

RAINFALL AT *Sanda Light house*

Lat.

Lon.

County of *Orkney**Argyll*

Rain Gauge, by

Observer *Board of Northern Lights**Islander - 14.*

Diameter											
Height											
Altitude											
Year.	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEAN.
January								1.34	1.17	2.22	
February ....								.75	.50	1.36	
March .....								.95	1.06	1.27	
April								1.48	.77	1.16	
May								1.27	1.97	.98	
June .....								.26	2.63	.84	
July								1.60	4.57	2.06	
August								1.43	3.62	3.17	
September....								2.03	.34	2.05	
October ....								.20	.85	1.23	
November....								1.50	2.35	1.24	
December								1.03	1.13	1.64	
TOTALS								13.84	20.96	19.22	

1888 Sep, Oct & Nov 3 in short. 24 written re Orkney

RAINFALL AT

Sanda

Lat. _____

Lon. _____

County of

Argyll

Inverness

Rain Gauge, by _____

Observer

Board of Northern Lights

Inverness - 114.

Diameter											
Height											
Altitude											
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	1.72	1.44	1.89	1.40	2.22	1.60		27	1.15		
February . . . .	.54	.23	1.21	2.16	1.10	.00		2.28	1.78		
March	1.31	2.31	.15	1.02	1.75	2.70		1.49	.93		
April . . . . .	.67	1.08	.53	1.29	.41	1.18		.77	2.16		
May	1.87	2.52	2.28	1.08	1.59	.15	#	.84	1.94		
June	3.04	.55	3.27	1.34	1.15	.78	1.66	1.72	1.77		
July	2.30	2.37	2.00	2.65	1.46	1.00	3.18	3.05	.77		
August	2.67	3.15	4.11	3.23	.91	1.45	1.23	3.50	2.18		
September	2.19	3.65	2.65	1.35	.00	.25	1.54	3.69	1.96		
October	1.51	2.21	1.67	2.34	.80	.85	.75	.83	2.30		
November	4.75	2.94	1.39	1.05	1.58		.26	1.82	1.51		
December	1.00	2.24	.70	.97	1.25		2.61	3.33	1.43		
TOTALS	23.57	24.69	21.85	19.88	14.22			23.59	19.88		

RAINFALL AT Sanda

Lat.

Lon.

County of Argyll

Rain Gauge, by

Observer Board of Northern LightsInsular - 14.

Diameter ..											
Height											
Altitude ..								165			
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	3.21	1.30	1.60	4.08	2.20	.70	1.50	1.00	2.40	2.90	2.089
February ..	1.53	1.27	.80	1.16	2.10	1.60	.90	1.10	1.90	2.10	1.446
March ....	.45	1.27	2.90	2.08	1.50	1.30	.60	2.30	3.90	3.90	2.020
April	1.61	1.61	1.20	1.14	1.30	1.50	.50	2.40	2.30	3.53	1.709
May	1.29	.87	2.13	2.78	1.00	1.60	2.60	3.60	2.50	2.30	2.067
June	2.56	2.16	2.02	1.62	.80	.80	1.00	5.80	3.67	1.70	2.213
July	2.05	.27	1.14	2.00	2.60	1.40	.60	3.30	3.56	4.80	2.172
August	1.97	2.39	3.19	2.85	2.80	4.40	1.60	4.20	2.72	3.00	2.983
September ..	1.76	1.42	2.22	.51	1.50	1.10	1.30	1.70	4.90	2.30	1.870
October	2.41	4.22	.76	1.80	.90	1.80	1.50	5.00	2.62	2.90	2.391
November ..	2.76	3.10	3.46	3.19	1.10	2.80	1.50	3.40	2.26	1.70	2.507
December ..	3.20	2.50	1.52	2.45	1.20	1.10	.70	4.20	4.90	4.10	2.587
TOTALS ..	24.79	22.38	22.94	25.86	19.00	20.10	14.30	38.00	37.63	35.23	26.054

1902 Too small. Aug. credit by No. Ed. file 2.1392/33

1903 Bad Nov. , , , ,

1904 Improv. short

1906 Bad

RAINFALL at

Sanda Lighthouse

5439

County of

Argyll

Observer

Bel. of Northern Lights.

