

720606

50

Rainfall at Rona Lighthouse

Inverness.

Diameter of Gauge, in.

Height above Ground, ft. in.

Above Mean Sea Level, ft.

Inches - 18.

YEAR - -								1867	1858	1859	MEANS.
January - -									4.03	2.03	
February - -									1.07	1.00	
March - - -									4.02	1.04	
April - - -									.10	.06	
May - - - -									0.00	.10	
June - - - -									2.01	.04	
July - - - -									2.03	.07	
August - - -									1.07	1.02	
September -									1.00	1.09	
October - -									1.09	2.08	
November -								^x 2.06	.04	1.09	
December -								8.01	1.03	2.00	
TOTALS -									17.49	11.62	

+ From 14th Nov.MET. O. B. RAINMASTER
RETROSPECTIVE

720606

RGR: 19(18) 634614

ALT: 212 ft = 65 metres Date of review: 10.1.1979

Kona Lighthouse

Lat 57.32 Lon 5.58.0

Inverness

+ Ground 6m + Sea Level 20 62

Inverness, - 18

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -	.80	1.80	1.00	9.30	3.30	4.00	7.80	2.13	4.92	2.10	3.715
February - -	.30	1.10	1.10	5.80	3.80	3.60	3.40	2.49	8.20	5.27	3.806
March - - -	.90	4.50	.20	2.00	3.70	2.40	3.10	.98	3.74	1.21	2.273
April - - -	.50	.00	1.20	3.30	2.50	2.50	.57	3.89	1.57	1.69	1.772
May - - -	1.40	.70	5.10	5.00	2.50	2.40	.80	2.41	2.23	.79	2.333
June - - -	.60	1.30	6.00	4.10	4.50	1.10	.72	2.82	3.53	1.86	2.653
July - - -	.10	1.70	5.40	1.90	3.10	4.10	2.22	1.51	1.20	1.54	2.277
August - -	1.20	1.70	4.70	7.20	3.60	7.00	3.68	2.98	6.12	1.31	3.949
September -	1.10	3.90	4.60	7.50	7.00	3.80	4.40	3.00	1.50	5.42	4.222
October - -	3.00	1.00	11.30	4.60	2.40	5.00	2.70	4.91	3.10	4.40	4.241
November -	.60	5.80	5.20	7.00	3.10	5.00	3.79	1.36	2.60	4.87	3.932
December -	.20	1.60	5.90	7.90	8.00	4.40	5.70	3.57	3.85	3.95	4.597
TOTALS -	10.70	25.10	51.70	65.60	48.40	45.30	38.80	32.05	42.58	34.41	39.470

1862 1863 1864 1865 1866 1867 1868 1869

MET. O. S. RAINMASTER
RETROSPLECTIVE SITE NO. 1

720606

NGR: N5(18) 63461A

ALT: 212 ft = 65

more: Date of review 10.1.1979

RAINFALL AT Rona Lighthouse

70

Lat..... Lon..... County of... Inverness WestRain Gauge, by..... Observer Robert J. Matheson Lytle

Insular - 18.

Diameter											
Height											
Altitude											
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....	.85	6.76	12.17	5.93	5.40	3.80	5.70	4.00	3.40	1.10	4.9.11
February.....	2.96	4.41	5.23	.84	2.00	1.20	5.60	6.00	1.20	1.70	31.14
March.....	1.15	3.42	2.87	95	4.70	2.80	5.50	2.40	2.20	3.40	29.54
April.....	4.35	1.99	3.27	10	3.50	1.70	3.10	.70	.80	1.60	21.11
May.....	3.43	.85	4.68	.80	2.30	4.60	1.70	1.90	2.30	2.40	24.66
June.....	22	.61	4.87	3.40	.16	3.90	2.80	8.80	1.70	1.30	27.71
July.....	1.98	5.23	3.83	2.10	.36	2.90	3.40	4.10	2.00	5.10	31.00
August.....	1.20	2.65	1.95	3.40	3.80	6.80	2.70	3.80	2.30	5.40	34.00
September.....	3.26	2.12	(1000)	2.30	7.70	3.10	3.00	4.60	5.40	5.00	
October.....	6.41	8.82		5.30	5.70	3.60	6.30	13.70	4.70	2.30	
November.....	5.70	3.42	4.60	4.70	4.00	4.50	2.00	6.50	5.40	1.60	42.42
December.....	2.43	8.14	3.60	7.70	2.30	6.00	3.20	6.70	2.20	3.10	45.37
TOTALS.....	33.94	48.42	57.07	37.62	41.92	44.90	45.00	63.20	33.60	34.00	43.96

