

RAINFALL AT Arran Dougairie LodgeLat. .... Lon. .... County of ...RutlandArran - 3. Rain Gauge, by ..... Observer J. S. Powell Esq.

Diameter .....										5
Height .....										
Altitude .....										
Year .....	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889
January .....										MEANS.
February .....										
March .....										
April .....										2.56
May .....										4.06
June .....										4.18
July .....										3.01
August .....										3.59
September .....										2.28
October .....										2.73
November .....										8.62
December .....										4.94
TOTALS .....										

1888-1890 read 1907

## RAINFALL at Dougarie Lodge

County of Bute

Observer David Beside Esq

River Basin Arran 3

Rain Gauge, by Hg.

Diameter ...								5		
Height .....								1.0		
Altitude ...								870		
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	MEANS.
January ...						(4.80)	3.28	4.08	5.69	
February ...						(5.50)	1.24	6.47	1.02	
March .....						(2.00)	2.64	1.38	5.54	
April .....						(3.50)	1.67	1.13	2.43	
May .....						(4.50)	4.81	4.13	1.39	
June .....						(1.50)	2.42	2.09	4.45	
July .....						(2.50)	1.48	2.96	1.65	
August .....						(3.80)	3.81	2.81	2.92	
September...						(1.80)	2.96	5.49	4.25	
October ...						(6.20)	11.90	6.98	1.94	
November..						(4.50)	9.19	6.44	4.46	
December...						(5.30)	3.13	6.53	11.22	
TOTALS ...						(45.80)	48.53	50.79	46.74	191.96

Lodge 30 ft, 44 yds. S. E.

Pensthorpe School house in  
part completed in

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1917			Ardrossan	23 M.	E	Kilmory	14 M.	S.

## RAINFALL at Dougarie Lodge

County of Bute

Observer David Peacock Esq.

River Basin Arran 3.

Rain Gauge, by N.G.Z.

Diameter ...	5"													
Height .....	10													
Altitude ...	10													
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929		1930. MEAN.		
January ...	5.34	6.93	5.72	4.72	4.33	4.67	7.53	6.53	10.56	2.57	4.86		Total 13.	63.75
February ...	5.36	1.24	5.07	7.06	1.22	6.29	4.95	2.59	4.72	3.17	1.40			42.07
March .....	3.97	5.12	2.03	2.32	.71	2.65	3.31	4.28	4.86	1.33	2.76			33.34
April.....	2.56	1.41	3.90	3.81	3.59	4.71	2.42	2.91	2.36	1.81	2.68			32.06
May .....	5.80	3.48	3.09	2.83	5.31	6.30	3.59	3.31	1.72	4.57	2.11			41.81
June .....	2.37	.69	4.05	2.48	3.09	1.20	2.72	4.91	4.26	3.36	2.76			31.88
July .....	3.48	3.93	3.05	3.72	4.89	2.49	3.45	3.92	2.27	4.41	2.60			38.86
August .....	5.80	5.55	3.43	6.71	4.96	3.17	4.57	2.74	4.50	6.43	5.81			53.67
September...	4.17	2.29	3.04	7.19	6.55	4.24	3.29	5.12	3.64	2.13	4.03			45.69
October.....	4.47	5.25	2.81	6.27	3.31	4.21	6.80	4.22	8.68	5.32	7.54			58.88
November...	4.18	3.94	4.65	4.35	3.53	2.31	7.32	6.96	7.82	7.21	5.91			58.18
December...	4.35	7.79	3.27	6.75	4.67	2.96	2.63	2.28	6.58	13.08	6.88			59.74
TOTALS...	51.52	47.62	44.61	58.39	46.16	45.20	52.58	49.77	61.97	55.38	46.73			559.93
	D	D	D	D	D	D	D	D	D	D	D			476

Position of Station on reduced Ordnance Survey } No. of Map \_\_\_\_\_ Reference No. \_\_\_\_\_  
Map, 2 miles to 1 inch Series

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge
1917			Androssan	23 mi	E	Hilmore	14 mi S.

672904  
✓ 5387  
31

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**RAINFALL** at Dougarie Lodge.

*County of* Bute

Observer David Reide

River Basin. 3- Arran

### Type of Gauge.

*Annual Average* 46.0 in. based on 12 years obs., un-weighted. *Period of average* 1881-1915 *Ref.* S.

Diameter	5.									
Height	1.0.		1.2							
Altitude	10.									
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940
January	5.14	5.57	4.22	4.31	2.50	4.02	6.35	5.01	4.64	2.76
February	3.99	.05	6.03	.64	5.23	2.15	6.04	1.99	5.57	1.90
March	1.39	2.89	2.41	4.23	1.70	2.94	2.82	3.89	3.33	4.20
April	2.14	4.47	2.02	4.72	3.19	1.16	2.54	.53	2.10	2.30
May	3.28	2.61	2.12	3.85	1.10	3.34	1.45	4.19	1.28	2.32
June	4.66	1.64	2.62	2.96	3.63	1.69	3.38	5.17	2.66	.94
July	3.83	3.54	3.94	2.23	1.73	5.11	5.85	4.74	5.34	4.72
August	1.43	2.45	4.07	5.01	1.34	2.44	4.67	2.96	1.46	1.95
September	2.06	4.37	1.49	5.88	5.27	3.78	2.54	4.92	3.44	3.62
October	4.06	6.76	3.65	8.06	8.80	4.49	2.73	11.70	2.76	6.12
November	8.84	3.11	2.80	1.79	5.98	5.13	2.93	7.26	7.62	7.07
December	4.21	6.68	2.63	9.57	3.72	5.37	2.96	3.69	3.63	5.40
TOTALS	45.03	44.14	38.50	53.24	44.19	41.62	44.26	56.65	43.88	43.30

1031 Laddes-W.

1931 Lodge - W.  
1932 Lodge 30' high 70°-80° N.  
1934 " " " " W.

*Position of Station on reduced Ordnance Survey Map,* { *No. of Map*..... *Reference No.*.....  
*1 mile to 1 inch Series*

1 mile to 1 inch Series							
Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church	Distance from gauge
1931.			Androsoan	24m	E.	Kilmory	15m.

