

RAINFALL AT *Samlash Lighthouse* 70

Lat.

Lon.

County of *Bute*

Rain Gauge, by

Observer

Board of Northern Light

Ann - 3.

Diameter . . .												
Height . . .												
Altitude . . .												
Year . . .	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.	
January . . .									4.70	1.70		
February . . .									1.50	2.20		
March									3.30	2.40		
April									2.30	1.20		
May									1.00	2.20		
June									2.40	4.30		
July									1.30	3.60		
August									1.70	4.80		
September . .									4.70	3.80		
October								4.10	4.90	2.20		
November . . .								6.50	1.40	1.00		
December . . .								7.30	1.60	1.70		
TOTALS									30.80	31.70		

RAINFALL AT *Holy Island Lamash Light Ho.*

Lat. _____

Lon. _____

County of *Bute*

Rain Gauge, by _____

Observed

Ed. of Northern Light

Ann. 3.

Diameter . . .											
Height											
Altitude											
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January	2.90	3.30	3.90	5.30	6.60	3.60	2.60	4.40	3.60	6.60	3.980
February	2.70	3.90	3.20	2.90	3.10	7.30	2.30	4.30	1.30	6.10	3.750
March	3.60	5.50	4.20	1.00	2.60	2.90	4.30	2.60	3.60	2.00	3.230
April	2.10	.70	3.00	1.30	1.00	1.50	2.40	2.70	2.00	2.90	1.960
May . . . . .	.60	3.50	1.10	1.30	2.90	2.30	2.70	1.60	4.20	2.90	2.310
June	1.90	2.80	3.20	2.30	.30	1.70	1.20	1.80	4.20	1.10	2.050
July	1.20	2.60	2.30	1.30	2.60	2.70	3.40	2.90	6.30	1.70	2.700
August	1.10	2.90	4.10	5.20	2.30	3.40	2.40	2.40	4.00	7.30	3.510
September	2.00	1.80	2.70	3.30	2.40	6.90	6.60	5.70	.16	2.50	3.406
October . . . . .	.40	2.50	2.60	4.10	4.10	6.90	3.50	1.50	2.90	4.20	3.270
November	3.50	3.60	3.80	6.00	5.20	3.00	4.10	4.40	8.60	4.80	4.700
December	4.10	4.30	3.40	2.50	8.50	2.60	6.10	4.90	4.70	6.90	4.800
TOTALS	26.10	34.40	37.90	36.50	41.60	44.80	41.60	39.20	45.56	49.00	39.666

RAINFALL AT

Holy Island Lamlash

Lat. _____

Lon. _____

County of _____

Bute

Rain Gauge, by _____

Observer *Board of Northern Lights*

Ann. - 3.

Diameter ....	...									
Height .....	...									
Altitude ....	...									
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	7.50	3.20	6.50	1.70	8.80	1.80	4.00	2.70	4.50	8.00	4.870
February	1.60	1.40	3.00	10.10	12.20	.40	2.90	3.80	7.90	2.70	4.600
March	4.50	4.10	1.30	2.20	6.10	5.30	8.10	6.70	2.80	4.70	4.580
April	2.10	.80	1.40	3.20	3.20	2.80	3.60	2.40	2.40	4.30	2.620
May	3.00	2.50	8.80	3.40	3.00	.50	.70	1.70	3.00	5.10	3.170
June	4.90	1.20	4.50	2.50	3.90	1.70	3.80	7.10	3.10	1.60	3.430
July	5.20	1.30	3.00	4.40	4.10	8.10	5.60	2.10	1.10	4.00	3.890
August	3.70	5.60	10.70	4.10	4.00	5.20	2.00	6.60	8.00	1.30	5.120
September....	5.50	7.10	7.10	3.90	.20	1.10	5.40	4.20	4.90	5.70	4.510
October	6.10	5.00	4.10	6.80	5.40	3.30	4.30	3.10	4.40	4.20	4.670
November....	9.90	5.40	6.30	5.00	6.40	6.10	2.50	5.10	7.30	5.70	5.970
December	2.60	12.40	4.60	8.80	7.60	8.00	8.60	8.20	9.00	6.90	7.670
TOTALS	56.60	50.00	61.30	56.10	64.90	44.30	51.50	53.70	58.40	54.20	55.100

1880—

RAINFALL AT Holy Island Lamlash Pillar Rock

Lat. Lon. County of Dumfries

Rain Gauge, by Observer Board of Northern Lights

Draw - 3.

