

RAINFALL AT Borrodale, Arisaig

Lat.....

Lon.....

County of.....

W. Inverness

Rain Gauge, by.....

Observer Mr. A. GrantArisaig - 13.

Diameter							5				
Height							10				
Altitude							20				
Year.....	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January					7.87	3.76	7.08	6.08	5.37	5.81	
February					7.39	7.98	3.21	4.62	4.35	5.63	
March					3.73	4.37	3.12	2.49	4.81	5.99	
April					1.22	2.79	2.62	3.55	3.34	2.26	
May					4.19	3.63	3.07	2.24	4.23	3.40	
June					2.42	4.76	3.16	3.94	2.94	1.43	
July					5.71	4.64	4.91	5.85	3.95	2.01	
August					5.18	2.29	4.29	4.06	6.95	8.20	
September.....					5.73	11.80	6.75	3.85	3.42	4.91	
October					10.13	5.17	4.95	6.21	8.29	3.60	
November					7.66	5.02	7.56	5.15	6.11	6.77	
December					7.66	8.45	7.29	5.52	6.96	8.29	
TOTALS				(65.00)	68.89	64.66	58.01	53.56	60.72	58.30	

estd. Dec. 1918

Arisaig Church 3 miles W.
 1884. Vineries 16 ft. high 40 ft. N.

RAINFALL AT Borrodale Arisaig H.

Lat.....

Lon.....

County of West Inverness

Rain Gauge, by

Observer Mr A. Grant

Arisaig - 13.

Diameter	5	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
Height	10											
Altitude	30 20?											
Year		1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	
January	10.58	6.05	9.77	4.90	7.45	3.46	4.98	1.69	6.46	5.23	6.059	
February	1.18	3.17	3.75	5.74	6.88	.51	4.18	4.44	7.53	3.39	4.077	
March	6.67	3.62	1.67	3.99	5.59	4.18	8.58	5.74	4.45	6.06	5.055	
April	2.61	1.26	1.88	2.17	1.08	2.45	5.00	3.57	4.08	4.93	2.903	
May	2.54	2.55	5.20	3.57	4.16	1.59	2.11	3.93	3.78	3.03	3.246	
June	6.90	2.48	3.22	1.06	4.45	2.33	5.61	3.45	5.41	3.73	3.864	
July	8.51	4.01	4.49	5.50	5.83	4.23	6.34	6.26	4.60	4.99	5.476	
August	7.59	7.79	6.10	5.38	9.06	6.68	7.96	4.68	7.34	2.77	6.535	
September	8.34	7.51	9.55	9.10	.48	7.34	6.40	8.30	10.79	11.36	7.917	
October	12.82	6.25	5.49	10.71	2.91	7.70	4.72	3.16	3.46	6.12	6.334	
November	9.46	5.50	6.06	6.00	10.47	6.29	4.90	4.62	7.14	9.57	6.995	
December	1.68	8.27	4.63	10.42	6.83	5.36	6.33	6.80	10.74	6.60	6.766	
TOTALS	78.88	58.46	61.81	68.54	65.19	52.12	67.11	56.64	75.78	67.72	65.225	

1890 Arisaig Church 3 miles W
 Tumulus 16 ft high 40 ft N

RAINFALL AT Arisaig House Gardens

Lat.

Lon.

County of West Inverness

Rain Gauge, by N & J

Observer Mr W Grant

Sound of Arisaig - 13.

Diameter ..	5										
Height	10										
Altitude ..	20?	30									
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	7.51	4.51	6.44	7.68	7.52	5.66	7.80	5.65	6.48	6.19	6.544
February ..	2.67	3.53	1.60	9.42	4.41	5.99	5.88	5.80	8.00	3.79	5.109
March ..	1.15	3.61	7.26	8.36	2.54	6.45	3.10	5.49	6.15	.79	4.490
April	5.27	4.48	2.86	3.18	7.03	3.49	3.51	2.86	2.25	3.05	3.798
May	3.04	1.12	4.48	3.32	4.88	4.09	4.40	2.99	3.51	3.75	3.558
June	2.54	3.20	1.18	3.19	3.73	1.83	1.25	4.90	4.88	1.19	2.789
July	6.49	3.83	5.16	5.47	3.42	5.00	6.17	3.65	5.49	7.96	5.264
August	7.08	5.99	5.33	8.98	5.44	4.25	5.13	8.26	6.36	6.30	6.312
September ..	6.35	5.47	6.33	4.83	5.16	7.62	4.64	2.13	8.20	3.71	5.444
October	8.62	8.18	5.76	10.18	5.43	6.93	5.81	3.27	.94	7.05	6.217
November ..	5.13	7.48	4.17	7.46	6.77	5.24	8.38	7.33	5.20	5.30	6.246
December ..	10.75	8.14	6.16	4.76	5.20	5.16	9.70	6.24	6.47	8.51	7.109
TOTALS ..	66.60	59.54	56.73	76.83	61.53	61.71	65.77	58.57	63.93	57.59	62.880

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H.W.G.

