

Butt. of Lewis

N L

60

Rev.

+ ground 3.6

+ Sea Level

Inular -10.

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -				9.09	2.95	10.23	5.11	4.29	5.61	2.92	
February - -				4.60	3.63	3.01	7.80	7.00	6.75	7.98	
March - - -				2.35	4.01	3.75	2.97	2.32	5.19	3.69	
April - - -				4.12	2.01	1.62	.71	4.28	2.34	2.53	
May - - - -				2.63	2.85	1.46	1.98	1.01	2.78	.86	
June - - - -				1.57	3.52	.82	1.57	2.64	3.22	1.84	
July - - - -				.52	2.58	1.77	2.22	1.28	1.42	3.38	
August - - -				2.42	1.96	3.21	2.90	2.46	4.94	2.56	
September -				6.59	5.68	3.27	4.28	2.80	1.66	6.11	
October - -				4.52	2.65	3.90	2.48	5.50	5.16	3.22	
November -				4.63	1.90	2.50	7.99	2.39	2.57	5.80	
December -				6.83	7.90	4.33	3.20	5.39	4.57	5.24	4.76
TOTALS -				50.94	38.07	38.74	45.40	40.54	48.93	45.65	

C C C C C C C C

L.H. not built till after 1861

RAINFALL AT *Lewis Built of Lewis*

Lat.....

Lon.....

County of.....

Nes A Ross

Rain Gauge, by.....

Observer.....

*Board of Northern Light**Inular -10.*

Diameter											
Height	3.6										
Altitude											
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....	4.14	3.25	5.69	4.83	8.07	5.82	3.91	4.90	4.27	2.08	4.696
February	1.71	3.73	2.99	1.44	1.37	1.79	3.84	4.93	2.06	1.92	2.578
March	2.27	2.88	2.40	1.17	5.01	1.23	6.07	5.01	4.37	3.25	3.366
April	3.67	1.47	2.27	.96	3.91	2.10	2.20	1.87	1.72	1.42	2.159
May	2.34	1.24	3.32	1.27	2.75	2.24	1.16	4.31	2.09	1.81	2.253
June.....	1.73	.72	4.11	2.39	3.17	2.31	2.22	4.27	2.70	1.54	2.516
July	2.40	5.95	3.43	3.21	1.94	2.14	2.33	3.43	2.82	3.09	3.074
August.....	7.70	3.23	1.81	4.94	3.50	4.08	2.25	3.55	1.68	5.95	3.269
September.....	3.39	1.66	4.92	4.20	4.21	1.80	2.57	2.37	5.17	5.26	3.555
October.....	3.15	3.66	4.71	8.17	6.33	2.77	4.82	6.33	5.89	2.96	4.879
November.....	4.22	2.52	4.12	3.90	3.73	3.66	2.35	7.78	3.95	2.83	3.906
December.....	3.78	3.80	3.24	5.78	4.31	3.83	2.86	7.35	5.65	3.49	4.409
TOTALS	34.50	34.11	43.01	42.26	48.30	33.77	36.58	56.10	42.37	35.60	40.660

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RAINFALL AT *Isle of Lewis Butt of Lewis*

Lat. _____

Lon. _____

County of *West Ross*

Rain Gauge, by _____

Observer *St. of Northern Lights*

Inches - 10.

