

RAINFALL AT *Stornoway*

70

Lat.

Lon.

County of *Ross W.*

Rain Gauge, by

Observer *The Met. Council*

Insular - 10.

Diameter...								.8			
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	2.22 1.28	
February...						2.37	4.76	6.44	2.35	1.69 1.00	
March.....						1.23	5.71	3.39	3.59	3.90 2.77	
April						1.96	3.66	1.77	.93	1.13 1.34	
May						3.66	1.58	3.52	2.24	1.95 1.38	
June						2.82	3.92	5.20	2.43	1.20 1.04	
July.....						2.50	2.24	4.03	1.62	3.23 2.17	
August ...						3.75	2.47	2.98	1.46	5.58 4.70	
September ..						1.99	2.28	1.76	4.19	3.24 3.82	
October ...						3.51	5.12	7.93	4.96	3.33 2.15	
November ..						4.39	2.84	8.02	3.19	4.98 1.71	
December ..						4.51	2.52	6.79	3.71	3.04 3.04	
TOTALS ..						40.00	42.15 43.00	57.22	35.84	26.13 32.00	<i>41.20</i>

Std. for purpose of average VIII. 11.

1878 Gauge moved in April

1879 Lighthouse figures

1875, 6 & 9 months proportioned from Stornoway ^{Leas} Dec. 9.1.12

Spec. No. 89-727447

NGR: NB (19) 428329

alt. 9m

RAINFALL AT *Sale of Lewis Stornoway*

Lat. _____

Lon. _____

County of *West Ross*

Rain Gauge, by _____

Observer *The Meteor Council*

Mercur - 10.

Diameter		8									
Height		3.0			1.0						
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	4.54	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
August .....	.70	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	5.987
TOTALS	38.68	39.12	45.33	47.30	55.75	50.49	48.22	(48.79)	49.81	44.49	(46.298)

1887 Record imperfect amount estimated for 8 days of May

Hya Sta. No. 89- 727447

NGR. NB (19) 428329

Acc 9m

RAINFALL AT *Isle of Lewis Hornoway*

Lat. _____

Lon. _____

County of *West Ross*

Rain Gauge, by _____

Observer *The Meteor Council*

Insular - 10.

Diameter	8											
Height	10											
Altitude	24											
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January	7.16	4.67	3.15	2.36	6.39	4.51	5.66	2.28	4.94	8.17	4.929	
February ....	.76	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	.41	1.15	1.12	.84	3.15	3.36	2.29	4.67	4.82	2.560	
May .....	.58	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	2.220	
July	3.94	1.53	1.91	3.39	6.83	3.86	3.58	1.73	2.54	2.74	3.205	
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	5.941	
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

N.R. N.B (19) 428329

all 9.22

1890

RAINFALL AT

Ile of Lewis Stornoway

Lat. _____

Lon. _____

County of _____

West Ross

Rain Gauge, by _____

Observer _____

Dr Buchan

Islands - Outer Hebrides - 10.

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

*Apparently the same Station as the Met. Off:
return but many discrepancies.*

RAINFALL AT

Isle of Lewis Stromoway

Lat.

Lon.

County of *West Ross*

Rain Gauge, by

Observer *The Meteor Council*

Similar, out of Helbride - 10.

Diameter ..	8											
Height	1	0										
Altitude ..	24						52		52			
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.	1901-1909
January ..	6.15	2.87	5.41	6.23	5.55	5.80	6.67	3.30	5.75	6.15	5.388	4.773
February ..	4.52	3.36	3.90	7.12	4.74	6.12	7.95	4.83	5.89	2.27	5.070	2.618
March	1.39	3.51	5.22	8.06	2.82	5.36	1.54	2.99	6.19	2.84	3.992	3.833
April	3.61	3.12	2.59	3.47	6.79	2.95	1.80	2.28	2.88	3.07	3.256	2.895
May	3.17	1.05	3.00	2.25	2.50	1.64	3.82	2.78	2.57	3.02	2.580	2.263
June	3.24	3.07	2.11	1.78	2.15	1.45	1.60	4.44	2.38	2.21	2.443	2.119
July	4.12	1.96	2.64	4.24	2.17	2.70	4.00	2.66	1.37	3.07	2.893	2.481
August	1.89	4.44	2.50	8.53	5.26	4.76	2.07	5.00	2.82	2.66	3.993	3.804
September ..	7.93	3.21	2.72	3.03	4.14	5.08	.89	2.68	6.31	1.87	3.786	2.993
October	8.46	6.23	6.47	8.41	5.40	3.82	2.01	2.73	2.78	8.08	5.439	4.593
November ..	5.99	3.91	3.82	5.82	6.45	4.79	5.91	5.00	6.58	5.95	5.422	4.823
December ..	12.04	6.02	5.92	3.13	7.75	6.27	3.95	5.07	7.08	5.00	6.223	5.019
TOTALS ..	62.51	42.75	46.30	62.07	55.72	50.74	42.21	43.76	52.60	46.19	50.485	44.234

