

RAINFALL AT

Blairgowrie Ballintuin

Lat. $56^{\circ} 41'$

Lon. $3^{\circ} 28'$

County of Perth

Rain Gauge, by N. 47

Observer Miss M. A. Macdonald

Jan. 1890 - 15.

Diameter ..		5										
Height								1 4				
Altitude ..	650											
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.	
January ..		3.77	1.74	5.65	3.65	1.23	5.23	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	2.54	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 Kirkcandall Church $3\frac{3}{4}$ miles N.W.

1903 Blairgowrie Station $9\frac{1}{4}$ " S.E.

Samuel Bush 1 ft high 4 ft S.W.

Jan - Feb 1900 roughly computed for average 11.2

RAINFALL at

Blairgowrie, Ballintuin House

5569

County of Perth

Observer Miss M. A. Macdonald
J. Petrie

River Basin Tay, Isla 15

Rain Gauge, by N. & L.

Diameter ...	5											
Height	1 4											
Altitude ...	700											
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	SUMS MEANS. 1910-1919	
January	4.15	1.06	7.12	9.11	2.33	3.69	4.18	1.56	2.57	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	
May	.86	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	7.43	2.32	3.83	1.38	3.15	3.68	4.47	6.59	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	5.75	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	49.44	28.80	38.69	29.61	146.54	

1918 Top of rock garden 13 1/4 ft high 16 ft W.

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1911.			Blairgowrie	9 1/4 mls.	ESE.	Kirkcubrecht	3 3/4 mls.	NW.

RAINFALL at Kirkmichael, Ballintuin HouseCounty of PerthObserver Miss M. A. MacdonaldRiver Basin Lay-Isle 15-Snowdon Rain Gauge, by N. S. J.

(1928) M. O.

Diameter ...	5"			5									
Height	1 4			1 4									
Altitude ...	700			700									
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MEAN:		SUMS
January ...	4.71	4.34	7.99	3.61	2.85	3.31	7.18	5.19	9.69	1.66	5.19		55.72
February ...	3.86	.81	4.77	10.46	1.75	5.51	5.92	2.02	3.06	3.32	1.57		43.05
March	3.87	4.42	2.13	2.15	.57	1.37	1.65	3.62	7.66	.42	1.86		29.72
April	1.23	1.10	2.76	3.39	2.72	4.07	2.48	1.85	1.77	1.10	2.25		24.72
May	4.04	2.94	1.74	1.79	4.51	5.06	2.96	3.42	1.39	3.53	1.84		33.22
June	1.11	.82	1.29	.54	2.01	.45	3.67	3.00	2.73	1.77	2.86		19.75
July	2.11	3.61	3.36	2.82	4.74	4.05	2.24	4.86	1.31	3.03	2.48		34.61
August	4.09	5.57	3.36	6.35	4.86	4.20	2.26	7.81	5.10	4.53	8.17		56.30
September...	2.83	1.42	2.94	4.79	4.16	2.80	3.59	3.66	3.58	1.39	4.71		35.87
October	4.87	3.16	1.60	5.59	4.08	4.44	5.08	6.39	6.47	4.86	5.40		51.94
November...	4.10	4.51	1.74	3.11	3.19	1.43	9.09	4.07	5.01	4.35	4.94		45.54
December...	6.50	3.68	4.22	3.83	7.09	4.33	1.09	2.45	3.96	9.21	6.97		53.33
TOTALS...	43.32	36.38	37.90	48.43	42.53	41.02	47.21	48.34	51.73	39.17	47.74		483.77
	D	D	D	D	D	D	D	D	D	D	D		

1920. Rock garden 1 1/2 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 from gauge	Parish Church.	Distance from gauge	Direction from gauge
1920			Blairgowrie	9 1/4 mi	S. E.	Kirkmichael	3 3/4 mi	N. W.

RAINFALL at Stromichael (Bassington House.)County of Perth.Observer Miss M. A. Macdonald.River Basin 15-4ay-Isle.

Type of Gauge.....

Annual Average 40.3 in. based on 32 years obs. yr.-weighted. Period of average 1881-1915 Ref. 5
computed X137

Diameter	5.											
Height	1.4.											
Altitude	700.											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	SUMS	Means
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	.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	.88	3.04	2.85	23.44	
April	2.73	4.02	1.76	3.44	3.50	.71	1.63	.26	1.74	3.02	22.81	
May	4.99	3.47	1.34	2.19	.53	.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	.23	22.31	
July	3.79	3.51	2.97	4.52	.75	4.83	4.45	4.02	5.12	5.34	39.30	
August	1.81	1.84	1.06	5.29	2.33	2.13	4.30	1.99	2.32	1.16	24.23	
September	1.05	1.59	2.86	5.50	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	.55	4.17	3.17	.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	40.86	
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.	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	Parish Church.	Distance from gauge	Direction

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

Station No.

5569

RAINFALL at Kirkmichael (Ballintuin House) 41County of PerthObserver Miss M.A. Macdonald.River Basin 15 - Tay - Isla

Type of Gauge.....

Annual Average 40.3 in. based on 32 years obs. un-weighted. Period of average 1881-1915 Ref. S x27

File No.

Diameter	5				876	295					
Height	14					1					
Altitude	700					41					
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	SUMS 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	6.41	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 D	40.14 D	40.31 D	35.72 D	42.57 D	40.24 D	43.27 D	46.70 D	35.29 D	39.36 D	401.41

Position of Station on reduced Ordnance Survey Map, } No. of Map.....

1 mile to 1 inch Series

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.

5269

RAINFALL at Kirkmichael (Ballintuin House)

51

County of

Perth

Observer

Miss Louise Macdonald

River Basin

Fay-Lake-15W. H. Bell, Esq.

Type of Gauge

Annual Average 40.3 in. based on 22 years obs. un-weighted.

Period of average

1881-1915 Ref. 540.86 " " 35 " " 1916-1950

File No.

P

Diameter ...	5 1/2"				876	295					
Height ...	1' 4"					1					
Altitude ...	700'					5				2	
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	3.82	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	1.77						
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	2.97						
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 (Dodd Hill) [556911]

1960 terminated. no records made since 1956.

Position of Station on Ordnance One-Inch map :

No. of Map.....

National Grid Reference NO(32)167545

Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction 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
	<u>✓</u>	<u>✓</u>	<u>✓</u>	<u>✓</u>	