

Bonar

RAINFALL at Glenburn Lodge No. 1

County of Perth.

Observer A. M. Lauchlan

River Basin Tay-Tummel 14.

Cast Iron Rain Gauge, by N.G.S.

Diameter ...	5		5								MILES.
Height	10		10								
Altitude ...	1600		1600								
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	
January ...	5.38	5.84	5.55	2.41	6.58	7.55	7.27	9.22	1.31	6.61	
February ...	1.16	3.56	7.48	1.66	6.44	4.57	2.08	5.30	1.81	.58	
March	6.45	1.86	1.89	5.5	2.14	2.98	4.28	5.01	1.16	2.12	
April	6.4	3.99	3.05	1.69	4.87	2.91	3.19	1.52	1.95	2.20	
May	(4.16) 3.26	3.53	4.91	4.76	6.76	4.08	3.82	2.30	4.28	2.53	
June	1.22	.98	2.41	1.49	2.27	.71	3.65	4.79	4.62	2.79	2.59
July	3.61	2.90	4.89	2.96	5.96	3.45	2.48	6.79	2.61	4.92	2.75
August	3.44	5.32	3.27	6.19	4.95	3.24	4.01	4.46	6.73	5.65	6.51
September...	2.67	2.27	2.29	5.22	6.14	3.68	3.33	7.23	4.64	2.40	6.61
October.....	4.35	3.81	2.05	7.06	4.06	4.23	6.30	5.37	7.39	7.08	8.21
November...	6.04	2.92	2.60	2.07	3.17	1.27	4.66	4.37	6.74	5.64	6.02
December...	4.98	5.84	5.42	2.53	7.33	5.16	2.21	1.03	4.41	9.70	5.04
TOTALS...	40.93	41.71	51.40	45.45	48.53	51.73	54.68	60.29	48.69	50.77	
	D	D	D	D	D	D	D	D	D	D	

Inspected Cl. 9.7.20

1920. May purchased

200 yds. S of Lodge seen top of bank

slopeing 10 ft. S. To be moved to level
place above 100 yds. W. Fair open exposure

Intelligent observer

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 from gauge	Parish Church.	Distance from gauge

RAINFALL at Glenburn Lodge No. 2.County of Percy.Observer A. McLauchlan.River Basin Tay-Tummel 14Cent. London Rain Gauge, by N.B.

Diameter ...	5											1980.	MEANS.
Height	10												
Altitude ...	1600												
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1980.		
January ...	5.98	6.06	6.15	2.63	6.86	6.15	6.75	8.74	1.65	6.96			
February ...	1.26	3.87	8.78	2.17	7.20	4.93	2.12	5.09	2.01	.77			
March	6.97	2.12	2.17	.61	2.27	3.18	4.53	5.08	1.25	2.84			
April.....	.93	4.43	3.34	1.85	5.09	2.86	3.20	1.42	1.99	2.30			
May	(4.20)	3.46	3.82	5.75	4.91	6.49	4.13	3.62	1.78	4.49	2.68		
June	1.29	.99	2.77	1.53	2.31	.71	3.82	4.30	3.53	2.78	2.52		
July	3.57	2.95	4.98	2.99	6.11	3.41	2.52	6.58	1.76	5.02	2.75		
August	3.52	5.37	3.37	6.30	5.01	3.19	4.09	4.21	5.50	5.73	6.65		
September...	2.70	2.25	2.31	5.55	6.22	3.59	3.26	6.33	3.49	2.39	5.56		
October.....	4.70	3.94	2.10	7.25	4.13	4.40	6.24	4.83	5.14	7.12	8.36		
November...	6.47	3.08	2.79	3.39	3.35	1.37	7.50	3.74	4.88	6.32	6.64		
December...	5.42	6.13	6.65	3.00	8.16	5.29	2.20	1.14	2.66	10.61	5.84		
TOTALS...	45.21	44.27	56.20	47.46	49.87	50.67	51.35	49.20	51.36	53.87			
	D	D	D	D	D	D	D	D	D	D	D		

1920 May part. Impacted Cr. 47-20. Nearly level at bank 30 yds.
 drops 30ft to stream. About 100 yds. N. of lodge.
Probably as good a site as possible.

1928 Leak repaired to Edinburgh
new gauge 12/28.

Intelligent observer

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	Direction

RAINFALL at Glen Bruar (Bruar Lodge) No. 1.

County of Perth.

Observer A. McLaughlin. Rec Dec 1933

River Basin. re - Tay - Tummel

A. McKillop

Type of Gauge

Meas. Balfour Beatty & Co.

44.9

Annual Average 41.7 in. based on 12 years obs. un-weighted. Period of average

1921-1935

Ref.

