

5795

Rainfall at *Stormway*

50
Rosa.

Diameter of Gauge, in. Height above Ground, ft. in. Above Mean Sea Level, ft.

Januari - 10.

YEAR - -	1850	1851	1852	1853	1854	1855	1856	1857	1858	1859	MEANS.
January - -					4.46	1.43	1.95	3.49	4.15	4.39	
February - -					2.90	1.58	2.93	3.15	1.55	2.62	
March - - -					1.16	2.53	.05	2.44	2.16	4.37	
April - - -					1.34	1.48	.51	1.04	.83	2.55	
May - - -					1.84	1.68	1.01	1.71	2.49	.33	
June - - -					2.84	2.34	3.82	1.32	2.68	1.82	
July - - -					2.34	1.79	3.82	3.65	3.51	2.86	
August - -					5.30	3.35	6.10	2.09	1.83	2.62	
September -					3.06	1.50	2.94	4.54	3.44	3.66	
October - -					4.58	3.18	2.38	3.34	2.54	2.52	
November -					3.73	2.23	5.35	3.30	1.34	2.61	
December -					6.20	3.32	5.33	5.04	3.66	4.05	
TOTALS -					38.81	26.41	26.58	35.14	30.54	34.20	

No Rainfalls

ST95
60

Stromoway
Lat 58.11.28 Lon. 6.22.10

Reiss

+ ground 3:4 + sea level 31.6

Draulax - 10.

YEAR --	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -	2.54	2.15	3.50	6.51	2.42	2.75	3.48	1.51	4.00	3.38	3.224
February - -	1.22	3.42	1.00	3.18	3.18	.88	4.58	2.78	5.96	5.02	3.122
March - - -	3.18	3.86	1.17	1.72	2.16	1.44	1.78	.97	3.29	1.12	2.069
April - - -	1.12	.55	3.81	3.67	1.75	.94	.72	3.22	1.25	1.64	1.867
May - - -	2.85	1.84	2.57	1.22	2.30	1.18	1.12	1.73	2.68	.54	1.803
June - - -	2.12	1.85	2.30	2.19	2.68	.48	1.25	1.81	2.53	1.28	1.949
July - - -	1.23	3.74	2.70	.44	1.83	1.13	1.36	1.05	.97	2.39	1.684
August - -	3.43	5.10	2.26	3.18	1.93	2.52	2.66	2.52	4.23	1.16	2.899
September -	2.97	4.48	1.53	4.22	3.42	2.43	4.68	2.32	1.67	5.78	3.350
October - -	5.73	2.91	6.75	3.20	2.39	3.39	1.69	3.44	3.94	1.75	3.519
November -	1.63	6.01	3.99	3.63	1.20	1.56	4.89	1.51	1.78	1.47	2.67
December -	1.71	3.85	4.65	3.01	4.13	2.71	5.88	2.70	3.19	3.50	3.339 +
TOTALS -	29.73	39.76	37.23	36.17	29.39	21.41	34.06	25.65	35.49	29.03	31.792

c c c c c c c c c c

5995

RAINFALL AT Isle of Lewis Stornoway

Lat.

Lon.

County of West Ross

70

Rain Gauge, by

Observer Board of Northern Ld.

Inches, outer Hebrides -10.

Diameter.....											
Height.....	3·4										
Altitude.....	31										
Year	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....	2·46	3·28	5·87	4·94	3·78	4·02	3·24	3·19	3·29	1·28	3·535
February.....	1·54	2·01	2·37	74	1·11	1·35	3·14	3·67	1·16	1·00	1·809
March.....	1·85	2·00	2·01	1·30	2·64	43	2·41	1·79	1·54	2·77	1·874
April.....	2·77	93	1·80	84	2·19	1·07	1·52	1·36	1·21	1·31	1·600
May.....	1·75	95	2·20	93	2·18	2·96	1·39	2·55	3·02	1·38	1·931
June.....	67	50	2·98	1·94	2·18	2·47	2·73	3·18	2·51	1·04	2·200
July.....	1·61	4·41	2·62	3·67	2·28	1·66	1·13	2·01	1·71	2·17	2·327
August.....	82	2·71	2·43	3·71	2·60	3·12	1·67	3·58	1·37	4·70	2·671
September.....	3·29	2·37	3·33	2·59	3·66	1·57	1·85	1·47	3·28	3·82	2·723
October.....	3·23	3·68	3·99	4·26	4·88	2·09	3·36	5·26	4·11	2·15	3·701
November.....	3·09	1·96	3·34	2·43	2·92	3·30	1·57	6·00	2·84	1·71	2·916
December.....	1·14	3·01	2·77	3·09	1·89	2·06	1·37	4·47	3·18	3·04	2·602
TOTALS.....	24·22	27·81	35·71	30·44	32·31	26·10	25·38	38·53	29·22	26·37	29·609

