

Aberdeen W. W. Scheme 1908
RAINFALL AT *Haemarr, Derry Lodge* No 6

Lat. _____ Lon. _____ County of *Aberdeen*

Rain Gauge, by _____

Observer *W Dyack Esq C.E.*

Dec - 1.

per D. A. Fraser (09)

Diameter ...			5					5			
Height			1 0					1 0			
Altitude ...			1400					1400			
Year ...	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ...			2.97	8.16	3.95	2.83	4.67	2.45 (2.79)	4.58		
February ...			1.20	5.85	3.13	2.72	(3.13)	4.24 (4.77)	1.27		
March			2.65	(7.46)	1.82	5.48	(3.97)	2.84	7.64	8.00	
April			2.65	2.80	4.48	2.73	1.90	3.07	2.98	3.64	
May			4.78	1.38	2.56	2.12	5.37	3.26	1.73	3.12	
June			1.62	1.70	1.53	2.88	1.39	3.76	1.77	1.10	
July			2.86	3.34	2.05	2.52	2.09	1.93	2.89	2.44	
August			2.87	5.45	4.22	3.96	4.15	4.24	2.16	2.18	
September ..			2.45	3.08	2.63	2.09	1.70	1.15	6.15	2.00	
October ...			4.61	6.81	2.10	5.00	6.28	3.02	1.10	6.22	
November ..			3.38	3.62	2.22	6.62	6.79	2.73	3.56	2.68	
December...			5.52	2.81	3.41	2.48	(4.26)	2.56 (2.88)	2.51		
TOTALS ...			37.56	52.46	34.10	41.43	45.70	35.25 (40.42)	39.74		

1902-06 Rec'd 1908 Ent'd 18.09.

+ Inspected

RAINFALL at

Braemar, Derry Lodge No 6. 5629

County of Aberdeen

Observer

W. Dyack Esq. LL.River Basin Dee 1.Cecil H. Roberts Esq. LL. (1911)D. A. FraserW. Mitchell Esq. LL. (1911)

Snowdon Rain Gauge, by

Diameter ...	5											
Height	1	0										
Altitude ...	1400											
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	SUBS. STATION. 1916-1919	
January ...	(4.68)	1.68	(5.01)	6.03	2.86	3.94	3.95	(2.98)	3.05	3.90	13.88	
February ...	(4.00)	4.47	(2.81)	3.05	(4.00)	(6.09)	5.72	(1.03)	4.63	.75	12.13	
March	3.31	3.33	2.83	5.50	3.72	2.08	4.28	3.83	.87	5.06	14.04	
April	5.09	2.82	1.94	3.13	1.35	3.16	2.09	1.94	1.48	3.62	9.13	
May	1.47	1.50	2.38	3.08	2.51	.80	2.16	2.37	3.12	1.02	8.67	
June	3.12	2.48	2.64	2.43	2.41	2.64	3.33	2.13	1.71	2.72	9.89	
July	(4.04)	1.64	2.25	.56	2.51	3.86	3.07	1.54	5.52	.44	10.57	
August	(4.74)	2.25	(4.66)	.96	1.97	(3.00)	3.55	5.41	3.17	1.67	13.80	
September ..	1.05	.60	(3.17)	2.43	1.46	3.00	1.86	2.12	5.19	3.93	13.10	
October ...	3.25	2.68	3.33	2.19	1.85	2.54	6.34	4.61	3.71	(2.75)	17.41	
November ..	4.28	7.70	(5.15)	2.80	6.02	4.63	4.83	5.38	3.19	4.76	18.13	
December ...	3.86	5.92	(6.46)	2.39	(8.33)	5.25	(3.94)	(1.45)	3.86	4.51	13.76	
TOTALS ...	(42.89)	37.07	(42.63)	34.55	(38.99)	(40.90)	(15.12)	(34.76)	39.50	35.13	154.51	

up D. D. D.

1910 Partly est.

1912 Corrected for Snow.

1914

1915 Subestimated

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1911.			Ballater	28 mls.	E by S.	Braemar	10 mls.	

RAINFALL at Braemar, Derry LodgeCounty of AberdeenObserver G. Mitchell Esq. C.E.River Basin Dee 1J. J. Henderson C.E.Snowdon Rain Gauge, by

