel 500 all over. Glass broken; 01-30 correct.

Diameter ...	5											
Height .....	1 0											
Altitude ...	4221											
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.	
January ...	9.64	5.15	8.89	8.22	7.22	6.19	14.79	2.60	7.80	6.92		31.91
February ...	9.32	12.31	8.23	6.59	13.83	11.89	9.77	1.12	13.13	(1.15)		28.17
March .....	5.42	2.59	8.23	10.86	8.19	3.07	2.25	3.43	2.65	6.00		14.33
April .....	7.52	6.19	3.26	7.16	6.15	4.83	6.32	1.95	1.42	3.45		13.14
May .....	2.83	5.53	2.58	6.64	2.55	1.85	5.36	3.20	2.96	1.43		12.95
June .....	3.50	4.74	8.06	5.21	1.40	1.76	2.45	2.65	3.65	4.55		13.30
July .....	7.64	3.62	2.98	.50	3.24	3.35	4.18	1.82	3.75	1.20		11.25
August .....	10.72	7.12	4.70	1.43	5.05	4.13	2.96	8.08	4.20	3.82		18.86
September ..	1.65	2.60	3.49	4.91	2.70	3.15	1.31	6.00	8.03	5.70		21.04
October ...	3.92	5.15	8.20	6.33	2.22	4.23	12.46	11.83	11.62	1.39		31.30
November ..	4.00	11.26	7.43	10.56	10.05	3.43	10.79	11.66	9.49	7.41		39.35
December ...	9.20	14.24	24.95	6.52	13.50	7.44	8.08	3.68	7.33	12.58		31.6
TOTALS ...	75.39	80.50	91.00	74.98	76.10	55.32	81.02	58.02	76.03	(55.20)	72.56	270.77

D D D D

1919. Feb estimated

Inspected 25. IV. 13. Good copper snowdon (rain 2½ in deep) no brass edge. In wire enclosure. Belt of trees 20 ft high 45 ft N-E-S & remainder of circle say 50 ft. Distant 130 ft high. Q. stands on level meadow, exposure good.

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

### RAINFALL at Balgobidder, Stronavar

County of Perth

Observer. J. Carnegie Esq <sup>late</sup> per G. Dickson

River Basin Forth, Yeith 3

J. Gant. (1926)

Copper Snowdon Rain Gauge, by

Diameter ...	5"		5"									
Height .....	1.0		1.0									
Altitude ...	422		422									
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1920. MEANS.	
January ...	11.83	12.71	(10.00)	8.38	6.30	8.28	13.98	11.91	17.07	2.42	14.85	
February ...	10.50	1.81	(8.42)	9.70	1.59	6.21	5.60	3.13	8.33	1.93?	.86	
March .....	8.75	12.40	(3.33)	3.70	6.60	2.08	6.39	5.54	7.01?	1.72	16.64	
April .....	2.82	1.24	(3.60)	3.87	3.14	6.84	3.10	3.94	2.82?	1.40	4.43	
May .....	7.92	(4.98)	5.19	2.60	5.88	10.32	4.26	2.57	1.47	5.06	8.09	
June .....	2.15	(60)	(3.24)	1.60	2.56	1.46	4.52	4.78	5.06	2.78	2.33	
July .....	4.98	4.78	5.32	4.53	7.07	2.55	2.64	5.50	4.13	4.12	3.43	
August .....	5.27	5.88	3.62	6.86	5.03	4.54	4.87	8.09	6.21	6.73	5.66	
September...	3.59	(3.60)	(3.10)	10.12	8.88	3.39	2.94	6.83	4.94	1.90	5.33	
October .....	5.41	(4.25)	3.39	11.89	5.33	7.03	4.43	8.31	11.48	8.77	11.63	
November...	9.50	3.78	(4.02)	5.35	4.98	1.72	10.61	7.97	7.44	10.02	6.62	
December...	7.07	10.41	7.62	3.67	12.91	5.06	2.51	2.09	8.04	15.40	6.63	
TOTALS...	84.79	(66.40)	(60.85)	7227	64.27	57.48	66.15	70.66	83.90?	61.25?	66.00	

1938 Game inspected 1938

1920. Gauge inspected 1913.  
1922. Jan. entirely estd. + small interpolations in other months, probably short

1925. Record 20-30 per cent too low. N. S.

1926 Not fruited - low  
1927 7 ft. low (1 mi.)

1927 Feb. low (1 mi.)

*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 from gauge	Parish Church.	Distance from gauge

RAINFALL at 10alquhider (Sarwar)County of Perth Observer T. G. Gee.River Basin 3. Forth - Teith J. R. Henderson, Esq.

Type of Gauge

Annual Average 14.7 in. based on 25 years obs. un-weighted. Period of average 1.8.31 - 1915 Ref. Begn.

