

RAINFALL AT Aberdeen W. Wks. Scheme, 1908 Beinn Breac No. 7

Lat. _____ Lon. _____ County of Aberdeenshire

Rain Gauge, by _____ Observer W. Dyack Esq. C.E.

Dec - 1.

Diameter ...			5								
Height			1 0								
Altitude ...			2700 11400								
Year ...	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ...			(4.90)	(9.30)	(3.80)	(2.40)	(4.80)	(3.60)			
February ...			(2.30)	(7.30)	(3.10)	(3.05)	(3.40)	(4.70)			
March			(4.00)	(8.10)	(1.90)	(7.30)	(4.40)	(4.20)			
April			(3.80)	(3.90)	(4.50)	(3.05)	(1.80)	(5.80)			
May			4.80	2.60	2.60	(3.00)	6.20	4.20			
June			5.20	2.30	1.70	2.40	2.20	5.50			
July			4.10	4.80	(2.15)	2.30	2.60	2.90			
August			3.40	4.50	5.20	4.80	4.30	7.30			
September ..			3.30	4.10	2.60	3.80	1.90	1.60			
October ...			(5.10)	7.80	2.70	5.10	(6.50)	4.80			
November ..			(4.90)	(4.30)	(2.20)	(7.50)	(7.90)	(3.30)	3.40		
December...			(7.80)	(3.40)	(3.30)	(3.20)	(4.50)	(3.10)	2.40		
TOTALS ...			(53.60)	(62.40)	(35.75)	(47.90)	(50.50)	(51.00)			

Figures in brackets are partly or entirely est.^d See Aberdeen
Report
Water Scheme 23. VI. 08.

1902-06 Rec^d. 08. Est^d 1X. 09.

1909. useless - ~~no figs sent~~

RAINFALL at

Beinn Bhreac

No. 7.

5633

County of AberdeenObserver W. Dyack Esq. C.E.River Basin Dee 1Cecil H. Roberts Esq. C.E. (1911)

Snowdon Rain Gauge, by _____

Geo. Mitchell Esq. C.E. (1919)

Diameter ...	5											
Height	1	0										
Altitude ...	2700											
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.	
January ...	(4.50)	(1.75)						2.95	(3.28)	(4.35)		
February ...	(3.75)	(4.00)						(1.34)	(4.32)	1.05		
March	(3.25)	(3.25)	4.30					3.85	.84	(4.00)		
April	(5.70)	(3.00)	(1.70)	2.90			3.50	3.30	1.53	(4.74)		
May	(1.35)	1.80	5.30	3.50	2.13?		3.70	3.34	3.62	1.37		
June	3.60	4.90	3.50	2.80	4.30		8.60?	4.10	2.66	5.75		
July	4.40	2.20	5.20?	1.10	3.20		5.20	2.90	6.55	.95		
August	6.60	2.10	5.50	1.60	2.50		5.10	9.66	2.63	2.63		
September ..	1.60	.80	3.70	2.90	2.70		4.40?	2.38	7.45	5.72		
October ...	5.60	2.10	4.30	2.30			6.70	8.46	5.20	6.65		
November ...	(4.50)	(7.20)		2.40				5.75	(3.46)	(6.00)		
December ...	(4.00)	(6.00)		2.50				1.57	(3.46)	(3.74)		
TOTALS ...	(48.85)	(39.10)				NR		(49.60)	(45.00)	(44.45)		

1910 Partly est.

1911 —

1912. Frozen in Jan. Feb. Nov. & Dec.

1914. Frozen for 4 months.

1914. Est. for Snow.

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

RAINFALL at Beinn BhreacCounty of AberdeenObserver G. Mitchell Esq. C.E.River Basin Dee 123 Henderson Cr.Snowdon Rain Gauge, by _____

