

RAINFALL AT Stornoway

Lat.

Long.

County of Ross W.

70

Rain Gauge, by

Observer The Med. Council

Inches - 10.

Diameter8	.	
Height									1 -	3 .	
Altitude									32.	35.	
Year	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January						7.29	5.83	5.39	5.17	7.28	
February						2.37	4.76	6.44	2.35	1.60	
March						1.23	5.71	3.39	3.59	3.90	
April						1.96	3.68	1.77	.93	1.13	
May						3.68	1.58	3.52	2.24	1.95	
June						2.82	3.92	5.20	2.43	1.04	
July						2.50	2.24	4.03	1.62	2.17	
August						3.75	2.47	2.98	1.46	4.70	
September						1.99	2.28	1.76	4.19	5.58	
October						3.51	5.12	7.93	4.96	3.82	
November						4.39	2.84	8.02	3.19	3.24	
December						4.51	2.52	6.79	3.71	3.33	
TOTALS						40.00	42.15	57.22	35.84	26.97	
											41.20
											5453

Total for purpose of average 41.20

1878 Gauge moved in April

1879 Lighthouse figures

1875, 6 & 9 months proportional from Stornoway 1878. 9. v. 12

H.M.S. No. 89-727447.

NGR: NB (19) 428329

alt. 9m

RAINFALL AT Isle of Lewis Stornoway

Lat.

Lon.

County of West Ross

Rain Gauge, by

Observer The Meteor Council

Inches - 10.

Diameter	8										
Height	3.0										
Altitude	24										
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January	3.05	1.30	4.83	3.59	9.00	3.99	6.25	7.76	4.10	5.58	4.945
February	4.46	3.54	3.67	4.13	4.48	5.68	2.60	5.00	2.46	4.84	4.086
March	9.2	3.37	6.27	3.20	4.04	4.26	2.68	2.85	3.97	2.78	3.484
April	2.06	1.10	3.22	1.10	1.54	1.64	2.89	4.64	3.94	2.46	2.459
May	1.91	2.76	1.79	3.44	4.94	3.34	1.62	1.75?	3.79	4.36	2.970
June	1.70	3.65	3.42	1.23	1.81	3.87	1.82	1.51	1.83	.90	2.174
July	1.36	3.40	3.30	2.77	3.09	3.10	3.65	4.40	1.57	1.58	2.822
August70	3.22	2.89	4.77	4.09	1.36	3.28	3.06	5.86	5.05	3.428
September	3.38	1.70	2.60	2.95	3.99	7.10	4.57	3.73	2.69	4.51	3.722
October	4.81	2.73	3.54	6.66	5.89	6.23	4.29	5.35	7.08	2.67	4.925
November	5.50	6.09	5.29	7.09	7.22	2.99	5.73	3.58	6.36	4.11	5.396
December	3.83	6.26	4.51	6.37	5.66	6.93	8.84	5.16	6.16	5.65	5.937
TOTALS	33.68	39.12	45.33	47.30	55.75	50.49	48.27	(48.79)	49.81	44.49	(46.298)

1887 Record imperfect amount estimated for 8 days of May

Hga Sta. No. 89-727447

NGR: NB (19) 428329

Acc 9m

RAINFALL AT Isle of Lewis & Harris

Lat.

Lon.

County of

West Ross

Rain Gauge, by

Observer The Meteor Council

Inch scale - 10.

Diameter	8										
Height	10										
Altitude	24										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEAN\$.
January	7.16	4.67	3.15	2.36	6.39	4.51	5.66	2.28	4.94	8.17	4.929
February76	3.32	1.99	2.40	7.93	1.47	4.23	3.66	8.03	3.71	3.750
March	4.37	4.49	1.21	1.84	3.97	3.37	5.63	6.02	5.43	6.38	4.271
April	3.79	4.41	1.15	1.12	.84	3.15	3.36	2.29	4.67	4.82	2.560
May58	1.54	3.45	1.51	1.81	1.68	1.51	3.02	3.10	2.40	2.060
June	3.88	2.68	1.99	1.24	1.45	3.36	3.66	.45	1.97	2.55	2.222
July	3.94	1.53	1.91	3.39	6.83	3.86	3.58	1.73	2.54	2.74	2.205
August	4.40	3.38	4.07	5.27	5.05	4.53	7.09	2.83	5.46	1.18	4.326
September	4.02	3.98	4.54	7.92	.47	3.15	5.41	5.58	5.18	8.45	4.870
October	8.89	9.38	4.36	6.37	3.24	6.16	7.26	3.43	5.58	5.04	5.971
November	6.81	4.84	5.77	7.11	6.04	4.09	6.27	5.79	9.85	8.63	6.520
December	1.39	6.31	2.56	7.53	7.05	4.97	5.37	8.16	14.87	5.79	6.400
TOTALS	49.99	46.53	36.15	48.06	51.07	44.30	59.03	45.24	71.62	59.86	51.185

