

Rainfall at *Pladda*

Y206

10

Bute.

Diameter of Gauge, ..... in.

Height above Ground, ..... ft. .... in.

Above Mean Sea Level, ..... ft.

*Arran - 3.*

YEAR - -	1813	1814	1815	1816	1817	1818	1819	MEANS.
January - -		.07	1.60	4.35	4.89	6.60	5.13	
February - -		.19	3.70	1.76	5.23	4.49	3.47	
March - - -		.26	4.50	3.90	5.55	4.10	1.93	
April - - -		1.64	1.27	1.00	.78	2.39	2.15	
May - - -		.23	4.34	2.54	2.22	1.33	2.48	
June - - -		.58	2.91	1.64	5.02	3.27	4.14	
July - - -		1.68	1.98	3.06	2.08	5.61	2.06	
August - -	5.30	1.59	3.94	2.61	4.65	1.32	1.46	
September -	1.51	.24	5.89	5.25	2.21	2.83	2.41	
October - -	1.80	3.19	5.78	4.60	1.68	3.70	4.01	
November -	1.56	4.42	2.43	3.67	4.08	3.48	3.08	
December -	1.80	6.69	5.60	5.33	3.81	3.94	4.46	
TOTALS -		20.78	43.94	39.71	42.20	43.06	36.78	

C C C C C C C

Rainfall at Pladda

Balt.

Y 384

Diameter of Gauge, ..... in.

Height above Ground, ..... ft. .... in.

Above Mean Sea Level, ..... ft.

Arran - 3.

YEAR - -	1820	1821	1822	1823	1824	1825	1826	1827	1828	1829	MEANS.
January - -	2.44	2.12	2.42	1.83	3.16	4.47	2.48	4.84	3.39	.46	2.794
February - -	.34	.89	4.18	3.35	2.38	2.30	5.10	3.94	3.08	1.82	2.744
March - - -	2.49	5.98	5.02	4.01	3.66	2.10	1.94	6.19	1.54	1.24	3.453
April - - -	1.48	2.54	1.16	2.20	2.14	1.92	2.57	4.02	4.61	1.51	2.445
May - - -	4.09	1.35	1.65	4.82	.32	3.42	.14	1.67	1.83	1.80	2.139
June - - -	3.02	.39	1.30	1.29	.79	3.11	.74	3.33	1.38	2.34	1.775
July - - -	.98	1.68	3.68	6.92	2.81	.20	2.23	2.48	1.34	2.53	2.488
August - -	5.26	1.85	3.13	5.22	3.40	3.54	4.13	1.67	2.26	6.31	3.667
September -	3.29	5.02	2.09	6.39	2.61	3.26	2.23	2.42	1.14	2.54	3.135
October - -	2.01	5.61	6.84	4.79	4.40	5.18	5.10	2.26	3.93	4.08	4.423
November -	2.85	4.01	8.31	2.90	4.47	8.90	3.10	1.46	2.01	4.66	4.897
December -	3.52	4.48	3.61	4.53	6.13	3.86	4.26	4.89	2.66	1.66	3.985
TOTALS -	32.73	39.17	43.42	48.25	39.27	42.56	34.08	39.70	29.26	31.01	37.945

Rainfall at

Pladda L. H. Bate S. W.

55° 30' N. Lat. 5° 4' W. Long.

Y382

Diameter of Gauge, ..... in.

Height above Ground, ..... ft. .... in.

Above Mean Sea Level, 120.... ft.

Arrow - 3.

YEAR - -	1830	1831	1832	1833	1834	1835	1836	1837	1838	1839	MEANS.
January - -	.76	1.80	1.66	.91	7.07	3.62	6.85	2.94	.95	2.77	
February - -	3.31	4.90	2.62	5.05	3.45	6.40	3.39	5.61	1.35	1.35	
March - - -	3.91	5.46	5.58	1.05	3.46	3.48	4.04	1.81	3.30	2.68	
April - - -	3.84	1.51	2.36	2.02	.55	2.20	2.90	1.86	2.39	.50	
May - - -	2.64	.80	1.68	1.15	1.67	5.17	.15	2.36	1.11		
June - - -	4.04	2.70	3.83	1.35	3.65	1.42	1.56	2.38	2.71		
July - - -	4.35	3.47	1.20	2.65	2.15	4.89	7.88	2.05	3.24		
August - - -	3.58	2.95	3.33	2.35	3.67	2.61	5.88	4.10	2.30		
September -	7.31	3.26	1.68	3.72	3.77	4.86	5.90	3.17	2.45	2.40	
October - -	3.28	7.21	4.85	3.55	3.51	5.08	4.27	4.52	4.10	5.05	
November -	4.34	6.57	4.48	6.94	2.54	6.74	6.43	6.37	2.50	2.31	
December -	3.78	5.85	5.56	10.16	2.85	2.63	4.40	5.27	2.75	3.65	
TOTALS -	45.14	46.47	38.83	40.90	38.34	49.10	53.65	42.46	29.15		

