

RAINFALL AT *Braemore Loch, Drome*

Roo.

Observer.....

Rain { By.....

Gauge { Diameter.....in.

Height above Ground,.....ft.....in.

Above Mean Sea Level.....ft.

*Brom - 7.*

YEAR.....									1868	1869	MEANS.
January.....									#	3.67	
February.....										9.42	
March.....										4.06	
April.....										2.82	
May.....										1.77	
June.....										2.99	
July.....										3.25	
August.....										3.63	
September.....										8.18	
October.....										4.12	
November.....										12.61	
December.....										5.63	
TOTALS.....										74.94	62.15

C C

# RAINFALL AT Braemore Loch (Drome No. 2)

Lat..... Lon..... County of West Ross

Rain Gauge, by..... Observer J. W. Belding Esq.

Brown - 7.

Diameter .....	8										
Height .....	5				7						
Altitude .....	850										
YEAR .....	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEAN.
January.....	1.58	7.28	7.67	15.34	6.69	4.05	6.33	6.33	1.23		
February .....	4.43	2.11	1.89	1.42	2.28	6.28	8.62	4.29	5.33		
March .....	4.39	1.98	2.23	4.41	3.37	9.25	6.25	7.34	7.06		
April .....	.87	4.76	3.51	6.17	2.83	3.76	.83	1.45	1.12		
May .....	1.50	1.75	4.05	1.96	5.17	2.28	1.76	5.13	2.88		
June.....	2.36	4.59	3.09	5.45	3.04	4.36	7.49	1.79	3.74		
July.....	9.57	3.95	5.81	4.07	6.39	1.90	3.63	1.30	6.13		
August.....	4.49	1.98	8.23	8.25	2.70	4.17	5.23	3.20	4.69		
September....	3.20	5.98	8.11	11.07	4.78	5.19	3.05	7.73	4.33		
October.....	4.96	10.62	8.05	10.23	4.75	5.29	8.10	4.91	4.68		
November.....	2.76	9.41	5.84	10.89	7.83	2.30	9.26	14.73	2.20		
December.....	6.12	5.65	15.99	8.53	6.87	3.35	5.15	4.18	6.49		
TOTALS.....	41.13	46.23	60.06	74.47	87.79	56.70	52.18	65.70	62.38	49.88	59.652

C C C

# RAINFALL AT *Lock Broom Lock Drome*

Lat. \_\_\_\_\_

Lon. \_\_\_\_\_

County of *West Ross*

Rain Gauge, by \_\_\_\_\_

Observer *J. D. Baldry, Esq., C.E.*

*L. Broom - 7.*

Diameter ....	8										
Height .....	0.7										
Altitude ....	850										
Year .....	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January ....	4.85	1.14	2.97	4.29	7.75	4.51	6.52	5.97	4.50	4.94	4.744
February ....	5.16	00	3.80	6.84	9.60	8.92	6.67	9.72	10.70	11.75	7.516
March .....	2.75	2.36	0.51	7.37	3.73	5.59	2.78	1.94	8.44	5.26	4.673
April .....	2.35	5.50	4.70	1.58	1.08	3.35	3.72	4.75	8.42	3.42	5.887
May .....	1.74	2.55	2.74	3.87	6.49	6.68	4.29	4.05	8.21	2.38	4.800
June .....	2.61	4.79	3.88	2.07	2.11	5.19	4.05	.80	5.76	1.53	5.279
July .....	7.03	5.40	0.18	7.26	4.07	1.93	5.28	3.89	6.52	2.74	5.030
August .....	.80	2.25	3.62	8.21	3.35	2.15	4.17	6.77	10.88	4.90	4.710
September....	1.46	1.96	5.82	4.71	2.26	8.02	3.68	5.36	3.25	5.17	4.169
October .....	4.95	2.12	2.23	8.21	9.39	12.53	6.32	5.74	12.63	5.04	6.916
November....	5.38	4.90	4.41	6.21	13.00	4.43	7.37	7.72	23.30	9.39	8.611
December ....	4.05	5.15	5.43	9.79	15.54	16.61	7.37	4.40	6.44	4.99	7.977
TOTALS ....	43.13	38.12	52.29	70.41	78.37	79.91	62.22	61.11	109.05	61.51	65.612 ?