Diameter ...	5		5								
Height	10		10								
Altitude ...	2700		2700								
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MEANS
January ...	4.92	2.56	(7.00)	5.37	3.10	(4.50)	3.53	4.02	6.05	2.37	(5.00)
February ...	(4.63)	.68	4.30	{	3.51	(6.00)	2.29	1.44	3.94	(1.56)	(2.50)
March	(3.66)	3.43	2.75	(2.21)	1.26	(3.50)	1.33	3.20	4.14	(.30)	(2.97)
April	(3.17)	2.02	8.15	2.29	1.02	6.15	5.68	3.18	2.81	2.61	(4.45)
May	2.22	2.85	3.23	11.68	(4.70)	4.35	4.18	5.03	4.26	3.13	1.77
June80	1.50	2.40	2.83	(2.14)	.85	6.24	4.92	5.10	2.45	1.86
July	3.55	2.22	7.03	5.21	4.46	2.85	3.02	5.59	2.10	(3.83)	4.93
August	4.57	5.59	3.66	7.32	5.61	1.86	2.46	4.52	8.66	(4.12)	6.68
September...	2.94	1.55	4.06	4.03	6.13	(4.85)	4.45	4.29	5.61	2.68	(7.00)
October	4.23	2.40	2.20	4.72	3.52	3.55	{	4.86	6.93	4.52	5.83
November...	(4.25)	2.11	3.11	{	2.78	(2.20)	10.00	3.75	4.76	(3.76)	(6.21)
December...	(5.00)	(3.70)	2.64	6.93	4.90	5.33	1.96	(2.50)	3.38	(6.47)	(5.00)
TOTALS...	(43.94)	30.61	(50.53)	62.59	(43.13)	(45.99) M	45.14	48.30	57.74 M	37.89	(54.20)

1920 corrected for snow & estimated from surrounding stations.

1921. Dec. corrected for date of reading.

1922 Jan. corrected for snow

1923. Gauge buried in snow at end Feb. & end Nov. Cor'd. for snow

1924. Feb. March & Dec. corrected for snow. May & June adjusted by maps.

1925. Jan - March, Sept. & Nov. computed from surr. records

1929. Feb, March, July, Aug. Nov. & Dec. adjusted by surr. stations.

1930 Dec estimated from maps. April was too big & it was assumed, in spite of observer's note to the contrary, that the total included part of the earlier months. Values for Jan, Feb, March & April, May, Sept & Nov were also adjusted by surrounding stations. (see glass record note on return No 5726)

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	Parish Church.	Distance from gauge	Direction

RAINFALL at Binn BhraoCounty of AburdeenObserver J.F. Henderson, C.E.River Basin 1-Dee

Type of Gauge

Annual Average 7.1 in. based on 19 years obs. un-weighted. Period of average 1881-1915 Ref.

Diameter	5.										
Height	1.0.										
Altitude	2700										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	4.10	3.05 (4.67)	(4.84)	1.86	(4.90)	(11.76)	5.94	3.30	1.98		
February	2.00	.30 (4.60)	.64	2.19	(3.67)	(11.76)	2.56	(3.73)	2.48		
March	1.22	2.01 (1.76)	3.11	1.65	(3.32)	(3.00)	1.12	(3.76)	2.03		
April	4.27	4.60	2.90	5.17	4.53	2.52	.99	.92	1.83	2.41	
May	2.14	4.84	1.75	4.18	3.77	1.97	2.45	3.95	1.30	1.54	
June	4.27	1.23	2.00	1.75	5.15	.67	1.69	6.67	1.75	1.61	
July	4.96 (6.30)	3.26	4.02	1.24	5.94	4.32	4.33	5.94	6.87		
August	4.17 (2.35)	(2.08)	5.74	2.78	2.10	3.05	3.00	3.30	5.32		
September	2.88	5.61	2.56	3.20	5.48	4.07	2.40	3.34	2.83	3.75	
October	2.85	9.27 (5.17)	(6.08)	8.42	3.20	2.67	7.95	6.21	5.74		
November	5.12	2.70 (5.04)	(3.29)	3.57	3.14	.88	4.12	(5.65)	7.32		
December	2.50	3.14	.89 (8.36)	2.48	(4.10)	4.53	3.46	1.85	5.10		
TOTALS	40.48	45.40	(39.68)	(30.38)	43.12	(39.60)	40.74	40.32	(41.45)	46.15	
	M.	M.	M.	M.	M.	M.	M.	M.	M.	M.	

1933 up to May no adjustments.

1936 Jan-Mar & Dec. corrected by surrounding stations.

1937 Record probably low since 1937

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

Station No. 5633

RAINFALL at Beinn Bhreac

41

County of AberdeenObserver T.F. Henderson, C.E.River Basin 1-Dee

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

Type of Gauge

Aberdeen Cat EngineAnnual Average 47.1 in. based on 19 years obs. un-weighted. Period of average 1881-1913 Ref. S

File No.

