

RAINFALL AT *Ardclach Glenferness*

Lat. _____

Lon. _____

County of *Nairn*

Rain Gauge, by _____

Observer *Earl of Leven Mr. Macdonald*

Fishon - 1.

Diameter								8			
Height								1.6			
Altitude								750			
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January								1.67	2.02	3.42	
February								1.32	3.94	1.42	
March								2.49	3.47	3.51	
April								1.23	1.74	4.54	
May								1.71	2.36	2.45	
June								4.34	2.73	.76	
July								1.27	2.62	3.66	
August								3.05	3.93	1.70	
September....								3.13	2.66	4.94	
October.....								1.36	1.91	1.73	
November....								2.75	3.37	3.37	
December								3.12	5.75	3.96	
TOTALS . . .								27.44	36.50	35.51	

RAINFALL AT Ardclach Glenfermess

Lat.

Lon.

County of Nairn

Rain Gauge, by

R'd. Don

Observer Earl of Lovell & Melville
in a Mr. Ramage

Findhorn TC - 1.

Diameter ..	...				8						
Height ....	...				16						
Altitude ..	...				700		750				
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	4.55	3.01	1.61	4.70	1.55	2.05	2.45	1.30	2.31	2.93	2.646
February ..	2.59	3.47	1.58	4.99	1.99	3.37	2.54	1.57	3.57	2.41	2.838
March	3.34	2.62	1.99	3.35	.95	4.81	4.06	2.82	5.03	4.28	3.325
April	2.21	2.85	.97	1.90	3.00	2.69	2.22	2.37	2.98	3.15	2.434
May	1.55	1.04	3.86	2.43	2.99	2.27	5.44	3.33	1.60	2.62	2.713
June	1.66	3.85	4.32	2.13	1.22	.34	2.62	4.91	1.54	.90	2.349
July	4.45	2.90	4.70	5.33	.71	2.14	2.16	3.88	3.08	3.95	3.330
August	5.12	3.45	3.70	3.91	4.87	3.24	3.51	3.21	1.15	2.78	3.494
September ..	2.54	1.21	1.19	2.84	1.76	2.26	1.97	1.42	7.94	2.49	2.562
October	3.68	3.06	2.35	4.17	1.25	4.96	6.33	3.86	.38	4.74	3.478
November ..	4.04	3.33	1.00	3.99	2.45	5.28	6.02	1.43	2.69	2.77	3.340
December ..	4.31	5.22	4.32	1.14	2.68	1.86	3.96	1.73	1.35	2.17	2.884
TOTALS ..	40.04	36.11	31.59	40.88	25.42	35.27	43.28	32.53	33.62	35.19	35.393

1904 Ardclach Church 3 (09) 2 Miles N E.

Para Station 6 SE

Horro 1 1/2 high 1 1/2 all round

1909 Corrected for wrong day.

RAINFALL at Ardclach, Glenferness

5684

County of NairnObserver Mr. A. MackenzieRiver Basin Findhorn & C. 1

Rain Gauge, by _____

Diameter ...	8										
Height	1 6										
Altitude ...	750 T										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS. 18-19
January ...	3.39	1.60	1.64	1.40	2.52	2.41	3.90	2.77	3.44	3.42	13.53
February ...	1.50	3.66	1.34	2.61	1.37	2.34	4.41	1.21	3.16	.70	9.48
March	1.77	1.83	1.88	4.03	3.42	4.15	2.85	2.51	1.29	3.26	9.91
April	5.83	2.00	1.74	1.49	.69	3.24	2.82	4.11	2.26	5.06	14.25
May	1.73	2.23	3.32	1.40	6.18	.97	4.74	2.59	1.32	.07	8.72
June	2.42	5.03	4.16	2.88	2.95	1.01	8.72	3.86	2.75	3.47	18.80
July	4.57	2.27	1.13	1.57	4.10	5.01	5.19	1.40	5.79	.70	13.08
August	3.33	.64	6.67	1.23	2.08	2.26	2.94	6.42	2.84	2.70	14.90
September ..	1.06	1.28	1.64	3.05	1.78	7.58	1.72	1.78	4.29	3.12	10.91
October ...	2.64	3.20	1.72	.80	1.12	1.31	5.33	4.76	3.40	4.72	18.21
November ..	6.48	6.77	3.72	2.72	5.05	4.62	2.56	6.47	2.63	5.76	17.42
December ...	2.36	2.20	4.49	3.73	4.84	4.26	1.58	2.11	4.32	2.52	10.53
TOTALS ...	37.08	32.71	33.45	26.91	36.10	39.16	46.76	39.99	37.49	35.50	159.74

1913 Flowers, 1 ft high all round
 1919 " 18 in. " 1 foot E.

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1911.			Dava	6 mls.	E.	Ardclach	2 mls.	N.

RAINFALL at Arddlach, GwyneddCounty of NairnObserver Mr. A. Mackenzie (gen)River Basin Findhorn & C. 1for Earl of LennoxGlaisher Rain Gauge, by

Diameter ...	8			8		1 1/2				8		
Height	1 6			1 6		1' 6"				1 6		
Altitude ...	750			750		700'				700		
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930. MEAN.	5478
January ...	3.54	5.58	3.24	4.22	1.91	4.60	1.85	4.14	4.09	.96	2.18	36.31
February ...	3.14	.58	2.64	2.08	3.02	5.43	1.08	1.27	2.54	.61	.95	23.34
March	2.61	2.60	3.49	.99	1.50	3.83	3.01	1.68	2.39	.42	1.73	24.25
April	3.40	.86	5.67	2.86	.76	2.93	2.42	4.12	1.50	3.06	2.13	29.71
May	1.76	3.34	2.32	4.81	4.16	2.66	2.99	5.17	3.11	2.98	1.45	37.75
June .....	.80	1.17	2.09	1.98	2.99	.93	3.11	5.36	4.53	3.07	1.66	27.69
July	4.09	2.50	5.23	3.92	4.45	2.34	3.89	2.60	2.21	4.04	4.02	39.29
August	2.98	3.15	3.13	4.00	7.57	.96	2.01	3.24	5.14	4.97	5.08	45.23
September...	4.06	1.61	2.32	2.68	5.76	6.25	3.39	7.95	4.92	2.33	4.27	45.54
October .....	.98	2.25	1.96	4.14	3.41	2.80	5.15	4.68	3.50	4.66	4.54	38.07
November...	2.51	1.65	3.19	2.98	1.36	1.78	3.03	4.12	4.39	2.08	5.88	32.97
December...	1.01	4.46	1.40	2.40	3.07	3.04	2.34	1.34	2.45	3.63	2.15	27.29
TOTALS...	30.88	29.75	36.68	43.06	39.96	37.55	34.27	45.67	40.77	32.81	36.04	407.44

1920. Flowers 18 in high 2 ft 12
 1921. " 12 " 3 " 6

37140
 566

37140

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	Direction from gauge
1920		1	Dava	6 mi	E	Arddlach	2 mi	N

RAINFALL at Arddlach (Glunferness)County of GairObserver Mr G. May
A. McLaughlinRiver Basin 1. Kindhorn &c.Type of Gauge GlaisherAnnual Average 34.8 in. based on 31 years obs. un-weighted. Period of average 1881-1915 Ref S

Diameter	8.										
Height	1. 6.				1. 0						
Altitude	700.										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	30 yrs Means
January	4.24	3.48	1.80	1.90	2.05	(5.15)	3.98	4.07	6.08	.96	33.21
February	2.69	.80	3.17	1.22	3.65	1.62	3.75	2.08	1.65	1.32	21.85
March	1.66	4.46	0.51	3.99	(1.15)	2.00	3.70	2.06	3.06	4.12	26.71
April	3.04	5.24	1.94	5.84	4.58	1.37	.63	1.18	1.70	2.68	28.10
May	3.00	4.24	1.95	2.83	2.60	1.52	1.22	3.71	1.55	2.16	24.77
June	3.63	.29	2.86	2.14	4.21	1.66	3.75	5.63	2.43	1.54	28.14
July	5.55	4.69	3.16	2.34	1.70	10.19	4.06	5.93	5.97	11.01	56.60
August	4.80	1.30	3.06	2.86	3.32	2.64	3.19	2.57	1.95	3.14	28.83
September	2.25	4.19	1.53	1.27	5.11	2.93	1.52	4.44	2.62	2.93	28.79
October	3.35	7.40	7.32	5.56	7.72	3.54	2.74	6.05	3.10	2.36	50.14
November	2.74	3.51	1.43	2.01	2.82	1.90	1.39	4.32	3.04	6.77	29.93
December	2.28	2.50	0.45	2.69	1.95	3.23	2.39	2.13	3.23	4.28	25.13
TOTALS	39.23	42.10	28.68	36.65	40.76	37.75	32.22	44.17	36.38	44.26	382.20
	D.	D	D	D	D	D	D	D	D	D	

1931. Flowers 2' high 3' N.

1934 Flowers 18" high close E.

1936 Jan. estimated by surrounding stations.

1937 Flowers 2.5' high 6.8' S.

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
1931.			Llŵa	6m	E.	Arddlach	2m	N.

Station No.

5684

RAINFALL at

Ardclach (Glenfernes)

41

County of

Naïm

Observer

Mr J. May

River Basin

1 - Fiddon & C

Type of Gauge

Glaider

Annual Average 34.8 in. based on 31 years obs. not weighted. Period of average 1881 - 1915 Ref. S

File No.

Diameter	8"				310	255	corrected depths					
Height	1' 0"					1						
Altitude	700'				41							
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means	
January	2.70	3.57	1.57	3.80	5.43	1.31	1.90	2.68	4.00	2.39	29.35	
February	4.81	2.70	3.80	3.19	2.05	3.52	4.8	2.71	2.39	2.48	28.13	
March	3.27	.80	2.36	2.23	.99	1.13	2.67	1.43	2.55	2.15	19.58	
April	2.62	2.63	1.92	1.71	1.63	2.79	3.98	3.06	2.45	4.89	27.68	
May	5.77	2.61	5.22	2.70	3.60	1.65	1.99	3.18	2.45	1.93	31.10	
June	0.64	1.17	2.73	4.78	3.67	3.25	4.54	7.67	1.49	2.01	31.95	
July	4.36	3.03	2.33	1.48	4.15	7.96	2.85	5.19	2.26	1.76	35.37	
August	10.40	2.88	4.52	2.75	5.86	3.87	2.8	8.72	6.48	1.99	47.75	
September	1.74	4.47	3.00	5.21	3.00	5.08	4.48	2.46	1.12	6.60	37.16	
October	5.65	8.89	2.72	3.72	4.58	.35	1.34	3.24	2.31	1.64	34.44	
November	2.73	1.16	3.54	3.96	.32	3.91	5.55	2.09	2.98	5.48	31.72	
December	3.02	3.05	.76	4.05	3.53	1.88	1.84	2.69	6.68	4.16	31.66	
TOTALS	47.71	36.96	34.47	39.58	58.81	36.70	31.90	45.12	37.16	37.48	385.89	

1947 April conf. by obs.

all cards.

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

Station No. 5684

RAINFALL at Ardclach (Glenferness)

51

County of Savannah

Observer

River Basin, Fendhorn & Co.

Type of Gauge..... *Glaisher*

Annual Average 34.8 in. based on 31 years obs. un-weighted.

Period of average

1881-1915

S

38.15 " " 35 " " 1916-1950

File No.