No Returns

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

*Area - 3.*

YEAR - -	1840	1841	1842	1843	1844	1845	1846	1847	1848	1849	MEANS.
January - -	6.62	3.38	3.58	6.89	4.30	5.85	6.18	2.20	2.01	5.46	4.647
February - -	2.87	3.15	3.17	1.60	6.18	1.48	2.48	2.06	6.95	2.60	3.254
March - - -	.55	3.71	3.86	1.98	4.40	2.83	3.52	1.27	3.09	1.96	2.717
April - - -	.70	2.55	0.00	4.61	2.32	1.86	1.56	2.83	1.44	2.58	2.045
May - - -	3.65	2.00	2.28	2.58	.25	.80	1.75	3.31	1.63	3.80	2.205
June - - -	3.27	2.80	2.46	3.13	4.32	3.93	2.45	2.15	2.83	1.64	2.898
July - - -	5.23	3.97	2.08	4.37	2.42	3.44	6.40	2.30	3.60	4.45	3.826
August - - -	5.07	4.28	1.55	3.13	2.82	2.20	5.03	1.74	3.82	2.71	3.235
September -	4.75	4.40	3.34	1.12	2.57	3.77	4.00	3.42	1.56	2.22	3.115
October - -	1.44	5.73	2.00	8.63	2.24	7.02	5.01	4.74	3.29	2.76	4.286
November -	3.11	4.10	3.68	6.13	2.23	5.87	4.72	4.60	5.07	6.18	4.569
December -	3.00	6.34	1.85	2.50	.83	5.97	1.13	4.51	3.71	2.40	3.224
TOTALS -	40.26	46.41	29.85	46.67	34.88	45.02	44.23	35.13	39.00	38.76	40.021

x All in one day.



# Rainfall at *Pladda*

50

Bute.

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

*Ann - 3.*

YEAR - -	1850	1851	1852	1853	1854	1855	1856	1857	1858	1859	MEANS.
January - -	3.14	6.23	6.69	4.64	2.54	.70	1.46	3.43	2.86	3.90	3.559
February - -	7.79	3.45	5.37	1.23	2.66	.64	2.78	1.73	.83	3.64	3.012
March - - -	1.37	3.77	.63	1.35	1.31	2.08	.28	3.22	1.65	5.57	2.123
April - - -	3.75	1.38	.44	2.07	.84	2.35	1.78	3.17	2.65	4.62	2.305
May - - - -	2.72	1.10	1.72	.51	2.18	1.67	4.39	2.47	3.26	.15	2.017
June - - - -	2.21	4.17	2.12	2.78	2.25	1.52	5.47	2.28	4.38	1.47	2.865
July - - - -	3.94	4.21	3.10	4.51	1.91	1.82	2.41	1.87	3.90	2.70	3.037
August - - -	5.06	5.54	2.66	4.46	1.99	4.17	3.78	1.88	1.93	4.72	3.619
September -	1.93	1.45	1.23	1.20	2.57	1.76	1.38	2.41	2.91	5.49	2.233
October - -	3.98	4.53	2.26	5.28	4.67	5.14	1.87	2.52	3.48	2.22	3.595
November -	5.30	2.60	5.41	2.64	3.28	.51	2.48	3.26	1.82	3.53	3.083
December -	3.41	2.81	8.77	.20	7.47	1.73	4.10	2.86	4.01	2.48	3.784
TOTALS -	44.60	41.24	40.40	30.87	33.67	24.09	32.18	31.10	33.68	40.49	35.232

Camp Pladda.

Lat 55.26 Lon 5.7.9

S. S. August 1861 But.

+ Ground 3.3 + Bar + Sea Level. 55

Area - 3.