Sept & Oct. 1872 estimated

MET. CO. RAINMASTER
RETROSPECTIVE TYPE

720606

NGR: N5(18) 63464

212 ft = 65 metres. Date of review 10.1.1979

RAINFALL AT Pona Lighthouse

Lat. _____

Lon. _____

County of West Inverness

Rain Gauge, by _____

Observer Ed. of Northern Lights

Island - 18.

Diameter											
Height											
Altitude											
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January	4.80	2.00	7.80	3.70	7.70	2.30	3.15	6.49	4.46	3.15	4.555
February	8.20	2.40	4.50	4.30	5.30	5.22	2.85	3.89	1.65	5.61	4.392
March	2.00	4.20	8.90	3.60	1.90	2.91	1.87	.51	1.58	3.84	3.131
April	5.00	2.10	4.30	1.50	.70	2.12	1.29	1.07	.95	.73	1.976
May	1.50	2.90	3.60	4.00	3.70	1.21	.90	.64	2.16	1.92	2.253
June	1.70	6.60	4.00	.30	3.30	2.75	.73	.92	1.35	.11	2.176
July	1.30	5.30	6.30	2.20	2.70	1.55	1.43	3.10	5.90	.11	2.989
August	1.40	5.80	4.20	5.30	4.40	.75	1.24	3.26	4.50	3.70	3.455
September	4.80	3.50	7.40	2.12	3.30	6.88	2.60	2.50	1.75	1.80	3.665
October	3.20	2.20	5.80	8.70	8.50	2.40	3.38	2.85	6.04	.95	4.402
November	5.70	9.00	7.10	7.70	7.14	2.70	3.29	1.90	6.10	2.83	5.346
December	3.30	6.70	5.90	7.90	4.42	5.97	3.70	2.75	2.27	5.25	4.816
TOTALS	42.90	52.70	69.80	51.32	53.06	36.76	26.43	29.58	38.71	30.00	43.156

METEOROLOGICAL SERVICE
RETROSPECTIVE SITE REVIEW

720606

NGR: N9(18) 634164

ALT: 212 ft = 65 metres. Date of review: 10.1.1979

720606

RAINFALL AT Rona Lighthouse

Lat. _____

Lon. _____

County of West Inverness

Rain Gauge, by _____

Observer Board of Northern LightsInches - 18.

Diameter ....	...									
Height	1.3										
Altitude	272										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	7.03	5.89	4.00	5.04	6.90	5.19		.91	6.81	2.79	
February ....	.45	4.15	1.24	4.31	8.67	.43		2.59	6.29	1.70	
March	4.64	3.73	.40	3.77	5.46	4.28	(10.50)	4.03	6.07	2.74	
April	1.45	.50	.89	1.75	.93	3.40		1.43	2.40	3.82	
May .....	.21	1.45	2.60	3.86	3.17	1.22		2.29	2.16	1.90	
June .....	.94	2.78	1.68	1.13	2.76	3.15	1.52	.85	3.25	2.28	
July	3.03	2.90	1.74	4.42	5.37	4.15	3.15	2.91	2.03	2.58	
August	4.59	5.96	2.76	4.80	4.77	6.89	3.46	2.94	3.57	1.16	
September....	4.68	6.57	6.31	9.35	.95	4.37	5.16	4.62	4.51	5.77	
October.....	13.95	7.47	7.24	7.72	2.02		6.28	2.74	1.60	3.65	
November....	6.52	6.46	5.87	5.33	7.39	(15.50)	3.41	2.90	3.81	7.19	
December	1.54	5.08	5.59	8.21	6.01		3.14	4.24	11.41	3.51	
TOTALS	49.03	52.94	40.32	62.69	54.40	(48.58)	(45.62)	32.45	53.91	39.10	(41.906)