Hyd Sta No. 89- 727447

1899

NGR: NB (19) 428329

Alt 9 m

RAINFALL AT Isle of Lewis Stornoway
 Lat. _____ Lon. _____ County of West Ross
 Rain Gauge, by _____ Observer Dr Buchan
 Isle of Lewis - Outer Hebrides - 10.

Diameter										
Height										
Altitude						56				
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899 MEANS.
January						4.27	5.64			
February						1.10	4.23			
March						2.77	5.63			
April						3.06	3.00			
May						1.22	.83			
June						2.53	3.66			
July						2.84	5.41			
August						3.61	7.01			
September						3.16	5.41			
October						6.13	6.98			
November						4.09	6.27			
December						5.02	5.31			
TOTALS						39.80	59.38			

Apparently the same station as the Met. Off.
 return but many discrepancies.

RAINFALL AT Isle of Lewis Stromness

Lat. Lon. County of West Ross

Rain Gauge, by

Observer The Meteorological

Bunlar, outer Hebrides - 10.

Diameter ..	8'										
Height	10										
Altitude ..	24						52		52		
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	6.15	2.87	5.41	6.23	5.55	5.80	6.67	3.30	5.75	6.15	5388 1901-1909
February ..	4.52	3.36	3.90	7.12	4.74	6.12	7.95	4.83	5.89	2.27	5.070 1910-1918
March ..	1.39	3.51	5.22	8.06	2.82	5.36	1.54	2.99	6.19	2.84	3092 3853
April ..	3.61	3.12	2.59	3.47	6.79	2.95	1.80	2.28	2.88	3.07	3.256 2395
May ..	3.17	1.05	3.00	2.25	2.50	1.64	3.92	2.78	2.57	3.02	2.580 2263
June ..	3.24	3.07	2.11	1.78	2.15	1.45	1.60	4.44	2.38	2.21	2.443 2119
July ..	4.12	1.96	2.64	4.24	2.17	2.70	4.00	2.66	1.37	3.07	2.893 2481
August ..	1.89	4.44	2.50	8.53	5.26	4.76	2.07	5.00	2.82	2.66	3.993 3804
September ..	7.93	3.21	2.72	3.03	4.14	5.08	.89	2.68	6.31	1.87	3.786 2993
October ..	8.46	6.23	6.47	8.41	5.40	3.82	2.01	2.73	2.78	8.08	5439 14593
November ..	5.99	3.91	3.82	5.82	6.45	4.79	5.91	5.00	6.58	5.95	5422 4823
December ..	12.04	6.02	5.92	3.13	7.75	6.27	3.95	5.07	7.08	5.00	6223 5019
TOTALS ..	62.51	42.75	46.30	62.07	55.72	50.74	42.21	43.76	52.60	46.19	50.485 24334

M.O

40 ft

BR

Nyd Sta. No. 89-727447

NGR: NB(19) 428329

alt. 9m

10

5796/5

RAINFALL at StornowayCounty of RossObserver Meteorological OfficeRiver Basin Insular, Outer Hebrides 10

W. Grant

Rain Gauge, by _____

Diameter ...	8										
Height	10										
Altitude ...	52								51	52	
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	6.79	3.65	3.63	3.50	6.23	7.54	8.46	4.24	5.47	4.89	5.440
February ...	5.26	5.16	5.34	3.39	6.54	5.87	6.03	1.26	5.83	3.81	4.689
March	3.50	3.17	5.17	6.52	5.10	4.13	2.99	3.10	2.81	5.86	4.235.
April	6.42	4.32	3.94	3.47	3.39	3.99	3.82	3.34	.95	4.24	3.788
May	3.30	2.63	2.78	3.82	2.19	1.20	3.54	2.48	2.14	1.61	2.519
June	2.49	1.70	3.18	3.58	1.53	1.18	2.05	3.55	3.28	5.42	2.796
July	3.08	5.29	2.65	.86	3.39	2.87	1.73	1.73	4.76	2.43	2.879
August	5.91	3.92	5.59	1.66	2.99	2.16	1.10	4.39	6.83	4.45	3.900
September ..	2.25	3.60	1.77	2.46	4.74	3.14	2.72	6.08	7.22	5.12	3.910
October ...	3.31	3.40	5.51	6.82	2.25	1.86	5.67	9.80	5.67	1.86	4.765
November ...	5.98	5.72	7.13	6.66	5.38	5.14	5.63	7.10	5.23	5.78	5.975
December ...	4.74	5.74	8.05	5.25	6.24	6.97	5.24	3.35	5.82	6.51	5.791
TOTALS ...	53.03	48.30	54.74	46.99	49.97	46.05	48.98	50.42	56.01	52.38	50.687

