

Aberdeen W. Wks. Scheme 1908

RAINFALL AT

Glen Fann Gairn Bush Lodge N° 14

Lat.

Lon.

County of Aberdeen

Rain Gauge, by

Observer W. Dyack, C.I.

See - 1.

per. D. Fraser (09)

Diameter ...			5					5			
Height			1 0					1 0			
Altitude ...			1100					1100			
Year ...	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ...			1.38	4.13	1.80	1.01	2.78	2.74	1.82	2.79	
February76	3.81	3.44	2.02	2.77	1.67	2.65	1.22	
March			2.15	3.44	2.03	3.83	2.46	1.39	5.59	7.98	
April			2.45	2.82	2.06	3.66	1.65	3.32	3.00	3.08	
May			5.02	1.86	2.43	1.64	5.54	4.74	1.51	3.00	
June.....			2.88	1.67	.93	.77	.77	3.55	1.08	1.68	
July			2.30	3.99	1.12	2.06	1.38	1.65	2.98	3.17	
August.....			2.81	3.33	4.05	3.74	2.89	3.14	3.51	1.98	
September ..			2.36	2.97	1.82	2.13	1.51	1.13	3.91	1.87	
October ...			2.38	4.95	.86	4.76	5.80	5.19	1.68	4.89	
November ...			3.27	2.58	2.02	7.07	7.52	2.07	1.85	1.72	
December...			5.33	2.98	2.64	1.14	3.93	2.93	2.89	2.58	
TOTALS ...			33.09	38.53	25.20	33.83	39.00	33.52	32.47	35.96	

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1902-06 Read 1908 Err? 1x09

+ Impeached

RAINFALL at Glen Gairn, Gairn Shiel Lodge No. 14.

County of Aberdeen

Observer

W. Dyack Esq. B.B.

River Basin Dee 1

Cecil H. Roberts Esq. B.B. (1911)

Snowdon Rain Gauge, by

Donald Fraser
Geo Mitchell Esq. CL (1919)

Diameter ...	5	Height	10	Altitude ...	1100	Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	SUMS MARCH. 1916-1919
January ...	(443)	1.53	4.50	5.27	1.99	3.86	2.45	2.15	2.24	3.45						10.29	
February ...	303	1.84	(2.58)	1.08	3.40	(6.39)	3.52	.99	2.96	1.56						9.03	
March	299	2.60	2.08	4.62	3.21	1.72	4.37	3.01	1.24	(3.38)						12.00	
April	3.45	2.13	.93	2.26	1.16	2.00	3.10	1.61	.99	3.54						8.99	
May	1.16	1.85	2.23	4.49	3.45	.85	3.69	2.29	2.63	1.06						9.67	
June	1.13	2.65	2.43	2.55	3.49	.84	4.28	2.89	1.27	2.85						11.29	
July	3.64	1.21	1.85	.60	2.98	3.30	4.41	2.01	5.15	.29						11.86	
August.....	4.40	1.30	4.70	1.34	2.39	2.75	4.24	6.31	2.35	3.16						15.06	
September ..	1.09	.64	3.66	2.86	1.41	3.92	1.95	1.63	4.83	4.01						12.42	
October ...	4.45	2.55	4.46	1.64	3.40	5.40	6.13	4.62	2.48	3.55						16.78	
November ...	5.28	6.55	(3.85)	1.74	5.82	4.74	5.25	3.95	2.82	5.31						17.33	
December ...	4.46	5.62	2.95	3.01	8.09	6.16	3.90	1.20	2.38	3.58						11.06	
TOTALS ...	(3951)	30.47	(36.22)	31.46	40.79	(+1.93)	47.29	32.66	31.34	(34.49)						145.78	
	D	D	D				D	D	D	D							

1910 Jan. partly est.
1912. Corrected for Snow.

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

RAINFALL at Glen Gairn, Gairn Shiel Lodge

County of Aberdeen

Observer G. Mitchell Esq C.E.

River Basin Dec 1

23 Stunden 55

Snowdon Rain Gauge, by

1924 Adjustment and nov. + additions for snow in Feb. + Dec.

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

References No.

RAINFALL at Glen Gairn (Gairn Shiel Lodge)County of AberdeenObserver J. H. Henderson, C.E.River Basin 1-Dee

Type of Gauge

Annual Average 34.4 in. based on 25 years obs. un-weighted. Period of average 1881-1915Ref. 5

Diameter	5.										SUMS Means
Height	1.0										
Altitude	1100.										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	
January	3.15	3.31	2.30	1.97	2.29	4.73	10.42	4.00	4.18	1.47	37.82
February	1.28	5.2	0.79	1.99	2.83	2.36	3.21	1.10	2.52	2.62	21.22
March	1.55	3.00	1.20	4.22	1.95	1.72	7.98	1.46	2.73	1.99	26.90
April	3.12	9.62	2.04	7.67	4.47	1.41	1.98	1.74	1.67	2.31	28.03
May	2.48	4.64	1.29	3.30	1.90	1.73	1.56	2.89	.84	1.17	21.80
June	2.99	8.81	0.96	1.32	2.70	1.96	1.14	3.48	2.01	1.05	17.42
July	4.28	9.82	2.43	3.54	1.82	1.45	3.21	1.21	4.59	6.51	37.86
August	3.89	8.2	0.97	11.00	1.66	1.50	1.82	1.74	3.04	2.63	21.97
September	1.66	3.28	2.32	1.68	4.71	2.67	1.90	2.80	2.84	1.46	24.12
October	2.26	9.46	7.83	5.24	5.80	2.67	2.84	4.32	6.18	3.88	50.48
November	4.98	1.92	4.87	3.35	4.54	3.05	1.16	3.70	3.99	6.28	37.84
December	1.88	3.32	1.06	6.33	2.08	3.04	9.17	2.44	1.78	2.32	33.42
TOTALS	33.52	58.52	31.06	43.71	35.75	30.29	44.19	31.88	36.37	33.59	358.88

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
			Ballater				

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

RAINFALL at Gairnshiel Check Gauge

County of Aberdeen

Observer T. F. Henderson C.E.