1901 Arisaig Church 3 miles w

greenhouses 16 ft high 40 ft n

1906 Arisaig Station 3 miles w

RAINFALL at Arisaig House

County of Inverness

Observer Mr. W. Grant

River Basin Sound of Arisaig 13

Rain Gauge, by N & L.

Diameter ...	5										
Height	10										
Altitude ...	30?					50?	40				
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	6.85	6.14	4.71	4.82	4.88	8.85	7.82	4.42	5.56	4.83	22.13
February ...	6.08	7.74	3.55	4.86	6.38	5.37	7.30	1.68	7.74	.76	7.48
March	4.16	3.30	6.57	6.68	3.52	5.77	1.88	2.64	2.52	3.54	10.58
April	6.41	4.55	5.68	4.12	4.87	6.25	4.23	3.21	1.63	7.71	16.78
May	4.66	4.23	2.84	4.63	4.10	.97	4.40	3.87	2.53	1.34	12.14
June	2.27	3.26	3.91	4.94	3.91	.90	2.29	3.21	4.05	7.25	16.80
July	3.47	6.73	3.89	1.64	3.33	5.19	4.92	2.03	7.29	2.24	16.48
August	6.47	3.91	4.13	2.59	5.10	4.21	3.98	5.62	6.97	6.33	22.90
September ..	3.48	5.78	3.90	3.41	4.94	2.13	3.85	6.85	7.64	9.11	27.45
October ...	4.55	2.46	6.58	5.57	3.62	2.03	9.29	13.32	9.06	4.12	35.79
November ...	4.62	6.16	10.21	10.65	7.63	5.65	9.96	13.60	7.87	5.36	36.79
December ...	5.87	10.38	11.04	7.63	8.10	6.66	7.69	4.32	7.96	7.93	27.90
TOTALS ...	58.89	64.64	67.01	61.54	60.38	53.98	67.61	64.77	70.82	60.52	63.016

D D D D D D

1919. Free lower. 15ft. high 30 N.E.
40 N.W.

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1911.			Arisaig	3 mls.	W.	Arisaig	3 mls.	W.

RAINFALL at Arisaig House

County of Inverness

Observer Mr. W. Grant

River Basin Sound of Arisaig 13

for Sir A.W. Nicholson

Snowdon Rain Gauge, by No. 3
(25)

Diameter ...	5-											
Height	1 0											
Altitude ...	30	45								40		
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MEANS.	
January ...	8.24	9.39	4.95	9.61	5.60	6.98	7.11	10.75	10.35	2.17	9.02	84.37
February ...	7.58	4.31	5.68	2.98	3.63	4.58	4.56	3.64	5.00	1.51	.79	44.26
March	8.47	7.89	2.81	2.41	.95	3.71	6.33	4.88	5.30	1.42	4.37	48.54
April.....	2.66	3.06	3.96	3.18	4.83	4.69	2.62	7.22	2.76	3.99	2.31	41.28
May	5.31	5.14	8.14	4.65	3.58	5.46	3.74	3.34	1.28	4.46	2.81	47.91
June	3.77	2.87	4.90	5.80	5.38	3.56	4.31	4.08	4.63	5.33	4.61	49.24
July	6.03	4.97	5.19	6.69	5.40	3.57	4.05	3.23	6.48	3.82	2.97	52.40
August	4.35	4.14	4.20	7.50	7.73	3.88	5.26	4.22	4.20	7.73	9.01	62.22
September...	4.94	6.01	3.85	9.67	7.10	6.44	7.40	6.23	4.54	7.58	4.60	68.36
October.....	2.26	8.67	3.52	11.00	5.84	5.08	6.92	7.36	8.29	12.95	9.70	81.59
November...	7.92	2.13	5.24	9.01	4.71	2.12	6.21	6.03	8.53	7.19	9.49	68.58
December...	5.05	12.64	7.85	8.57	9.37	5.76	7.71	0.35	6.94	10.02	6.81	81.07
TOTALS...	66.78	71.22	60.29	81.07	64.12	55.83	66.22	61.33	68.30	68.17	66.49	729.82

1921 front door 15 feet N.

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
1920	56° 53' 30"	5° 47' 20"	Arisaig	3 mi	W

31

RAINFALL at *Arisaig House*.

County of Inverness

Observer w. Grant.

River Basin 13 - Sound of Arisaig.

Type of Gauge..... Snowdon (m.o. 1935)

Annual Average...62.9 in. based on 21 years obs. un-weighted. Period of average 1884-1915 Ref An. W. Sheet

1931. Greenhouses 20' high 40° N.
1934. Greenhouse 16' high 50' NW

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	Direction
1931.			Arisaig	3m	W.	Arisaig	3m	W.

Station No. 5721

RAINFALL at Arisaig House

41

County of Inverness

Observer W. Grant, Esq., died Oct 1942

River Basin 13-Sound of Arisaig

J. Gillies, Esq., Nov 1942
In memory name 1942

Type of Gauge M.O. Standard

Annual Average 52.9 in. based on 32 years obs. un-weighted. Period of average 1884-1915. Ref. A.W. Sheet

File No.

Diameter	5"				703	923					
Height	1' 0"					1					
Altitude	40'					41					
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	1.17	5.63	5.14	6.18	5.27	4.50	(6.85)	3.55	5.93	9.88	6.15
February	3.85	2.79	6.64	2.64	5.62	4.60	(5.10)	0.05	4.96	6.65	4.76
March	1.97	1.91	3.56	3.65	4.63	3.18	(4.00)	1.79	4.72	4.27	4.90
April	3.11	1.57	6.31	3.65	3.16	3.65	(3.55)	6.34	4.10	7.40	4.94
May	1.47	2.29	3.47	6.79	3.28	1.06	(4.45)	3.33	1.39	3.48	1.85
June	2.91	4.94	5.43	5.44	6.19	4.87	(7.20)	3.95	4.30	2.84	6.06
July	4.79	6.22	3.91	2.25	4.10	6.64	(7.35)	4.15	5.96	3.22	6.04
August	9.82	8.33	5.41	3.90	2.92	4.87	(5.70)	0.12	5.76	9.93	8.15
September	3.91	8.41	6.10	5.60	5.82	4.05	(5.85)	9.11	9.33	4.84	12.10
October	6.42	9.85	10.09	8.98	4.93	5.51	(1.85)	3.48	8.42	8.63	4.60
November	5.40	3.56	6.06	6.37	1.01	5.37	(5.65)	8.48	6.59	7.56	5.90
December	4.78	9.05	4.34	6.49	4.89	5.39	(5.45)	3.89	7.07	10.45	4.60
TOTALS	49.60	64.55	66.46	61.94	51.82	48.65	(58.00)	48.24	68.53	79.15	73.05
	D	D	D	D	D	mp.	D	D	D	D	D

1943 Greenhouses 20-25 ft. high 20 ft. W.N.

1946. n.p. low. Gauge tested and found to be leaking near the funnel (1147)
Funnel known to have been replaced 10/47

1947 Defective funnel replaced by new one 3.1.47.

77774

1946 W.N. ref 57215

Ratio 1946-15 + 1948-149 98:100

26144
26677

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

703923

Station No. 5721

RAINFALL at Arisaig House

51

County of Inverness

Observer Mr. Henry Milne

River Basin 13 - Sound of Arisaig

Mr. J. MacPherson

Type of Gauge Standard N.Y. 3165

Miss C.G. Astley Nicholson

Annual Average 62.9 in. based on 32 years obs. un-weighted. Period of average 1881-1915
 63.78 " 35 " 1916-1950 Ref. A.W.S.
 1916-1950 P
 File No.

Diameter ...	5"				703	923					
Height ...	1' 0"						1				
Altitude ...	40'						51				
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	8.18	5.85	6.99	7.13	4.03	5.51	8.57	7.74	4.08	3.40	
February ...	3.61	3.94	4.93	3.69	4.72	4.39	4.45	4.09	2.56	4.26	
March ...	4.03	4.48	2.36	4.21	1.77	2.25	6.30	1.40	5.53	1.24	
April ...	3.92	2.72	5.31	2.09	5.98	3.11	3.36	3.66	4.36	4.53	
May ...	0.86	3.66	3.51	4.46	3.07	5.59	6.92	4.38	1.75	2.60	
June ...	2.62	6.52	1.29	7.34	5.10	3.61	4.53	2.12	4.95	4.87	
July ...	8.00	5.88	6.65	5.83	2.20	7.21	9.66	2.66	9.08	3.63	
August ...	4.22	6.46	8.85	8.90	2.45	4.99	5.66	4.71	4.46	4.70	
September ...	5.34	5.45	6.07	9.27	8.53	4.48	3.78	4.46	4.18	5.23	
October ...	5.34	6.47	5.40	11.77	7.90	6.71	9.91	10.42	8.22	1.55	
November ...	7.75	3.37	12.32	8.94	2.87	7.55	4.43	3.85	8.65	6.69	
December ...	10.50	7.44	7.63	8.92	6.49	10.24	6.63	4.50	7.52	8.63	
TOTALS ...	64.37	62.24	71.31	82.55	65.41	65.64	69.20	53.99	65.36	51.33	
	D	D	D	D	D	0	D	D	D	D	D

In part terrace. 4.55. Gauge stand except for slight distortion of min. heat battened measure. hole in 30 in.

In terrace, walled garden to E. of house. S. sheltered by high ground rising to SW. E. N.W. N.E.

Aspect N.W. 40°; NNE 34°; back WSW 30°; W. 33°; due N 38°. Wall 6½' 10' S.E.

More to follow. Details for orchard recommended. Paper measure used.

1916-1958 G. sound. Trees NNW 40° NNE 34° WSW 30° W 33° NW 38°. Ground falls in series of terraces 6-8' o/s WSW-N. o/e 6-5'. Better sites are not acceptable

Position of Station on Ordnance One-Inch map : No. of Map National Grid Reference 17/692848

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

Summary of Earlier Records from 10-year Sheets :

1916-1950, P-accepted

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