

Aberdeen W. Wks. Scheme, 1908

RAINFALL AT Beinn Breac No. 7.

Lat. _____ Lon. _____ County of Aberdeenshire
Rain Gauge, by _____ Observer W. D. Yack Esq. CB.
See - 1.

Diameter ...			5								
Height			10								
Altitude ...			2700 1400								
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)	(1.30)	(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.^{Report} See Aberdeen Water Scheme 23. VI. 08.

1902-06 Recd. 08. Inv'd 1X. 09.

1909. useless - ~~recd. 1X. 09.~~

RAINFALL at Beinn Bhreac No. 7. 5633

County of Aberdeen

Observer W. Dyack Esq. B.B.

River Basin Dee 1

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

Snowdon Rain Gauge, by

Geo. Bullock Esq. (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	2.03	
September ..	1.60	.80	3.70	2.90	2.70		4.40?	2.38	7.45	8.72	
October ...	5.60	2.10	4.30	2.80			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 eat.

1911 - " - frozen in Jan. Feb. Nov. & Dec.

1912. Frozen for 4 months.

1914. Istd. for snow.

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

RAINFALL at Beinn Bhreac

County of Aberdeen

Observer G. Mitchell Esq C.E.

River Basin Dee

33 Hendren CE

Snowdon Rain Gauge, by

Diameter ...	5"		5"									
Height	1' 0		1' 0									
Altitude ...	2700		2700									
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	MEANS	
January ...	4.92	2.56	(7.00)	5.37	3.10	(4.50)	3.53	4.02	6.05	2.37	(500)	
February ...	(4.63)	1.68	4.30	{	3.51	(6.00)	2.29	1.444	3.94	(1.56)	(250)	
March	(3.66)	3.43	2.75	(2.2)	1.26	(3.50)	1.33	3.20	4.14	(1.30)	(297)	
April	(3.17)	2.02	8.15	2.29	1.02	6.15	5.68	3.18	2.81	2.61	(445)	
May	2.22	2.85	3.23	11.62	2 (4.70)	4.35	4.18	5.03	4.26	3.13	177	
June	1.80	1.50	2.40	3.83	(2.14)	.85	6.24	4.92	5.10	2.45	186	
July	3.55	2.22	7.03	5.21	4.46	2.85	3.02	3.59	2.10	(3.83)	1493	
August	4.57	5.59	3.66	7.32	5.61	1.86	2.46	4.52	8.66	(4.12)	668	
September...	2.94	1.55	4.06	4.03	6.13	(4.85)	4.45	7.29	5.61	2.68	(700)	
October....	4.23	2.40	2.20	4.72	3.52	3.55	{	4.86	6.93	4.52	583	
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)	(500)	
TOTALS...	(43.94)	30.61	(50.53)	62.59	(43.13)	(45.99)	M	45.14	48.30	57.74	37.80	(5420)

1922 corrected for snow & estimated from surrounding stations

1920. Decr. converted for date of reading.

1922 Jan. corrected for snow

1911 & 1912. - At end Feb. & end Nov. Corr'd for snow

1925. Young buried in snow at one
time. At first it was 10 cm. deep. Now 3 June adjusted by map

1924. Feb. March & Dec. corrected for snow. May & June neg.
1925. Jan - March. Solids & water contributed from prior records

1919 Feb., March, July, Aug., Nov., & Dec. estimated by me.

1930 DEC. 20-21 from maps. April was too big & it was assumed, in spite of observed

... were removed from range, and were too numerous in some of stations to be
counted, but the total included part of the earlier months. Values for Jan., Feb., March & April, were
Sept. 7 NBS were also adjusted by surrounding stations. (See D. Glasscock's note on return No. 4726)

RAINFALL at

Bennachie

County of Aberdeen

Observer J.F. Henderson, C.E.

River Basin 1-Dee

Type of Gauge

Annual Average 47.1 in. based on 12 years obs. un-weighted. Period of average 1931 - 1935 Ref. 3

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)	5.86	(4.90)	(11.76) (3.00)	5	9.44	3.30	1.98			
February	2.00	3.0 (4.60)	6.4	2.19	(3.67) 11.76	2	5.6 (3.73)	2.48				
March	1.22	2.01 (1.76)	3.11	1.65 (3.22)	(3.00)	1.12	(3.76)	2.03				
April	4.24	4.60 2.90	5.17	4.53	2.52	0.99	0.92	1.83	2.41			
May	2.14	4.84 1.75	4.18	3.77	1.97	2.45	3.93	1.30	1.54			
June	4.24	1.23 2.00	1.75	5.15	1.67	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	4.14 (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 (8.17) (6.08)	8.42	3.20	2.67	7.93	6.21	5.74				
November	5.12	2.70 (5.04) (3.29)	3.57	3.14	0.88	4.12	(5.65)	7.32				
December	2.50	3.14	0.89 (8.36)	2.48	(4.10) 4	1.53	3.46	1.85	5.10			
TOTALS	40.48	45.40 (39.68) (30.38)	48.12 (39.66) 40	7.4	40.32 (41.45)	46.15	M M M M M M M M M M M M					

1933. sp. too many adjustments

1934 Jan-Mar & Dec. corrected by surrounding stations.

1935 Record probably low since 1933

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

Station No. 5633

842551

RAINFALL at Beinn Bhreac

41

County of Aberdeen

Observer T.F. Henderson, C.E.

River Basin 1-Dee

F.P. Smith, Esq., C.E.

Type of Gauge

Aberdeen, C.E. Engineers.

Annual Average 4.71 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				
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	4387
September	2.10	3.40	4.50	6.10	5.99	6.08	4.98	4.30	1.60	11.45	
October	7.73	4.80	5.02	8.02	5.10	3.35	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	52.40	(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	m	

1941 Jan and Feb add. for snow.

1942 Jan and Feb add'd for snow.

1944 Jan, even & Dec add'd for snow. 4 wire-fences 5' high around g.

1945 Jan - April part add'd.

1946 Feb. a month apportioned by M. O. 3.

1947 Feb made April 1st at 4 wire fence 5' 7" square round gauge.

1949 second last Report gauge added for 750 mm container leaking. 1949 - n.p. low.

60004

40034

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			Baillater				

Station No. 5633

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RAINFALL at Beinn Bhreac

County of Aberdeen

Observer W. G. Booth Esq., M.Eng., B.M.C.R.

River Basin Dee - 1

M.W.E.

Type of Gauge.

Annual Average 47.1 in. based on 19 years obs. An-weighted. Period of average 1881-1915 Ref. S

47.9

File No.

Diameter ...	5"				842	551					
Height ...	10"				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	3.05	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	2.64	5.01	4.10	4.01	0.78	3.30	
October	1.36	6.03	2.01	6.58	6.61	5.08	4.06	4.04	7.56	8.36	
November	7.86	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	

1955. Wind gauge 5 ft. 7" around gauge.

1956. Jan.-Feb. adj. for snow.

400004

60004

Position of Station on Ordnance One-Inch map : No. of Map National Grid Reference 37/058968

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 :

	1910-19	1920-30	1931-40	1941-50	1951-60
Record D, or d	1910/11. 17-19 avg. 12.13.16 —	✓	✓	41-48.50 mp. 49.	Ma 21-48.50