Diameter											
Height	<i>3.6</i>										
Altitude											
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January	<i>3.18</i>	<i>1.29</i>	<i>4.17</i>	<i>2.92</i>	<i>7.57</i>	<i>2.15</i>	<i>8.43</i>	<i>5.01</i>	<i>2.26</i>	<i>3.67</i>	<i>4.065</i>
February	<i>4.14</i>	<i>2.11</i>	<i>4.03</i>	<i>3.17</i>	<i>2.65</i>	<i>4.03</i>	<i>1.77</i>	<i>3.80</i>	<i>.94</i>	<i>2.10</i>	<i>2.874</i>
March	<i>2.17</i>	<i>2.27</i>	<i>5.48</i>	<i>3.04</i>	<i>1.88</i>	<i>3.33</i>	<i>1.68</i>	<i>1.46</i>	<i>1.76</i>	<i>2.16</i>	<i>2.543</i>
April	<i>1.52</i>	<i>.56</i>	<i>2.74</i>	<i>1.02</i>	<i>.47</i>	<i>1.74</i>	<i>3.62</i>	<i>4.41</i>	<i>2.93</i>	<i>.63</i>	<i>1.964</i>
May	<i>1.87</i>	<i>1.21</i>	<i>1.70</i>	<i>2.37</i>	<i>2.96</i>	<i>2.16</i>	<i>1.73</i>	<i>1.33</i>	<i>2.69</i>	<i>2.57</i>	<i>2.058</i>
June	<i>1.30</i>	<i>.76</i>	<i>1.82</i>	<i>.81</i>	<i>1.64</i>	<i>3.19</i>	<i>1.88</i>	<i>1.26</i>	<i>1.32</i>	<i>.16</i>	<i>1.414</i>
July	<i>1.99</i>	<i>2.51</i>	<i>3.61</i>	<i>2.94</i>	<i>2.22</i>	<i>3.17</i>	<i>2.06</i>	<i>2.53</i>	<i>.91</i>	<i>.57</i>	<i>2.251</i>
August	<i>.72</i>	<i>3.72</i>	<i>2.66</i>	<i>3.87</i>	<i>3.46</i>	<i>2.13</i>	<i>3.38</i>	<i>3.03</i>	<i>2.86</i>	<i>4.11</i>	<i>2.994</i>
September	<i>3.11</i>	<i>1.96</i>	<i>3.89</i>	<i>2.53</i>	<i>2.32</i>	<i>4.69</i>	<i>3.46</i>	<i>3.36</i>	<i>1.33</i>	<i>2.11</i>	<i>2.876</i>
October	<i>4.00</i>	<i>1.61</i>	<i>1.60</i>	<i>4.90</i>	<i>5.32</i>	<i>4.44</i>	<i>2.41</i>	<i>4.32</i>	<i>4.61</i>	<i>1.54</i>	<i>3.472</i>
November	<i>3.84</i>	<i>4.16</i>	<i>5.28</i>	<i>5.32</i>	<i>5.67</i>	<i>2.52</i>	<i>4.64</i>	<i>3.45</i>	<i>1.70</i>	<i>3.68</i>	<i>4.029</i>
December	<i>3.50</i>	<i>5.00</i>	<i>3.44</i>	<i>5.30</i>	<i>4.63</i>	<i>6.45</i>	<i>5.13</i>	<i>3.27</i>	<i>2.68</i>	<i>3.89</i>	<i>4.329</i>
TOTALS	<i>31.34</i>	<i>27.16</i>	<i>40.42</i>	<i>38.19</i>	<i>40.79</i>	<i>40.16</i>	<i>40.19</i>	<i>37.23</i>	<i>26.02</i>	<i>27.19</i>	<i>34.869</i>

RAINFALL AT

Isle of Lewis. Butt of Lewis

Lat. _____

Lon. _____

County of _____

West Ross

Rain Gauge, by _____

Observer _____

Board of Northern Lights

Inquirer, 10.

Diameter . . . . .	...										
Height	3 6											
Altitude . . . . .	...										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January	4.66	2.77	2.56	2.67	5.30	2.79	4.96	1.56	3.81	3.87	3.495	
February . . . . .	.65	2.67	1.80	2.22	7.70	.74	2.89	3.10	7.43	1.88	2.108	
March	2.42	.49	.70	2.64	4.16	3.08	4.23	3.89	4.37	2.28	2.826	
April	2.48	.40	1.10	.87	.45	2.43	2.78	1.59	2.23	3.64	1.799	
May . . . . .	.65	1.49	2.49	1.73	2.60	.96	.99	2.78	2.52	1.35	1.756	
June	3.05	1.57	2.05	1.13	3.57	3.22	2.36	.54	2.88	2.80	2.319	
July	3.17	2.13	1.77	3.70	5.44	3.07	2.43	2.45	3.31	1.58	2.905	
August	3.92	3.25	3.38	5.30	5.05	3.47	4.80	1.69	4.50	1.30	3.666	
September	2.08	3.18	4.05	8.46	.30	3.21	4.10	5.44	2.91	6.08	3.981	
October	5.76	3.97	4.36	9.97	2.90	5.15	7.66	3.00	2.88	3.66	4.931	
November	4.48	3.10	1.31	7.49	4.62	2.60	4.33	3.69	3.32	4.75	3.969	
December	1.09	3.43	3.05	7.32	5.11	4.57	2.70	4.32	7.61	5.42	4.462	
TOTALS	34.41	28.45	28.62	53.50	47.20	35.29	44.23	34.05	47.77	38.61	39.213	

