

## RAINFALL AT

Melvich

Lat.

Lon.

County of Sutherland

Rain Gauge, by

Observer W. Lincoln

Eg

North Coast Streams - 4.

Diameter ..					5.							
Height ..					1 6							
Altitude ..												
Year ..	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.	
January ..						3.27	3.10	5.01	2.97	3.88		
February ..						4.07	4.76	2.55	4.16	1.59		
March ..						3.64	2.11	2.15	3.46	2.35		
April ..						2.98	2.46	1.88	2.28	2.47		
May ..						1.11	3.34	1.85	1.92	1.61		
June ..						.69	.94	3.93	2.05	2.43		
July ..						.87	1.50	2.33	1.62	1.77	2.19	
August ..						3.52	4.31	3.90	3.88	2.09	4.04	
September ..						2.99	3.57	2.28	1.09	4.14	1.93	
October ..						3.62	6.36	2.50	1.99	1.03	4.32	
November ..						4.36	4.59	5.98	1.52	3.72	7.03	
December ..						5.44	2.16	4.40	2.79	1.85	2.59	
TOTALS ..						38.25	38.13	30.26	31.44	36.43		

RAINFALL at Melwick Schoolhouse

County of Sutherland Observer Mr. A. MacIntosh

River Basin North Coast Streams 4.

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

Diameter ...	5										
Height .....	10										
Altitude ...											
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	3.45	2.59	2.80	1.54	3.34	2.52	5.29	4.45	3.35	2.39	
February ...	2.21	3.78	2.67	2.11	2.52	3.10	3.00	1.07	2.94	1.41	
March .....	2.10	3.44	4.97	3.65	3.98	3.64	2.16	1.55	1.29	3.46	
April .....	4.83	2.66	3.93	1.21	1.57	2.34	2.88	2.73	1.30	2.92	
May .....	2.34	1.53	2.82	2.21	3.31	1.25	2.06	.99	1.43	.31	
June .....	1.09	2.79	2.11	1.89	2.03	.53	4.01	3.09	2.95	3.19	
July .....	2.93	3.50	2.00	1.21	5.22	3.70	1.98	1.74	5.93	.69	
August .....	5.94	1.89	5.22	.99	3.12	2.23	1.45	1.97	4.39	4.47	
September ..	1.72	3.64	1.73	2.86	3.97	5.84	1.79	4.30	4.18	5.67	
October ...	2.67	2.88	3.54	1.67	2.31	2.06	4.00	6.90	1.95	2.51	
November ..	6.29	4.36	4.99	4.91	5.29	4.34	4.68	7.66	3.10	6.41	
December ...	3.89	3.80	4.18	5.80	4.81	7.51	4.02	3.26	4.70	3.87	
TOTALS ...	39.46	36.86	40.96	29.55	41.47	39.06	37.77	39.71	37.51	34.30	37.665

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Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.

## RAINFALL at Melville Schoolhouse

County of Sutherland Observer Mr. A. MacIntosh, Esq.  
River Basin North Coast Streams 4.

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

Diameter ...	5-		5-								
Height .....	1. 0		1. 0								
Altitude ...	200		200								
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	MEANS.
January ...	4.80	4.54	4.06	4.38	2.47	3.27	1.78	2.97	5.03	2.40	5.00
February ...	3.10	.95	2.20	3.24	3.78	3.88	1.89	1.74	3.43	.76	2.20
March .....	2.40	1.88	3.07	.61	2.40	3.54	3.42	1.91	1.92	1.05	3.05
April .....	2.34	1.04	3.77	2.20	2.39	2.08	1.72	3.61	1.38	2.55	1.20
May .....	2.97	2.29	2.16	3.95	2.36	2.38	2.62	2.62	1.43	2.57	3.14
June .....	1.25	1.62	2.30	3.13	2.08	1.03	1.81	3.35	4.27	5.20	2.50
July .....	1.79	2.15	3.17	4.26	3.29	2.75	1.65	1.70	2.85	1.90	2.55
August .....	1.14	2.68	3.00	5.68	4.44	2.32	3.05	1.58	2.51	7.41	12.50
September...	3.24	3.98	2.62	3.96	5.80	5.19	3.15	4.76	2.82	8.14	3.44
October....	1.55	3.92	1.33	5.54	1.99	4.07	6.71	5.62	4.29	8.26	5.79
November...	3.93	2.28	3.14	5.44	2.13	3.22	2.67	5.11	5.74	4.95	9.88
December...	1.58	6.94	3.01	4.83	2.21	4.66	4.20	9.4	6.58	12.69	11.11
TOTALS...	29.09	34.87	33.83	47.28	35.34	38.39	34.67	35.91	42.25	\$7.88	55.36.

1920: L. & L. New glass VI/21 (Inv. 34809.)