River Basin

Type of Gauge

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

Ref.....

Diameter										5"
Height										1' 0"
Altitude										1100
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940
January										1.04
February										2.27
March										1.97
April										2.19
May										1.12
June										#
July										
August										
September										
October										
November										
December										
TOTALS										1.78 N.P.

1939 N.P. imp

1940 N.P. imp.

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

RAINFALL at Glen Gairn (Gairn Shiel Lodge)

41

County of Aberdeen

Observer T.F. Henderson Esq., C.E.

River Basin 1 - Dee

F.R. Smyth, Esq., C.E.

Type of Gauge.

A.G. Board, Esq., M.R.A.S.C., M.R.O., M.R.E., M.R.I.C.E., M.R.I.M.E.

Annual Average 34.5 in. based on 26 years obs. un-weighted. Period of average 1881 - 1915 Ref. S.

File No.

Diameter	5"				844	847					
Height	1' 0"						1				
Altitude	1100'						41				
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	CWMS Means
January	(6.04)	3.90	3.07	2.74	5.56	1.87	3.37	4.28	2.29	1.90	35.02
February	(6.45)	2.04	2.66	2.13	2.45	2.35	2.75	2.56	.97	3.02	27.41
March	1.67	1.70	1.00	1.14	1.11	2.78	4.39	1.36	1.75	1.81	18.71
April	2.45	1.85	1.64	1.34	1.81	.93	4.37	1.63	2.56	3.75	22.33
May	2.51	2.86	3.38	3.05	4.70	2.85	3.46	3.54	1.98	.87	29.20
June	.27	1.55	1.52	2.63	2.78	2.34	2.43	5.71	1.61	.79	21.63
July	3.54	1.72	1.54	2.60	2.05	5.10	2.75	2.73	2.16	2.90	27.09
August	4.26	2.28	3.72	1.84	2.95	4.47	.25	6.57	3.16	2.32	31.82
September	1.34	3.76	2.95	4.85	3.03	6.05	2.73	1.89	1.58	6.12	34.30
October	5.21	5.20	3.15	4.81	4.71	.30	2.08	2.47	2.73	1.32	31.98
November	5.04	.78	3.62	5.01	1.41	5.81	3.75	.90	2.82	3.87	33.01
December	1.49	2.22	.86	3.62	7.11	3.32	2.45	4.15	2.76	2.40	30.68
TOTALS	40.57	29.89	29.11	35.76	39.67	38.17	34.78	37.79	26.37	31.07	343.18
	d	d	d	d	d	d	d	d	d	d	

1941 Jan and Feb adj. for snow.

1946 A wire fence 5' 6" high, 7' square around g. Building 7' 6", 68' S.W.

1950 Jan. Day only, ref. surrounding stations for acc. on 3rd Oct. $g^{1/2} + 10^{1/2}$ after by Eng.

60004

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
1941			Ballater				

84484

Station No. 5636

RAINFALL at Glen Gairn (Gairn Shiel Lodge)

51

County of Aberdeenshire

Observer

Dr. G. Boothby M.B.E., M.R.C.S., F.R.C.P.

River Basin. Dee - 1

Type of Gauge.

Annual Average 34.65 in. based on 26 years obs. un-weighted. Period of average 1891-1915 Ref. S
 35.43 " " 35 " 1916-1950 P

File No.

Diameter ...	5"				844	847					
Height ...	1' 0"						1				
Altitude ...	1100'						51				
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January	3.39	2.73	1.08	2.49	1.12	5.27	3.23	2.46	(2.85)	5.50	
February	4.33	2.61	1.44	3.26	(5.61)	2.55	2.42	4.74	0.38	3.58	
March	2.36	2.00	0.59	3.55	1.71	1.91	2.01	4.27	1.26	1.68	
April	3.90	1.66	2.58	1.51	0.79	2.22	1.43	(2.44)	1.97	2.16	
May	1.62	2.53	1.83	5.96	2.86	.81	1.84	3.11	0.98	.78	
June	1.66	2.17	3.65	1.66	.76	3.07	2.47	4.08	2.08	1.31	
July	3.09	1.64	4.60	3.36	.78	4.68	5.97	6.22	3.20	2.89	
August	3.62	3.39	1.79	3.24	1.06	5.36	4.07	2.72	1.24	4.62	
September	1.42	2.34	2.63	2.52	2.16	4.31	3.33	2.51	0.61	2.87	
October	1.73	4.45	1.34	5.43	4.46	3.77	1.31	2.64	5.16	10.67	
November	8.44	3.91	2.4	4.44	1.62	1.52	2.92	.76	6.60	3.67	
December	2.79	4.17	2.96	4.82	6.87	4.69	4.14	5.40	5.25	2.19.	
TOTALS ...	38.35	33.60	26.60	42.24	29.20	40.16	36.14	41.35	32.58	41.92	
	D	D	D	D	D	D	D	D	D	D	

1951. Wind fence with 1½" netting 5½' (netting 2') 7' around gauge;
 Building, raises 7½', 68' SW.

25004

04004 40004

Position of Station on Ordnance One-Inch map :

No. of Map

National Grid Reference NJ(38)2950078

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	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
		1916-1917 D 10-18	V D 20-26, 28-30	V V but id 41-42	V V but id 41-42	