

RAINFALL AT Blair Atholl

Lat. _____

Lon. _____

County of Perth

Rain Gauge, by _____

Observer W. A. Cameron

Jay. Tunnel - 14.

Diameter	5										
Height	1. 0										
Altitude	423T			420							
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January	1.42	.34	3.09	1.31	5.13	2.53	3.53	3.28	2.14	2.26	2.503
February	4.65	2.72	3.17	2.05	4.48	4.58	1.21	2.86	.34	1.91	2.797
March	2.66	1.87	3.71	2.19	4.60	1.76	2.71	1.30	3.00	1.48	2.528
April	2.33	.81	2.09	1.72	1.05	2.04	2.01	1.39	1.27	3.18	1.789
May	1.28	2.15	2.15	1.26	2.05	3.44	2.51	.46	3.52	2.22	2.104
June	1.90	2.71	2.92	2.36	.43	.65	.99	.57	2.35	.52	1.534
July	4.69	2.46	3.86	5.04	5.11	.59	2.94	1.78	3.96	2.21	3.264
August	1.14	2.47	1.87	3.61	4.04	2.70	1.06	2.21	1.90	4.39	2.539
September....	1.38	2.61	2.67	2.73	1.62	4.67	3.53	2.75	.50	.81	2.324
October	1.11	3.56	3.67	3.94	3.05	2.33	3.08	1.23	3.29	3.27	2.853
November....	1.19	6.75	4.07	4.91	3.27	2.47	3.15	2.48	6.02	1.16	3.547
December ....	.76	2.88	3.80	3.18	4.02	2.46	2.23	2.04	2.92	2.82	2.711
TOTALS	24.48	31.33	37.07	34.30	38.85	30.27	28.95	22.29	31.21	26.23	30.493

1880 Blair Atholl 600 yards N.E.

1881 no observations

1882 fence 4 ft. high 20 ft. S.W.

method of computing missing years.

Each month reduced from 3 months on ratio $\frac{23}{100}$ } averaged.
 " Delmarford - $\frac{5}{100}$

N.B. The agreement between the values from the two was remarkable on the whole.

cs 21. x. 07.

RAINFALL AT Blairathol The Store

Lat. _____

Lon. _____

County of _____

Perth

Rain Gauge, by _____

Observer _____

M. A. Cameron

Taz. Tammel - 14

Diameter	5										
Height	10										
Altitude	420										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	7.69	2.05	2.57	2.20	7.30	2.68	1.99	1.10	1.82	4.17	3.357
February	1.13	.45	1.41	4.15	7.42	.60	1.06	2.05	3.20	2.52	2.399
March	2.88	2.41	.56	.83	3.14	1.14	2.93	4.52	.57	1.97	2.095
April	1.76	1.63	.66	1.21	1.04	2.02	1.82	2.28	3.48	3.67	1.957
May	1.87	1.88	2.67	.87	1.44	.35	.68	1.74	1.54	2.80	1.584
June	2.62	.96	2.27	1.81	1.84	2.33	3.12	1.44	2.26	1.86	2.051
July	2.79	2.65	2.07	2.11	2.79	3.45	2.15	1.70	.97	2.89	2.357
August	2.04	5.17	4.25	3.70	4.04	6.23	1.54	7.36	3.25	.90	3.848
September...	2.43	2.41	3.49	1.65	.22	1.35	3.72	1.82	3.53	4.44	2.506
October	2.74	4.78	3.64	3.01	2.44	2.54	2.91	2.10	4.17	1.41	2.974
November...	4.76	3.50	3.48	2.81	2.33	4.95	.97	2.26	3.37	4.86	3.329
December ...	.93	5.09	1.04	4.02	3.16	3.91	4.94	4.57	6.20	3.35	3.721
TOTALS	(3364)	32.98	28.11	28.37	37.16	31.55	27.83	32.94	34.36	34.84	(32.178)

Method of computing 1890.

Each month reduced from Immermann ratio $\frac{83}{100}$ } averaged
 Delmaspidal = $\frac{5}{100}$

NB The agreement (in 80's + 90's) between the values from the two was remarkable on the whole. Ch. 21 x 0.9

RAINFALL AT *Blair Atholl*

Lat.

Lon.