RAINFALL AT Isle of Lewis Stornoway 5795

Lat.

Lon.

County of West Ross

Rain Gauge, by

Observer Bd. of Northern Lights

Inaugural, Outer Hebrides - 10.

Diameter												
Height	3	4										
Altitude	31?											
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.	
January	2.31	1.92	3.57	2.59	4.48	2.33	2.91	4.17	2.51	2.85	2.864	
February	4.21	3.61	2.64	2.70	3.08	3.88	1.76	3.42	1.13	2.81	2.924	
March	1.98	2.03	4.15	1.60	2.35	2.41	1.55	1.34	1.95	2.18	2.054	
April	1.62	1.11	2.44	.61	.63	1.38	2.22	2.83	2.64	1.52	1.700	
May	1.47	2.87	1.95	2.39	4.07	2.40	.96	1.32	2.74	2.50	2.267	
June	1.45	3.46	2.87	1.67	1.59	3.36	1.48	1.31	1.33	.78	1.930	
July99	3.45	2.46	2.23	2.43	2.42	2.66	3.01	1.07	.75	2.147	
August70	3.44	2.30	3.49	2.61	1.04	2.32	2.24	2.94	3.60	2.468	
September....	3.15	1.55	1.98	2.90	2.22	4.13	2.83	2.44	1.51	2.43	2.514	
October....	3.81	1.90	3.08	5.27	4.42	4.62	3.61	3.09	3.74	2.13	3.567	
November....	3.75	5.83	4.14	5.16	5.12	1.93	3.88	2.13	3.58	2.20	3.772	
December....	3.77	4.82	2.55	4.28	3.25	3.64	4.60	2.60	2.04	3.58	3.513	
TOTALS	28.21	34.99	34.13	34.89	36.25	33.84	30.78	29.90	27.18	27.33	31.720	

RAINFALL AT Isle of Lewis Stornoway

Lat.

Lon.

County of West Ross

Rain Gauge, by

Inch, outer Hebrides - 10.

Observer

Board of Northern Lights

Diameter	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
Height	3.4										
Altitude	319										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	
January	5.80	2.92	2.45	2.13	3.48	2.04	3.42	1.36	2.74	4.86	3.120
February	.92	2.45	2.06	2.71	5.06	.70	2.42	1.87	3.78	2.25	2.422
March	3.50	1.69	1.69	1.08	3.44	2.77	3.74	4.40	2.87	3.78	2.896
April	2.16	.69	1.15	1.00	.85	2.45	1.82	1.62	2.82	2.97	1.458
May	.83	2.05	3.63	1.62	2.01	1.22	1.21	1.82	2.25	2.01	1.865
June	3.11	2.09	1.84	1.54	1.85	2.53	2.96	.52	3.15	2.22	2.181
July	3.61	1.44	2.02	3.02	5.73	2.84	3.14	2.09	2.31	1.00	2.720
August	2.71	3.11	3.57	4.80	3.57	3.42	4.12	2.41	3.04	.95	2.170
September	1.86	3.43	4.45	4.64	.36	3.24	3.75	4.21	2.49	7.12	2.550
October	5.31	4.89	3.17	5.27	2.58	4.38	3.80	2.33	2.53	3.33	3.759
November	3.83	3.17	2.57	4.43	4.48	2.87	2.73	2.52	3.61	5.54	2.575
December	1.50	4.32	2.46	5.51	4.13	2.83	2.96	6.08	6.94	4.03	4.076
TOTALS	35.14	32.25	31.06	37.95	37.54	31.29	36.07	31.23	38.53	40.06	35.072

1860

RAINFALL AT Isle of Lewis Stromness Lighthouse

Lat. Lon. County of West Ross

Rain Gauge, by ...
Diameter, outer Hebrides - 10.