MO

20 ft

BR

Nyga Sta. No. 89-727447

NGR. NB (19) 428329

alt 9m

RAINFALL at

Stornoway

County of

Ross

Observer

Metological Office

W. Grant

River Basin

Insular, Outer Hebrides 10

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	5.460
February ...	5.26	5.16	5.34	3.39	6.54	5.87	6.03	1.26	5.83	2.21	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	3.32	2.19	1.20	3.54	2.48	2.14	1.61	2.519
June	2.49	1.70	3.18	3.53	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	6.32	2.25	1.86	5.67	9.80	5.67	2.86	4.765
November ...	5.98	5.72	7.13	6.66	5.38	5.14	5.63	7.10	5.23	5.78	5.925
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 Sta. No. 89- 727447

Nga NB (19) 428329

alt 9m

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

RAINFALL at StornowayCounty of RossObserver Meteorological Office
W. GrantRiver Basin Insular, Outer Hebrides 10

Rain Gauge, by _____

Diameter ...	8											
Height	10											
Altitude ...	52			51								
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930. Means.	
January ...	8.77	8.15	5.82	6.57	4.56	5.82	5.47	7.27	10.56	1.85	6.62	7146
February ...	7.44	2.52	5.36	4.12	5.04	5.38	3.23	2.13	5.45	1.44	.74	4088
March	5.01	6.69	3.13	1.27	4.41	3.93	4.34	2.52	3.45	1.23	3.07	3938
April	2.96	2.50	2.56	2.98	2.87	3.79	2.32	6.47	2.44	1.59	1.99	3247
May	5.21	3.02	4.86	3.21	5.06	3.67	3.45	1.81	1.81	2.22	2.48	3480
June	1.51	1.76	2.73	2.64	3.33	.98	2.05	3.76	3.30	3.26	2.60	2792
July	2.77	3.21	2.56	3.80	4.84	2.08	1.86	3.92	3.05	2.91	1.43	3244
August	2.25	3.31	4.61	5.32	4.74	3.16	4.06	2.72	2.19	5.83	4.80	4299
September...	4.26	4.64	2.76	4.95	5.25	3.88	6.62	6.12	3.03	6.19	2.79	5049
October	2.66	4.78	3.07	7.45	4.96	4.73	5.75	7.37	5.07	7.61	7.91	6136
November...	8.53	3.23	3.74	7.29	4.14	4.34	5.04	5.47	6.75	5.86	6.67	6026
December...	4.99	8.66	5.88	5.57	9.23	5.74	5.27	1.17	5.53	7.69	5.44	6517
TOTALS...	56.36	52.47	47.08	55.17	54.43	47.50	49.46	51.03	52.69	47.68	45.74	55961

Hyd Sta. No. 89-72747
 NGR. NB (19) 428329
 alt 9m

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 Stromway. C. G.

(new station)

County of Ross & CromartyObserver Met. OfficeRiver Basin 10. Inverness - Outer Hebrides

Rain Gauge, by.....

Diameter												
Height												
Altitude												
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930	
January												
February												
March												
April												
May												
June												
July												
August												
September												# 7.38 6.40
October												7.25 7.87
November												5.84
December												4.87
TOTALS												imp

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	Direction from gauge	Parish Church.	Distance from gauge	Direction from gauge

(check-out) (1938)

RAINFALL at Stonoway (B.G. Station) M.W.R.

County of Downham Observer Meteorological Office

River Basin D. Shoulas - Outer Hebrides Station Office (MO)

Type of Gauge N.O.

Annual Average 28.2 in. based on 25 years obs. un-weighted. Period of average 1881-1915 Ref. 5022

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

Diameter	8.											
Height	1.0.											
Altitude	30.					79						
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	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	.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	2.57	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	2.49	5.21	2.44	3.41	1.60	2.67	5.64	4.71		
August	1.38	4.58	6.08	4.71	3.63	3.20	4.05	4.52	2.53	3.21		
September	1.66	4.76	0.90	5.51	6.76	4.41	4.41	4.19	2.74	3.64		
October	5.00	5.38	4.80	6.65	7.53	5.02	2.32	8.66	3.28	4.40		
November	4.88	4.59	1.78	2.35	3.32	4.26	2.23	5.72	6.34	5.74		
December	5.69	3.84	1.59	3.49	2.77	7.76	2.40	4.41	2.97	4.68		
TOTALS	47.01	46.88	34.74	48.16	46.46	38.87	35.78	53.48	42.98	40.22	42.47	

1936. Gauge moved 6 ft. May 1936. N.

14 ft. 8 ft. high 21 ft. E.

