

RAINFALL AT Reay Landside

Lat.

Lon.

County of

Cairnbaan

Rain Gauge, by _____

Observer

Met Office

Forso &c - 4.

Macaulay

Diameter ...								8		
Height								10		
Altitude ...								56 T		
Year ...	1900	1901	1902	1903	1904	1905	1906	1907	1908	MEANS.
January ...							3.13	4.66	2.89	3.43
February ...							5.40	2.68	3.15	1.65
March							2.27	2.39	3.68	2.84
April							1.93	2.43	2.60	2.20
May							3.13	1.84	2.36	1.98
June.....							1.39	4.05	2.03	2.21
July							2.01	1.50	1.55	2.33
August.....							8.65	4.40	1.61	3.69
September ..							2.05	.89	4.90	2.16
October ...							2.71	2.02	1.09	3.88
November ..							6.04	1.83	3.71	6.80
December...							3.91	2.85	2.66	3.69
TOTALS ...							37.62	31.04	32.23	36.86
							3	0	0	3

1908. Reay Church $\frac{1}{4}$ mile W.

Thurso Station 11 miles E.

Daily values in bound volume, shelf C4, R. 14.

RAINFALL at

Reay { ^{Mayne} [Sandside to 1.VIII.10]

County of

Caithness

Observer

Nicol Mc Nicol Esq.

River Basin

North Coast Streams 4

Rev. Dugald Carmichael (1911)

M.O. Rain Gauge, by Hicks
pattern.

Diameter ...	8						x			8	
Height	10										
Altitude ...	120T		50T			49					
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	5.18	234	246	1.62	2.60	2.48	461	4.87	3.36	3.09	1593
February ...	2.71	291	255	1.60	2.57	3.04	2.94	.61	2.80	1.76	811
March	1.92	296	386	3.15	3.52	3.00	2.34	2.24	1.50	3.22	930
April	5.14	243	3.40	1.34	1.36	2.31	2.29	2.77	1.15	3.69	990
May	2.39	1.52	2.41	2.07	2.81	.69	3.42	1.81	1.25	.26	674
June	1.18	300	282	1.52	1.33	.52	3.62	4.17	3.16	2.97	1392
July	2.91	540	1.62	1.11	3.36	4.18	1.59	1.64	6.16	.98	1037
August.....	6.44	1.20	4.73	.99	2.16	1.67	1.14	3.34	4.26	5.09	1413
September ..	1.49	3.32	1.05	2.24	3.07	6.05	2.05	4.42	4.26	4.10	1483
October ...	1.56	2.78	3.38	1.99	1.79	3.31	4.04	7.38	2.40	2.78	1660
November ..	7.31	4.11	3.76	4.81	4.74	4.09	3.89	6.39	3.06	6.51	1485
December ...	4.89	3.99	3.63	4.84	4.29	7.61	3.95	3.37	4.74	4.70	1676
TOTALS ...	43.12	(35.96)	35.67	26.78	33.60	38.95	36.18	43.01	38.10	39.15	15644

D D D D

1910. Aug. 1st. G. moved 1 mile ESE.

Cultivation 20/5/15. Willow Hedge 7 yds W. S. Hedge 6yds. House 21 yds E.
~~2 ft hedge 10 yds N. 1 ft hedge 12 yds E. 1 ft hedge 12 yds W. 1 ft hedge 12 yds S.~~
 6 ft low shelter position on 3/7/15.

1910-15 Daily values in barrel volume, half C4, R. 12.

Date.	Lat. N.	Long. W.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1911.			Thurso	11 $\frac{3}{4}$ mls.	E.	Reay	400 yds.	WNW
1912	58.33	3.46						
1914	58.33	0		10 $\frac{1}{2}$ m.			350 yds.	W. Lyne

