

RAINFALL AT

Reay landside

Lat. _____

Lon. _____

County of *Caithness*

Rain Gauge, by _____

Observer *Met Office*

Form TC - 4.

J Macaulay

Diameter ...								8			
Height								10			
Altitude ...								56T			
Year ...	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ...							3.13	4.66	2.89	3.43	
February ...							5.40	2.69	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							3.65	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	
							2	D	D	2	

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

Thurso Station 11 miles E.

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

RAINFALL at

Reay, ^{Mayse} [Sandside to 1-VIII-10] 10 5816

County of Caithness

Observer Nicol Mac Nicol Esq.

River Basin North Coast, Streams 4

Rev. Dugald Carmichael (1911)

M.O. Rain Gauge, by Hicks.
pattern.

Diameter ...	8							8			
Height	1 0										
Altitude ...	120T		50T			49					
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	5.18	2.34	2.46	1.62	2.60	2.48	4.61	4.87	3.36	3.09	1593
February ...	2.71	2.91	2.55	1.60	2.57	3.04	2.94	4.61	2.80	2.76	811
March	1.92	2.96	3.86	3.15	3.52	3.00	2.34	2.24	1.50	3.22	930
April	5.14	2.43	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	6.9	3.42	1.81	1.25	2.6	674
June	1.18	3.00	2.82	1.52	1.33	5.2	3.62	4.17	3.16	2.97	1392
July	2.91	5.40	1.62	1.11	3.36	4.18	1.59	1.64	6.16	9.8	1037
August	6.44	1.20	4.73	.99	2.16	1.67	1.44	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	4.31	4.74	4.09	2.89	6.39	3.06	6.51	1985
December ...	4.89	3.99	3.63	4.84	4.29	7.61	2.95	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

1912. Aug. 1st. Es moved 1 mile ESE.

Catchment 24/5/15. Willow Hedge 7 yds W. S. Hedge 6 yds. E. Hedge 5 yds. Area 21 yds E.
to new sheltered position on 3/7/15.

1910-15 Daily values in bound volume, shelf No. R. 121.

Date.	Lat. N.	Long. W.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1911.			Thurso	11 $\frac{3}{4}$ m.	E.	Reay	400 yds.	WNW
1912	58.33	3.46						
1914	58.33.19			10 $\frac{1}{2}$ m.			350 yds.	W-ly N

RAINFALL at Reay The ManseCounty of CaithnessObserver Rev. Dugald CarmichaelRiver Basin Fosse & C. 4

Rain Gauge, by _____

Diameter ...	8			8								
Height	1 0			1 0								
Altitude ...	49			49								
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MEANS.	
January ...	4.34	4.41	3.86	4.74	2.63	3.39	2.21	2.96	5.53	2.07	2.47	3861
February ...	3.23	1.37	2.01	4.31	3.03	4.11	1.65	1.84	3.37	.96	1.84	2722
March	2.84	2.72	2.00	.59	3.10	2.89	3.07	2.55	2.04	.53	2.87	2520
April	2.39	1.14	3.78	2.51	2.22	2.17	2.05	4.21	1.50	2.18	.98	2513
May	3.18	2.67	1.82	3.79	2.29	2.24	2.07	2.03	1.26	2.02	1.87	2524
June	1.43	1.61	2.45	3.09	1.86	1.09	2.03	4.29	2.94	3.73	2.26	2678
July	1.95	1.97	2.98	3.23	3.16	2.47	1.92	.91	2.67	1.66	1.90	2432
August	1.78	3.09	2.93	6.02	3.55	2.10	2.33	2.03	2.25	4.39	774	3821
September...	4.03	3.93	2.48	3.94	5.11	5.59	3.05	4.76	2.60	4.04	2.80	4233
October	1.14	4.20	1.67	6.07	2.24	4.62	6.64	5.54	3.11	5.49	4.60	4532
November...	3.72	2.39	3.14	5.52	2.30	2.80	3.50	4.50	4.29	3.08	6.26	4150
December...	2.08	6.08	3.23	4.64	2.12	4.04	4.52	1.12	3.25	8.74	3.15	4297
TOTALS...	32.11	35.58	32.35	48.45	33.61	37.51	35.04	36.74	34.81	38.89	38.24	40333
	D	D	D	D	D	D	D	D	D	D	D	

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°33'	3°46'	Yherso	11 mi	E	Reay	300 yds	W

RAINFALL at Ray (The Manse.)County of CaithnessObserver Rev. Dugald Carmichael.River Basin H. Gordon & Co.Type of Gauge *MOAnnual Average 36.2 in. based on 22 years obs. un-weighted. Period of average 1881-1915 Ref. S

