

RAINFALL at

Melvich Schoolhouse

County of SutherlandObserver Mrs. A. MacintoshRiver Basin North Coast Streams Lt.

Rain Gauge, by _____

Diameter ...	5										
Height	1	0									
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	2.33	2.73	1.30	2.92	
May	2.34	1.53	2.82	2.21	3.31	1.25	3.06	.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	2.36	3.97	5.84	1.79	4.30	4.18	2.67	
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	5.86	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 Melwich SchoolhouseCounty of SutherlandObserver 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	1930.	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	4.20	
March	2.40	1.88	3.07	.61	2.40	3.54	3.42	1.91	1.42	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	1.55	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	5.44	
October .....	.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	.94	6.58	12.69	14.11	
TOTALS...	29.09	34.27	33.83	47.28	35.34	38.39	34.67	35.91	42.25	57.88	55.36	

1920: G. glass bowl damaged. New glass 11/21 (for 34.809)

1926. Mr MacIntosh retired 1. VI. 26 to 'The Cottage', 700 yds. from the Schoolhouse
no appreciable change of height.

1929. N. P. - leak.

1930. N.P. leak (for 58.03/1) (for 58.03/1) (for 58.03/1)

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

Reference No. _____

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

RAINFALL at *Inverloch*

County of *Sutherland* Observer *A. Mc. Intosh Esq. (died 1940)*
River Basin *4- North Coast Streams* *Misn. Macintosh*
Type of Gauge.....

Annual Average *36.0* in. based on *15* years obs. *un-weighted*. Period of average *1881-1915* 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	2.58	
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	.44	1.33	1.55	2.14	
May	.....	4.38	3.43	0.98	2.75	1.20	1.26	1.07	3.05	1.14	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	6.71		
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	32.63	29.42	44.02	37.60		
		D.	D.	D.	D.	D.	D.	D.	D.	D.		

1929- Leads n/f.
1930- Lg n/f.
1940- Note in f A201414/40. Obs. terminated 9/40 owing to ill health of observer.
1941. Gauge transferred to the John H. Fraser Hotel Hotel Sutherland. (encl 63A in f. 875420/39).

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	Direction from gauge

Station No. 5803/2

RAINFALL at Melvich Hotel

41

County of Sutherland Observer John M Fraser Esq.
 River Basin North East Streams Miss M Macintosh 5/11/45.
 Type of Gauge M

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

File No.

Diameter	5"					7.54	0.66				
Height	1.0						1				
Altitude	200'				1018		41				
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	(3.80)	(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	1.37	2.10	3.58	1.83	1.95	(2.50)	1.48	3.46	2.86	
April	1.69	1.22	3.00	2.97	2.63	2.15	2.87	2.08	2.18	4.37	
May	2.03	1.77	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	7.82	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	(32.56)	42.29	37.87	46.52	36.94	32.94	31.94	33.14	38.76	45.00	
	np	np	D	D	D	d	d	np	d	d	

1941. Gauge moved from Sta. 5803/1 Melvich Hotel Lawan Sudd. B. of Summer Ho.

1941 np too much estimation.

1942 np high gauge started, fire from Leabo. Obs carefully taken

Gauge 0 measure, on loan from eng. has been taken over by Miss Macintosh, Post Office, Melvich (no. 45)

5.11.45 gauge moved 150° S

12.1.48 Gauge damaged by local frost. To be repaired locally 40004 40004.

1947 Jan. 16th damaged by snow & frost 10.0.

1948. Jan. 16th 1948 - estimated. Reported 22.1.48. n.p. low. Glass bottle used - no. 17.6.49.

1950 Jan. 16th 1950. Ill. 24-31st 1st. for snow by M.O. 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 from gauge	Parish Church.	Distance from gauge.	Direction from gauge.
1941	60034	40004	Forsinand	16m	S	Strathay	3m	W.

BRITISH RAINFALL ORGANIZATION

Station No. 5803/2

51

RAINFALL at helwich HotelCounty of Sutherland Observer Miss J. MackintoshRiver Basin H. North Coast Stream W. Macdonald Bay 1.1.54Type of Gauge HO (on lawn)Annual Average 36.0 in. based on 15 years obs. un-weighted. Period of average 1881-1915 Ref. AWS

File No.

Diameter ...	5"				754	066					
Height ...	1'0"					1					
Altitude ...	200'					51					
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	3.66	4.88	2.87								
February ...	3.97	2.56	2.65								
March ...	3.80	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 ...	2.4	3.42	1.33								
November ...	6.21	5.62	4.58								
December ...	4.44	3.58	3.14								
TOTALS ...	37.97	37.19	30.06								
	d	w	w								

1954. Gauge moved to Melnich 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 from gauge	Parish Church.	Distance from gauge.	Direction from gauge.
1941			Forisland	162	S	Strathay	32	S

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

Sub

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
				C 1941-42 1943-45 1946-47 1948 1949-50 200 NP 200 d	

Station No. 5803/2/1

RAINFALL at Melvich School

51

County of Sutherland Observer H. M. Stewart Esq. STET.

River Basin 4 North Coast Streams Mrs. Sheila Smith.

Type of Gauge No. (on loan)

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	3.62	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	0.81	
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	(20.0)	
August ...				2.67	2.36	4.34	3.44	4.06	2.77	(5.50)	
September ...				4.09	3.75	1.70	3.80	1.65	1.31	1.11	
October ...				6.79	4.38	4.02	4.04	4.48	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	6.31	3.70	4.46	4.48	
TOTALS ...				43.36	29.37	39.61	39.83	35.71	39.67	30.24	
				D	d	np	d	d	d	np d	

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

House 30' @ 14" W. Dyle 4' @ 8" E

00404

00604

1st June 1956. Outer case badly battered & leaking. No inner can. G. is d/s at present but is to be set up at a new house where it will be sat. G. to be replaced. Measure broken at .4 in.

1956. moved last 3 months.

ms. 10.6.59 G. found. Exp. sat. General store down to N but level in garden G. was reset as recommended at last insp.

1960 A.P. inc.

about 1956.

Position of Station on Ordnance One-Inch map:

No. of Map

National Grid Reference 29/877650

Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge.	Parish Church.	Distance Direction from gauge.
1954.			Thurso.	18ml E	Strathly	3ml W.

Summary of Earlier Records from 10-year Sheets:

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