Oct 1895 to May 1896 computed from Kilmar

MET.O.S. RAINMASTER
RETROSPECTIVE SITE REVIEWWD. STN.
NUMBER 720606NGR: N9(18) 634614ALT: 212 ft = 65 metres. Date of review: 10.1.1979

RAINFALL AT Rona

Lat.

Lon.

County of West Inverness

Rain Gauge, by

Observer Road of Northern LightsInulas, Inner Hebrides - 18.

Diameter ..	...	3										
Height ....	...	1 3										
Altitude ..	...	180						212				
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.	
January ..	4.65	3.40	3.75	4.22	2.11	2.49	4.11	3.22	2.29	2.46	3.570	
February ..	.97	1.74	.50	4.35	2.37	3.02	3.38	3.69	2.01	.90	2.293	
March ....	.97	1.90	4.70	3.77	1.00	4.32	2.71	2.83	2.06	.99	2.525	
April	3.74	2.85	1.16	1.57	4.44	2.40	1.70	1.83	.63	1.86	2.217	
May	1.50	.95	1.69	1.59	3.53	1.81	2.31	1.29	2.00	1.47	1.814	
June	1.72	2.87	1.00	1.28	2.69	1.47	.49	3.37	1.82	.87	1.758	
July	2.90	3.05	3.00	4.41	1.52	2.45	4.04	2.49	1.42	2.03	2.731	
August	2.46	3.88	3.17	6.25	5.00	2.84	2.64	2.91	1.89	2.38	3.342	
September ..	4.30	1.75	4.33	3.06	3.30	3.93	1.82	1.03	4.57	1.86	2.995	
October	4.62	6.42	3.02	6.63	2.48	3.94	2.75	1.20	.83	3.89	3.478	
November ..	2.94	2.65	1.95	3.28	3.87	3.05	3.46	1.88	1.84	2.56	2.748	
December ..	7.47	4.80	3.43	2.66	3.98	3.49	3.07	3.00	3.01	1.78	3.869	
TOTALS ..	38.24	36.26	31.69	43.07	36.29	35.21	32.48	28.74	24.37	23.05	33.040	

1907. Bad - not printed

1908. Small - not printed.

1909. " " "

1901 + 1902 corrected by m.o. Edinburgh f. 233932

MET. O.S. RAINMASTER
RETROSPECTIVE SITE REVIEW

720606

NGR: N9(18) 624614

ALT: 212 ft = 65 metres. Date of review 10.1.1979

RAINFALL at

Rona

County of InvernessObserver Bd. of Northern LightsRiver Basin Insular, Inner Hebrides 18.

Rain Gauge, by

Diameter ...	3										
Height	1 3										
Altitude ...	212										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	2.55	2.28	2.88	1.93	2.73	4.34	4.76	1.80	.97	2.05	
February ...	3.48	3.48	2.79	2.12	4.97	2.21	2.78	.57	3.30	.80	
March	2.35	2.11	4.04	3.15	2.78	2.81	1.73	1.40	1.28	1.71	
April	3.43	4.74	3.13	2.47	3.53	2.80	2.06	1.63	.58	4.14	
May	2.10	1.82	2.58	1.21	1.52	.99	2.27	2.02	2.34	.64	
June	1.70	2.56	2.91	2.31	1.30	.71	3.02	1.89	1.37	3.95	
July	2.40	5.45	2.51	1.55	2.14	2.65	3.00	1.02	4.88	1.70	
August	4.10	3.21	2.87	.93	3.62	2.13	1.74	2.68	5.47	2.94	
September ..	1.40	4.70	1.39	1.97	3.20	3.29	1.55	3.80	5.91	2.76	
October ...	2.35	2.04	4.82	2.25	2.19	1.13	4.21	7.23	2.97	2.39	
November ..	3.35	4.92	4.60	4.37	3.89	2.59	4.38	5.05	2.35	2.06	
December ...	2.65	6.28	4.84	2.81	3.66	3.98	3.47	3.05	3.41	2.49	
TOTALS ...	31.86	43.59	39.36	27.07	35.53	29.63	34.97	32.14	34.83	27.63	

