

RAINFALL AT Blaingowrie Ballintraum

Lat. $56^{\circ} 41'$ Lon. $3^{\circ} 28'$

County of Perth

Rain Gauge, by N 42

Observer Miss M. A. Macdonald

Aug., 1898 - 15.

Diameter ..											
Height ..	5										
Altitude ..	600°										
Year ..	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	3.77	1.74	5.65	3.65	1.33	5.83	2.18	2.30	4.08		
February ..	1.76	1.76	5.12	4.11	2.24	2.72	2.53	2.47	.80		
March ..	2.69	1.81	7.47	2.55	6.02	1.55	2.20	5.56	3.96		
April ..	(20.00)	2.75	2.64	1.83	3.88	2.37	1.25	3.45	1.17	5.46	
May ..	3.39	1.85	1.45	2.29	2.61	4.52	3.75	2.53	3.27		
June ..	2.89	1.74	2.38	2.20	2.11	.79	4.52	1.78	1.40		
July ..	1.99	2.81	4.85	1.75	1.47	1.40	2.61	2.64	2.27		
August ..	3.29	4.93	3.27	6.23	4.93	5.20	5.22	3.96	2.60	1.58	
September ..	2.57	3.44	3.05	2.91	3.06	1.80	1.95	1.26	5.09	1.72	
October ..	3.97	4.11	2.15	8.07	1.35	2.69	5.17	4.49	5.60	6.42	
November ..	5.01	1.31	6.97	1.50	1.01	6.70	4.43	2.98	3.47	1.21	
December ..	6.19	3.95	7.10	4.80	2.63	2.65	2.58	4.08	2.78	3.04	
TOTALS ..	(41.03)	36.98	36.89	52.26	33.41	37.19	36.91	38.01	37.89	35.21	38.578

*

1902 Kirkandale Church $3\frac{3}{4}$ Miles N.W.1903 Blaingowrie Station $9\frac{1}{4}$ " S.E.

Laurel bush 1 ft high 4 ft S.W.

Jan - Aug 1903 roughly computed for average 4.12

10
5569

RAINFALL at Blaingowrie, Ballintuin House
 County of Perth Observer Miss M. A. Macdonald
 River Basin Tay, Isla 15 J. Petrie
 Rain Gauge, by N. & Z.

Diameter ...	5										
Height	1 4										
Altitude ...	700										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	SUMS. MEANS. 1916-1919
January ...	4.15	1.06	7.12	9.11	2.33	3.69	4.18	1.56	2.54	2.78	11.09
February ...	4.56	2.72	4.82	2.15	6.31	8.92	4.39	.98	4.15	1.35	10.87
March	3.42	1.53	4.59	5.34	5.80	1.97	2.20	3.10	1.12	2.24	8.66
April	3.72	2.42	.40	4.08	1.63	2.25	2.60	1.36	.98	1.48	6.42
May86	2.48	1.35	6.73	2.16	1.35	3.37	2.58	3.77	2.40	12.12
June	1.98	1.79	4.83	1.90	1.75	1.43	2.19	1.51	.98	1.64	6.32
July	3.84	2.30	2.67	.53	3.32	2.86	7.45	1.20	6.43	.62	15.70
August	9.43	2.32	3.83	1.38	3.15	3.68	4.47	5.59	4.88	1.68	16.62
September ..	.89	1.01	2.50	3.25	.80	2.26	1.48	1.69	3.88	2.09	9.14
October ...	2.79	2.79	3.86	2.50	3.21	7.22	6.59	3.84	3.57	1.45	15.45
November ..	3.98	5.14	3.59	3.56	5.34	2.73	6.75	4.07	3.42	5.64	18.93
December ...	6.16	8.57	5.80	1.66	8.86	8.24	4.77	1.32	2.94	6.19	15.22
TOTALS ...	45.78	34.13	45.36	42.19	44.66	46.60	H9 HHA	28.80	38.69	29.61	146.54

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1918 Top of rock garden 13/4 ft high 16ft W.

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1911.			Blaingowrie	9 1/2 mls.	ESE.	Kirkindale	3 3/4 mls.	NW.

RAINFALL at Kirkmichael, Ballintuin House

County of Perth Observer Miss M. A. Macdonald

River Basin Tay - Isla 15-

(Snowdon) Rain Gauge, by N. & J.

(1928) No. 0.

1920. Rock garden' 1½ ft. high 16 ft. w.

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

Reference No.

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge	Direction
1920			Blairgowrie	9 1/4 mi	S. E.	Kirkmichael	3 3/4 mi	N.W.

RAINFALL at *Kircmichael (Bassenthwaite house.)*County of *Perth*.Observer *Eric M. A. Macdonald*.River Basin *15-May-Isle*.

Type of Gauge.

