

RAINFALL AT Blair Athole

70

Lat. Lon. County of Perth
Rain Gauge, by M² Observer A. Cameron

Tay, Tunnel - 14.

RAINFALL AT Blair Atholl

Lat.

Lon.

County of Perth

Rain Gauge, by

Observer M. A. Cameron

Tay. Tunnel - 14.

Diameter	5										
Height	1.0										
Altitude	4237										
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January	1.42	3.4	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	1.34	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	2.83	1.81	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	1.46	3.52	2.22	2.104
June	1.90	2.71	2.92	2.36	4.3	65	99	.51	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	1.85	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)	(26.22)	(30.493)
	+	+	+	+	+	+	+	+	+	+	+

1880. Blair Athole 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 Greenwich mean ratio $\frac{87}{100}$ } arranged.
 - - Delnafidale - $\frac{57}{100}$ }

N.B. The agreement between the values from the two was remarkably entire
 whole. c. 21. x. 09.

RAINFALL AT Blair Athol The Stove

Lat.

Lon.

County of

Perth

Rain Gauge, by

Observer

Mr Cameron

Tay Tunnel - 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
December93	5.09	1.04	4.02	3.16	3.91	4.94	4.57	6.20	3.35	3.721
TOTALS	(33.64)	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 Inverbrae ratio $\frac{83}{100}$ } arranged
 Delvaspindal - $\frac{57}{100}$ } arranged

N.B. The agreement (in 805 + 90) between the values from the two was remarkable on the whole Ch. 21 x 09

RAINFALL AT Blaithall

Lat.

Lon.

County of

Perth

Rain Gauge, by

Observer Mr A. L. Agnew

Day - Tunnel - 14.

Diameter ..	5										
Height ..	10										
Altitude ..	420										
Year ..	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	M. MEAN.
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	3.81	3.47	2.54	.57	2.472
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	1.80	3.01	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 Blaithall Station 200 yards N.W.

RAINFALL at Blair Atholl

County of Perth

Observer Mr. A. Cameron

River Basin Tay-Tummel 14

Mr. D. McLachlan (1912)

Ba. Rain Gauge, by

old ready

$$\begin{array}{r} 4.99 \\ 4.98 \\ 4.97 \\ 4.96 \\ 4.95 \end{array} \left[\begin{array}{r} 1 \\ 20 \\ 100 \end{array} \right] \begin{array}{r} 4.98 \\ 4.97 \\ 4.96 \\ 4.95 \end{array}$$

M.O. 4600) .010 .102 .203 .404 .508

? found to be correct on re-measurement
at S.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	
May82	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	1.65	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)	2.720	
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	1.23	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)	35515	

D D imp. D D D imp. D

+ Impediment Col. $\frac{1}{20}$ 9. is small pool. 10ft. is cone of garden.
 * 1919 Drained out (Scotlabn 1920) 2 wild plum trees, 20 feet high each. N

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

RAINFALL at Blair AthollCounty of PerthObserver. G Forrest EsqRiver Basin Tays - Tummel 14.Rain Gauge, by

Diameter ...	5"									
Height	1 0									
Altitude ...	420									
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	MEANS.
January ...	(5.00)	4.45	5.26	3.88						
February ...	4.02	.76	3.33	6.87						
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	(2.80)						
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 C.S. June. see previous sheet
Jan. estd. from map.1923 completely restd.
from Blair CastlePosition 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	100yds	N.W.	Blair Atholl	200yds	N.E.

Blair Atholl

RAINFALL at Blair Castle Gardens

County of Penl

Observer John Dickson

River Basin Tay-Tummel 14

for Duke of Atholl

Snowdon Rain Gauge, by

Diameter ...	5		5								
Height	10		10								
Altitude ...	500		500								
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	MEANS.
January ...	4.85	5.49	4.26	2.57	3.60	6.48	4.85	8.44	1.36	5.52	
February ...	69	3.28	7.38	1.38	5.64	11.11	1.26	3.55	1.75	.55	
March	4.96	1.84	1.63	.56	2.13	2.55	2.62	6.16	.66	1.80	
April58	2.52	3.13	1.76	2.75	2.01	2.01	.85	1.41	1.73	
May	1.92	2.04	1.91	2.98	4.62	2.84	2.41	1.13	2.58	1.55	
June62	1.46	.80	1.73	.50	2.45	2.61	2.75	1.55	2.43	
July	286	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	
September...	2.36	1.81	1.70	3.15	4.72	2.69	2.64	4.10	3.75	1.28	
October....	3.72	2.54	1.15	5.25	4.25	3.63	5.54	4.38	5.82	4.17	
November...	4.4	2.49	1.59	3.46	2.37	1.72	5.64	2.92	5.03	3.61	
December...	3.81	4.98	3.77	2.56	6.36	3.59	1.69	1.34	3.49	9.03	
TOTALS...	32.46	30.40	41.63	38.19	34.69	40.80	38.52	47.60	32.91	39.04	

Erected Co. 7-20. 9' in circ. Few hedged gates in state of mere shell gates - sheltered but very good.

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	Parish Church.	Distance from gauge

RAINFALL at Blair Atholl (Blair Castle Gardens)

County of Perth

Observer Mr J. Dickson.

River Basin 1/4 - Tay - Tummel.

Type of Gauge

Annual Average 33.6 in. based on 4 years obs. un-weighted. Period of average 1881-1915 Ref. A.Y.W.S.
* No N. weighting checks

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	6.90	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	4.88	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	6.63	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	5.62	5.12		
December	2.84	5.05	.73	6.42	1.56	5.24	1.66	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.											

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

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

869364

5564

41

RAINFALL at Blair Atoll (Blair Castle Edw.)

County of Perth

Observer Mr. T. Dickson

River Basin 14 - Tay - Tummel

Mr. R.D. Allan

Type of Gauge Standard

The 7th Form Mr. A.B. Lugard

Annual Average 33.5 in. based on 44 years obs. un-weighted. Period of average 1881-1915 Ref Av. W. Sl.

73.62 in.

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)	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	1.86	(4.00)	4.41	2.52	
November	5.56	1.11	2.72	4.57	2.94	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	2	D	D	D	D	D	Imp.	Imp.	D	
									0040+		

1948. no records since May, perhaps resuming in 1949.

1949. inspected in order to rectify readings (5.7.49) see back of sheet.

↑
5564
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

Station No. 5564

RAINFALL at Blair Atholl (Blair Castle Edno.)

51

County of Perth

Observer Mr. C. P. Duguid.

River Basin Tay - Lummel - 14

Type of Gauge Snowdon

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

358

File No.

Diameter ...	5 5"				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	0.89	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	48.25	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. G. moderate. Lives on ridge. NW-NE 20°-35° - effect should be negligible. G. was moved to present site in summer 1954 - about $\frac{1}{4}$ mile south of earlier site.

Position of Station on Ordnance One-Inch map : No. of Map National Grid Reference Z7/864658

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 :

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
		Cimp 1920 ✓	✓	✓ but imp. 48,49 ✓	