14 ft. 20. — 24 — 82 E.

Time — 15 " W

meas for Ann. 40 ft. high 21 ft. E.

MO MO CG

79 ft

Inf. well erected Aug. 1936.

1931-32-

Hgt. Sta. No. 89-727447

N.R. N.B (19) 428329

alt 9m

1933-1942

Hgt. Sta. No. 89-727436

N.R. N.B (19) 443205

alt = 24m

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 Direction from gauge	Parish Church.	Distance Direction from gauge
1936			Hyle of Shoulas	60 mi. S.S.E.	Stonoway	8 mi. N.N.W.

RAINFALL at Stonoway (Mathison Road)County of Northampton Observer W. GrantRiver Basin 10- Insular. Outer Hebrides Station Officer (no)Type of Gauge M.S.Annual Average 49.9 in. based on 35 years obs. un-weighted. Period of average 1881-1915 Ref. B.O.F.N.

c 1932

Diameter	8										
Height	1 0										
Altitude	30. 52										
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		.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	6.50	5.09	3.95	3.53					
September		5.03	0.76	6.49	7.87	4.21					
October		5.86	5.46	7.57	9.03	5.70					
November		4.73	1.86	2.56	3.68	4.53					
December		4.20	2.16	3.58	3.58	3.63					
TOTALS	(49.00)	48.91	38.90	52.39	53.56	41.77					

1936. Windmill 20ft high 12 ft. N.E.
 Wooden Shed 12 - " 13 - " S.W.
 Trees 24 - " 4 - " S.

1931 map attached

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
1936			Kyle of Lochalsh	63 mi.	SS.E.	Stonoway	600 yds.	S.W.

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

RAINFALL at Scunaway near Ely 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			79'									
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

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.

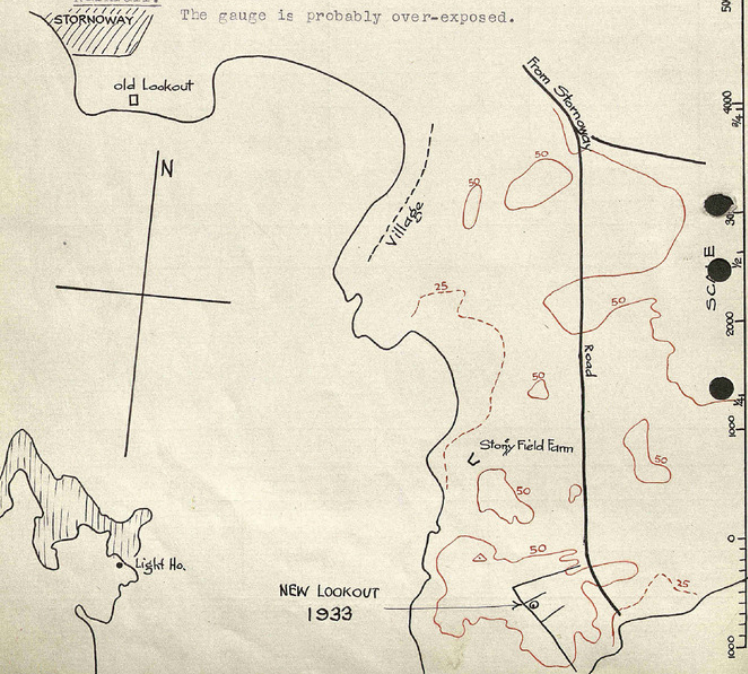
See catechism.

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.



MWR

Metform 6810

METEOROLOGICAL OFFICE

RAINFALL 1971-1980

No. 727436(Old No. 5796)

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

	Average 1916-1950	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	
January ...		3.13	4.40									
February ...		4.09	3.29									
March ...		1.39	2.65									
April ...		1.54	1.19									
May ...		0.88	1.53									
June ...		0.57	2.25									
July ...		3.86	4.75									
August ...		5.19	3.97									
September		1.71	4.54									
October ...		3.51	6.02									
November		4.30										
December		4.17										
TOTAL ...		34.84										
1916-1950 Percentage												
(D) 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 31/10/42 moved 1.8 miles NE to Stornoway Airfield
(see other details on next sheet - Stornoway Airport) (SN) 727288

NOTES on years with incomplete or unsatisfactory data:

Continue notes overleaf if necessary.