Diameter ..	...	3									
Height ....	...	0.3									
Altitude ..	...							46			
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	9.80	5.20	6.31	9.00	5.30	4.40	5.54	4.98	6.90	6.57	6390
February ..	5.10	1.17	1.35	6.24	5.40	3.85	3.65	4.41	3.42	3.36	3795
March ....	.30	2.62	4.50	6.18	2.80	3.95	4.74	7.39	5.68	2.84	4100
April	4.10	4.70	.50	2.60	5.10	2.80	2.10	2.18	4.26	4.01	3235
May	3.20	1.78	2.49	2.78	1.85	1.05	5.71	5.53	2.89	1.44	2872
June	2.00	3.15	1.60	2.15	.80	1.00	1.60	5.96	2.86	3.03	2415
July	2.70	1.03	3.55	4.35	2.90	1.71	2.94	2.09	4.36	3.97	2960
August	4.90	5.46	4.00	7.40	5.70	6.13	5.31	6.97	3.57	3.30	5273
September ..	4.12	3.50	4.55	1.80	4.20	2.97	2.58	2.45	7.83	2.66	3666
October	7.48	6.50	2.50	7.65	2.00	3.83	8.44	5.52	1.94	8.18	5404
November ..	7.77	6.95	5.30	2.90	4.15	5.89	5.80	5.43	5.22	2.66	5207
December ..	12.16	8.25	5.88	1.90	4.10	4.57	6.09	7.05	6.04	7.70	6374
TOTALS ..	63.63	50.30	42.53	54.95	44.30	42.15	54.50	59.86	54.97	49.72	51691 4.53

Hills

RAINFALL at Arran, Pillar Rock, Holy Island.County of ButeObserver Ed. of Northern Lights.River Basin Arran 3.

Rain Gauge, by

Diameter ...	3										
Height	0 3										
Altitude ...	46										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	5.48	5.97	4.50	4.18	2.98	2.65	3.32	2.43	5.56	2.44	
February ...	6.35	7.75	4.03	4.03	3.91	5.29	2.31	1.32	3.53	1.31	
March	2.15	1.79	5.84	4.94	3.38	2.15	37	2.56	.81	3.52	
April	3.70	3.89	2.60	2.64	3.43	3.19	2.52	1.65	.45	1.45	
May	3.28	3.62	.97	2.80	1.44	1.19	2.21	6.30	2.26	1.47	
June	1.26	2.52	4.57	3.40	.37	1.81	2.19	2.69	.88	3.38	
July	3.68	4.47	3.14	.81	1.71	3.85	1.67	1.15	2.17	.42	
August	6.49	3.38	3.29	1.18	4.33	1.08	4.40	2.70	1.47	2.50	
September ..	1.59	4.32	2.33	2.43	2.71	1.14	1.45	3.61	3.81	4.04	
October ...	1.51	4.85	5.09	2.91	1.39	2.72	7.69	10.32	2.76	.48	
November ..	7.23	6.43	4.82	6.22	5.90	2.35	4.08	9.67	2.62	3.99	
December ...	4.74	8.14	8.67	4.82	5.16	4.71	3.82	3.56	2.16	10.35	
TOTALS ...	47.46	57.13	49.85	40.36	36.71	32.13	36.03	47.96	28.48	35.65	

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

RAINFALL at Arran, Holy Island, Pillar RockCounty of DumfriesObserver Board of Northern LightsRiver Basin Arran 3.

Rain Gauge, by _____

Diameter ...	3											
Height	0	3										
Altitude ...	46											
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930.	Means.
January ...	6.50	9.05	4.80	5.32	6.90	4.96	6.07 4.81 5.73	4.81	8.00	2.77	2.71	
February ...	5.56	.75	7.51	5.62	1.37	4.13	2.18 2.88 2.22	2.18	3.24	2.72	.62	
March	1.99	5.93	1.25	2.03	1.41	3.45	2.48 2.39 2.41	3.22	2.32	1.12	1.67	
April	1.07	.89	4.39	2.69	3.67	5.11	1.92 2.12 2.79	1.92	1.75	.64	1.28	
May	2.21	2.24	4.81	1.95	5.63	7.55	3.16 4.00 1.78	2.11	1.20	1.97	1.44	
June	1.44	.80	2.32	1.44	3.38	.74	3.84 6.56 5.17	2.79	4.17	2.55	1.36	
July	2.37	2.36	3.06	3.22	3.41	1.50	4.08 2.19 1.19	1.81	1.63	2.11	1.71	
August	4.58	5.16	3.37	5.49	4.03	3.50	3.59 4.08 2.19	1.78	2.54	5.29	2.86	
September...	2.59	1.10	2.30	7.62	5.43	3.20	4.08 2.19 1.19	2.90	2.38	1.55	2.13	
October	1.22	2.95	2.66	5.22	2.97	4.06	4.08 2.19 1.19	4.80	4.81	3.63	2.94	
November...	2.63	2.28	3.50	2.12	4.25	1.50	4.08 2.19 1.19	4.08	7.01	3.92	3.65	
December...	2.13	7.39	5.57	4.82	5.33	3.72	4.08 2.19 1.19	1.19	5.62	6.95	2.55	
TOTALS...	34.29	40.90	45.54	47.54	47.78	43.42	46.59 33.59	33.59	44.67	35.22	24.92?	