County of *Perth*

Rain Gauge, by

Observer *Mr. Cameron*

Day. *Summer - 14.*

Diameter ..	5										
Height	10										
Altitude ..	420										
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	2.98	2.81	2.07	5.82	3.39	1.37	4.68	2.46	2.50	4.48	3.256
February ..	2.07	1.07	.91	5.91	2.58	2.29	3.31	3.47	2.54	.57	2.172
March ....	.90	2.16	1.66	7.02	1.67	4.76	2.22	2.20	3.93	1.65	2.817
April	2.38	2.03	2.44	1.11	4.01	2.17	1.30	3.31	1.34	3.69	2.378
May	3.22	1.96	1.54	1.66	1.45	1.55	4.74	2.90	2.09	2.65	2.376
June	3.03	2.69	1.30	2.25	1.97	2.71	.58	3.25	1.67	1.21	2.066
July	2.69	2.04	1.75	3.42	1.77	1.48	2.65	1.66	2.57	2.91	2.294
August	2.11	3.35	2.24	5.32	4.13	3.43	4.12	4.06	2.73	1.74	3.323
September ..	2.90	3.97	2.60	2.98	3.44	2.03	1.79	1.13	3.78	1.39	2.601
October	3.37	3.79	1.48	6.45	.91	2.44	5.52	2.75	1.91	6.43	3.505
November ..	3.56	1.51	5.05	2.00	1.63	3.80	4.29	2.15	2.95	1.77	2.871
December ..	6.03	3.43	4.41	3.03	3.33	2.30	2.54	3.26	3.34	2.33	3.400
TOTALS ..	35.24	30.81	27.45	46.97	30.28	30.33	37.74	32.60	31.35	30.82	33.359

1905 Blair Atholl Station 200 yards H.W.

RAINFALL at

Blair Atholl

County of Perth

Observer Mr. A. Cameron
Mr. D. McClellan (1912)

River Basin Tay-Tummell 14

B.A.

Rain Gauge, by

old maly

4.99
4.95
4.96

1/20

1920

M.O. 7/11/20

.010 .102 .203 .404 .508

? found to be correct on inspection at L.R.

Diameter ...	5											
Height	1 0											
Altitude ...	420											
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.	
January ...	5.24	1.24	6.29	4.82	3.50	3.93	4.52	1.78	1.51	2.31	3.514	
February ...	3.97	2.87	2.92	2.57	5.48	6.32	4.44	4.44	4.24	.97	3.422	
March	2.00	1.38	3.65	5.37	4.23	1.84	1.11	1.52	1.19	2.66	2.495	
April	3.04	2.42	.58	3.15	2.23	2.31	1.76	1.09	.74	2.70	2.002	
May .....	.82	1.30	1.71	4.01	1.58	1.07	3.60	1.97	3.84	(1.10)	2.100	
June	2.69	1.75	3.62	1.72	1.18	2.54	1.55	2.06	.64	(1.31)	1.906	
July	4.16	1.87	1.61	.43	2.93	2.84	6.77	1.20	5.49	(.40)	2.770	
August	6.79	2.53	3.27	1.01	3.09	3.76	3.00	4.48	2.08	(2.00)	3.201	
September ..	.92	.51	1.68	2.59	1.13	1.89	1.28	1.92	3.92	(3.20)	1.899	
October ...	1.92	2.64	2.85	2.12	1.34	3.86	6.84	4.16	4.40	(.70)	3.083	
November ..	2.76	5.36	4.07	3.69	5.71	3.31	5.68	4.15	3.25	(5.25)	4.323	
December ...	4.24	6.79	7.85	1.88	7.91	5.57	3.88	1.28	2.76	(5.90)	4.800	
TOTALS ...	38.55	30.66	40.10	33.36	40.31	39.24	44.32	26.05	34.06	(28.50)	35.575	

+ Imped. Cal. 2/20

P. in small grass plot in corner of garden.
2 wild plum trees, 20 ft high 40 ft N

* (1919) Imped. Cal. (November 1920)

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.

RAINFALL at Blair AthollCounty of PerthObserver G. Forrest EsqRiver Basin Tag Tunnel 14.

Rain Gauge, by _____

Diameter ...	5"										
Height	1 0										
Altitude ...	420										
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	MEANS.
January ...	(5.00)	4.45	5.26	5.88							
February ...	4.02	.76	3.33	6.89							
March	3.25	4.90	1.73	1.71							
April	1.46	.67	2.25	3.16							
May	2.16	2.09	1.88	1.78							
June	1.60	.61	1.26								
July	2.28	2.68	3.39								
August	2.85	4.11	2.23								
September...	2.25	1.75	1.71	(2280)							
October	3.97	2.38	1.18								
November...	4.10	2.53	1.58								
December...	4.02	5.03	3.98								
TOTALS...	(36.96)	31.96	29.78	(40.22)							

1920. Gauge inspected B.C. June. see previous sheet
gauge estd. from map.1923 completely reset
from Blair Castle
9/3Position 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			Blair Atholl	1007ds	N.W.	Blair Atholl	2007ds	N.E.