Nga Sq. N. 89 - 727447

NGR NB (19) 428329

alt 9m

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

RAINFALL at Stornoway

County of Ross

Observer Meteorological Office
Mr. Grant

River Basin Insular, Outer Hebrides 10

Rain Gauge, by

Diameter ...	8										
Height	1	0									
Altitude ...	52		51								
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	¹⁹³⁰ MILLIMS.
January	8.77	8.15	5.82	6.57	4.56	5.82	5.47	7.27	10.56	1.85	6.62
February ...	7.44	2.52	5.36	4.12	3.04	5.38	3.23	2.13	5.45	1.44	.74
March	5.01	6.69	3.13	1.27	4.41	3.93	4.34	2.52	3.45	1.23	3.07
April.....	2.96	2.50	2.56	2.98	2.87	3.79	2.32	6.47	2.44	1.59	1.99
May	5.21	3.02	4.86	3.21	3.06	3.67	3.45	1.61	1.81	2.22	2.48
June	1.51	1.76	2.73	2.64	3.33	1.98	2.05	3.76	3.30	3.26	2.60
July	2.77	3.21	2.56	3.80	4.84	2.08	1.86	3.92	3.05	2.91	1.63
August	2.25	3.31	4.61	5.32	4.74	3.16	4.06	2.72	2.19	5.83	4.80
September...	4.26	2.64	2.76	4.95	5.25	3.88	6.62	6.12	3.03	6.19	2.79
October.....	2.66	4.78	3.07	7.40	4.96	4.73	5.75	7.37	5.07	7.61	7.91
November...	8.53	3.23	3.74	7.29	4.14	4.34	5.04	5.47	6.75	5.86	6.87
December...	4.99	8.66	5.88	5.57	9.23	5.74	5.27	1.17	5.53	7.69	5.44
TOTALS...	56.36	52.47	47.08	55.17	34.43	47.50	49.46	51.03	52.69	47.68	45.74

No. no.

30.4 30.8 3.1 30 30.4

Hyd Sta No. 89-727447

NGR. NB (19) 428329

alt 9m

Position of Station on reduced Ordnance Survey } No. of Map _____

Reference No. _____

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

RAINFALL at *Snowdonia C.G.*
 (new station)
 County of *Pow + Gwynedd* Observer *met. office.*
 River Basin *10 - Llynnein - Outer Hebrides*
 Rain Gauge, by.....

Diameter	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930
Height											
Altitude											
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930
January											
February											
March											
April											
May											
June											
July											
August											
September											
October											
November											
December											
TOTALS											

2.39
4.40
7.25
16.07
5.34
11.87
mm

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

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

RAINFALL at Stornoway (C.G. Station) M.W.R.

County of Ross & Cromarty

Observer Meteorological Office

River Basin 10-Inchular Outer Hebrides

Station Office (MO)

Type of Gauge N.W.O.

Annual Average 18.2 in. based on 5 years obs. un-weighted. Period of average

1881-1915

Ref. Both

47.3 (see memo. 65 of file 366174/34)