P.8.375

average not to be used 31.39 1/2.

Diameter	5											
Height	1.0											
Altitude	1600											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	
January	3.75	6.55	5.85	5.77	1.52	4.13	8.58	6.28	3.71	.51		
February	3.90	1.19	3.24	1.35	5.60	1.87	2.92	2.23	4.45	1.24		
March	1.55	4.02	2.56	1.14	3.13	1.66	1.29	2.98	3.21	3.47		
April	2.63	4.46	2.93	3.37	3.03	1.06	1.20	.70	1.92	2.25		
May	4.51	3.73	1.94	2.19	.87	1.04	2.57	4.55	.75	1.55		
June	5.15	1.02	1.23	.11	5.92	1.25	1.83	6.19	1.64	.58		
July	6.04	6.18	3.02	1.32	1.17	5.16	4.55	4.65	6.66	4.88		
August	2.40	2.22	2.72	4.53	3.44	3.72	2.40	2.49	2.49	1.30		
September	1.88	4.35	2.39	5.16	6.22	3.64	3.57	4.66	3.93	2.15		
October	3.58	8.66	6.22	7.31	8.29	5.35	3.46	10.94	(5.10)	4.02		
November	4.46	4.45	4.36	.74	5.69	3.97	.57	5.99	8.05	7.55		
December	4.02	6.64	.85	8.07	1.74	5.61	.76	3.76	2.22	3.28		
TOTALS	46.87	52.47	36.81	40.06	46.42	38.46	33.70	55.42	44.13	32.78		
	D	D	D	ap 60	ap 60	ap 60	ap 60	D	D	D		

Monthly returns for 1934, 35, 36, 37 received 1.3.39 90. 1/3/39

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.

RAINFALL at

Glen O'Bruar (Bruar Lodge) N° 2

County of Perth.

Observer A. McNaughton died Dec 1933

River Basin 14 - Tay - Tummel.

A. McNaughton

Type of Gauge

Reader Balfour Beatty & Co

Annual Average 45.9 in. based on 12 years obs. un-weighted. Period of average 1931-1945 Ref. P.B. 378
 average scale to read 31.89 in

Diameter	5										
Height	1.0										
Altitude	1600										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	4.51	7.43	5.79	5.85	1.66	4.24	8.62	6.29	3.84	4.48	
February	4.88	2.22	4.33	3.35	5.71	1.92	2.92	2.34	4.61	1.30	
March	3.25	5.67	2.77	1.14	3.18	1.67	1.27	3.01	3.36	3.50	
April	2.93	5.30	2.91	3.41	3.12	1.08	1.25	.70	2.05	2.24	
May	4.57	3.98	1.94	2.23	.92	1.08	2.61	4.61	.65	1.57	
June	5.05	1.06	1.15	.11	6.00	1.29	1.89	6.35	1.73	.60	
July	6.06	6.20	2.88	1.32	1.18	5.21	4.55	4.78	6.70	4.93	
August	2.34	2.24	2.83	4.60	3.46	3.72	2.42	2.58	2.45	1.31	
September	1.85	4.49	2.35	5.26	6.28	3.66	3.40	4.72	3.99	2.18	
October	4.07	9.19	6.30	7.56	8.36	5.35	3.46	11.16	(6.00)	4.03	
November	8.01	5.10	4.71	.82	5.55	4.08	.62	6.14	8.04	7.59	
December	4.53	7.25	(.90)	8.34	1.82	5.76	.82	3.90	2.27	3.28	
TOTALS	52.05	58.13	(38.86)	40.99	47.24	39.06	33.83	56.58	(44.64)	33.01	
	D	D	D	as late as late	D	D	D				

1933. Dec' estimated in mo.7.

Monthly returns for 1934, 35, 36, 37 received 1.3.39. GB 1/3/39

 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

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

Station No.

5565

RAINFALL at Glen Bruan (Bruan Lodge) No. 1.

41

County of Perth

Observer Messrs Balfour Beatty & Co.

River Basin Up-Tay-Tummel

Grainger & Electric Supply Co.

Type of Gauge.....

See Plan, Title 9, Part IV, (June, 1946) for
No. 5 Hydro Electric Board.

Annual Average 14.75 in. based on 12 years obs. un-weighted. Period of average 1881 - 1915. Ref. P.B. 375.

File No.