Blair Atholl

RAINFALL at Blair Castle Gardens

County of PerthObserver John DicksonRiver Basin Tay-Tummel 14.for Wm. & J. AthollBlower Rain Gauge, by

Diameter ...	5			5							
Height	1 0			1 0							
Altitude ...	500			500							
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930. MEANS.
January ...		4.85	5.49	4.26	2.57	3.60	6.48	4.35	9.24	1.36	5.52
February ...		6.9	3.28	7.38	1.38	5.44	4.11	1.26	3.55	1.75	5.5
March		4.06	1.84	1.63	5.6	2.13	2.55	2.62	6.16	1.66	1.80
April		5.8	2.52	3.13	1.76	2.75	2.01	2.01	8.5	1.41	1.73
May		1.92	2.04	1.91	2.98	4.62	2.86	2.21	1.13	2.58	1.55
June		6.2	1.46	1.80	1.73	5.0	2.45	2.61	2.75	1.65	2.43
July	inf	2.86	3.38	2.75	4.73	2.38	2.10	5.77	1.16	2.39	1.77
August	2.56	4.16	2.18	5.35	4.78	2.94	2.73	4.25	5.47	3.12	5.79
September...	2.36	1.81	1.70	3.15	4.72	2.69	2.64	4.10	3.75	1.28	3.68
October	5.72	2.54	1.15	5.25	4.25	3.63	5.54	4.38	5.82	4.17	5.80
November...	4.14	2.49	1.59	3.46	2.37	1.72	5.64	2.92	5.03	3.61	4.30
December...	3.81	4.98	3.77	2.56	6.36	3.59	1.69	1.34	3.49	9.03	4.62
TOTALS...		32.46	30.40	41.63	38.19	34.69	40.80	38.52	47.60	32.91	39.04

Existed Co. 7.20 4. in circ. few ledged gales in case of moderate gales.
 sheltered but very good.

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

RAINFALL at Blair Athol (Blair Castle Gardens)County of PerthObserver M. J. DicksonRiver Basin 14 - Tay - Tummel

Type of Gauge

Annual Average 33.6 in. based on 4 years obs. un-weighted. Period of average 1881-1915. Ref. A. W. S.
2 in. of N. working charts

Diameter	5.										
Height	1.0										
Altitude	500.										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	3.47	4.43	4.46	4.44	1.54	2.94	8.72	5.90	2.73	1.41	
February	2.63	.14	4.31	.53	4.13	1.66	3.05	1.97	2.93	1.58	
March	.89	2.71	1.41	1.70	2.14	1.69	1.72	1.51	2.78	2.68	
April	1.54	3.73	1.55	2.02	2.88	.65	.67	.46	1.78	2.16	
May	4.32	2.80	1.52	2.78	.60	.87	2.68	2.80	.99	1.37	
June	4.32	.73	.73	1.00	5.98	1.60	1.41	4.04	1.38	.54	
July	5.65	4.38	2.70	3.41	.67	4.99	4.24	4.73	5.40	3.57	
August	1.09	1.82	1.51	4.25	2.30	2.66	2.76	2.39	1.70	1.37	
September	1.27	1.92	1.89	5.08	4.60	2.95	2.36	3.76	2.83	1.54	
October	2.29	6.62	3.78	5.63	5.63	3.86	2.62	6.50	5.08	4.94	
November	6.40	2.49	3.29	.29	4.33	2.69	.61	7.52	5.42	5.12	
December	2.84	5.05	.73	6.42	1.86	5.24	1.00	3.48	1.97	3.77	
TOTALS	36.71	36.82	27.88	37.55	36.36	31.80	32.50	45.06	34.99	30.05	
	D.	2	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	Direction from gauge

Station No.

5564

RAINFALL at Blair Atoll (Blair Castle Gdw)

41

County of PertaObserver Mr. J. DicksonRiver Basin 14 - Tay - TunnelMr. B. D. AllanType of Gauge SnowdonThe Filton Mr. A. B. KugindAnnual Average 33.6 in. based on 14 years obs. un-weighted. Period of average 1881-1915 Ref. Av. W. Se.