Diameter	8.	Height	1.0.	Altitude	30.	Year	1881	1882	1883	1884	1885	1886	1887	1888	1889	1890	Means
January	7.64	10.45	5.67	6.40	5.03	2.85	4.79	7.11	4.84	2.53							
February	6.97	5.59	3.43	2.59	4.58	2.24	4.16	3.56	5.43	1.91							
March	1.53	2.95	2.18	3.02	3.77	1.57	1.96	4.32	4.08	2.22							
April	3.35	3.87	2.85	3.73	2.31	1.96	1.78	.85	2.67	3.88							
May	3.68	1.50	0.92	2.61	1.66	1.18	2.65	2.85	1.20	1.67							
June	3.16	1.56	2.05	1.89	2.66	.91	3.43	4.62	1.30	1.63							
July	2.07	2.81	2.149	5.21	2.44	3.41	1.60	2.67	5.66	4.71							
August	1.38	4.58	6.08	4.71	2.63	3.20	4.05	4.52	2.53	3.21							
September	1.66	4.76	0.90	5.51	6.76	2.41	4.41	4.19	2.74	3.64							
October	5.00	5.38	4.80	6.65	7.53	5.02	2.32	3.66	3.26	4.40							
November	4.88	4.59	1.78	2.35	3.32	4.26	2.23	5.72	6.36	5.74							
December	5.69	3.84	1.59	3.49	2.77	7.76	2.40	4.41	2.97	4.68							
TOTALS	117.01	46.88	34.74	48.16	46.46	28.87	35.78	53.48	42.98	40.22						123.47	
1936 Gauge moved 6' May 6th N. 1st well erected Aug. 1936.																	
Wind 8 ft. high 21 ft. E. Water 20. — 24 - E.S.E. Fence — 15 " W Means for Annual 40 ft. high 21 ft. E.													1931-32 -	1933-1942			
													Hgt. 8 ft. ab. 89 - 727447	Hgt. Sta 10. 89 - 727446			
													NGR: NB(19) 428329	NGR: NB(19) 443305			
													alt - 24 m.s	alt - 24 m.s			
MD MD CG																	
794																	

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

Reference No.....

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge	Direction from gauge
1936			Kyle of Lochalsh	60 mi. S.S.E.	Stornoway		3 mi. N.N.W.	

RAINFALL at...

Stornoway (Matheson Road)

County of Roscommon

Observer W. Grant

River Basin 10 - Incular. Outer Hebrides

Station Officer (MO)

Type of Gauge..... M.Q.

Annual Average 49.9 in. based on 35 years obs. un-weighted. Period of average 1881-1915 Ref. B.O.F.N.

C 1982

Diameter		8									
Height		10									
Altitude		30.									
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	1056	6.18	7.05	6.13	3.24	4.48					
February	6.64	3.76	2.88	5.24	2.48	4.25					
March	3.10	2.19	3.16	4.09	1.64						
April	4.04	3.26	4.63	2.53	2.04						
May	1.55	0.94	2.47	2.07	1.10						
June	1.32	2.70	2.08	2.79	.93						
July	2.96	3.13	4.83	2.60	3.74						
August	4.92	6.00	5.09	3.95	3.93						
September	6.03	0.76	6.49	7.87	4.21						
October	5.86	6.46	7.57	9.03	5.70						
November	4.73	1.86	2.56	3.68	4.53						
December	4.20	2.16	3.58	3.68	8.63						
TOTALS	149.80	48.91	58.90	52.39	53.66	41.77					
					d	p					

1936. Annual mark 20 ft. high 12 ft. N.E.

WoodenShad 12 " 18 " S.W.

green $\lambda = 470$

1931 *newt* *aberration*

六〇七

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

Reference No.

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge	Direction
1936			Kyle of Lochalsh	63 mi.	SSE.	Stornoway	60 mi.	S.W.

RAINFALL at *Stanway, Kentish 1933 - See over*

County of Observer

River Basin

Type of Gauge

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											
February											
March											
April											
May											
June											
July											
August											
September											
October											
November											
December											
TOTALS											

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.

STORNOWAY.

Lat. $58^{\circ}11'N.$ Long. $6^{\circ}21'W.$

Height of rain-gauge above M.S.L. 73 ft.

General Surroundings.

The station lies on the southern side and near the landward end of a low peninsula which juts out from the east coast of the Island of Lewis for a distance of about 9 miles. The sea is about 300 yds. distant to the E, S and W; Stornoway Harbour lies to the NW, and the open sea is visible from SE to S by W. There are hills from SW through NW to NNE, the nearest being 7 miles north-west and a little over 900 ft. high.

Site.

The site is at the coast-guard look-out, on the summit of a small hill, and is open in all directions. The soil is stony and of a peaty nature, and is covered with rough grass.

Visibility.