RAINFALL at Peary The Mense

County of Caithness

Observer Rev. Dugald Carmichael

River Basin Forss & C. 4

Rain Gauge, by _____

Diameter ...	6		8									
Height	1	0		1	0							
Altitude ...	49			49								
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1920 MEANS.	
January ...	4.34	4.41	3.86	4.74	2.63	3.39	2.21	2.96	5.53	2.07	2.67	3.861
February ...	3.23	1.37	2.01	4.31	3.03	4.11	1.65	1.84	3.37	.96	1.84	2.722
March	2.84	2.72	2.00	.59	3.10	2.89	3.07	2.55	2.04	.53	2.87	2.620
April	2.39	1.14	3.78	2.51	2.22	2.17	2.05	4.21	1.50	2.18	.98	2.513
May	3.18	2.67	1.82	3.79	2.29	2.24	2.07	2.03	1.26	2.02	1.87	2.324
June	1.43	1.61	2.45	3.09	1.86	1.09	2.03	4.29	2.41	3.73	2.26	2.678
July	1.95	1.97	2.98	3.23	3.16	2.47	1.92	.91	2.67	1.66	1.90	2.482
August	1.78	3.09	2.93	6.02	3.53	2.10	2.33	2.03	2.25	4.39	7.74	3.821
September...	4.03	3.93	2.48	3.94	5.11	5.59	3.05	4.76	2.60	4.04	2.80	4.233
October.....	1.14	4.20	1.67	6.07	2.24	4.62	6.64	5.54	3.11	5.49	4.60	4.532
November...	3.72	2.39	3.14	5.52	2.30	2.80	3.50	4.50	4.29	3.08	6.26	4.150
December...	2.08	6.08	3.23	4.66	2.12	4.04	4.52	1.12	3.25	8.74	3.15	4.207
TOTALS...	32.11	35.58	32.35	48.45	33.61	37.51	35.04	36.44	34.81	38.89	38.24	40.333

*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
1920	58°35'	3°46'	Thurso	11 mi	E	Reay	300 yds	W

RAINFALL at Reay (The mance.)

County of Caithness

Observer Rev. Dugald Carmichael.

River Basin. 4 - Horrocks C.

Type of Gauge * MO

Annual Average 31.2 in. based on 22 years obs. un-weighted. Period of average 1881-1915 Ref. 5

Diameter	9.	Height	10.	Altitude	49.	Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	4.35	4.19	1.85	1.93	4.21	5.57	5.11	4.93	4.45	2.73	39.22						
February	4.81	1.04	4.61	2.99	3.10	1.94	5.31	2.42	2.27	1.00	29.44						
March	1.80	3.19	1.89	3.38	2.82	1.28	3.26	2.61	2.48	2.99	25.70						
April	2.51	2.87	1.67	5.35	2.70	1.49	.48	1.25	1.23	3.23	22.78						
May	3.45	2.93	0.83	2.29	.89	1.49	1.14	2.14	.89	1.54	17.94						
June	2.53	.67	1.65	2.24	2.32	.78	2.92	3.65	2.01	2.33	21.00						
July	4.56	3.64	3.35	5.31	1.70	5.26	2.72	4.96	4.42	7.78	43.70						
August	1.41	2.69	3.43	4.83	3.87	2.68	2.24	2.43	2.60	3.03	29.21						
September	1.34	5.04	0.71	1.65	3.36	2.29	2.66	2.34	1.75	3.63	26.67						
October	3.75	6.60	4.12	6.19	6.75	4.87	2.22	3.71	2.44	2.86	44.51						
November	2.11	3.39	3.43	2.34	4.22	2.72	2.14	4.62	6.03	4.83	35.86						
December	4.80	1.75	1.11	3.03	3.71	3.48	1.79	2.59	4.32	2.50	29.08						
TOTALS	37.42	36.90	28.65	41.53	41.65	32.86	31.92	39.90	34.86	38.45	36.516						

1936 Wall 3' high 10 yds. E & W: Tree 10' high 12 yds. E

+ inspected 9:39. Very good site. surrounding ground is flat.

* New M.O gauge supplied 24.7.41. measure (in loan).

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

Reference No.

RAINFALL at Beauly (Sutherland)County of CairnbaanObserver Capt. A. H. TaylorRiver Basin H - Foss & L.Type of Gauge Standard

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

Diameter
Height
Altitude
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January							2.30	3.70			
February							2.21	2.04			
March							3.09	2.54			
April							1.05	1.02			
May							.23	2.31			
June							1.10	3.38			
July							2.42	4.09			
August							2.46				
September							2.30				
October							2.07				
November							1.53				
December							1.63				
TOTALS							22.39			

Inspected by M.C. Arlidge 10/9/38. who writes: Good exposure on small lawn at the back of hedge. Gauge - measure not tested but appear to be in excellent condition.

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

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

Station No.

5816

RAINFALL at Reay (The Manse)

41

County of Caithness

Observer Rev. Dugald Carmichael ^{died 1944}

River Basin H-Fors & C

Miss Elizabeth R. Begg.

Type of Gauge M.O.

The Rev. A.P. Begg 745

Annual Average 36.2 in. based on 22 years obs. un-weighted. Period of average 1881-1915 Ref. S

File No.