Diameter	5"		869	166							
Height	1' 0"				1						
Altitude	1600'				41	1500'					
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	0.70	(500)	5.51	4.54	(4.50)	4.99	5.68	5.92	4.65	3.68	
February	3.22	(1.52)	3.58	1.42	5.62	3.28	(0.91)	5.04	3.29	5.13	
March	1.27	1.37	2.16	0.80	3.56	1.47	2.38	3.56	2.22	3.45	
April	1.41	2.93	3.35	-100	1.11	1.31	8.04	3.08	3.58	4.53	
May	2.75	4.29	2.32	-100	4.58	1.65	3.83	3.69	2.89	1.51	
June	0.31	1.28	3.89	imp.	4.19	4.02	4.06	6.16	1.91	2.20	
July	3.45	3.48	2.12	3.69	2.72	5.58	4.62	4.47	1.26	4.56	
August	5.66	5.92	4.45	3.74	1.71	3.57	0.03	7.20	4.25	5.56	
September	2.51	4.30	3.68	3.72	6.40	4.82	5.33	4.54	1.71	6.27	
October	4.58	4.72	8.02	5.84	4.51	-30	2.38	5.34	5.22	3.37	
November	4.43	1.51	2.38	5.73	.97	6.24	6.45	1.94	5.35	3.51	
December	4.27	5.91	1.90	3.17	7.49	4.71	2.51	7.77	6.25	1.84	
TOTALS	34.56	(42.23)	43.56	-100 inc. w.p.	47.36	11.94	46.22	58.71	42.58	45.61	

1941 Feb adj. 60004

40004

20004

1942 Jan adj. for snow. Feb corr'd for snow.

Mar. n.p. inc.

1947 Feb adj. for snow

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.
			Struan	8 miles.	S.S.W.	Struan	9 miles. S.S.W.

BRITISH RAINFALL ORGANIZATION

Station No.....

5566

RAINFALL at

Glen Bruar (Bruar Lodge) No. 2. 41

County of Perth

Observer Messrs. Balfour Beatty & Co.

River Basin 14-Tay - Tunnel

Grampian Electric Supply

Type of Gauge.....

Co.

Sir Alex. G. B. & Partners (June 1946)

Annual Average 45.9 in. based on 12 years obs. unweighted. Period of average 1881 - 1915 Ref. P.B. 375

File No.

Diameter	5'										
Height	1' 0"										
Altitude	1600'										
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	7.4	(5.00)	5.59	4.53							
February	3.25	(1.55)	3.63	1.42							
March	1.27	1.43	2.13	8.2							
April	1.43	2.96	3.33	-							
May	2.74	4.36	2.30	-							
June	3.31	1.41	3.89	imp.							
July	3.47	3.59	2.10	8.37							
August	5.68	6.08	4.44	3.66	X						
September	2.52	4.37	3.88								
October	4.60	4.85	8.05								
November	5.56	1.58	2.39								
December	4.91	6.06	1.90								
TOTALS	36.51	(43.24)	43.63								

1941 Feb adj. by ref to nearby sta.

1942 Jan + Feb adj'd for snow

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
			Stavoren	8 miles	S.S.W.	Stavoren	9 miles	S.S.W.

BRITISH RAINFALL ORGANIZATION

Station No. 5565

RAINFALL at Glen Bruar (Bruar Lodge) 1st

County of Perth

Observer Sir Alex. Gith & Partners for

River Basin Tay - Lummel - 14

North of Scotland Hydro-Elec Bd.

Type of Gauge.

Annual Average 44.9 in. based on 12 years obs. un-weighted. Period of average. 1881-1915 Ref. P.B. 275

File No.

Diameter ...	5 ⁵ "			869	166						
Height ...	1' 6"					1					
Altitude ...	1500'					51					
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January	3.15	3.31	2.03	3.64	2.07	2.35					
February	3.08	1.69	1.57	2.17	2.64	1.52					
March	2.03	3.53	0.86	2.32	1.44	2.22	X				
April	5.06	2.22	1.67	1.42	1.65	-100					
May	2.70	4.22	4.07	4.55	3.85						
June	2.88	3.59	4.01	2.91	1.30						
July	3.49	2.87	3.24	2.56	.89						
August	6.65	2.52	2.59	3.02	1.51						
September	3.55	2.28	3.72	5.54	3.56						
October	1.79	4.04	2.56	7.54	4.78						
November	9.12	2.59	3.22	9.32	2.04						
December	4.80	3.84	5.15	7.48	6.16	-100					
TOTALS ...	48.30	36.70	34.69	52.47	31.79	-100					
	V	D	D	D	D						

1960 Illumination action

Position of Station on Ordnance One-Inch map : No. of Map National Grid Reference (2) 833762

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 ✓	✓	✓ stat ap 44 ✓ bnt d 39	✓ bnt d 42
(62)	WT. 13072-389 10M 6/50 T.S. 841						

6/28