River Basin

Insular 14

Rain Gauge, by

Diameter ...											
Height											
Altitude ...	165										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	3.20	4.31	3.50	3.54	2.84	3.23	2.67	2.23	1.22	3.30	
February ...	6.50	5.28	2.91	1.77	3.81	3.45	2.97	1.26	1.81	.78	
March	2.15	.87	4.78	2.06	3.19	2.51	1.16	.97	.41	2.26	
April	3.64	4.10	1.07	2.70	1.79	1.99	2.91	1.05	.14	1.05	
May	2.70	2.35	1.09	3.18	1.52	1.29	2.96	3.15	.47	1.02	
June	2.05	1.84	5.34	1.08	.74	1.67	.93	1.50	.13	2.54	
July	3.27	2.82	2.30	.85	1.53	3.81	1.51	1.72	.52	.72	
August	5.73	2.61	4.06	2.09	3.26	1.53	2.00	2.24	1.88	2.56	
September ..	1.71	2.41	2.09	1.72	2.51	.92	1.90	1.94	2.84	2.32	
October ...	2.25	2.97	3.90	2.37	1.44	2.99	4.22	6.19	2.07	1.16	
November ..	5.63	3.32	3.39	4.12	4.18	1.63	2.66	4.51	2.41	1.41	
December ...	6.71	6.73	4.50	2.96	4.56	5.83	2.28	2.71	2.71	2.77?	
TOTALS ...	45.54	39.61	38.93	28.44	31.37	30.85	28.17	29.47	16.61	21.89?	

1918 not printed - low.

1919

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

RAINFALL at Landa LighthouseCounty of ArgyllObserver Board of Northern LightsRiver Basin Insular 14

Rain Gauge, by _____

Diameter ...							5					
Height							2.9					
Altitude ...	165						134					
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MEAN:	
January ...	2.92	1.45	.56	1.54	3.91		3.60	4.82	5.75?	2.21	2.39	
February ...	1.33	.29	.49	2.03	1.32		2.04	2.27	3.22	3.38	.88	
March	1.57	.91	.29	.53	1.18		1.35	3.76	4.47	.93	1.73	
April	1.02	.39	.58	1.37	2.72		.91	3.35	2.40	.88	1.51	
May	1.68	.76	1.84	.57	4.88		2.01	2.43	1.86	2.78	.76	
June	1.17	.20	1.13	.75	3.55		1.99	4.34	5.02	3.12	1.93	
July	1.42	.84	1.31	2.35	3.80		1.98	1.93?	1.92	2.06	2.14	
August .....	.60	1.29	1.36	4.69	5.53		4.13	3.76	2.07	5.41	4.64	
September...	.64	.41	.99	4.21	5.49		4.19	5.08	2.02	1.77	3.27	
October	1.99	1.02	.76	4.48	2.91		4.18	4.99	6.38	3.84	4.60	
November...	.78	1.00	1.42	4.86	2.67		4.27	5.38	7.49	5.13	4.64	
December...	1.21	1.06	1.00	6.12	2.12		3.65	(4.00)	6.86	6.77	4.07	
TOTALS...	16.33	9.62	11.73	33.50	40.08		34.30	(46.11)	49.46	38.28	34.06	

1920. Not printed. Bad.

1921. " " Very bad.

1922. " " Bad.

1923. " " "

Catechism 1926. Is. in centre of garden 40 x 18 yds. level ground
enclosed in open wooden paling 30 inches high. Standard gauge
33 in. above ground. S. is about 20 ft. above high water spring tides + ground
Height of form reduced to 1 ft. Oct. 1926.

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 Sanda LighthouseCounty of ArgyllObserver Com'n of N. LighthouseRiver Basin 14 - Inoular

Type of Gauge

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

Diameter	5.										
Height	2. 9										
Altitude	134.										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	3.55	3.54	2.62	2.61	2.06	3.65	5.15	4.16	3.33	3.92	
February	1.75	1.8	3.16	4.7	4.14	1.99	5.10	1.62	2.60	1.70	
March	6.2	2.88	2.37	2.61	1.06	2.02	1.68	1.75	3.32	4.35	
April	1.53	3.32	1.61	2.82	2.55	1.26	2.50	2.6	2.66	2.64	
May	2.94	1.80	1.65	4.12	.85	2.97	.67	2.71	.75	2.39	
June	4.74	1.01	1.95	1.89	3.26	2.01	3.69	5.02	2.18	2.20	
July	3.26	4.10	3.39	1.98	1.78	3.33	4.18	4.04	3.26	3.70	
August	2.11	1.30	3.17	4.02	1.36	1.93	2.91	2.88	1.43	2.00	
September	.93	4.44	.91	4.11	4.29	3.73	2.23	4.22	2.90	4.90	
October	2.75	5.23	3.19	5.50	7.20	2.91	4.00	4.64	1.55	7.10	
November	6.69	3.46	3.74	1.17	4.98	2.34	2.19	3.58	5.90	6.27	
December	3.13	4.12	2.59	6.09	3.44	3.96	2.58	2.40	2.34	6.36	
TOTALS	34.02	35.38	30.35	37.39	36.97	32.10	36.88	37.28	32.22	47.53	

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

Station No.

5439

RAINFALL at

Sanda Lighthouse

41

County of

Argyll

Observer

Comr. of N. Lighthouses.

River Basin

H. - Insular

Type of Gauge

Annual Average 36.8 in. based on years obs. un-weighted. Period of average Ref.

File No.

Diameter	5"				674	400					
Height	2' 9"					1					
Altitude	134'					41					
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	130	6.57	4.45	3.78	4.83	4.28	4.37	-1.00	2.30	4.48	
February	307	2.51	2.90	1.42	4.03	1.55	.69		1.50	2.28	
March	(284)	3.71	1.56	.74	2.01	1.12	5.27		1.96	2.45	
April	0.99	1.82	3.82	2.80	1.95	.76	2.92	-1.00	3.48	3.48	
May	1.85	2.83	3.98	2.69	4.26	.38	3.60	.90	1.82	1.55	
June	0.79	2.43	4.66	2.48	3.67	1.65	2.94	3.53	.98	1.89	
July	3.38	3.65	1.52	3.28	3.16	2.26	2.52	3.10	1.51	3.44	
August	3.97	5.91	7.70	3.52	1.28	2.54	.06	4.65	3.46	3.16	
September	1.84	5.28	3.31	6.04	4.03	4.31	2.03	5.74	1.65	9.87	
October	4.67	4.71	4.60	6.38	2.15	1.10	1.54	-1.00	5.02	4.63	
November	3.00	1.42	3.56	7.08	1.21	6.15	4.41	-1.00	5.89	2.12	
December	1.66	5.03	2.79	5.10	2.55	4.62	2.67	-1.00	6.09	2.04	
TOTALS	29.36	45.87	44.85	45.31	35.13	30.72	33.02	-1.00. imp. no.	35.66	41.39	

1941 March estd from monthly map.

1948 May-Sept. reasonable. Other months poor. n.p.

1000+

* Used in General Tables of B.R. in italics. Origin unknown.

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. 5439 51

RAINFALL at Sands Lighthouse

County of Argyll Observer Com'r of Northern Lighthouses

River Basin Circular - 14

Type of Gauge

Annual Average 38.46 in. based on 31 years obs. un-weighted. Period of average 1916-50 Ref. 5

Diameter	5"				674	400					
Height	2' 9"					1					
Altitude	134'					51					
Year	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January	2.10	4.78	1.86	6.21	3.48	2.39	0.33	4.06	2.11	3.82	
February	2.56	1.56	1.53	3.48	1.56	.54	.21	4.33	.97	3.79	
March	3.54	2.17	.42	4.44	1.69	1.99	.62	1.28	3.43	2.02	
April	1.73	1.46	1.35	1.25	6.71	.82	.32	2.03	2.77	3.51	
May	1.95	1.42	2.93	1.90	4.40	2.79	.74	2.42	1.01	2.18	
June	2.66	2.53	.79	4.26	3.39	1.98	1.97	4.85	2.78	2.79	
July	3.68	2.13	4.42	4.01	2.12	3.36	3.61	4.19	3.58	5.41	
August	3.44	6.58	3.73	3.41	.75	6.69	1.72	4.66	1.33	3.80	
September	3.24	2.46	5.51	3.35	4.70	2.79	3.12	3.23	2.03	3.04	
October	0.85	5.69	3.00	5.93	2.70	.96	2.28	3.37	5.47	5.57	
November	9.85	3.54	6.69	6.16	2.72	.72	2.42	3.49	4.35	5.84	
December	6.07	4.29	3.76	5.47	5.06	.56	3.10	6.05	8.76	4.34	
TOTALS	41.67	38.61	35.99	48.87	39.27	25.59	20.44	44.46	38.59	46.11	

1958 print
1956 n.p. low

On Map in General Guide to B.R. Origin unknown

Position of Station on Ordnance One-Inch map : No. of Map National Grid Reference 16/726937

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
	april 19 ✓	vnr 25	✓	vnr 48	