1926. Mr MacIntosh retired 1926 to The Cottage, 700 yds. from the Schoolhouse no appreciable change of height.

1919 N. P. - leak.

1930. N.P. Shatt (by Commonwealth controller 1931 older see CR)

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

**References No.**

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

## RAINFALL at Melvich

County of Sutherland,

Observer

A. Mc. Intosh Ag. (did not return)

River Basin - North Coast Streams.

Miss M. Macintosh

Type of Gauge.

Annual Average 36.0 in. based on 15 years obs. un-weighted. Period of average 1931-1945 Ref. A.W. Sheet.

Diameter							5				
Height							1.0				
Altitude							200'				
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	5.97	4.71	2.07	2.65	5.07	4.93	4.82	5.67	5.01	2.54	
February	4.63	.71	4.79	2.82	3.80	1.61	4.35	2.56	2.51	1.05	
March	1.41	3.14	1.60	3.87	3.16	1.32	2.31	3.44	2.25	3.66	
April	2.49	2.68	1.59	6.29	1.88	1.52	2.4	1.33	1.55	2.14	
May	4.38	3.43	0.98	2.75	1.20	1.26	1.07	3.05	1.16	1.23	
June	2.93	.49	1.70	1.86	2.32	.96	2.96	3.61	1.82	2.09	
July	4.55	3.49	4.39	4.91	2.04	5.12	3.36	4.93	5.33	6.80	
August	1.04	2.72	3.99	5.93	4.31	3.21	2.14	2.81	2.28	1.33	
September	1.13	4.99	0.60	1.73	6.06	2.08	2.12	2.59	1.61	2.38	
October	3.88	4.76	3.87	7.38	6.86	4.16	2.03	6.53	2.73	#	
November	1.61	3.73	2.95	2.59	4.09	3.05	2.01	4.54	4.71		
December	4.21	1.95	0.97	3.16	4.13	3.41 (1.81)	2.96	4.64			
TOTALS	38.23	36.70	29.50	45.94	44.92	32.62	29.42	44.02	37.60		
	D.	D.	D.	D.	D.	D.	D.	D.	D.		

1929- Local info.

1930- Local info.

1940- Note in f.A201414/40. Obs. terminated 9/40 owing to ill health of observer.

1941- Gauge transferred to the John N. Fraser Hotel Sutherland. (encl 63A in f.878420/39).

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. 5803/2

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## RAINFALL at Melvich Hotel

County of Sutherland Observer John M Fraser Esq.  
 River Basin A North Coast Streams Miss M Macintosh 5/1/45.  
 Type of Gauge CD

Annual Average 36.9 in. based on 15 years obs. un-weighted. Period of average 1881-1915 Ref. A.W. Sheet.

File No.

Diameter	5"					754	066				
Height	1.0							1			
Altitude	200'					on 108		41			
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	(3.8)	(3.79)	2.17	5.50	3.03	1.81	(2.50)	(4.00)	6.30	4.86	
February	(3.00)	3.59	4.43	3.18	2.97	4.31	(2.00)	2.76	3.21	2.26	
March	1.72	1.51	2.10	3.58	1.83	1.95	(2.50)	1.48	3.46	2.86	
April	1.69	1.22	3.00	2.91	2.63	2.15	2.87	2.08	2.18	4.37	
May	2.03	1.74	1.67	3.26	3.17	1.33	0.84	1.39	2.55	1.14	
June	0.74	1.40	1.45	3.89	2.36	3.29	1.88	1.95	1.41	3.32	
July	2.13	5.42	3.36	1.42	2.43	4.04	1.54	2.42	1.44	3.55	
August	5.82	2.60	3.95	2.56	1.83	3.44	0.00	3.10	4.04	1.69	
September	0.90	5.68	3.91	5.27	3.45	3.76	5.01	3.58	2.46	8.46	
October	3.66	4.82	2.85	4.55	4.60	.88	2.80	4.75	2.14	3.58	
November	(3.58)	2.07	5.94	6.45	2.77	3.83	5.32	2.74	3.17	4.63	
December	3.49	5.56	3.04	3.89	5.87	2.15	4.68	2.89	6.20	4.28	
TOTALS	(32.66)	42.29	37.87	46.52	36.94	32.94	31.94	33.14	38.76	45.00	
	mp	mp	D	D	D	d	d	mp	d		

1941. Gauge moved from Sh. 5803/11 Melvich Hallhouse 15 mds E. of Summerhead.

1941 up too much elevation.

1942 up high - gauge broken, fire from leads. Obs carefully taken.

Gauge & measure, in loan from Govt, less than very Miss Macintosh Post Office Melvich (2.0.45)  
 5/11/45 Gauge moved 150' S.

11/1/46 Gauge destroyed by local frost. To be repaired locally 40004 40004.