1888 Total considerably too large



# RAINFALL AT *Lochbroom Loch Drome*

Lat. \_\_\_\_\_

Lon. \_\_\_\_\_

County of *West Ross*

*L. Broom - 7.*

Rain Gauge, by \_\_\_\_\_

Observer *Sir J. Fowler Bart*

*A. W. Hardy Esq*

Diameter ....	8										
Height .....	0 7										
Altitude ....	850										
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January ....	13.75	6.28	.25	.39	6.56	.13	8.17	1.65	11.45	4.85	
February ....	1.77	5.94	3.53	5.44	6.82	.25	.27	6.80	12.89	5.29	
March .....	11.58	2.74	2.18	5.54	2.53	39	10.43	14.16	5.93	5.32	
April .....	4.24	.41	1.49	1.57	1.34	6.82	8.74	3.60	9.49	6.49	
May .....	2.27	2.46	2.87	7.71	2.42	2.59	8.87	2.45	6.77	4.38	
June .....	5.98	1.84	6.48	2.74	2.51	7.80	5.00	3.87	10.82	1.82	
July .....	6.27	9.87	.43	7.10	7.43	6.80	8.50	5.99	8.63	1.78	
August .....	7.89	4.68	3.61	4.04	5.13	11.84	10.12	5.61	11.09	2.43	
September ....	1.78	4.73	1.99	10.97	.35	7.31	9.50	17.09	4.73	7.09	
October .....	22.91	8.87	9.02	7.59	.00	3.55	9.48	10.97	3.46	11.24	
November ....	11.02	5.22	.90	6.71	4.87	6.81	1.34	11.22	4.45	6.95	
December ....	.45	8.50	.17	6.74	.00	2.52	7.73	11.70	18.48	3.56	
TOTALS ....	89.91	61.54	?	66.54	59.96	56.81	88.15	95.11	108.19	61.20	

1890 Incorrect

1892 " 20 inches too small

1894 "

1895 Jan to April nearly ten inches short.

1898 Too big

1899 Lochbroom Church 9 miles N by W

# RAINFALL AT Loch Doona

Lat. ....

Lon. ....

County of W. Ross

Rain Gauge, by .....

Observer Lady Fowler

Loch Doona etc - 7.

Diameter ..					8						
Height ....					0 7						
Altitude ..					850						
Year ....	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	4.79	1.70	9.37	7.33	5.50	7.99	1.58	6.56	8.10	9.06	
February ..	7.62	1.89	2.37	8.11	8.73	3.07	1.11	5.82	10.50	3.27	
March ....	4.90	8.98	4.35	7.12	6.64	4.52	9.98	6.35	8.22	5.28	
April .....	5.62	4.59	8.66	4.87	9.47	8.82	5.39	3.32	4.10	3.16	
May .....	3.20	1.49	2.89	6.91	6.46	3.14	4.99	2.54	2.03	3.05	
June .....	4.00	7.95	9.51	2.32	2.17	5.60	5.01	5.43	5.17	2.70	
July .....	5.90	3.54	11.12	8.10	5.18	9.67	1.23	3.21	3.10	3.92	
August ....	7.45	9.52	7.00	8.60	6.20	5.77	2.65	7.25	7.20	5.10	
September ..	9.40	5.39	6.11	14.79	4.24	8.40	8.39	3.28	6.57	3.20	
October .....	3.76	4.20	18.30	16.46	6.71	14.98	5.27	2.46	2.10	10.70	
November ..	5.70	4.72	2.94	11.50	7.42	5.36	8.07	4.38	8.20	10.02	
December ..	12.14	1.23	14.40	7.27	11.66	6.66	14.93	7.42	8.58	7.21	
TOTALS ..	74.48	55.20	97.02	103.38	80.38	83.98	68.60	58.02	73.87	66.67	

1905 Loch Doona Church 8 miles W.  
 Game Station 18 . E

1900-3. Values supplied by Rev. Sir Montague Fowler.  
 - See letter dated 7.7.27.