YEAR -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January -	6.32	3.01	5.25	6.43	2.01	3.55	6.97	1.44	4.70	4.19	4.367
February -	2.54	2.73	2.21	3.05	1.80	2.81	4.36	3.70	5.87	4.27	3.334
March -	4.80	5.57	4.07	2.88	3.60	2.14	2.38	1.20	7.25	1.62	3.551
April -	1.47	.35	4.67	3.01	1.92	.48	1.29	6.34	3.07	2.10	2.470
May -	2.69	1.34	3.80	3.47	.85	2.29	1.44	2.86	3.10	.78	2.262
June -	4.36	3.78	4.52	4.04	1.92	1.14	2.02	2.00	.90	1.46	2.614
July -	1.36	3.54	5.37	.66	1.26	1.76	2.04	5.56	1.28	1.29	2.412
August -	3.84	6.72	2.70	3.20	1.39	2.17	4.96	3.20	7.15	1.20	3.653
September -	1.67	4.97	1.81	4.95	3.20	1.22	5.40	4.99	1.52	7.86	3.759
October -	4.69	2.66	10.55	3.75	1.74	4.13	1.81	5.35	5.92	3.30	4.390
November -	2.02	4.83	2.34	3.76	2.01	3.87	4.90	1.00	2.79	6.37	3.389
December -	2.62	3.34	6.40	4.14	1.83	1.39	6.59	2.94	5.65	4.30	3.920
TOTALS -	38.38	42.84	53.69	43.34	23.53	26.95	44.16	40.58	49.20	38.74	40.141

C C + C C 5 2 C C C C C

RAINFALL AT *Arram Aladda*

Lat.....

Lon.....

County of... *Burien*

Rain Gauge, by.....

Observer .....

*Arram - 3.*

Diameter .....											
Height .....	3	3									
Altitude .....	550										
YEAR .....	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....	2.89	4.11	5.43	7.53	3.77	4.65	2.41	7.82	4.95	1.06	4.462
February.....	2.38	6.76	5.58	2.9	1.25	1.24	4.50	6.17	1.66	2.73	3.056
March.....	1.75	1.92	3.61	1.90	3.45	1.54	5.92	2.40	2.92	2.67	2.708
April.....	1.31	3.76	.64	4.1	2.37	1.24	2.28	2.50	2.29	1.71	1.851
May.....	2.75	-.37	2.46	2.73	1.95	2.18	.68	1.54	2.05	1.82	1.853
June.....	2.08	2.48	7.12	1.96	.93	1.99	2.64	3.95	2.62	3.39	2.916
July.....	3.01	3.35	4.21	3.68	2.37	1.58	2.58	3.78	.75	5.65	3.096
August.....	1.33	3.34	4.53	4.01	4.96	3.06	3.74	6.41	2.10	4.59	3.807
September.....	2.21	2.71	6.41	3.39	4.08	3.01	3.00	1.94	5.08	4.89	3.672
October.....	4.25	2.10	4.58	9.37	7.17	6.22	5.64	5.14	5.45	2.55	5.247
November.....	1.77	2.46	5.30	4.51	5.50	5.47	2.77	6.19	2.12	1.09	3.718
December.....	2.90	3.82	5.27	2.12	2.83	3.90	5.73	5.97	1.77	1.37	3.368
TOTALS .....	27.63	37.18	53.14	41.90	40.63	36.08	41.89	53.81	33.76	33.52	39.954



# RAINFALL AT Arran Gladda

Lat. \_\_\_\_\_

Lon. \_\_\_\_\_

County of \_\_\_\_\_

Bute

Rain Gauge, by \_\_\_\_\_

Observer Ed. of Northern Light

Arran - 3.

Diameter ....											
Height .....	3.3										
Altitude ....	55?										
Year .....	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January ....	2.09	.18	3.75	5.09	8.64	2.83	3.77	2.82	2.13	4.54	3.584
February ....	2.29	3.00	4.40	4.95	4.02	4.99	2.93	2.25	1.56	4.12	3.457
March .....	2.75	3.65	3.52	1.61	3.13	2.77	2.80	1.75	2.06	2.78	2.682
April .....	3.93	1.56	3.52	1.74	.76	2.88	1.63	2.97	1.54	2.31	2.284
May .....	.86	3.18	1.30	2.27	4.04	2.15	3.73	2.33	4.06	2.01	2.599
June .....	2.64	3.60	2.84	2.81	.49	1.02	1.88	1.36	2.85	1.29	2.078
July .....	2.27	3.17	4.36	1.64	4.35	2.19	1.69	2.47	5.18	2.32	2.984
August .....	.90	3.60	4.25	5.82	3.86	3.98	3.38	3.64	6.04	6.07	4.154
September ....	3.89	1.62	3.70	7.41	4.71	5.02	5.37	3.59	1.10	3.01	3.942
October .....	.82	3.29	3.49	5.69	4.35	3.71	4.20	1.15	1.28	2.30	3.028
November ....	3.48	4.63	8.17	8.19	4.77	2.64	3.71	1.86	3.36	1.95	4.276
December ....	6.74	4.36	3.81	5.12	6.32	3.10	4.93	2.86	1.37	2.85	4.146
TOTALS ....	32.66	35.84	47.23	52.34	49.64	37.28	40.02	29.05	32.53	35.55	39.214