Diameter ...	5"			5									
Height	1 0			1 0									
Altitude ...	1400			1400									
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MEANS.	SUMS	
January ...	4.24	5.42	5.85	6.84	2.24	4.68 (5.55)	3.78	6.31	1.10	3.42		49.43	
February ...	3.32	.80	3.41	8.67	2.85	5.72	2.03	0.99	2.52	1.02	.63	31.96	
March	3.85	4.95	2.23	1.18	.51	2.88	2.29	2.66	5.00	.60	.94	27.09	
April	2.30	1.26	4.17	2.35	1.21	3.30	2.35	2.83	1.16	1.94	2.43	25.30	
May	2.63	2.59	2.55	4.74	3.35	(3.82)	2.44	2.99	2.12	2.18	1.45	30.86	
June74	.93	1.97	1.46	2.32	.44	2.41	3.50	3.13	2.08	1.72	20.75	
July	2.91	1.75	3.71	4.79	3.97	2.41	1.76	(3.50)	1.99	3.95	2.80	33.54	
August	2.69	3.85	3.03	5.46	3.99	1.73	2.47	3.08	4.80	2.97	1.03	38.10	
September...	2.03	1.62	1.62	2.91	(5.73)	4.17	2.84	3.79	3.45	1.60	4.27	34.13	
October	2.62	2.15	1.93	4.44	3.28	2.99	6.35	3.91	5.26	4.21	5.68 (3.89)	42.82	
November...	3.49	2.05	1.86	4.11	(2.93)	(2.00)	5.09	3.66	5.00	3.58	2.89	36.66	
December...	4.49	5.83	2.90	3.12	5.03	(5.00)	1.25	1.51	2.16	7.03	3.19	41.51	
TOTALS...	35.31	33.25	35.23	50.07	(37.41)	39.14	(36.83)	36.20	42.90	32.26	33.55	412.15	
	D	D	D	D	D	D	D	D	D	D	D		

1924. Nov. corrected for snow. Sept. corr. by maps & prev. 2 years.

1925. Nov. & Dec. partly estimated. May partly computed from surrounding records.

1926. Jan. corr. by surr. stat.

1927. July est. by surr. stat.

1929. July & Dec. adjusted by surr. stations.

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 from gauge	Parish Church.	Distance from gauge	Direction from gauge
			<u>Ballater</u>	<u>28 mi</u>	<u>E by S</u>	<u>Braemar</u>	<u>10 mi</u>	

RAINFALL at Braemar (Derry Lodge)County of AberdeenObserver J.F. Henderson, C.E.River Basin 1- Dee

Type of Gauge

Annual Average 38.1 in. based on 36 years obs. unweighted. Period of average 1881-1915 Ref. S

Diameter	5.											
Height	1.0.											
Altitude	1600.											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	SUMS	MEANS
January	4.11	4.84	3.57	4.35	2.64	2.99	11.26	5.70	4.00	1.87	45.33	
February	1.83	1.16	5.74	.39	4.19	1.46	2.83	2.26	3.77	3.38	24.01	
March	1.19	2.61	1.16	2.39	2.18	1.71	1.72	1.15	3.81	2.67	20.58	
April	2.78	3.23	2.51	4.63	3.24	1.13	.96	.70	2.67	2.54	24.39	
May	2.96	3.50	1.64	2.67	1.45	1.67	1.95	3.39	.83	1.34	21.40	
June	3.27	.70	1.64	1.05	4.73	.96	1.58	6.16	1.88	.81	22.78	
July	(3.41)	4.11	2.46	4.26	1.60	4.23	3.52	3.81	5.29	5.65	38.39	
August	(3.06)	1.64	1.76	4.52	2.84	2.33	2.18	2.14	2.29	4.03	26.84	
September	1.36	3.11	1.80	3.70	5.02	3.45	2.09	3.34	2.46	2.56	28.89	
October	2.27	8.11	6.45	6.20	7.72	4.51	2.42	7.87	5.58	5.24	56.37	
November	5.10	3.59	3.61	1.46	3.34	3.34	.68	6.60	5.68	6.97	40.27	
December	2.47	5.67	0.60	6.00	1.04	4.70	4.52	3.31	1.90	4.56	34.77	
TOTALS	33.81	41.27	30.93	41.62	39.99	32.53	35.71	46.43	40.16	41.52	384.02	

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. 5629

RAINFALL at Braemar (Denny Lodge)

41

County of Aberdeen

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

River Basin 1-Dee

F.R. Braemar Esq. C.E.

Type of Gauge

Cite Esq. Aberdeen.

Annual Average 38.1 in. based on 26 years obs. un-weighted. Period of average 1881-1915 Ref. S

File No.

Diameter	5"				8.42	4.67						
Height	1'0"					1						
Altitude	1400'					41						
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	30 Yrs Means	
January	40.4	(4.30)	5.15	3.73	5.97	3.94	4.97	5.43	4.34	2.76	44.63	
February	5.99	(2.20)	4.74	3.48	4.26	3.01	2.42	4.71	3.74	3.88	38.43	
March	1.18	(3.70)	2.06	1.57	2.19	1.53	4.50	3.61	2.99	2.54	25.87	
April	1.67	2.88	3.95	2.12	1.72	1.07	5.79	2.85	3.03	4.68	29.76	
May	2.87	3.15	3.51	2.73	4.62	2.17	(3.48)	3.81	1.95	.84	29.13	
June	0.33	2.35	3.47	3.76	3.11	2.90	2.81	5.30	1.46	1.34	26.83	
July	3.23	4.24	1.42	1.76	3.54	5.89	3.99	3.31	.94	3.05	31.37	
August	6.31	4.05	4.74	2.73	1.69	4.07	.03	4.68	4.81	3.52	36.63	
September	1.69	3.21	3.87	6.13	5.25	5.23	4.34	3.34	1.31	7.96	42.33	
October	6.22	4.76	5.62	5.95	3.93	.20	1.92	3.29	2.75	2.39	36.43	
November	5.48	1.40	6.18	5.95	.69	7.21	6.20	2.14	3.11	3.77	41.13	
December	4.52	5.03	1.45	5.12	6.80	3.84	2.54	6.17	5.74	3.65	44.86	
TOTALS	43.53	(41.2)	46.16	45.03	43.17	41.06	41.99	48.64	36.17	40.38	427.40	