Diameter	5	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
Height	1. 0.											
Altitude	422											
Year		1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	
January	4.79	14.98			12.20	2.39	4.50	10.55	12.61	5.15	14.9	
February	5.71	0.00			5.55	6.94	3.46	6.55	6.70	8.90	3.96	
March	2.10	3.06			3.76	2.72	4.05	3.60	7.42	6.43	5.46	
April	2.68	4.66	2.76	4.32	3.15	2.38	1.12	1.65	8.55	5.36		
May	5.93	2.58			3.58	3.7	2.33	3.74	4.37	1.33	1.09	
June	6.31	1.85	2.40	2.42	5.26	1.71	3.25	7.67	3.72	7.4		
July	6.67	5.68	3.44	3.10	1.52	7.95	5.07	4.62	7.68	4.21		
August	2.39	3.22			5.95	3.18	4.02	3.45	2.63	2.54	2.32	
September	2.30	4.24			9.71	10.29	4.12	5.25	5.07	3.31	4.09	
October	5.56	6.29	?		8.45	15.19	8.67	3.10	12.60	5.12	9.69	
November	11.93	5.75			2.10	8.22	4.82	1.08	14.45	1.40	10.03	
December	6.19	9.93	1.65	11.24	4.55	14.37	3.12	6.75	3.48	8.61		
TOTALS	62.56	61.93	imp.	67.68	63.78	62.37	49.88	85.54	63.61	57.05		
			d	7/100. wind	d	d	d	d	d	d		

1930. The record was some 15' too low. The months shown above were accepted with the remainder rejected as incomplete.

1934 - 1/2 low. Observer buying new gauge.

1935 New g. Aug. 1935.

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

Station No. 5526

RAINFALL at

Balquhidder (Stronan)

41

County of Perth

Observer T.R. Henderson, Esq.

River Basin 3 - Firth - Teith

N.J. by Stalker from Oct 1941

Type of Gauge

A. M. Spencer, Esq. (April 1944)

Rainfall gauge, 1941

Ref. B of N.

Annual Average. Min. based on 35 years obs. unweighted. Period of average 1881-1945. Ref. B of N.

File No.

Diameter	5"			891	603					
Height	1' 0"					1				
Altitude	422'					41				
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950
January	1.49	6.13	10.49	9.34	2.04	9.73	9.68	8.57	6.88	6.46
February	7.81	(2.63)	8.31	2.50	10.72	5.03	1.01	8.72	8.18	9.58
March	2.17	3.39	3.27	1.12	6.69	4.51	4.90	8.07	2.85	5.24
April	2.21	5.03	5.55	4.59	2.81	2.35	13.20	4.56	6.92	4.75
May	3.06	6.47	3.65	6.57	5.67	1.70	6.51	1.80	3.51	2.61
June	0.62	2.47	(6.12)	5.01	5.71	5.21	5.23	6.20	2.33	2.77
July	3.32	5.80	3.37	3.02	4.50	4.71	5.23	5.85	1.94	8.18
August	4.25	8.62	10.87	4.94	1.98	5.40	.00	10.21	5.87	9.48
September	2.16	10.39	5.89	5.19	9.00	9.40	6.88	9.39	2.67	12.58
October	6.91	9.24	16.77	7.40	7.12	.75	5.15	10.22	10.05	8.84
November	7.89	1.51	4.54	9.26	.55	9.27	10.90	4.93	7.45	5.51
December	6.04	14.25	3.10	9.26	8.42	8.02	2.64	13.50	13.44	2.92
<b>TOTALS</b>	47.93	75.93	81.93	68.20	65.21	66.08	71.33	92.02	72.09	78.92

Feb adj for snow. 0.004

1943 June adj from nearby stns.

1945 Greenhouse 18' high 15° E Wall 12' high 18° ENE Cupola in a semi-circle 12' high 13° N (a few more) 60-75' high 50° away

1948 birds?

2000 ft

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	Parish Church.	Distance from gauge.
1945			Balquhidder	4 1/2 m	E	Balquhidder	1/2 m E

Station No. 5596

51

## RAINFALL at Balquhidder (Stronar)

County of Perth

Observer Major G. Fullerton-Carnegie

River Basin. Torth - Lait - 3

Type of Gauge.

Annual Average 74.2 in. based on 35 years obs. eq-weighted. Period of average 1881-1915 Ref. Rep. N.

File No.

Diameter	5"				891	603				
Height	10"						1			
Altitude	4221						51			
Year	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960
January	7.15	5.06								
February	4.87	1.51								
March	4.13	6.22								
April	5.74	3.53								
May	1.94	2.89								
June	3.26	4.84								
July	3.76	2.74								
August	7.95	6.27								
September	6.42	3.36								
October	2.22	7.46								
November	12.92	2.23								
December	9.62	-100	##							
TOTALS	69.97	-100	inc							
	D	np								

1952. House add. No return meantime.

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

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

Summary of Earlier Records from 10-year Sheets :

Record D. or d		1910-19	1920-30	1931-40	1941-50	1951-60
		<del>✓</del>	✓	✓ Imp. 33 np. 34-35	✓	