# RAINFALL AT Arran Pladda

Lat. \_\_\_\_\_

Lon. \_\_\_\_\_

County of Bute

Rain Gauge, by \_\_\_\_\_

Observer Board of Northern Lights

Arran - 3.

Diameter ....	...										
Height .....	3	3									
Altitude ....	55?										
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January ....	2.49	1.96	3.38	1.05	5.70	1.88	3.96	1.45	2.95	4.53	
February ....	.48	.27	1.90	4.00	6.80	.00	2.12	3.03	3.97	3.70	
March .....	2.48	3.60	.08	1.15	2.18	6.07	6.97	4.43	3.13	2.34	
April .....	.61	1.46	.22	1.85	1.48	2.32	2.31	1.29	2.20	3.65	
May .....	3.02	1.45	5.15	.85	2.80	.25	1.00	1.89	2.85	4.90	
June .....	4.09	1.15		1.80	3.80	1.64	4.39	5.60	2.10	1.50	
July .....	4.83	.94	(12.00)	3.20	3.12	4.83	4.79	1.95	.35	4.13	
August .....	3.18	3.57		2.75	2.75	5.19	2.31	4.21	4.55	1.39	
September....	4.01	4.49	3.90	3.26	.00	1.90	5.43	3.69	4.05	6.39	
October .....	4.37	2.94	2.70	5.32	1.95	4.15	3.94	2.26	3.90	3.77	
November....	6.62	3.04	4.40	3.80	2.65	5.59	2.01	2.35	6.80	7.08	
December ....	1.47	5.41	2.50	5.55	4.41	5.89	3.70	6.55	4.75	6.30	
TOTALS ....	37.65	30.28	26.23	34.58	37.64	39.71	45.23 <del>42.93</del>	38.70	41.60	49.98	39.160

1896 Dec: Gauge leaking. } estimated  
June - Aug 1892

# RAINFALL AT *Annan Gladda*

Lat. ....

Lon. ....

County of *Bute*

Rain Gauge, by .....

Observer *Board of Northern Lights*

*Annan - 3.*

Diameter ..	...										
Height ....	...										
Altitude ..	...							130			
Year ....	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	7.00	3.24	7.80	7.45	4.70	5.75	5.20	4.91	8.90	7.42	6.247
February ..	4.20	1.13	2.13	5.66	4.85	6.60	5.15	3.13	6.71	3.77	4.333
March ....	.00	1.89	4.37	5.35	2.69	6.45	5.10	4.27	8.17	3.39	4.168
April .....	2.11	3.37	1.23	2.15	5.04	5.05	3.25	1.77	5.39	4.76	3.512
May .....	3.08	1.40	4.78	4.09	3.35	2.93	8.72	5.45	4.50	1.32	3.965
June .....	1.87	3.43	2.92	2.10	2.77	2.35	1.80	6.10	3.57	1.58	2.849
July .....	3.05	.60	3.79	4.43	3.55	2.71	4.10	2.45	2.80	2.58	3.006
August ....	3.83	6.72	4.20	6.10	6.08	8.88	6.30	5.65	3.40	1.94	5.310
September ..	4.40	5.52	6.25	2.75	5.90	3.50	2.52	.22	4.57	2.27	3.790
October ....	5.01	6.20	3.47	10.30	3.89	6.95	9.23	7.10	.72	9.24	6.211
November ..	5.70	8.85	4.68	5.28	6.25	4.80	7.05	2.19	5.48	1.64	5.192
December ..	5.60	8.74	4.97	4.15	5.30	4.00	7.15	8.50	7.30	5.71	6.142
TOTALS ..	46.85	51.19	50.59	59.81	54.37	59.97	65.57	51.74	61.54	45.62	54.725

*41.2*

RAINFALL at Arran, PladdaCounty of Bute Observer Ed. of Northern Lights.River Basin Arran 3.