1910. Bad. not published.

MET. O.S. RAIN-GAUGE
RETROSPECTIVE TYPE NO. 6

720606

NGR: N9(18) 634614

ALT: 212 ft = 65 metres. Date of review 10.1.1979

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

RAINFALL at RonaCounty of InvernessObserver Board of Northern LightsRiver Basin Insular, Inner Hebrides. 19.

Rain Gauge, by _____

Diameter ...	3					5					
Height	1	3									
Altitude ...	212					202					
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930. MEANS.
January ...	4.50	5.06	2.18	2.86	2.19	2.81	3.44	5.54	5.27	1.40	7.36
February ...	3.98	1.27	2.67	1.33	.86	1.83	2.17	1.64	3.07	.85	.84
March	3.32	3.52	1.15	.79	.59	1.57	2.30	3.28	3.14	.83	1.45
April	1.50	1.03	2.58	2.24	1.91	1.48	1.91	4.34	2.21	2.84	1.47
May	1.64	2.05	4.78	3.20	1.46	3.22	3.16	1.66	.90	2.29	1.32
June	1.24	1.10	1.97	1.14	2.09	1.55	1.42	2.50	2.76	2.42	2.30
July	1.89	3.21	1.80	2.81	3.25	1.99	1.45	4.05	3.44	2.47	1.24
August	3.27	2.16	2.28	3.43	3.92	2.45	2.87	2.98	2.15	4.63	4.77
September...	2.98	2.59	1.59	2.97	3.09	2.58	3.77	4.60	2.47	3.83	2.31
October	1.64	3.22	1.66	5.56	3.73	3.06	3.80	4.57	4.91	4.45	4.93
November...	3.73	.61	2.07	4.35	2.50	1.52	2.83	3.34	5.42	3.42	4.77
December...	2.81	2.57	3.28	2.60	3.92	2.59	1.73	.19	3.44	4.41	3.39
TOTALS...	32.50	28.99	28.01	33.28	29.51	26.65	30.85	38.69	39.22	33.84	35.65

1923. ? Rona

calculated in 1926. 3-in. in garden with walls or buildings all round. Well 5 ft. by 2.5 ft. to 5; well 31 ft. away to W but only 18 in. above level of grassy ground slopes away; dwelling house 55 ft. to east; tower 56 ft. away to E (40 ft. high and 12 ft. in diam.); flagstaff? 11 ft. 8 in. away to SE + 3 ft. is badly overshadowed by heavy timbered flagstaff? 31 ft. 3 in. ft. 3 above ground.

METEOR. RAINFALL
RETROSPECTIVE SITE SURVEY

720606

NGR: NG(18) 634614ALT: 212 ft = 65 metres Date of survey 10.1.1979Position 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	Parish Church.	Distance from gauge	Direction

RAINFALL at Rona. Lighthouse

County of Inverness Observer Com'ee of N. Lighthouse

River Basin 18- Insular Inner Hebrides

Type of Gauge.....

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

Diameter	5.										
Height	1. 3.										
Altitude	202.										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January		4.28									
February .....		.38									
March		2.12									
April		2.32									
May		1.71									
June		1.06									
July		2.53									
August		1.92									
September		3.31									
October		4.43									
November		3.46									
December		2.48									
TOTALS											

1931 record returned to T.O. Edinburgh 15' low
1932 - do -

MET. O. 212 4070
RETR. O. 4070
NGR: N4(18) 634614
ALT: 212 ft = 65 metres. Date of revision 10.1.1975

720606

* As computed for Survey (1943) rejected low. (+6400 wtd).

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