Diameter	9.										
Height	1.0.										
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	4.83	4.45	2.73	3922
February	4.81	1.04	4.61	2.99	3.10	1.94	5.31	2.42	2.27	1.00	2949
March	1.80	3.19	1.89	3.38	2.82	1.28	3.26	2.61	2.48	2.99	2370
April	2.51	2.87	1.67	5.35	2.70	1.49	.48	1.25	1.23	3.23	2278
May	3.45	2.93	0.83	2.29	.59	1.49	1.14	2.49	.89	1.54	1794
June	2.53	.57	1.65	2.24	2.32	.78	2.92	3.65	2.01	2.33	2100
July	4.56	3.64	3.35	5.31	1.70	5.26	2.72	4.96	4.42	7.78	4370
August	1.41	2.69	3.43	4.83	3.87	2.68	2.24	2.43	2.60	3.03	2921
September	1.34	5.04	0.71	1.65	5.36	2.29	2.56	2.34	1.75	3.63	2667
October	3.75	5.60	4.12	6.19	6.75	4.87	2.22	3.71	2.44	2.86	4451
November	2.11	3.39	3.43	2.34	4.22	2.72	2.17	4.62	6.03	4.83	3536
December	4.80	1.75	1.11	3.03	3.71	3.48	1.79	2.59	4.32	2.50	2905
TOTALS	37.42	36.90	28.65	41.53	41.65	32.85	31.92	39.90	34.84	38.45	36516

1936 Wall 8' high 10 yds. E & W: Tree 10' high 12 yds. E.

† Inspected 9.39. Very good site. Surrounding ground is flat.

x. New M.O. gauge supplied 24.7.41. Measure (n.born).

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.

RAINFALL at Reay (Landside)County of Caithness Observer Capt. R. A. TaylorRiver Basin H - FinneraType of Gauge StandardAnnual 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	not			

Inspected by M.C. Wilford 10/9/38. who writes: Good exposure on small lawn at rear back of lodge. Gauge a measure not tested but appears 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 1924}

River Basin H. - Forest & C.

train Elizabeth A. Begg

Type of Gauge M.O.

The Rev. A.P. Baggie 7/45

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

File No.

Diameter	9"				YSS	341					
Height	1' 0"					1					
Altitude	49'					41					
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	3.27	5.07	2.35	5.14	(4.42)	2.26	3.05	(4.00)	4.61	(4.10)	3827
February	2.61	4.07	4.21	2.74	2.12	4.98	1.22	2.76	3.19	(2.90)	3080
March	1.93	1.16	1.85	2.88	1.39	2.52	(2.00)	1.66	3.51	2.37	2127
April	1.65	1.34	2.76	2.13	2.88	2.04	2.36	2.00	2.50	(3.95)	2361
May	1.61	1.83	1.52	2.83	(3.20)	(1.47)	1.40	1.66	2.52	(6.85)	1889
June	0.85	1.64	1.18	4.03	(2.50)	(2.60)	1.81	1.61	1.40	(3.00)	2062
July	1.46	4.07	2.68	1.48	(2.50)	4.11	1.51	1.93	1.68	(2.80)	2422
August	5.42	1.68	3.15	1.66	2.82	3.23	.20	3.04	4.41	(1.50)	2711
September	1.33	4.42	3.33	4.38	3.46	2.90	5.28	3.41	2.12	(8.10)	3873
October	4.45	6.36	2.57	3.69	4.78	0.61	2.59	5.06	(2.20)	3.22	3553
November	3.87	2.47	5.79	5.92	2.51	4.35	4.99	3.20	(8.40)	5.04	4154
December	3.48	4.60	2.94	3.18	6.00	2.98	4.22	4.73	(6.47)	(4.27)	4347
TOTALS	31.93	3871	34.33	40.66	36.58	(34.05)	30.63	35.06	38.01	(42.10)	36406

Sept 1944 g. moved 100 yds W. from manse to old manse.
 1945 g. moved 100 yds E. back to manse.
 (July) Four walls 3' high 12'-20' N.E.S.W.
 1946. May + June part est. by ref to surr. stns
 1947 March est. (Obs. ill) April part est. Dec. part est. Obs. away.
 1948 Oct-Dec. App. 10000. Jan. est.
 1949 Oct-Nov Jan. App. 11000.
 1950 Jan, Feb. Mar. App. May, June, July 1000. App. by m.v. 3000. N.P. too much est.

Range measure on Glen

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. 3816RAINFALL at Leay (The house)

51

County of Leithers

Observer

The Rev. A. P. BagieRiver Basin 4 - Farnes CRev. D. M. Mackenzie (1956)Type of Gauge HO (on lean)Annual Average 36.2 in. based on 22 years obs. unweighted.Period of average 1881-1915Ref. S36.83 - - 35 - - 1916-19501916-1950File No. P

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)	(.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)	(2.09)	(5.00)	(3.93)							
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.							
	n.p.	n.p.	n.p.								

Not used in 41-73
Too much estimation.
4/73

1946 Four walls 8' high 12'-20' N.E.S.W.

1951 n.p. too much estimation.

1952 n.p. too much est.

1953 n.p. too much est.

1954 n.p. in complete (station terminated)

June 1956 G. may be transferred from School house (5316/1) to reasonable site in Harrow Gdn.

19 Oct 1956 station (414 F & E 200 32/56) transfer took place + Rev. Mackenzie signed acceptance form (lean) for 1956

Position of Station on Ordnance One-Inch map :

No. of Map.....

National Grid Reference 29/971648

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- (sub) accepted

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
	✓	✓	✓	1941-44 D 1945-49 n.p. 1950 n.p.	