

RAINFALL AT Kinlochquich

Lat. _____ Lon. _____ County of Inverness-shire

Snowdon Rain Gauge, by _____ Observer (W. M. Christie Esq)

Res. Garry TC - 7. Chas. Mackenzie Esq. (09)

Diameter ...										5	
Height										1 0	
Altitude ...										560	
Year ...	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ...										16.72	
February ...										10.68	
March										1.07	
April										5.05	
May										7.60	
June										13.6	
July										11.53	
August										10.54	
September ..										5.40	
October ...										17.62	
November ..									12.67	13.58	
December ...										11.33	
TOTALS ...										112.48	

1909. Invergarry Church 26 miles E.
 " Station 30 " E.

RAINFALL at Loch Quoich, Kinlochquoich 5709

County of Inverness Observer Chas. Mackenzie Esq.
 River Basin Ness, Garry & Co. 7 Capt. D. W. Cameron (1911)
C.E. 1913
 Rain Gauge, by _____

Diameter ...	5											
Height	1	0										
Altitude ...	560	7										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.	
January ...	14.50	11.17	8.55	9.76	12.13	17.60	33.87	9.25	10.88	7.20		
February ...	13.46	17.12	8.28	14.45	15.20	12.48	13.55	3.02	23.91	.75		
March	9.60	7.51	12.08	15.30	9.20	10.15	6.48	8.75	4.43	7.18		
April	10.15	11.91	19.59	9.28	12.61	13.38	10.36	5.35	2.69	14.52		
May	10.01	6.46	4.12	8.61	6.66	2.30	6.45	3.82	3.16	2.08		
June	3.02	6.29	4.39	10.49	5.01	.74	8.89	6.80	7.11	15.72		
July	4.51	7.38	5.47	1.80	6.23	7.42	6.51	3.58	9.58	3.61		
August	11.15	10.26	5.80	3.97	10.31	7.55	4.55	11.40	16.53	11.85		
September ..	4.05	11.08	9.03	4.38	9.40	2.92	8.41	19.29	17.31	16.69		
October ...	7.86	5.64	16.05	14.36	3.92	3.49	25.11	28.68	20.62	4.60		
November ..	6.86	14.82	20.60	29.34	19.83	5.17	18.89	36.02	15.93	12.33		
December ...	14.58	16.47	26.92	20.70	16.82	9.82	6.97	12.68	13.77	15.63		
TOTALS ...	109.75	126.11	140.88	142.44	127.32	93.02	144.04	145.64	145.92	112.16		

1918 "g. temporarily in an over-exposed place" Replaced XI-18.

g. moved about 50 yds. since 1916 to very exposed place. Previously had
 little shelter from back a few yds. on W. Suggested moving back but
 probably not done (Wm. Christie)
 2. 11. 18

Date.	Lat. N.	Long. N.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1911.	(1914) 57° 3'	5° 22'	Invergarry	30 mls.	E.			

RAINFALL at Loch Duich, KinlochquichCounty of InvernessObserver Col. D. W. CameronRiver Basin Ness - Garry & C. J.D. G. Logan (1921) J. Kennedy
A. Foster (1922) A. Foster 1922

Rain Gauge, by _____

Diameter ...	5			5							
Height	10			10							
Altitude ...	560			560							
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MEAN
January ...	22.25	28.70	11.08	24.25	10.83	15.95	17.26	20.10	22.22	3.14	19.37
February ...	27.44	11.48	(10.13)	7.69	8.25	10.69	8.60	5.29	16.42	2.53	1.36
March	20.58	20.52	(4.44)	4.59	1.16	7.19	17.95	8.33	7.44	3.62	7.76
April	6.34	4.28	4.78	4.65	7.83	8.93	5.20	16.60	4.26	3.57	4.85
May	12.69	7.41	15.43	6.69	3.95	10.56	4.36	4.43	1.24	6.00	9.44
June	5.12	2.87	6.56	7.63	10.35	3.61	5.27	8.19	9.80	5.85	6.46
July	9.50	7.20	6.60	8.94	10.97	3.41	6.82	4.38	15.06	5.10	2.64
August	6.47	6.18	7.22	9.53	6.98	4.30	9.88	6.73	6.88	.	12.07
September...	7.45	9.48	5.86	17.56	15.79	7.74	12.76	10.80	7.80	.	6.12
October	4.24	15.17	4.56	22.53	7.62	10.37	7.33	12.16	15.08	24.36	16.76
November...	14.40	2.60	7.50	10.20	7.71	(2.50)	10.97	11.61	13.11	12.47	16.24
December...	9.33	32.17	14.11	10.64	25.13	13.16	14.03	0.59	11.37	18.24	14.97
TOTALS...	145.81	148.36	98.27	134.90	116.57	98.41	120.43	109.01	130.71	imp.	118.04
	d	d	d	d	d	d	d	d	d	imp.	d

1922 Feb. & March and. Interpolation accepted.

1925. Obs. mislaid Nov. record

1927. Break in record, Aug - Sept.

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

Reference No. _____

Date.	Lat. N.	Long. W.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge	Direction from gauge
	57° 3'	6° 22'	Invergarry	30 mi	E			

RAINFALL at Loch Duich (Hirtachgarich)County of InvernessObserver Col. D. W. Cameron of Lochbail.River Basin Y. Ness - Garry etc.

Type of Gauge

Annual Average 119.3 in. based on 25 years obs. un-weighted. Period of average 1881-1915 Ref. S

Diameter	5											
Height	1.0											
Altitude	560						580					
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	
January	10.98	29.49	17.53	(25.59)	14.42	4.91	20.00	25.27	6.85	6.65		
February	9.84	55	9.88	(8.00)	15.45	3.22	8.33	21.70	27.46	4.80		
March	26	2.86	4.09	(6.00)	6.67	5.29	1.34	27.28	13.52	8.80		
April	4.89	10.95	12.96	(8.00)	3.38	3.04	3.00	7.19	7.73	5.84		
May	9.90	3.18	18.9	(10.80)	1.44	3.03	4.88	5.35	3.49	1.67		
June	5.37	2.33	4.64	2.97	2.60	2.46	9.68	14.67	5.13			
July	7.27	8.98	6.65	6.74	8.41	6.33	6.19	7.71	9.55			
August	2.23	6.51	5.70	13.00	8.72	6.60	4.24	6.65	5.12			
September	2.40	15.49	(1.80)	17.14	15.08	5.01	12.86	9.20	3.12			
October	16.44	14.85	(10.70)	23.34	24.47	18.38	5.98	24.37	4.26			
November	12.81	20.19	(3.70)	8.75	8.84	9.68	2.37	31.69	17.53	22.03		
December	22.15	13.43	(2.90)	13.77	(7.10)	25.06	1.80	(13.42)	6.59	17.40		
TOTALS	107.84	129.81	(82.14)	(144.01)	116.58	93.01	80.67	205.10	110.35	..		
	d	2		np	d	d	d	d	d	np imp		

1933 Values for Sept - Dec. computed by interpolating data

1934 " " Jan - May " "

1936 Dec 15.20 part. estimated.

1938 Dec. partly est. for snow.

1940. Obs suspended June-Oct.

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

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

Station No. 5709

RAINFALL at Loch Quoich (Kinlochquich)

41

County of Inverness

Observer Lt. V. D. Cameron of Lochiel

River Basin 7 - Ness Gully & C.

on J. Macmillan (June 1945).

Type of Gauge 1.2

Major Cameron of Lochiel 1947

Annual Average 117.1 in. based on 25 years obs. up-weighted. Period of average 1881-1915 Ref. 51WS

File No.

Diameter	5"										
Height	1' 0"										
Altitude	580'										
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	94			28.55	9.12	16.99		12.98	18.30	16.36	
February	968			8.15	22.93	12.32	70	12.81	17.86	10.20	
March			13.58	6.86	22.60	4.83	2.32	12.29	12.44	10.40	
April			17.72	8.58	5.95		20.80	11.93	22.99	13.73	
May				11.94	(8.50)		2.88	2.57	6.58	4.00	
June				13.67	(12.71)			6.79		8.91	
July			6.40	2.31	3.60		5.19	7.38		8.92	
August			12.10	12.41	5.24			10.47		12.56	
September			14.36	9.11	12.92			21.81		24.70	
October			27.32	15.51	6.61			17.57		17.45	
November			10.50	16.82	1.56			11.39		10.31	
December			12.63	11.44	10.54			15.71		9.25	
TOTALS	n.p. NR	NR	n.p. inc	142.35	(22.28)	inc n.p.	inc n.p.	143.70	Inc a	146.79 a	

Observer left to work shipyard.

1944 NR. 1944 Total possibly high
1945 May & June est'd. - March looks big - but see note re loan (Sta. 5708).

1946 n.p. inc. resumed 1947.

1947 n.p. inc. Observer was evacuated from the area.

1950 May & June kept lat. ref. surrounding stations

Average (17.1) recorded 1946

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

BRITISH RAINFALL ORGANIZATION

Station No. 5709RAINFALL at Loch Auch (Kinlochquich) 51County of InvernessObserver Major Cameron of LochielRiver Basin 7-hess - Garry etc.Type of Gauge M.O. (on beam)Annual Average 11.7 in. based on 15 years obs. wt.-weighted. Period of average 1881-1915 Ref. 1WS

File No.

Diameter ...	5"										
Height ...	1' 0"										
Altitude ...	580'		413'								
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	17.52	13.66	16.32		6.85						
February ...	7.19	11.68	12.10		5.90						
March ...	7.61	9.65	5.21	7.80	1.75						
April ...	10.86	5.85	8.75	3.10	6.55						
May ...	1.16	4.97	6.95	4.58	5.25						
June ...	4.15	9.41	(1.80)	8.42	6.25						
July ...	9.89	7.08	(9.50)	5.75							
August ...	12.03	11.00	(11.00)	8.10							
September ...	9.28	14.80	(11.50)	13.48							
October ...	6.38	16.04	(13.00)	19.35							
November ...	16.49	8.70	27.45	15.45							
December ...	23.43	13.04	12.62	21.73							
TOTALS ...	125.99 107	125.88 107	(136.20)	via NP	Inc NP	NIR					

1913 g. forked off and for heating repairs 20.10.13 h.p. for mend. of pulley 35 in.
 1/1/54 monthly gauge omitted as old daily gauge in garden beside stables cottage. dit not used by 7.10.54. Poor site. Better site found but leave at present because of
 heavy overlapping programme.

Position of Station on Ordnance One-Inch map :

No. of Map.....

National Grid Reference 18 92009 971005

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
✓		1920-28. incl 29 26	1931-39. 4.6.41 Dist. 2.1.41	✓ 2.2.42. NP 41.43.44.47.49 2.1.44 d 1950	
✓		D. 22.26-28 11.21-21.32-25 36	d 31.32. 25-39 36		

Station No. 5709/22

51

RAINFALL at Loch Duich (Kinlochquich)County of InvernessObserver L. H. S. Hydro-Electric Board.

River Basin.....

Type of Gauge..... M.O. 1044/27/24

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

File No.....

Diameter ...			5"	5"		798	333				
Height ...			0 8"	1'			1				
Altitude ...			713	713'			51		675'		
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...				-100	8.63	11.85	(25.20)	14.00	6.12	8.29	
February ...				Imp	6.19	10.08	(9.20)	9.94	13.10	7.32	
March ...				8.32	2.63	6.00	13.00	6.70	11.10	4.95	
April ...				4.82	3.56	10.25	5.30	9.00	8.86	14.45	
May ...				5.19	6.41	13.60	3.13	11.00	3.56	4.24	
June ...				9.98	7.40	6.80	7.57	2.50	12.75	7.21	
July ...				10.10	1.96	9.90	10.56	4.00	14.10	6.46	
August ...				10.48	3.69	8.00	13.25	7.40	13.12	7.63	
September ...				16.77	18.01	10.30	16.06	7.61	5.49	8.53	
October ...				23.08	19.45	17.80	24.08	17.00	18.22	1.77	
November ...				17.72	(9.11)	22.75	7.51	3.64	13.51	12.00	
December ...				30.88	(23.41)	25.60	26.00	10.63	15.73	15.49	
TOTALS ...				Imp	115.45	152.93	160.83	103.42	135.66	98.34	
				d.			M	17.	M.	N.P.	

Inst. 3/7/54 the branna g. sound. Ground closer down from N.S. ditch bank 6' down to level of road 15' to S. of g. Inst. wall suggested but on account of mag. cont. in area the inst. should be narrowed in 2-3'.

Inst. wall erected following advice of 9/7/54 & g. removed to 1'.

In April 1954 G. Reay. O.E. T.W. built in 1954 now flat. Suggest overlap g. at a site selected 18 months ago.

1960 N.P. check.

00034

00000

Position of Station on Ordnance One-Inch map : No. of Map..... National Grid Reference 18 96107

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

Air Ministry, Meteorological Office

RAINFALL at

Kinlochquich (Overlap gauge).

Station No.

5709/21

County of

Inverness.

Observer

N. J. S. Hynds - Electric Board.

River Basin

Type of Gauge

M.O.

Annual Average 14.6 In. based on years obs. un-weighted. Period of average

Ref.

File No.

Diameter ...					798	232				5"	
Height ...						1				10"	
Altitude ...						51				675	
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...									-100	8.37	
February ...										8.11	
March ...										8.50	
April ...										15.50	
May ...									-100	4.55	
June ...									12.75	7.45	
July ...									14.52	6.42	
August ...									13.40	7.71	
September ...									5.51	8.41	
October ...									18.57	1.84	
November ...									13.53	12.04	
December ...									16.22	15.52	
TOTALS ...									-100 A.P.	101.42 M.	

1969 n.p. inc.

Position of Station on Ordnance One-Inch map:

No. of Map

National Grid Reference

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
Record D, or d					