Observer Board of Northern Lights

Diameter	8									
Height	3	4	4	9							
Altitude ..	31	9	20					56			
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	3.94	2.77	2.65	4.20	5.60	2.60	1.66	.97	2.68	4.35	3.132
February ..	2.20	2.78	.87	4.80	3.60	4.10	1.03	3.31	3.33	1.15	2.717
March69	1.69	3.80	5.60	1.35	4.40	.67	3.43	4.83	1.37	2.783
April	2.66	2.45	1.65	2.15	4.35	1.95	.66	1.74	3.09	2.09	2.279
May	2.52	.41	2.14	1.55	2.00	1.10	.83	2.16	2.06	2.39	1.716
June	3.58	2.86	1.79	1.35	1.45	.62	.53	5.28	1.52	1.51	2.049
July	3.23	1.52	1.95	3.55	1.55	.83	2.49	2.64	1.36	2.60	2.172
August	2.66	3.76	1.85	7.35	5.95	1.18	1.14	4.26	1.97	2.21	3.233
September ..	4.85	2.33	2.28	2.60	3.45	3.64	.41	.94	3.62	1.16	2.628
October	4.04	4.25	4.82	7.82	3.00	1.20	1.34	1.72	2.53	6.38	3.710
November ..	2.88	2.19	2.50	3.85	3.55	2.51	5.79	3.60	5.49	3.32	3.568
December ..	5.49	3.85	2.81	1.90	5.30	2.49	1.64	4.12	4.69	3.28	3.557
TOTALS ..	38.74	30.86	29.11	46.72	41.05	26.62	18.19	34.17	37.17	31.81	33.444

1905 & 1906 Not printed here

1907 " "

1908 " " small

1909 " " "

RAINFALL at Stornoway Lighthouse 5795
 County of Ross Observer Bd. of Northern Lights
 River Basin Insular, Outer Hebrides 10.
 Rain Gauge, by _____

Diameter ...										6	
Height										4 9	
Altitude ...										20.	
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	5.06	2.65	2.18	2.66	4.63	6.11	6.26	2.63	3.10	3.35	1916
February ...	3.88	3.99	3.53	2.30	5.78	3.86	4.00	.57	4.27	1.87	1915
March	2.37	2.61	4.77	4.51	3.80	2.83	1.07	1.69	1.88	3.38	8.02
April	4.44	4.35	2.96	2.81	2.71	3.01	2.93	1.73	.74	2.63	8.03
May	2.66	2.08	2.41	2.34	1.64	.73	1.95	1.53	1.83	1.44	6.75
June	1.93	1.47	2.18	3.72	1.13	.86	1.52	2.99	2.39	3.00	10.70
July	2.92	4.59	3.03	.95	2.04	2.46	1.14	.87	4.09	1.87	7.97
August	5.38	3.30	3.80	1.68	2.69	1.52	.92	3.11	5.18	3.28	12.49
September ..	2.10	3.26	1.16	2.07	3.56	2.14	1.76	4.95	5.57	3.91	16.19
October ...	3.24	2.81	4.27	4.86	2.49	1.47	4.34	7.28	3.72	2.66	18.00
November ..	3.95	4.68	4.88	5.31	4.05	2.70	4.78	4.63	3.38	3.58	16.37
December ...	3.53	4.86	5.87	3.79	4.26	4.97	3.95	2.94	4.47	5.34	16.70
TOTALS ...	41.46	40.65	41.04	37.00	38.78	32.66	31.62	34.92	40.62	36.61	?