## RAINFALL at

Loch Drome

County of

Ross

Observer

Lady Fowler

River Basin

Loch Broom &amp; Co. 7

Rain Gauge, by

Diameter ...	8										
Height .....	0 7										
Altitude ...	850										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	9.30	4.07	3.19	3.72	6.43	4.70	15.60	1.20	3.40	4.10	
February ...	5.28	7.29	5.52	3.26	7.20	6.90	7.90	1.50	8.40	3.15	
March .....	4.50	4.10	5.50	8.70	5.24	6.73	8.60	6.20	7.15	7.50	
April .....	8.26	6.20	6.10	4.92	5.32	8.20	3.40	5.30	1.10	10.30	
May .....	4.52	1.03	2.60	3.51	5.54	1.29	3.25	.70	.22	.90	
June .....	3.47	5.10	3.50	6.62	1.92	.90	3.65	1.70	4.00	10.08	
July .....	4.20	3.49	2.96	2.30	5.80	4.63	4.40	.22	8.10	2.50	
August .....	6.33	2.60	5.22	1.85	4.20	7.50	2.40	7.32	8.24	7.36	
September ..	3.04	3.45	6.16	2.23	5.45	3.90	3.15	5.44	9.45	9.15	
October ...	3.15	2.90	6.18	5.92	3.63	3.20	13.50	7.21	7.86	5.40	
November ..	7.40	4.50	10.54	8.74	8.30	4.70	6.55	19.25	6.46	7.05	
December ...	7.10	4.40	12.33	9.55	7.80	6.73	5.40	5.10	6.20	9.30	
TOTALS ...	66.55	49.13	69.80	61.32	66.83	59.38	77.86	61.14	69.64	76.79	

1915-29. Values supplied by Rev. Sir Montague Fowler.  
- See letter dated 7.7.27.

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1911			Garve	25 mls	E.	Lochbroom		



RAINFALL at Loch DromeCounty of Koss & Cromarty Observer Rev Sir Montague Fowler BtRiver Basin Loch Broom & C.

Rain Gauge, by \_\_\_\_\_

Diameter ...							8					
Height .....							0.7					
Altitude ...	850											
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930. MEANS.	
January ...	11.30	17.30	7.10	14.70	7.33	11.70	8.00	10.30	11.12	1.16	10.12	
February ...	14.50	2.65	9.20	3.90	8.60	9.33	4.90	2.40	9.15	1.35	1.67	
March .....	8.40	7.10	4.90	1.45	7.40	9.65	9.20	4.60	3.22	1.47	3.60	
April .....	5.35	2.80	5.10	4.35	5.15	5.45	4.20	9.25	2.75	4.60	3.00	
May .....	5.70	5.10	9.42	8.50	3.45	5.16	4.30	4.00	4.00	2.40	5.60	
June .....	1.85	2.80	5.30	6.15	3.54	1.40	3.55	7.00	4.50	3.60	3.60	
July .....	4.50	2.75	4.10	4.44	5.62	3.50	2.80	2.80	5.50	3.12	4.00	
August .....	2.50	3.18	6.16	8.50	8.60	2.50	4.50	4.50	6.50	6.70	7.85	
September...	7.10	4.70	2.55	5.59	8.71	9.00	4.60	7.40	5.26	4.00	4.86	
October .....	2.50	8.40	3.12	10.90	4.80	5.50	7.70	8.10	6.50	9.90	10.65	
November...	6.35	1.30	6.20	6.70	2.90	3.30	6.10	7.60	10.60	5.25	10.76	
December...	4.60	14.60	8.40	8.64	10.70	8.50	6.30	5.50	9.40	9.15	6.00	
TOTALS...	74.65	72.68	71.55	83.82	76.80	74.99	66.15	68.45	78.50	52.79	71.71	

1920-26. Values supplied by Rev. Sir Montague Fowler.  
- See letter dated 7.7.27.

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	Parish Church.	Distance from gauge	Direction

RAINFALL at Loch Drome

County of Ross & Cromarty Observer Rev. Sir Montague Fowler, Bt.

River Basin Loch Broom &c.

Type of Gauge

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

Diameter	8										
Height	9 0.7										
Altitude	922 908	870									
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	9.00	9.00									
February	8.62	2.00									
March	2.20	4.00									
April	6.00	6.50									
May	4.00	3.30									
June	5.00	.72									
July	4.50	5.54									
August	1.50	4.00									
September	1.72	6.52									
October	6.00	8.62									
November	5.00	9.50									
December	10.77	7.66									
TOTALS	64.31	67.36	NR.								

An av. of 69.0 in. compiled for Survey (1943-44) on 50 years, appears satisfactory.

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



Station No. 5782

RAINFALL at *Lock Drama*

41

County of *Leam & Crumarty*Observer *N.G.S. Hydro Electric Board*

River Basin .....

Type of Gauge *Bradford*

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

File No. ....

Diameter			746	860	5						
Height				1	1' 0"						
Altitude				4	940'						
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January						-100	5.67	9.09	13.39	7.05	
February							(.74)	6.65	8.71	6.03	
March							(1.86)	5.58	3.87	5.02	
April							11.69	6.83	7.21	8.75	
May							2.04	3.44	3.34	1.92	
June							3.73	4.08	2.51	5.23	
July						# -100	3.43	4.56	2.67	5.05	
August						4.75	.35	5.55	6.14	4.67	
September						8.52	9.73	7.09	3.72	14.05	
October						1.68	4.47	7.48	3.90	7.34	
November						7.36	11.85	7.45	5.94	5.14	
December						5.95	6.56	7.10	14.55	4.32	
TOTALS						-100 me	62.12	74.90	75.94	74.60	

1946. House 30' high, 130' S; In slight depression in open ground  
 1946. n.p. me 1947 Feb. & Mar. adj. for snow.

30004

+ Housed 59

Position of Station on reduced Ordnance Survey Map,  
1 mile to 1 inch Series

No. of Map .....

Reference No. 28-253758

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge	Direction from gauge
1946.			Acharatt	9 m.	S.	Acharatt	9 m.	S.

BRITISH RAINFALL ORGANIZATION

Station No. 5780

RAINFALL at Lack Drama

51

County of Ross & Cromarty Observer N. of S. Hydro Electric Bd.River Basin 7Type of Gauge BradfordAnnual Average 62.3 in. based on 64.6 years obs. un-weighted. Period of average Ref.

File No.

Diameter ...	5"				740	860	* moved				
Height ...	10"					1					
Altitude ...	940'					51			915'		
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	6.00	-1.00	6.37	5.38	4.50	6.13	9.17	7.78	6.03	5.22	
February ...	4.30		7.51	3.03	3.41	5.84	4.33	8.14	3.62	3.83	
March ...	3.16		3.00	3.05	1.93	2.44	4.72	(3.51)	2.90	1.02	
April ...	7.81		3.21	2.80	3.83	4.14	2.66	3.67	5.29	7.58	
May ...	2.87	-1.00	3.57	4.94	3.39	5.50	2.26	6.57	2.63	2.03	
June ...	8.94	5.15	2.99	4.12	2.18	3.36	3.27	(3.41)	5.65	6.74	
July ...	3.11	3.79	5.76	5.41	1.00	7.55	5.86	2.96	2.63	3.34	
August ...	-1.00	4.99	4.77	1.84	1.12	8.75	8.53	6.29	3.78	5.64	
September ...		8.81	4.19	8.57	6.25	3.59	9.68	3.52	1.63	3.41	
October ...		9.75	2.73	9.40	8.24	9.20	9.47	7.76	10.73	2.35	
November ...		6.49	10.43	7.48	3.31	9.15	3.87	2.74	2.45	3.45	
December ...	-1.00	9.52	5.14	11.31	10.68	10.29	11.52	6.66	8.65	8.73	
TOTALS ...	-1.00 INC NP	-1.00 INC NP	59.67	67.33	49.84	75.94	75.74	63.01	66.16	53.34	

1906 House 50 ft. 130' S. In slight depression in open ground.

1951 N.P. incomplete. Gauge inspected.

1952. Gauge repaired 18.21. V. 53.

13 May 1959. N.S.H.B. Site appears to have changed since 1951 viz. Now are a  
Rnoll directly beneath transmission wires. G. moved into a hollow  
1/2 mile S.E. and 15' above road1959. n.p. gauge moved.  
1960 Pint

Old site 28/25758

Position of Station on Ordnance One-Inch map :

No. of Map.....

National Grid Reference

28/257755

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge.	Parish Church.	Distance from gauge.	Direction from gauge.
1946			Achanarr	92	S	Achanarr	92	S

Summary of Earlier Records from 10-year Sheets :

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
				1946 - inc 1947 - d 1948 - d 1949 - so d	

RAINFALL at Upper Mullardoch Loch Brown Station No. 6767/3 5780  
County of Ross & Cromarty Observer H. S. Hayano-Electric Board  
River Basin 2 Beaulay  
Type of Gauge \_\_\_\_\_

Ref.

File No.

Diameter ...								740	849			
Height ...								/	1			
Altitude ...								51	915'	<del>410'</del>		
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means	
January ...								-100	522			
February ...								-100	383			
March ...								-100	102			
April ...								-100	758'			
May ...								263	203			
June ...								585	674			
July ...								863	334			
August ...								370	564			
September ...								197	341			
October ...								1073	235'			
November ...								745	345			
December ...								638	873			
TOTALS ...								-100	5334			

5. installed late 1960

*Position of Station on Ordnance One-Inch map:*

No. of Map **26**

National Grid Reference 28/000000

Date	Lat. N.	Long.	Railway Station	Distance Direction from gauge	Parish Church	Distance Direction from gauge

#### Summary of Earlier Records from 10-year Sheets:

	1910-19	1920-30	1931-40	1941-50	1951-60
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