Rain Gauge, by \_\_\_\_\_

Diameter ...											
Height .....											
Altitude ...	130										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	5.06	5.09	3.74	5.23	4.12	3.83	5.69	2.54	4.79	4.67	
February ...	8.72	9.47	1.75	2.87	4.75	4.76	4.79	1.00	5.74	1.70	
March .....	2.88	2.66	6.04	4.55	4.44	2.49	2.18	1.60	1.61	3.49	
April .....	4.07	4.93	3.14	1.87	3.34	2.54	3.67	1.22	.79	1.35	
May .....	3.01	2.25	1.11	3.88	2.58	1.31	3.82	3.79	3.37	1.21	
June .....	1.50	1.57	3.41	2.32	.27	1.37	1.50	.85	1.43	3.74	
July .....	2.98	3.96	2.93	1.17	1.66	3.91	1.96	1.41	3.47	1.03	
August .....	7.13	2.07	3.94	1.59	4.33	1.27	3.21	1.36	3.38	2.69	
September ..	1.97	2.97	1.92	2.54	2.59	1.42	1.78	1.24	5.88	3.29	
October ...	1.03	2.89	7.14	2.46	1.73	2.47	5.38	5.31	6.15	1.08	
November ..	9.62	4.89	7.03	7.07	5.55	2.75	3.05	8.78	6.02	3.63	
December ...	8.57	7.53	11.28	3.78	5.46	6.82	2.88	3.61	5.99	12.42	
TOTALS ...	56.54	50.28	53.43	39.33	40.82	34.94	39.81	32.71	48.63	40.30	

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



RAINFALL at Pladda [Annan] LighthouseCounty of ButeObserver Board of Northern LightsRiver Basin Annan. 3

Rain Gauge, by \_\_\_\_\_

Diameter ...				5							
Height .....				19			1.6				
Altitude ...	130			35.			53				
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930. MEANS.
January ...	5.10	7.59	4.19	4.93	6.67	3.74	4.41	4.85	5.13	1.44	3.55
February ...	4.30	1.71	4.67	4.67	1.04	4.09	4.53	1.57	2.40	1.22	.29
March .....	3.80	5.40	1.47	1.81	1.94	2.88	3.20	2.37	2.32	.90	2.20
April .....	2.24	1.22	3.93	3.61	3.67	3.25	1.71	1.94	1.10	.72	1.10
May .....	6.68	3.06	3.72	2.55	3.54	6.58	1.80	.71?	1.30	1.74	.30
June .....	2.92	1.06	3.65	1.93	2.84	.47	1.63	3.18	2.71	2.49	1.72
July .....	4.05	4.30	2.74	3.74	4.02	1.60	2.30	2.36	1.51	1.58	1.03
August .....	5.08	6.49	3.36	5.77	4.00	2.65	4.14	3.68	2.61	5.09	5.56
September...	2.95	2.73	2.36	6.11	4.73	3.25	3.76	3.37?	2.28	1.05	5.70
October .....	2.90	4.43	2.36	5.20	2.75	4.11	3.97	2.34?	3.77	3.10?	3.95
November...	3.70	3.68	3.90	6.11	3.33	1.55	4.19	3.77	4.83	3.12?	2.94
December...	5.22	7.05	3.85	6.59	4.32	4.54	2.42	.84	2.69	4.45?	2.61
TOTALS...	48.94	48.72	40.20	53.02	42.85	38.71	38.06	30.98	32.65?	26.90?	30.05?

1922. Entirely wrong day.

Calculus in 1926 5. in one of the hay parks on fairly level ground. Surrounded by walls 5ft. high on NW, NE + SE about 10, 33 + 38 yds away + on SW by wall 6ft high + 29 yds away. Standard gauge with mouth 16 in. above ground.

1930 Year about 5" low. Printed with? M.O. Edin. 80/686 of 11/7/31.

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 PladdaCounty of Bute Observer Com'r. of N. LighthouseRiver Basin 3. Arran

Type of Gauge

Annual Average 45.5 in. based on 35 years obs. un-weighted. Period of average 1881-1915 Ref. S

Diameter	5.										
Height	1. 6.										
Altitude	53.										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	2.92	2.46									
February	2.44	1.00									
March	1.74	2.17									
April	1.71	2.80									
May	2.49	1.79									
June	5.03	1.08									
July	2.79	2.79									
August	1.34	1.40									
September	1.96	3.88									
October	2.34	4.79									
November	5.61	3.51									
December	3.03	5.54									
TOTALS	31.40	32.21									

1931 how high.

1932 715' too low. M.O. Edinburgh told not required in future.

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