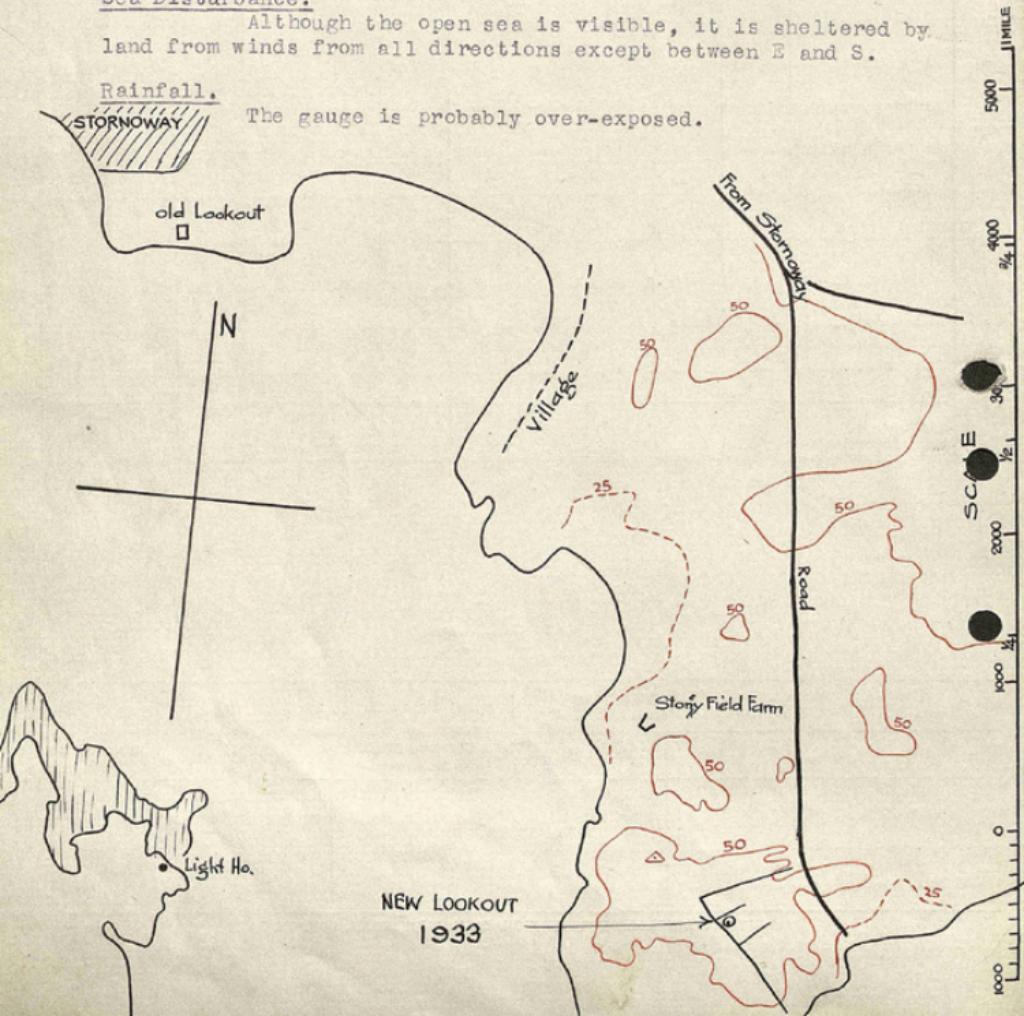
See catechism.

Sea Disturbance.

Although the open sea is visible, it is sheltered by land from winds from all directions except between E and S.

Rainfall.

The gauge is probably over-exposed.



METEOROLOGICAL OFFICE

RAINFALL 1971-1980

No. 727436
(Old No. 5796)

County Ross & Cromarty Station Stornoway Coast Guard Sta.
 Authority Grid Ref. N6(19) 443307 DCan No.
 Altitude 79 metres 24 feet (O.D.)
 Earliest year with complete data 1933 River Basin Coastal (to - Isular Outer Hebrides)
 File Tributaries
 TF

	Average 1916-1950	1916	1921	1923	1924	1925	1926	1927	1928	1929	1930	
January ...		3.13	4.40									
February ...		4.09	3.29									
March ...		1.39	2.65									
April ...		1.54	1.19									
May98	1.53									
June57	2.25									
July ...		3.86	4.75									
August ...		5.19	3.97									
September ...		1.71	4.54									
October ...		3.91	6.02									
November ...		4.30										
December ...		4.17										
TOTAL ...		34.84										
1916-1950 Percentage												
<input checked="" type="checkbox"/> d, or M												

AVERAGE ANNUAL RAINFALL

Based on data for years.

Date of calculation.

1916-1950 (Introduced _____) mm (_____ in) _____
 1931-1960 (Introduced _____) mm (_____ in) _____
 (Introduced _____) mm (_____ in) _____

Type and capacity of gauge 8"

NOTES on inspections, unorthodox equipment or exposure, changes of equipment, site or altitude (each note to be dated):
 1942. Coast Guard Sta to 3/10/42 moved 18 miles NE to Stornoway Airfield
 (S/N) 727288
 (See other details on next sheet - Stornoway Airport)

NOTES on years with incomplete or unsatisfactory data: