

RAINFALL AT Buddonness Lighthouse

Lat.

Lon.

County of

Forfar

Rain Gauge, by

Observer

D. Cunningham Esq.

Birth of Jay - 2.

Diameter											
Height											
Altitude											
Year.....	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January									<i># 1.49</i>		
February									<i>.72</i>		
March									<i>2.65</i>		
April									<i>1.48</i>		
May									<i>1.58</i>		
June									<i>1.97</i>		
July									<i>4.99</i>		
August									<i>1.38</i>		
September....									<i>.38</i>		
October									<i>1.07</i>		
November....									<i>4.47</i>		
December									<i>1.81</i>		
TOTALS									<i>23.99</i>	<i>NR</i>	

RAINFALL AT Buddonness

Lat. _____

Lon. _____

County of Forfar

Rain Gauge, by _____

Observer Dunningham Esq

First of May - 2.

J.C. Buchanan Esq. Ch.

Diameter	5										
Height	10										
Altitude	17										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	2.32	.66	1.23	1.47	2.55	2.72	.64	1.14	.65	3.33	1.671
February	1.08	.09	1.77	2.58	3.78	.79	.85	.93	.71	2.07	1.465
March	1.68	1.72	.51	1.05	.67	2.74	1.12	2.94	.58	1.55	1.456
April .....	.38	.62	.69	1.10	1.47	1.19	1.03	1.20	3.41	3.28	1.437
May	1.78	1.92	3.15	1.98	3.41	.61	.86	1.48	2.44	3.95	2.158
June	3.07	.49	2.76	1.71	2.01	1.74	2.60	3.90	1.22	1.52	2.102
July	2.96	3.88	1.44	2.63	2.93	3.89	3.68	1.64	1.80	2.32	2.717
August	2.70	3.33	3.90	2.64	4.66	3.83	2.14	3.81	2.86	.49	3.036
September....	2.19	3.67	1.14	1.77	.40	.80	3.06	1.19	1.52	3.18	1.892
October	1.60	1.98	3.87	2.53	3.09	1.69	2.69	2.01	4.39	.73	2.458
November....	3.39	2.42	1.89	1.42	1.42	2.57	.82	1.42	3.55	2.17	2.107
December	1.73	3.27	1.23	1.83	1.60	2.59	5.19	2.55	1.18	3.93	2.570
TOTALS	24.88	24.05	23.58	22.71	27.99	25.16	24.68	24.21	24.31	28.52	25.009

RAINFALL AT Buddonness Light

Lat.

Lon.

County of Forfar

Rain Gauge, by

Observer

J. C. Buchanan Esq. Cl.

J. Thompson Esq. Cl.

First of Day - 2.

Diameter ..	5										
Height	10										
Altitude ..	17										
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	3.62	1.38	1.23	4.22	1.61	.28	1.97	.77	1.50	1.38	1.796
February ..	2.76	1.24	1.20	2.84	3.73	.84	.69	1.14	.54	.93	1.591
March	1.86	1.30	1.06	1.95	1.55	2.29	.90	1.60	3.29	4.00	1.980
April	1.27	1.83	1.76	.84	1.21	1.65	.53	1.86	.58	3.68	1.551
May	1.44	1.64	2.34	1.17	2.07	1.57	5.12	4.69	1.90	2.95	2.489
June	1.76	2.47	1.43	1.93	.54	1.00	1.03	3.66	.73	.94	1.549
July	3.94	.67	2.69	4.25	.89	1.93	1.20	2.14	1.75	2.95	2.241
August	3.82	3.55	2.07	4.45	3.83	3.42	4.93	2.96	1.75	2.43	3.321
September ..	1.54	1.08	1.19	2.12	1.62	1.09	1.05	1.19	4.56	1.42	1.686
October	3.16	1.99	1.18	4.61	.62	1.71	3.21	4.83	1.56	3.51	2.638
November ..	4.19	1.95	2.20	.94	.73	4.62	2.35	1.64	1.39	.57	2.058
December ..	3.17	2.89	2.07	2.29	1.39	1.11	.94	3.07	2.03	3.85	2.281
TOTALS ..	32.53	21.99	20.42	31.61	19.79	21.51	24.22	29.55	21.58	28.61	25.181

W. S.

RAINFALL at Buddoness, Low Light 5587County of Forfar Observer J. H. Thompson Esq. F.R.S.River Basin Firth of Tay 2

Rain Gauge, by _____

Diameter ...	5										
Height	10										
Altitude ...	17		27								
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	SUMS MEANS. 1910-1919
January ...	2.00	.73	2.65	3.69	1.66	2.52	1.55	2.07	2.28	3.98	9.88
February ...	2.20	1.24	2.39	1.19	2.32	5.33	2.52	1.01	2.03	2.69	8.25
March	1.43	1.35	1.78	3.82	4.28	3.02	2.99	1.71	1.43	1.56	7.69
April	2.77	1.03	.15	2.57	.68	.79	2.13	1.73	.67	2.55	6.88
May	1.63	1.07	1.73	3.07	2.16	.83	3.22	1.47	4.17	1.01	9.87
June	1.33	1.26	3.35	1.51	.99	1.17	2.76	1.04	.86	1.70	6.36
July	2.79	1.40	2.35	1.06	2.54	4.24	6.64	1.60	3.91	.72	12.87
August	6.68	.73	3.72	1.39	2.94	2.67	4.26	5.49	2.13	1.15	13.73
September ..	.90	1.03	3.80	2.28	.53	1.40	1.62	1.50	4.01	1.13	8.26
October ...	2.00	1.79	3.72	1.98	2.66	2.96	4.33	2.52	3.14	2.05	12.04
November ..	2.95	3.99	2.20	2.20	3.55	1.41	3.87	3.22	1.64	4.30	13.03
December ...	2.51	4.61	2.48	1.42	4.83	6.41	4.37	1.35	2.32	6.30	14.34
TOTALS ...	29.19	20.23	30.32	26.18	29.14	32.75	40.26	24.71	28.59	29.64	123.20

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Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1913	56° 28' 42"	2° 44' 37"	Bary	2 9m	N	Bary	2mi	N
1916	56° 28'	2° 44' 30"	Buddon	15 8mi	N.			
1919								

RAINFALL at Buddonness, Low LightCounty of FoyarObserver J. H. Thompson Esq. C.E.River Basin Firth of Tay 2.

General Manager, Dundee Harbour Trust.

(1928) Snowdon Rain Gauge, by _____

Diameter ...	5			5									
Height	1	0		1	0								
Altitude ...	27			27									
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930. MEAN.		Sums
January ...	2.51	4.14	4.43	1.35	2.93	1.55	3.39	1.43	3.82	1.05	1.46		28.06
February ...	1.87	.23	2.41	4.81	.39	2.67	4.00	.99	1.75	1.34	1.01		22.02
March	2.04	1.75	1.52	1.27	1.27	1.37	.69	2.30	3.45	.42	1.38		17.46
April	1.94	.96	1.81	3.04	2.05	2.22	2.25	.83	.52	1.41	1.64		18.67
May	3.72	2.29	1.06	1.74	4.19	3.33	1.62	2.20	1.18	2.46	1.41		25.20
June .....	.96	.94	1.71	1.06	1.77	.67	2.22	1.68	3.59	1.75	1.64		17.99
July	2.21	2.36	3.89	1.94	4.37	1.52	2.44	1.94	1.31	2.16	2.17		26.31
August	3.62	2.94	1.80	4.78	3.20	1.64	2.11	3.85	4.86	3.45	6.62		38.87
September...	2.17	1.14	2.34	2.11	4.45	3.00	3.79	5.65	1.99	.53	4.39		31.56
October	1.97	2.17	2.16	2.10	3.84	1.70	4.47	4.30	2.96	2.01	2.57		30.25
November...	2.67	2.18	1.60	2.43	1.26	.82	3.85	1.34	2.07	3.26	3.35		24.83
December...	4.13	1.37	1.74	2.97	2.54	2.03	.20	2.38	1.94	3.77	2.47		25.54
TOTALS...	29.8	122.52	26.47	29.60	32.76	22.52	31.03	28.89	29.44	23.61	30.11		306.76

Position of Station on reduced Ordnance Survey } No. of Map _____
Map, 2 miles to 1 inch Series

Reference No. _____

Date.	Lat. N.	Long. W.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge	Direction from gauge
1920	56° 26' 10"	2° 24' 54"	Buddon	1 7/8 mi	N	Barry	2 mi	N

at Carnoustie Lighthouse
Buddon Ness (Low Lights)

M. W. R.

Observer, ~~J. H. Thompson~~ F. B. M. S. (rekind)

River Basin..... 2- North of Jay

Type of Gauge.....Snowdon.

Annual Average 26.4 in. based on 39 years obs. un-weighted. Period of average..... $1851-1915$ Ref 5

Diameter	5.										
Height	1.0										
Altitude	27				10				15		
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Sums Means
January	2.85	1.86	1.74	1.01	1.05	3.86	2.89	2.49	3.60	1.94	22.79
February	1.27	.13	1.79	.04	1.82	2.78	2.99	.47	1.94	1.15	14.08
March	1.16	2.59	1.49	2.30	1.22	2.43	2.78	.46	2.00	2.62	19.05
April	2.37	2.00	1.34	5.36	2.71	.52	1.91	.07	.76	1.15	18.19
May	3.40	2.95	1.15	1.90	.89	1.49	2.23	3.31	1.11	1.26	19.61
June	4.77	1.14	1.10	1.09	3.34	.98	1.73	2.45	1.08	.30	17.98
July	4.26	2.55	2.19	2.34	.94	3.89	4.52	2.74	3.45	5.88	32.77
August	2.86	.61	.75	2.52	1.90	1.39	3.10	1.33	1.50	1.06	17.02
September	.98	1.61	1.28	2.41	3.12	2.89	1.18	3.04	1.73	2.36	20.60
October	.98	5.60	2.57	2.67	2.41	1.15	2.82	2.80	2.04	4.30	28.34
November	4.66	.98	2.42	.94	3.90	1.76	.60	3.33	3.95	4.46	27.00
December	.97	2.86	1.05	3.54	1.67	1.63	3.25	2.55	.94	1.28	19.24
TOTALS	30.53 2	23.88 2	18.87 2	26.12 2	25.67 2	24.77 2	30.01 2	25.04 2	24.10 2	27.76 2	256.75 2

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	Parish Church	Distance from gauge	Direction
1937			Barry	1 $\frac{3}{4}$ m	N	Barry	2 m	N.