Annual Average *40.3* in. based on *32* years obs. *yr-weighted*. Period of average *1881-1915* Ref. *S*
Completed X/37

Diameter	5.										
Height	1.4.										
Altitude	700.										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	SUMS Mean
January	4.55	5.05	4.01	3.95	1.57	5.23	8.45	7.37	3.75	2.78	46.71
February	3.05	2.21	4.08	3.7	3.82	3.13	4.03	1.71	3.73	3.00	27.10
March	1.19	3.04	2.21	2.78	2.21	3.06	2.18	1.88	3.04	2.85	23.44
April	2.43	4.02	1.76	3.44	3.50	1.71	1.63	1.26	1.74	3.02	22.81
May	4.99	3.47	1.34	2.19	1.53	1.91	2.70	3.34	1.59	1.14	22.20
June	5.06	1.24	1.83	1.08	4.27	1.61	1.53	4.10	1.86	1.23	22.31
July	3.49	3.51	2.97	4.52	1.75	4.83	4.45	4.02	5.12	5.34	39.30
August	1.81	1.84	1.06	3.29	2.33	2.13	4.30	1.99	2.32	1.16	24.23
September	1.05	1.59	2.86	3.50	4.59	4.64	2.01	4.15	2.38	2.15	30.92
October	1.82	7.20	4.04	5.56	6.32	3.02	4.22	6.92	7.22	5.48	51.80
November	9.19	2.30	4.26	5.55	4.17	3.17	5.55	7.20	8.10	7.06	46.54
December	3.12	5.18	1.53	8.19	3.67	4.90	3.19	4.88	3.13	3.07	40.26
TOTALS	42.35	38.65	31.41	43.42	37.73	37.34	39.24	46.82	43.98	37.28	398.22
	D	D	D	D	D	D	D	D	D	D	

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

BRITISH RAINFALL ORGANIZATION, EXHIBITION ROAD, LONDON, S.W.7.

Station No.....

5569

RAINFALL at Kirkmichael (Ballintuin House) 41
 County of Perth
 River Basin 15 - Tay - Isla
 Type of Gauge.....

Observer Miss M.A. Macdonald.

Annual Average 40.3 in. based on 32 years obs. un-weighted. Period of average 1881-1915 Ref. S. X/37

File No.

Diameter	5				876	395					
Height	14					1					
Altitude	700					41					
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	50 yrs Means
January	3.36	3.85	6.33	3.64	3.75	4.58	5.98	7.03	2.38	2.87	43.77
February	5.73	1.95	2.88	1.01	3.93	2.56	2.56	3.47	2.90	3.04	30.03
March	1.83	4.00	1.46	0.59	1.73	2.17	3.75	2.23	1.74	2.23	21.73
April	1.61	3.70	2.18	2.34	1.32	1.43	5.46	1.41	2.11	2.82	23.38
May	2.35	5.25	2.46	2.60	4.72	2.08	4.39	3.55	2.97	1.62	31.99
June	0.68	.96	2.20	2.76	3.30	3.39	3.41	4.53	2.17	1.49	24.89
July	2.86	2.26	2.03	3.09	3.40	4.25	6.73	2.95	1.72	5.34	34.63
August	3.08	5.37	5.71	2.32	1.76	3.80	.09	6.21	3.24	5.60	37.18
September	2.64	4.28	4.82	3.44	4.65	4.94	4.12	2.65	1.31	6.44	39.26
October	4.08	2.54	6.28	4.68	5.36	.33	2.42	3.81	5.07	2.32	36.89
November	6.49	0.84	1.88	4.71	1.58	6.77	3.20	1.44	5.21	3.50	35.62
December	3.10	5.14	2.08	4.54	7.07	4.94	1.16	7.42	4.47	2.12	42.04
TOTALS	37.81	40.14	40.31	35.72	42.57	40.24	43.27	46.70	35.29	39.36	401.41
	D	D	D	D	D	D	D	D	D	D	

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

BRITISH RAINFALL ORGANIZATION

Station No. 5969

51

RAINFALL at Kirkmichael (Ballintum House)

County of Perth

Observer Miss Louise Macdonald

River Basin Tay - Fala - 15

W H. Bell, Esq.

Type of Gauge.

Annual Average 40.3 in. based on 32 years obs. un-weighted. Period of average 1881-1915 Ref. 6
 40.86 - " 35 " 1916-1950 P
 File No.

Diameter ...	5 in				876	295				
Height ...	1 ft 4 in					1				
Altitude ...	700'					51				
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	Means
January	3.92	2.29	0.52	3.21	2.24					
February	4.04	1.07	0.78	4.37	2.20					
March	2.06	3.79	0.50	3.58	1.43					
April	2.16	1.76	1.65	1.04	1.21					
May	1.64	4.13	2.22	5.12	1.71					
June	2.10	1.79	2.32	1.99	2.06					
July	2.25	1.63	4.24	3.17	0.65					
August	5.69	2.87	2.08	3.64	0.78					
September	3.09	0.57	3.92	5.46	1.38					
October	1.23	4.97	2.44	6.74	2.91					
November	11.23	2.23	3.40	9.62	2.90					
December	4.16	2.34	4.23	5.05	7.34	#				
TOTALS ...	43.47	29.44	28.30	52.99	26.93					
	D	d	d	d	d					

g. moved to Kirkmichael (Bald Hill [55 69 1])

1950 terminated. no records mid since 1956.

Position of Station on Ordnance One-Inch map : No. of Map National Grid Reference N[537] 167 245

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
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