1870 =

RAINFALL AT *Ile of Lewis Butt of Lewis*

Lat. Lon. County of *West Ross*

Rain Gauge, by Observer *Board of Northern Lights*

Inulas, Outer Hebrides - 10.

Diameter ..	...	8									
Height	3	6	4	6							
Altitude ..	...	65						170			
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	4.87	1.41	5.19	4.03	5.36	4.98	5.26	7.69	3.62	5.57	4798
February ..	1.93	2.55	1.62	6.24	3.58	6.73	8.46	3.57	4.22	2.21	4111
March	1.36	2.37	3.24	7.11	1.42	3.72	3.25	4.14	4.09	2.95	3365
April	2.70	2.25	1.90	2.55	5.43	1.93	2.72	2.40	2.40	2.03	2631
May	2.87	.34	1.18	.91	1.82	1.18	2.91	1.36	1.64	2.49	1670
June	3.57	2.43	.70	1.44	1.38	1.32	1.48	4.13	3.16	1.30	2091
July	3.94	1.42	2.87	2.05	1.85	2.02	3.05	2.22	.80	1.70	2192
August	2.36	3.44	1.65	6.93	4.82	5.10	2.86	4.77	2.41	2.76	3710
September ..	5.53	1.87	2.13	2.74	3.38	4.75	1.19	2.04	3.32	1.27	2822
October	5.70	6.73	5.98	8.89	4.60	4.53	2.93	1.80	1.84	5.62	4862
November ..	4.05	3.94	2.90	5.50	6.04	4.02	4.44	4.07	5.46	5.00	4542
December ..	8.14	6.70	4.98	2.18	6.20	5.33	8.07	4.22	3.45	3.90	5317
TOTALS ..	47.02	35.45	34.34	50.57	45.88	45.61	46.62	42.41	36.41	36.80	42111

1908. Bad - not printed.

H.W.

RAINFALL at Stornoway, Butt of LewisCounty of Ross Observer Bd. of Northern LightsRiver Basin Insular, Outer Hebrides 10.

Rain Gauge, by _____

Diameter ...	8										
Height	4 6										
Altitude ...	170										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	6.05	3.70	2.16	2.38	4.84	5.18	8.05	4.77	1.70	2.25	
February ...	3.94	4.14	2.29	3.18	5.40	3.84	4.59	1.47	2.95	1.02	
March	2.30	3.35	3.03	5.20	4.54	2.62	1.53	2.36	.86	3.26	
April	5.65	3.57	2.88	3.01	3.98	3.98	2.35	2.40	(.75)	3.12	
May	2.39	1.80	2.62	2.18	1.64	.99	2.39	1.53	1.20	.70	
June	1.96	2.40	2.83	3.03	2.16	.85	1.42	3.31	3.94	3.12	
July	2.70	4.68	1.35	.57	3.00	3.08	.98	1.20	3.24	1.57	
August	4.83	1.86	5.32	1.21	2.74	1.69	1.04	3.58	5.28	2.18	
September ..	2.00	4.42	1.58	2.19	2.29	2.25	2.60	6.61	4.08	3.03	
October ...	2.11	2.27	5.15	4.60	2.00	1.33	5.03	7.71	3.02	2.46	
November ..	4.57	4.03	6.67	7.91	4.58	2.92	5.59	5.16	3.16	2.46	
December ...	3.26	4.84	5.23	5.71	5.68	5.47	#37	2.91	3.96	2.90	
TOTALS ...	41.76	41.06	41.11	41.27	42.85	34.20	39.94	43.01	(34.14)	28.77?	