1910. Bad - not published.

1911. ~~~~

1912. ~~~~

1913. ~

1914. small not published

1915. ~

1916. ~

1917. ~

1918. ~

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

RAINFALL at Stornoway, Lighthouse

County of Ross Observer Board of Northern Lights

River Basin Insular, Outer Hebrides 10

Rain Gauge, by

Diameter ...	8	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930. MEAN.
Height	4 9											
Altitude ...	20											
Year												
January ...	6.56	6.24	4.46	3.95	3.67	5.50	5.17	6.99	10.78	1.70	6.30	
February ...	5.62	1.69	3.68	3.44	2.10	5.13	3.09	2.19	5.21	1.49	.69	
March	3.14	4.97	2.29	.67	2.65	3.62	3.83	2.70	3.40	1.12	2.36	
April.....	1.65	1.56	2.20	1.85	3.36	3.09	1.96	6.73	2.23	1.58	1.75	
May	3.69	2.69	3.57	2.48	2.21	3.86	3.32	1.30	1.64	2.34	2.10	
June	1.39	1.28	1.81	2.08	2.45	.67	1.81	3.47	3.03	3.37	2.24	
July	2.00	2.79	2.09	3.30	4.27	2.17	1.74	3.98	3.44	2.95	1.81	
August	1.95	2.57	3.79	4.00	3.93	3.21	3.95	3.37	2.17	6.41	4.53	
September...	3.13	4.02	2.08	4.87	4.56	3.22	6.14	6.01	2.92	5.35	2.06	
October.....	2.02	3.87	1.87	6.41	4.02	4.39	4.07	7.50	4.59	6.82	7.10	
November...	6.88	2.92	2.85	6.16	3.73	4.25	4.97	5.60	6.50	5.48	3.96	
December...	3.86	5.70	4.60	4.39	2.39	4.86	4.63	.83	5.35	7.35	6.18	
TOTALS...	41.79	40.30	35.29	43.60	45.24	43.99	44.68	50.67	51.29	45.96	39.58	

Catchment 1926. Ground level for 14 yds round & S. S. in open field. Hill 50ft. high about 40ft. to the S. standards rim 6 in. always ground.

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

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

RAINFALL at Stornaway Lighthouse

County of Ross & Cromarty

Observer Com'dr of N. Lighthouses

River Basin 10 - Inveraray, Outer Hebrides.

Type of Gauge

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

Ref.....

Diameter	5.										
Height	0.6										
Altitude	88.										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January		10.78	5.99	6.17	5.67	3.02	4.92	7.33	4.03	1.59	
February		4.6	2.57	2.54	5.19	2.37	3.87	2.34	6.28	2.02	
March		2.82	2.23	2.63	3.97	2.11	1.61	4.17	4.03	2.76	
April		3.57	3.26	4.91	2.09	2.01	1.59	7.3	2.43	4.54	
May		1.36	1.82	2.07	1.77	7.7	2.55	2.14	1.04	1.64	
June		1.26	1.70	1.90	2.51	7.9	(3.49)	3.93	1.27	1.74	
July		4.29	2.41	4.95	2.24	3.09	1.31	2.32	5.01	4.80	
August		4.7	5.99	4.53	3.51	2.88	3.36	4.28	2.24	3.98	
September		3.90	0.80	5.32	7.05	4.09	4.11	2.76	2.38	3.51	
October		5.61	4.66	7.11	8.54	6.02	2.00	9.64	2.65	4.89	
November		4.10	1.73	2.40	3.41	4.28	2.22	5.87	5.33	5.42	
December		4.18	1.54	4.03	3.27	9.05	2.13	4.07	2.30	4.95	
TOTALS		42.80	34.20	48.56	49.22	40.48	(33.16)	50.28	37.99	41.84	

1931 Record returned to Drs. Eddingtons 4" lens.

1932. Published but considered about 1° too low.

1937 June adjusted by 200 ft.

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.....

5795

RAINFALL at Stormont Lighthouse

41

County of Ross & Cromarty Observer Comis. of N. Lighthouse.
River Basin 10 - Inular Outer Hebrides

Type of Gauge.....

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

File No.....