Diameter	9"			455	341						
Height	1' 0"				1						
Altitude	491				41						
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	327	5.07	2.35	5.14	(4.42)	2.26	3.05	(4.00)	4.61	(4.10)	32.27
February	2.61	4.04	4.21	2.14	2.12	4.98	1.22	2.76	3.19	(2.90)	30.80
March	1.93	1.16	1.85	2.88	1.39	2.52	(2.00)	1.66	3.51	2.37	21.27
April	1.65	1.34	2.76	2.13	2.88	2.04	2.36	2.00	2.50	(3.95)	23.61
May	1.61	1.83	1.52	2.83	(3.20)	(1.47)	1.40	1.66	2.52	(6.85)	18.89
June	0.85	1.64	1.18	4.03	(2.50)	(2.60)	1.81	1.61	1.40	(3.00)	20.62
July	1.46	4.07	2.68	1.48	(2.50)	4.11	1.51	1.93	1.68	(2.80)	24.22
August	5.42	1.68	3.15	1.66	2.82	3.23	2.20	3.04	4.41	(1.50)	27.11
September	1.33	4.42	3.33	4.38	3.46	2.90	5.28	3.41	2.12	(8.10)	38.73
October	4.45	6.36	2.57	3.69	4.78	0.61	2.59	5.06	(2.20)	3.22	35.53
November	3.87	2.47	5.79	5.92	2.51	4.35	4.99	3.20	(3.40)	5.04	41.54
December	3.48	4.60	2.94	3.18	6.00	2.98	4.22	4.73	(6.47)	(4.27)	43.47
TOTALS	31.93	38.71	34.33	40.66	38.58	with (34.05)	30.63	35.06	38.01	(42.10)	366.06

Sept 1944 g. moved 100 yds W. from manse to old manse.

1945 g. moved 100 yds E. back to manse.

appr NW
16.50SW

(July) Four walls 3' high 12'-20' N.E.S.W.

1946. May + June part est. by ref to surv. stns 10004 40004 00070 67710

1947 man. est. (obs. ill) April part est. Dec - part est. obs. away.

1948 Oct - Dec. App. 1949 - Jan. est.

1949 Oct Nov Jan. App. Nov. 1950

Jan, Feb. Mar. Apr. May, June, July 1950. app. by m.o. 1st est. n.p. too much est.

43404 03004

Gauge measure on roof

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

Station No. 5816

RAINFALL at Peay (The House)

County of Caithness

Observer The Rev. A.P. Boagie

River Basin 4 - Firths & C.

Rev. D. M. Mackenzie (1956)

Type of Gauge M.O. (in. rain.)

Annual Average 36.2 in. based on 32 years obs. - weighted. Period of average 1881-1915 Ref. S
 36.83 - 35 - 1916-1950 1916-1950 P
 File No.

Diameter	9"										
Height	1' 0"										
Altitude	49'										
Year	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January	(3.00)	(4.50)	3.79	5.44							
February	(3.85)	(2.50)	(2.75)	2.25							
March	(3.40)	(2.50)	(1.53)	2.34							
April	(3.12)	(1.61)	(2.75)	1.31							
May	-	.54	(2.15)	(2.53)	2.65						
June	-	1.70	(2.35)	(1.67)	(4.70)						
July	-	(3.60)	(2.07)	(5.00)	(3.83)						
August	-	(3.30)	(3.00)	(2.00)							
September	-	1.02	(3.71)	(2.72)							
October	-	(2.10)	3.71	1.05							
November	-	(6.70)	(4.50)	(3.10)							
December	-	4.29	(3.58)	(2.58)							
TOTALS	(36.62)	(35.20)	31.47	n.p.							
	1946	Four walls 8' high	12'-20'	N.E. 5.0 W.							

1951 n.p. too much estimation.

1952 Obs leaving area formerly in Northern Orkney's to find someone else to carry on regular readings failing this equipment will be returned to Met. Record kept over for this year

1952 n.p. too much est.

1953 n.p. too much est.

1954 n.p. incomplete (station terminated)

1956 G. may be transferred from School house (5816/1) to reasonable site in Maineyde. 19 Oldish station (41 ft E 200 32/56) transfer to place + Rev. Mackenzie signed Acceptance form (Clean) for this

Position of Station on Ordnance One-Inch map : No. of Map National Grid Reference 39/971648

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

Summary of Earlier Records from 10-year Sheets :

1916-1950, P- (Shaded) accepted

	1910-19	1920-30	1931-40	1941-50	1951-60
Record D. or d	v	v	v	1941-44 D 1945-50 wyo 1946-49 d 1950 NP	
	v	v	v		