1918 April estimated.

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

RAINFALL at *Stormoway, Islet of Lewis*County of *Ross*Observer *Board of Northern Lights*River Basin *Insular, Outer Hebrides 10.*

Rain Gauge, by _____

Diameter ...	8											
Height	4.6						3.9					
Altitude ...	170						51					
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MEANS.	
January ...	5.42	5.45	4.93	4.56	3.98	6.50	5.60	5.16	5.15	2.01	3.96	55.72
February ...	4.06	3.50	3.32	3.35	3.97	7.30	4.50	1.53	3.65	.74	.09	38.01
March	2.34	5.79	2.94	1.89	4.20	1.70	7.09	1.57	1.55	.69	3.13	37.19
April	1.25	2.15	1.32	1.47	1.53	3.50	.91	6.17	1.57	1.84	1.60	22.81
May	2.57	1.54	3.51	3.15	3.48	3.90	3.47	1.84	1.79	1.48	2.00	28.73
June	1.11	1.58	1.58	2.36	3.47	.50	.54	2.34	2.38	1.81	1.05	18.72
July	2.21	1.67	2.14	2.92	3.01	1.80	1.80	2.82	3.66	2.12	1.17	25.12
August	1.08	5.66	2.34	3.94	3.94	4.80	4.07	2.54	3.47	5.55	3.42	37.81
September...	2.33	3.34	2.05	4.35	2.65	5.10	5.96	5.62	2.57	4.21	2.10	40.28
October	1.72	4.80	1.65	7.03	.62	5.40	4.03	7.40	3.16	2.07	5.69	43.57
November...	6.35	2.03	3.18	5.85	.40	1.90	4.00	4.17	5.22	2.02	5.20	40.32
December...	3.24	4.16	4.41	5.39	.85	5.50	5.10	.44	4.06	4.44	4.62	42.21
TOTALS...	33.68	38.67	33.37	46.26	36.10	47.90	47.07	41.90	43.23	28.48	34.03	

1925. N.P. lbg.

Catchment 1926. Is. on grass land surrounded by walls and buildings. Sometimes from W to E slightly. House 13 yds to NE + 24 ft. high, houses 20 yds to NW + SE about 14 ft. high. well to SW. Is. with visible 3 ft 9 in. above ground.

1929. annual total 7 ins. low.

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 *Bucc of Lewis Lighthouse.*

M.W.R.

County of *Pewee & Bromast.*Observer *Com's 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.....

Diameter	8										
Height	3.9										
Altitude	51.										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	4.19	9.58	5.71	5.13	5.97	3.42	4.31	2.24	4.30	2.26	
February	5.70	1.33	4.04	2.82	5.76	1.57	4.45	3.49	5.93	1.41	
March	1.22	3.32	3.62	3.95	3.90	1.59	1.23	3.78	3.62	3.24	
April	1.89	3.49	4.03	5.02	2.41	1.70	.94	1.80	2.47	4.11	
May	1.59	1.89	0.86	2.02	1.99	1.19	1.72	2.73	1.91	1.60	
June	3.93	1.33	1.90	1.62	3.18	1.22	1.95	4.71	1.24	1.95	
July	3.47	4.51	2.70	3.11	3.32	3.48	2.05	2.63	6.53	5.43	
August	1.29	4.40	4.51	4.90	3.82	3.62	3.10	2.44	1.87	3.57	
September	1.54	4.81	0.80	6.15	6.42	2.92	4.03	2.95	3.02	3.61	
October	4.10	5.03	5.98	7.22	7.40	5.46	2.74	10.27	2.68	3.90	
November	5.05	4.64	1.55	2.79	3.89	4.70	3.05	7.57	6.00	5.61	
December	4.96	3.63	1.97	3.22	3.43	3.27	1.86	6.07	2.09	4.43	
TOTALS	38.93	47.96	37.67	47.95	51.50	39.14	31.43	58.83	41.66	41.12	

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

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

RAINFALL at Butt of Lewis Lighthouse Station No. 5797 M.W.R. 41
 County of Ross & Cromarty Observer Comrs of Lighthouse
 River Basin 10- Insular Outer Hebrides
 Type of Gauge.....