1942 Jan. Feb. corr. for snow. Mar. ft. 26.1.

1946. 1st April, G. moved 400 yds S.W. It was fences 5 1/2' high, 7' square around G. Tree 20' high, 35 yds E.

1946. 4 wire fences 4' high, 7' square around gauge. Tree 20' high 25' S. Tree 20' high 33' S. S.E.

1947 May adjust for possible loss

1950 Feb. 11th corr for snow. Gauge found sound after testing 14/9/50.

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 Direction from gauge	Parish Church.	Distance Direction from gauge.
1941			Ballater			

BRITISH RAINFALL ORGANIZATION

Station No. *5629*RAINFALL at *Braemar (Serry Lodge)*

51

County of *Aberdeen*Observer *A. G. Booth Esq. M. Eng. Assoc.*River Basin *Ice - 1*

Type of Gauge.....

Annual Average *38.1* in. based on *24* years obs. un-weighted.Period of average *1881-1915* Ref. *S**39.37* " " *35* " " *1916-1950*File No. *1916-1950* *P*

Diameter ...	5"			842	467						
Height ...	1' 0"				1						
Altitude ...	1400'				51						
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	4.15	3.30	2.22	3.01	2.08	2.93	3.74				
February ...	4.39	3.05	2.26	3.64	6.24	2.41	3.55				
March ...	2.57	1.60	0.87	2.33	6.32	2.66	2.31				
April ...	4.30	1.86	2.42	0.94	1.08	1.79	84				
May ...	1.67	3.17	2.76	4.35	2.17	1.38	1.71				
June ...	1.56	2.67	3.38	1.97	1.26	3.04	1.64				
July ...	2.70	1.37	3.39	2.31	.71	3.71	3.48				
August ...	3.01	2.25	2.49	2.77	1.20	6.86	4.19				
September ...	1.56	2.78	3.54	3.44	1.84	4.25	3.30				
October ...	1.24	5.99	1.39	6.07	4.32	4.06	100				
November ...	7.64	3.57	4.17	6.59	1.85	1.96	100				
December ...	4.25	7.94	4.79	6.23	6.39	6.04	100				
TOTALS ...	29.04	39.55	33.68	43.65	34.46	41.09	100				

1951 Fence 4', 7' all round; Tree 20', 25' S; Tree 20', 33' S S E;

1952 Gauge tested and found sound

1955 Jan. Feb. part adj. for snow.

Readings from check gauge from Oct 1957 onward.

Position of Station on Ordnance One-Inch map :

No. of Map.....

National Grid Reference *37/037932*

Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction 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
	✓ D 4.15.17-19	✓ D 4.25-29	✓ D 32-39 A. 40	✓ D 43-50 A. 42	

RAINFALL at Braemar (Derry Lodge) Station No. 5629/1 51
g. sat. Lumber not Derry Lodge *check* *25.8* *4* *E2263058*
 County of Aberdeen Observer AG Booth CK
 River Basin Dee
 Type of Gauge

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

File No.

Diameter ...						5"		842	466		
Height ...						1'			1		
Altitude ...						1400			51		
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...						3.33	4.43	4.02	6.10	4.55	
February ...						2.70	3.93	3.61	0.87	4.59	
March ...						2.80	2.58	3.20	2.18	1.50	
April ...						1.86	.96	2.52	2.78	4.58	
May ...						1.58	1.52	3.62	2.74	1.45	
June ...						3.21	-100	3.01	2.35	2.06	
July ...						3.99		4.53	2.24	2.65	
August ...						7.20		3.48	1.71	3.93	
September ...						4.37	-100	3.36	0.80	2.48	
October ...						4.58	3.00	3.39	6.76	6.20	
November ...						2.26	1.97	1.08	5.59	3.85	
December ...						7.11	4.66	6.10	6.23	3.47	
TOTALS ...						44.94	-100	41.92	40.35	41.31	
								D	D	D	

Ins 21.4.58. G. fairly good. This site is about 100' SW of old site (5629).
 Trees to S. elev 40°-45°. Trees SW 35°-20°. A better sheltered site
 than previously one. Trees to S which theoretically, of course are considered
 unlikely to affect catch as wind unlikely to come from S in this E-W valley.
 June-September 1957 no readings were taken
 1958 Print

Position of Station on Ordnance One-Inch map : No. of Map National Grid Reference 37/036932

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