Catchment in 1926 & in garden surrounded by shrubs, a tree 10 ft. high within 9 ft. Standard gauge 11 in. above ground.

1930 Ho. Co. In. 89/86 & 147/31. Print with ? Low, overhauled by shrubs.

2. x 11. 36. Values for 1926 ~~1927~~ received from Edinburgh.
Values for 1927 corrected (f. 447819/36)

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 Holy Island (Pillar Rock)County of Rute Observer Com's of N Lighthouse.River Basin 3. Arvan.

Type of Gauge.....

Annual Average 48.6 in. based on 35 years obs. un-weighted. Period of average 1881-1915 Ref. 5

Diameter	5										
Height	0. 11										
Altitude	68.										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	4.09	6.12	4.26	5.34	3.00	4.20	6.84	7.22	(4.86)	(1.93)	
February	4.78	.01	3.72	.82	7.00	3.31	6.26	1.59	5.46	1.60	
March	1.42	2.93	3.30	2.82	2.07	3.01	.94	3.99	3.96	4.92	
April	1.97	4.77	2.98	2.61	3.23	1.48	2.60	1.10	(2.07)	2.54	
May	1.46	4.02	2.74	3.93	.81	3.32	1.69	4.08	1.22	1.14	
June	5.67	1.50	1.86	2.27	3.82	2.37	3.55	5.21	(2.21)	.80	
July	2.40	4.07	3.81	1.54	1.86	5.48	5.61	3.58	(5.13)	2.53	
August	2.30	2.99	3.20	2.76	1.25	3.48	3.05	2.19	(1.33)	2.50	
September	1.24	5.58	.61	5.42	5.93	4.10	3.25	3.84	(3.46)	2.31	
October	4.06	4.33	3.21	7.84	10.59	7.07	2.34	13.44	(2.91)	6.98	
November	8.84	4.98	2.21	2.16	5.64	4.54	1.25	8.40	(8.13)	7.00	
December	5.54	7.24	2.31	7.58	3.91	6.52	3.87	2.91	3.40	4.74	
TOTALS	114.07	48.54	34.21	45.09	49.11	48.88	41.25	57.55	(41.14)	38.99	

1939 Jan, April, June - Dec est'd
 1940 Jan est'd.

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

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

Station No.

5386

RAINFALL at Holy Island (Pillar Rock)

41

County of ButeObserver Comdr of N. LighthouseRiver Basin 3 - Arran

Type of Gauge

Annual Average 48.6 in. based on 35 years obs. un-weighted. Period of average 1881 - 1915 Ref. S

File No.

Diameter	5"										
Height	0' 11"										
Altitude	68'										
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	1.21	5.24	4.68	5.43	4.80	8.12					
February	3.08	2.24	5.88	2.70	7.62	5.84	.12				
March	(2.84)	2.76	2.46	1.49	3.89	.87	(5.30)				
April	(1.78)	2.52	4.60	4.33	2.35	.81	(4.33)				
May	1.96	3.74	4.33	5.18	6.57	.13					
June	1.07	1.66	4.03	4.33	3.36	1.37					
July	3.10	5.13	2.19	2.94	1.72	2.31					
August	3.46	5.47	8.08	3.73	1.16	1.87					
September	1.33	5.53	4.36	6.42	3.22	4.62					
October	5.54	6.77	7.57	6.04	7.01	.15	(2.29)				
November	(4.12)	.54	4.26	8.26	1.04	1.61	(8.25)				
December	(2.09)	7.53	2.30	6.11	3.29	3.46	(4.77)				
TOTALS	31.58	49.13	54.74	56.96	46.03	31.16	up.				

1941 up low. March-April. Nov-Dec off.

1946 up. Low.

1947. Unreliable, Nov-Apr, O.N.-Dec app. Other months quite unreliable.

1948 Record useless. consistently low.

Advised by M.O. not
to use for averages.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