Station No.

5587

RAINFALL at Canowie (Bardon Ness L.F. No.) MWR 41County of Cirencester (Foram) Observer Durdee Harbour Trust
River Basin 2 - Fifth of Tay (J. H. Thomson H.S.)
Type of Gauge Snowdon M.O. Mk. IIAnnual Average 2.4 in. based on 39 years obs. unweighted. Period of average 1881-1915 Ref. SFile No. F 11912/50

Diameter	5"			858	477					5"	
Height	4"				1			1'		1' 0"	
Altitude	15'				41					15' 42"	
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	30 yrs Means
January	2.69	3.93	3.16	1.12	3.79	1.45	3.62	4.08	1.14	1.14	26.02
February	4.43	1.46	1.05	0.53	1.93	1.12	2.12	2.29	1.17	1.86	17.96
March	2.15	1.40	0.56	0.57	0.76	1.99	3.52	0.72	1.65	2.11	15.43
April	2.10	1.39	1.43	2.30	1.37	0.25	2.10	1.34	1.29	1.32	14.89
May	1.95	3.59	3.40	1.76	3.84	1.81	4.91	3.11	1.25	1.65	27.27
June	0.86	0.94	1.36	2.36	2.69	2.58	3.01	3.85	0.97	1.20	19.82
July	2.41	2.31	2.51	2.37	2.85	2.63	1.45	2.41	2.55	3.27	24.76
August	3.05	1.89	4.03	1.43	3.60	4.06	0.34	6.89	2.58	2.74	30.61
September	0.76	2.70	2.39	2.31	3.19	2.65	1.89	2.39	1.53	5.32	25.13
October	3.56	1.98	2.70	3.29	4.48	0.48	1.27	2.86	3.65	1.22	25.49
November	3.45	0.44	0.76	3.01	1.02	6.25	1.91	1.19	3.29	3.28	24.60
December	0.61	1.94	1.04	2.20	4.24	2.54	1.68	3.13	1.90	1.24	20.52
TOTALS	27.92	23.97	24.39	23.25	33.76	27.81	27.82	34.26	22.97	26.35	272.50

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. 5587

RAINFALL at Carnoustie (Buddon Ness Light Sta.) M.Y.R. 51

County of Angus (Forfar)

Observer Dundee Harbour Trust.

River Basin North of Tay - 2

Type of Gauge H.O.

Annual Average 36.4 in. based on 39 years obs. un-weighted. Period of average 1881-1915 Ref. S.A.W.S.

28.10 - - - 16 - - 1941-1956

1916-1950 P

File No. 4912/50

Diameter ...	55"				858	477					
Height ...	1'0"					1					
Altitude ...	15'					51					
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	3.75	1.25	0.60	1.35	1.14	2.66	2.63	1.62	1.05	4.11	
February ...	2.54	0.53	0.76	2.03	1.82	1.14	3.39	2.50	0.22	2.18	
March ...	2.18	2.24	0.17	2.37	1.73	1.17	2.04	5.67	0.92	1.72	
April ...	2.25	1.11	2.29	1.09	0.66	1.17	0.58	1.63	2.47	2.08	
May ...	1.75	2.35	2.20	2.62	1.69	0.59	1.26	2.24	0.70	1.48	
June ...	1.45	1.87	1.14	2.13	0.78	2.84	0.86	2.00	2.18	1.96	
July ...	3.52	2.18	2.46	2.32	1.22	3.64	5.67	4.95	3.35	1.73	
August ...	2.65	2.67	2.47	2.49	0.24	4.47	3.63	3.29	0.67	4.14	
September ...	1.34	0.77	2.03	2.57	0.91	4.54	1.52	2.58	0.55	2.28	
October ...	0.46	1.93	1.50	5.61	1.85	1.20	1.50	1.51	1.99	4.87	
November ...	6.14	1.85	2.33	3.67	1.60	0.64	1.13	0.86	4.60	3.55	
December ...	1.82	1.91	2.52	2.53	5.33	2.94	3.76	(4.38)	4.71	1.82	
TOTALS ...	29.85	20.66	20.77	30.78	18.97	27.00	27.97	33.23	23.41	31.92	
	D	D	D	D	D	D	D	D	D	D	

0004

Position of Station on Ordnance One-Inch map :

No. of Map.....

National Grid Reference 37/539309

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

Summary of Earlier Records from 10-year Sheets :

1916-1950, P - accepted

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
	✓	✓	✓	✓	✓
	✓	D 22-30	✓	✓	