Station No. 5387

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## RAINFALL at Dougarie Lodge

County of Bute

Observer

David Reside Esq.

River Basin 3 - Awan

Gougehead Colvin (1944)

Type of Gauge.

P. Helm Esq. (1946)

Annual Average 45.0 in. based on 12 years obs. un-weighted. Period of average 1881 - 1915 Ref S.

File No.

Diameter	5"	672	904		5"					
Height	1' 2"		1		1' 0"					
Altitude	10'		41		50'					
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950
January	2.41	7.59	6.67 (6.60)	4.41	4.01	7.72	4.76	9.16	5.29	3.51
February	3.90	2.61	4.20 (4.70)	1.60	6.73	3.40	0.31	3.92	3.96	3.99
March	4.22	3.34	2.10 (4.00)	1.11	2.29	2.36	4.54	3.38	3.05	2.11
April	1.65	1.72	3.05 (3.80)	5.13	2.12	1.77	4.36	1.93	4.46	4.17
May	2.45	2.65	3.60 (3.80)	3.60	3.89	.75	3.79	1.30	2.84	2.00
June	1.25	2.14	(4.80)	2.66	3.31	2.71	3.63	3.20	1.12	2.01
July	2.85	4.49	(2.10)	3.31	2.49	3.87	3.55	3.51	1.99	5.93
August	5.04	5.91	(7.20)	3.22	1.33	3.46	.09	4.86	3.93	5.36
September	1.97	7.50	(4.10)	6.04	5.20	6.91	4.94	6.12	2.49	10.35
October	4.25	5.68	(7.50)	6.48	5.16	4.45	2.35	8.31	8.01	5.28
November	4.86	1.07	(4.30)	7.89	.52	6.38	8.46	4.05	6.07	4.14
December	2.29	7.13	(3.80)	5.20	4.52	6.85	4.07	7.27	7.16	1.98
TOTALS	37.14	51.83	55.40 inve	50.55	41.07	46.63	44.85	57.01	51.12	50.83

2/1/43. Station re-located & 195. A new 5" gauge mounted on newly iron table supported in a brick base. Rain gauge in a 2 ft. iron jar. Site held ground between Dougarie Lodge & the River Awan. It is surrounded by low-lying fence. The Lodge is 50yds to the N.E. There are some trees & out-houses which are more distant to the N.E.

1943. Observations T. April 1/43, obs'n moved. No suitable date now available, also gauge worn-out.

1944. New gauge issued on loan, obs resumed Jan 1944.

1947. Feb corr. for snow.

1950. June/July abn. 100% est. 1943 epv ref. Yarndale Cen 54.19. ref. 1881-1915 ave 44.44 30004 46.0% 66.5 = 70.2%

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

Station No. 5387

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RAINFALL at Dougarie LodgeCounty of ButeObserver P. Helm, Esq.River Basin Arran - 3Lady Mary BosanquetType of Gauge 170 (Platinum)

Annual Average 46.0 in. based on 1/2 years obs. un-weighted. Period of average 1881-1915 Ref. 592 WS.

48.37 - 35 - 1916-1950

File No.

Diameter	5"			672	904			4975			
Height	1' 0"					1					
Altitude	50'					51					
Year	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January	6.35	5.99	3.02	4.09	3.18	4.67	5.13	5.88	2.40	4.61	
February	4.34	1.69	1.82	5.03	3.23	1.44	3.89	3.98	1.73	4.25	
March	6.67	3.46	1.01	4.29	2.26	2.39	4.67	1.54	3.92	2.79	
April	3.15	1.89	2.54	1.80	3.94	0.95	2.81	1.75	3.00	4.35	
May	1.43	1.59	2.18	3.22	3.95	2.64	2.13	3.34	2.05	3.15	
June	2.28	3.62	1.74	4.22	4.63	3.30	2.58	4.54	2.74	2.24	
July	2.99	3.24	5.78	4.46	1.16	4.44	4.48	4.38	5.02	4.90	
August	4.47	5.16	3.29	4.76	1.29	6.35	4.99	4.70	1.18	3.49	
September	3.66	3.69	6.49	6.31	5.38	3.27	3.72	3.72	2.02	3.63	
October	1.58	5.44	4.31	8.24	4.20	2.94	5.27	3.92	7.00	6.01	
November	8.68	3.26	6.82	8.74	2.83	2.47	3.82	2.92	6.20	6.75	
December	8.88	6.85	5.06	6.99	7.56	7.09	5.64	8.97	9.98	5.51	
TOTALS	54.48	45.88	44.06	62.25	43.61	41.95	49.13	49.34	47.24	51.68	
	D	D	D	D	D	D	D	D	D	D	

In 3/7/58 G. ground. G. exp. sati-ground flat.

Position of Station on Ordnance One-Inch map :	No. of Map	National Grid Reference				
Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Parish Church.	Distance from gauge

## Summary of Earlier Records from 10-year Sheets :

1916-1950, P (Sub) - accepted

Record D. or d		1910-19	1920-30	1931-40	1941-50	1951-60
		C 1917	✓	✓	✓ imp} 43	✓ but d 50-191
		✓	✓	✓		