Diameter	5"				842	551					
Height	1'0"					1					
Altitude	2700'					41					
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	4.03	(9.50)	5.24	(4.04)	(7.00)	3.91	5.01	6.45	4.36	3.40	
February	6.07	(3.00)	3.20	3.41	(4.00)	(3.20)	(2.75)	5.01	4.26	4.76	
March	1.95	4.05	2.09	2.03	(3.00)	(1.82)	(4.75)	3.76	3.04	2.94	
April	2.15	3.34	3.80	2.49	(2.00)	1.05	(6.00)	3.28	3.05	5.20	
May	3.54	3.15	3.80	4.99	4.60	2.90	(3.75)	4.40	2.05	1.25	
June	0.49	2.04	4.02	4.10	3.09	3.75	3.05	6.00	1.52	1.88	
July	3.81	4.10	2.04	2.49	4.08	8.03	4.33	5.06	1.15	3.95	
August	7.12	3.60	5.99	2.05	3.02	4.15	0.00	8.10	5.48	4.36	43.67
September	2.10	3.40	4.50	6.10	5.99	6.08	4.78	4.30	1.60	11.45	
October	7.73	4.80	5.02	8.02	5.10	.35	2.40	3.40	3.04	2.96	
November	7.15	1.40	6.21	(6.08)	1.50	9.10	6.01	2.51	3.40	4.10	
December	6.32	5.04	2.03	(5.53)	6.75	4.14	3.00	7.20	6.01	3.96	
TOTALS	52.46	47.42	47.94	(51.83)	50.13	48.48	46.03	59.47	38.96	50.21	
	M	M	M	M	M	M	M	M	M	M	

1941 Jan and Feb adj. for snow.

1942 Jan and Feb adj. for snow.

1944 Jan, Nov & Dec est. for snow. 4 wire-fences 5 1/2' high around g.

1945 Jan-April part est. d.

1946 Feb. a match appointed by M.O.S.

1947 Feb. match appointed by M.O.S. 4 wire fence 5'6" 7' square round gauge.

1949, seems low. Report on gauge asked for. 750' distant container leaking. 1949: N.P. low.

60004

40024

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
1941			Batholter					

BRITISH RAINFALL ORGANIZATION

Station No. 5633RAINFALL at Binn Bhreac

51

County of AberdeenObserver W. G. Boothby, M. Eng. AMICERiver Basin Dec - 1

Type of Gauge

Annual Average 47.9 in. based on 19 years obs. un-weighted. Period of average 1881-1915 Ref. S

File No.

Diameter ...	5"				842	551					
Height ...	1' 0"				1	1					
Altitude ...	2700'					51					
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	5.20	3.80	(2.50)	3.98	2.36	(5.47)	5.26	4.36	6.63	5.35	
February ...	4.98	3.56	(2.50)	4.06	7.09	3.46	5.01	4.06	1.26	5.09	
March ...	3.07	2.90	0.99	3.10	6.01	3.16	3.01	4.23	2.93	2.02	
April ...	4.70	1.90	3.46	1.06	1.38	2.96	1.12	3.07	3.26	5.04	
May ...	2.07	4.30	3.10	5.03	2.46	2.01	2.01	4.36	3.34	1.62	
June ...	3.01	3.06	10.40	3.34	1.72	4.06	2.06	4.06	3.50	2.50	
July ...	3.05	2.91	7.12	3.12	1.01	4.25	5.25	6.11	3.15	3.50	
August ...	4.04	3.05	3.20	3.06	1.44	8.26	5.78	4.03	2.10	4.60	
September ...	2.01	3.20	4.01	4.04	2.54	5.01	4.10	4.01	0.76	3.30	
October ...	1.36	6.03	2.01	6.58	6.61	5.08	4.06	4.04	7.56	8.36	
November ...	7.26	4.17	5.01	7.25	3.10	3.26	2.36	1.36	6.29	4.25	
December ...	4.75	8.21	5.16	6.85	7.60	8.16	5.37	7.48	6.95	4.48	
TOTALS ...	46.10	47.08	49.46	51.47	42.22	55.14	45.39	51.17	47.75	50.11	
	M	M						M	M	M	

1951. Wire fence 52' 7" around gauge.

1956. Jan. Feb. adj. for rain.

60004

40004

Position of Station on Ordnance One-Inch map :

No. of Map

National Grid Reference 37/058963

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
	1910-19 17-19 imp. 12.13.16	✓ M 25.28	✓ M	41-48.50 mp. 49. M 41-48.50	