Diameter	5			727	690						
Height	0' 6"					1					
Altitude	28'					44					
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	1.29	4.15	5.43	2.42	2.06	5.63	2.65	6.96	5.38	3.02	
February	3.73	3.32	5.18	1.82	1.56	4.50	1.51	3.96	5.77	4.49	
March	1.64	2.37	2.08	1.84	1.35	1.77	1.49	3.08	2.71	2.67	
April	2.24	1.75	1.49	1.17	1.42	2.65	6.64	4.01	3.67	5.20	
May	1.24	1.20	1.01	1.16	1.59	1.93	2.18	1.80	2.58	1.06	
June	0.95	2.26	2.11	1.80	2.88	4.47	2.17	2.94	1.74	2.58	
July	4.72	5.40	2.90 (0.75)	1.24	4.85	3.00	2.93	1.22	3.04		
August	6.13	4.74	4.83	1.40	2.45	3.16	1.48	4.01	3.03	3.82	
September	1.59	4.59	3.55	1.17	4.80	6.54	7.05	6.88	3.80	6.34	
October	4.75	6.06	5.52	2.55	2.78	1.87	2.90	4.81	4.69	4.06	
November	4.79	2.39	2.81	2.41	1.57	5.53	7.61	5.03	6.05	3.87	
December	3.79	7.35	1.30	3.57	5.06	6.42	4.08	6.09	8.02	3.85	
TOTALS	36.76	44.58	38.21	18.56	28.76	47.32	40.76	51.50	47.66	44.00	

1944 July catch by ref to river stem up low. 1945 up low.

Inspected 14.9.46. Gauge considerably soldered but present sound. On 34.5 in. computed for Survey (1943 rev.), on 35.95 in. rejected as more than 10% low.

G. sunk in concrete block 16' x 2' about 6' high.

River is 7' above concrete. It would be difficult to extract concrete block without damage to river gauge.

To sea ground rises in pronounced slope, 6' 12'-14'. 25yds E. of 13. - 47N 8° E. Hyperbola - 20yds E. of 13. L. house.

Site 6. 1m. 25yds from cliff edge, 6ft 12ft above sea level. Drowning possible action by D.L. Est.

1946 up high.

1947 Sept. at - up.

1948 up high.

00404

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	Parish Church.	Distance from gauge	Direction

Station No. 5795

51

RAINFALL at Stornoway Lighthouse

County of Ross & Cromarty Observer Com'rs of N. Lighthouses
River Basin 10 - Insular Outer Hebrides

Type of Gauge.....

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

File No.

Diameter	5"				727	690					
Height	6' 0"			6"		1					
Altitude	28'					51					
Year	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January	4.34	5.37	3.27	3.91	2.40	4.35	5.48	5.80	6.89	2.45	
February	3.15	3.02	3.05	2.87	1.99	2.43	3.00	3.22	1.17	2.71	
March	2.54	3.87	1.49	4.09	1.56	1.49	3.66	.88	1.87	0.66	
April	4.38	(1.94)	4.08	1.48	1.88	2.18	2.20	1.83	4.73	2.72	
May	0.94	(2.25)	1.90	3.64	2.21	2.17	2.10	5.72	0.75	1.11	
June	2.25	2.64	1.91	4.16	2.11	1.88	3.34	1.76	1.98	3.53	
July	3.76	2.73	4.45	2.83	.74	4.56	2.28	1.41	3.87	2.35	
August	4.78	3.16	2.92	2.09	1.33	3.43	-100	2.93	2.15	2.43	
September	3.17	(4.23)	1.73	4.66	4.17	2.46		4.67	1.16	2.37	
October	3.01	(5.20)	4.67	7.63	4.03	5.15		4.01	3.61	1.26	
November	4.78	(3.44)	(7.34)	5.38	2.11	3.55		2.10	6.71	2.97	
December	5.55	(5.47)	(4.39)	6.15	6.74	4.90	-100	2.73	3.50	4.40	
TOTALS	42.65	43.32	41.20	48.89	31.24	38.75	-100 7.p. n.p.fav	37.06	38.41	28.96	

1952. Apr-May, Sept-Dec. off.

1953 Nov-Dec. part off. 1953b.

+ 1954 Jan-April always av 6".

1955 7.p. fav.

1958 Point.

0670 00034

1959. n.p. fav.

1960 n.p. check

Memorandum AF/M/1203/71

432307

Position of Station on Ordnance One-Inch map :

No. of Map.....

National Grid Reference 19/443307

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

Summary of Earlier Records from 10-year Sheets :

Record D, or d		1910-19	1920-30	1931-40	1941-50	1951-60
		✓ 1910-19	✓ D28	1932-40	1941-42 M 1943-46 NP 1947 M 1948 NP	1949-50 M