1947 Jan Feb & March adj. for snow & part 10.

1948 Jan. entries taken - estimated. Repaired 28/1/49. N.P. Lead. Glass bottle now - 17.6.49.

1950 Jan/Feb adj. See 29-31st Oct. for snow by Mr. S. Edin.

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	Parish Church.	Distance from gauge	Direction
1941	60°02' N.	40004	Forscaid	16m	S	Strathy	3m	W.

BRITISH RAINFALL ORGANIZATION

(466-90) Wt. 47525-4471 12,000 2/40 T.S. 700

+ 1948 Total is not measurable NR. 8156

Station No.....

5803/2

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## RAINFALL at Melvich Hotel

County of Sutherland Observer Miss J. Mackintosh  
 River Basin N. North Coast Streams W. Macdonald, Esq. a.c.f. 1.154  
 Type of Gauge H.O. (Drum) 1

Annual Average 36.0 in. based on 15 years obs. un-weighted. Period of average 1881 - 1915 Ref. A.W.S.

File No.....

Diameter ...	5"			754	066					
Height ...	1' 0"					1				
Altitude ...	300'					51				
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	Means
January	3.66	4.88	2.87							
February	3.97	2.56	2.65							
March	3.50	2.64	1.35							
April	3.27	0.79	2.66							
May	0.66	2.01	2.70							
June	1.33	2.12	1.71							
July	3.37	2.71	2.87							
August	3.74	3.12	2.13							
September	1.71	3.74	2.07							
October	2.11	3.42	1.33							
November	6.21	5.62	4.58							
December	4.44	3.58	3.14	X						
TOTALS ...	37.97	37.19	30.06							
	d	w	w							

1954. Gauge moved to Melvich School 5803/2/1.

Position of Station on Ordnance One-Inch map :			No. of Map .....	National Grid Reference .....			
Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge.
1941			Forsinard	16W	S	Strathy	3rd

Summary of Earlier Records from 10-year Sheets : See also 5803/1

5803/2

Record D, or d		1910-19	1920-30	1931-40	1941-50	1951-60
					C	1941-42 NP
					1942-43 D	1942-45 D
					1943-47 d	1943-48 NP
					1947-50 d	1947-50 d

Station No. 5803/2/1

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## RAINFALL at Melvich School

County of Sutherland

Observer

H. Macleod Esq., STET.

River Basin.

4 North Coast Streams.

Mrs. Sheila Smith.

Type of Gauge.

M.O. (on lawn)

Annual Average 38.5 in. based on years obs. un-weighted. Period of average 1916-50

Ref.

File No.

Diameter ...			754	065		5"					
Height ...					1	1'6"					
Altitude ...					51	200					
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...				3.23	2.54	2.62	3.87	4.42	6.93	3.08	
February ...				3.09	2.47	1.97	2.16	3.70	0.60	2.55	
March ...				2.36	1.82	1.22	3.67	2.13	1.41	1.04	
April ...				1.24	1.70	1.90	1.46	1.80	2.40	1.83	
May ...				2.80	3.23	1.68	1.29	4.76	2.61	1.81	
June ...				3.15	1.24	2.78	2.97	1.17	1.86	2.87	
July ...				3.53	0.83	(1.42)	4.47	(2.27)	4.04	(200) (550)	
August ...				2.67	0.35	4.34	3.44	4.06	2.77	(550)	
September ...				4.09	3.75	1.70	3.80	1.65	1.31	1.11	
October ...				6.79	4.38	4.02	4.04	4.46	5.16	3.04	
November ...				4.07	1.99	4.40	3.35	1.57	5.82	1.93	
December ...				6.34	5.07	4.66	5.31	3.70	4.46	4.48	
TOTALS ...				43.36	29.37	39.61	39.83	35.71	39.61	30.24	
				D	D	D	D	D	D	N.P.D.	

1954. Gauge moved from Melvich School 5803/2 (300 yds. apart) on 21.12.53.

House 30° @ 14° W. Dyle 4° @ 8° E.

00404

00604

Ins June 1956. Outer case badly battered &amp; leaking. No inner can. G. is absent present but is to be set up at a new house where it will be safe. G. to be replaced. Measure bottom at -4°C.

00044

00044

→ August 1956.

10% increased last 3 months.

Ins. 10.6.59 G. sound. Exp. sat. General slope down to N but level in garden. G. was replaced as recommended w/ last insp.

1960 A.P. inc. → about October 1960.

Position of Station on Ordnance One-Inch map :

No. of Map.....

National Grid Reference 29/877650

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge,	Parish Church.	Distance from gauge.
1954.			Thurso	18ml E	Strathy	3m W.

Summary of Earlier Records from 10-year Sheets :

Record D, or d		1910-19	1920-30	1931-40	1941-50	1951-60