7-3-1916

File No.

Diameter	5"				869	364					
Height	1' 0"					1					
Altitude	500'					41					
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	1.15	3.61	5.27	4.02	3.81	4.17	5.46	4.73	(2.80)	2.93	
February	3.48	1.79	3.23	1.38	4.16	3.34	.88	3.90	(2.90)	4.87	
March	1.30	2.99	1.80	.86	2.03	1.08	2.12	2.11	(2.00)	2.17	
April	1.25	2.72	2.86	2.38	1.12	.51	4.92	*2.51	(2.80)	2.48	
May	2.18	3.91	2.46	2.10	5.39	1.84	3.74	3.00	(2.70)	1.21	
June	0.76	1.21	2.99	3.21	2.93	2.45	3.49	(3.50)	(1.60)	1.26	
July	2.84	2.23	2.09	3.12	3.32	3.67	4.66	2.00	(1.60) Imp.	3.26 ⁷⁴	
August	4.98	3.80	4.49	2.99	1.65	3.35	0.04	7.30	3.48	4.70	
September	2.01	4.17	3.51	2.93	5.46	4.10	4.27	3.60	.96	5.42	
October	3.72	3.60	5.91	4.13	3.73	.30	1.85	(4.00)	4.41	2.52	
November	5.56	1.11	2.72	4.57	.94	5.04	4.64	(2.00)	3.73	2.72	
December	3.51	5.23	2.18	4.01	5.52	3.97	1.83	(6.90)	7.16	1.89	
TOTALS	32.74	36.37	39.51	35.70	40.06	33.82	37.90	45.55	36.14	35.91	
		2	0	0	0	0	0	imp. n.p.	Imp.	0	
								0.8774	0.0404		

1948. no records since May, perhaps assuming in 1949.
 1949. inspected in order to rectify readings (5.7.49) see back of sheet.

↑
 21
 5563
 2/67

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

RAINFALL at Blair Atholl (Blair Castle Gdns) Station No. 5564 51
 County of Perth Observer Mr. C. P. B. Duguid
 River Basin Tay - Linnard - 14
 Type of Gauge Snowdon

Annual Average 33.6 in. based on 4 years obs. ~~un~~-weighted. Period of average 1881-1915 Ref. B.N.S.
358

File No.

Diameter ...	5 1/2"				869	364						
Height ...	1' 0"						1					
Altitude ...	500'			450'		51	450'					
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means	
January ...	2.75	3.35	1.35	3.23	1.43	2.34	5.11	2.97	2.17	2.67		
February ...	2.89	1.19	1.02	2.88	2.47	2.12	3.62	2.33	.77	3.52		
March ...	1.46	2.13	1.11	2.13	0.67	2.28	3.41	1.21	2.75	1.51		
April ...	2.13	1.41	1.67	0.88	0.91	0.75	.88	.96	2.79	3.53		
May ...	1.77	2.71	2.45	4.39	2.26	1.71	1.91	2.90	.92	1.92		
June ...	1.68	2.65	2.61	1.58	1.24	2.49	1.37	2.74	1.86	1.98		
July ...	2.61	1.81	2.44	2.51	.50	4.06	4.10	3.91	4.23	2.12		
August ...	4.71	2.38	1.54	3.74	1.19	5.36	2.92	4.86	1.23	2.95		
September ...	2.56	.98	3.39	3.35	1.81	6.90	2.17	4.97	1.21	2.79		
October ...	1.19	3.90	2.27	5.13	3.46	2.69	2.17	2.80	5.13	3.50		
November ...	8.52	2.20	3.43	8.11	1.98	1.43	.66	.67	4.63	3.68		
December ...	4.18	2.37	4.09	5.32	6.24	5.69	3.45	4.23	6.58	3.92		
TOTALS ...	36.45	27.08	27.37	43.25	24.15	36.82	31.77	34.75	34.27	34.09		
	D	D	D	D	D	D	D	D	D	D		

Ins. 28.7.59 - moderate. Trees on ridge. NW-NW 30°-35° - effect should be negligible. G. was moved to present site in summer 1954 - about 1/2 mile south of earlier site.

Position of Station on Ordnance One-Inch map :

No. of Map.....

National Grid Reference RT/844658

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
		Cmp 1920	✓	✓ but imp. 48, 49	