—

Diameter	8"			8 10	055	14	corrected	12	73 & cards amended.		
Height	1' 6"				1		2' 0"				
Altitude	700'				51		min				
Year	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January	2.82	3.94	1.93	2.65	1.14	2.51	3.26	2.85	5.40	3.93	
February	2.95	2.11	2.60	1.76	2.50	2.91	2.48	4.13	0.95	2.68	
March	3.62	1.95	1.47	2.38	2.37	1.44	3.61	2.75	0.87	1.08	
April	5.84	1.46	3.71	1.24	1.13	2.18	1.02	2.03	3.27	2.79	
May	1.02	1.60	3.57	5.78	3.25	1.43	1.43	4.22	0.99	0.49	
June	5.08	3.31	5.24	3.87	1.12	4.07	2.47	3.10	2.72	3.89	
July	5.11	2.35	5.66	5.25	.55	11.51	6.55	5.77	2.76	2.80	
August	6.45	4.99	2.39	2.54	.90	7.36	7.90	4.87	1.65	9.77	
September	0.94	3.87	2.24	3.02	2.13	3.35	2.17	(2.05)	0.74	3.05	
October	1.87	2.96	1.24	7.16	5.19	3.92	1.74	(2.34)	3.96	4.82	
November	5.33	4.19	2.46	2.33	.97	1.95	3.93	(1.01)	3.87	1.21	
December	3.91	4.28	2.77	6.08	6.43	3.30	3.03	(2.36)	2.60	2.36	#:
TOTALS	44.90 D	37.01 D	35.28 D	44.56 D	27.68 D	45.93 D	39.59 D	(37.48) D	29.76 D	38.87 D	

Ins. 7-5-58 Worm det. G. (w/ther). Trees on ridge to N 26° elev = 450' WSW 45° NW
O/S new. Move into centre of garden where very good site. Suggest "gauge"
on lawn. *New gauge supplied (R. H. L. loc) for new site beginning Sept*
1958 Totals for Sept - Dec obtained from new station 5684 | 00174 1958

1959
1960) no check.

NH(28)937430 is for 5684/1

936428
~~937430~~

Position of Station on Ordnance One-Inch map :

No. of Map.....

National Grid Reference NH(28) 934176

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge		Parish Church.	Distance from gauge.	
						<i>H.W.H. 12/73</i>		

Summary of Earlier Records from 10-year Sheets :

1916-1950, P-accepted

		1910-19	1920-30	1931-40	1941-50	1951-60
Record D, or d		✓	✓	✓	✓	
		✓	✓ Unit d 20-24.	✓ Unit d 35-39	✓	

Air Ministry, Meteorological Office

Station No. 5684/1RAINFALL at Ardeclach (Glenferness) New SiteCounty of NairnObserver Mr. J. MayRiver Basin Fairburn & C-1

Type of Gauge _____

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

Ref. _____

367

File No. _____

Diameter ...					810	056		5"			
Height ...						1		1' 0"			
Altitude ...						51		700'			
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...								-100	5.02	3.62	
February ...									0.94	2.51	
March ...									0.85	1.02	
April ...									3.21	2.76	
May ...									6.95	0.49	
June ...									2.66	3.51	
July ...									2.79	2.63	
August ...								-100	1.62	9.54	
September ...								2.05	0.73	2.81	
October ...								2.34	3.84	4.76	
November ...								1.01	3.86	1.09	
December ...								2.36	2.58	2.21	
TOTALS ...								-100	29.05	36.95	
								no rain.	D	D	

1959. n.p. check.
1960 pin^x

1958. Gauge supplied by R. Met. Soc.
Sited in centre of garden. 3' tall all
around 20" with disk and 23"-24".

Position of Station on Ordnance One-Inch map:

No. of Map 38National Grid Reference 29737430

Date	Lat. N.	Long.	Railway Station	Distance Direction from gauge	Parish Church	Distance 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
C 1958					