Annual Average 32.2 in. based on 3.5 years obs. un-weighted. Period of average 1881-1915 Ref. S

File No.

Diameter	8"										
Height	3'9"										
Altitude	51'										
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	1.45	2.71	4.00 (5.35)	3.61	3.36	1.66	1.54			1.01	
February	4.11	2.46	6.14 (1.89)	3.88	5.95	.58	1.14			.95	
March	1.87	2.40	2.49 (3.74)	2.60	1.51	2.09	1.59			1.01	
April	1.83	1.50	5.53 (1.33)	2.25	2.33	-1.00	1.50			1.42	
May	1.32	1.23	4.52	2.37	1.68	1.20	1.37			.19	
June	.30	1.69	5.64	3.36	2.53	2.93	1.29	.86		.66	
July	3.10	4.67	3.96	.59	2.26	3.23	2.24	1.13		.83	
August	6.09	2.74	7.08	3.84	(1.76)	3.45	.15	1.18		1.05	
September	2.10	3.56	5.60	3.97	3.78	2.86	-1.00	1.65		1.64	
October	3.81	7.88	6.81	4.94	(1.66)	.43		1.62		2.12	
November	4.96	2.65	7.42	3.87	1.53	3.31		1.19		1.55	
December	6.66	6.34	5.42	5.13	3.81	1.58	-1.00	1.48		1.12	
TOTALS	37.60	40.13	64.61 (40.38)	31.30	32.14	imp.	15.12	N.P.		13.35	

1943 n.p. high little out } no data to Graham Lighthouse. (with prospect of improvement
 1944 n.p. 100 much est. total now reasonable.
 1945 Aug & Oct. part est'd.
 1947 April, Sept-Dec values improbable.
 1948 N.P. low. 1949 n.p. low and values meaning less.

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.

BRITISH RAINFALL ORGANIZATION

Station No. 5997

51

RAINFALL at Butt of Lewis Lighthouse

County of Ross & Cromarty Observer Lewis of Lighthouse

River Basin 10 - Insular Outer Hebrides

Type of Gauge

Annual Average 39.2 in. based on 35 years obs. un-weighted. Period of average 1881-1915 Ref S

File No.

Diameter ...	8"				738	988						
Height ...	3'9"					1						
Altitude ...	51'					51						
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means	
January ...	0.84	3.81	3.33	3.56	1.25							
February ...	.95	1.97	2.48	2.56	1.19							
March ...	.75	4.03	(1.45)	(2.34)	.68							
April ...	1.02	1.64	2.29	(1.29)	1.19							
May ...	.40	2.29	(1.86)	(2.47)	1.61							
June ...	.73	2.98	1.51	2.97	1.28							
July ...	.98	1.52	(2.80)	2.17	.56							
August ...	.93	6.77	(3.66)	1.72	.83							
September ...	1.03	3.02	2.18	(4.04)	2.57							
October ...	1.20	3.57	(4.11)	(6.37)	1.45							
November ...	3.13	4.16	6.83	4.21	1.66							
December ...	2.72	3.97	(3.76)	(4.68)	3.90							
TOTALS ...	14.68	39.73	(37.46)	(38.38)	19.04							
	n.p.	n.p.		n.p.	n.p.	NR	NR					

1951. n.p. low.

1952. n.p. monthly values unreliable.

1953. n.p. too much rain.

1954. n.p. too much rain.

1955. n.p. low.

12654 16154

Position of Station on Ordnance One-Inch map: No. of Map National Grid Reference (2/517.665)

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

Summary of Earlier Records from 10-year Sheets:

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
	✓	✓	✓	1941-42 1943-44 NP 1945-46 NP 1947 1948-50 NP	