

Rainfall at Belterocaim Vincardine

S-g

50

Observer - A. G. Cameron Esq. M. A. Authority - Imp Det No 83

Diem 4 in Grey - level
north side - 1.

Above Sea Level 241

YEAR - -	1850	1851	1852	1853	1854	1855	1856	1857	1858	1859	MEANS.
January - -							2.80	3.40	.90	1.80	
February - -							2.55	.20	.90	1.30	
March - - -							.11	3.90	1.60	2.40	
April - - -							3.70	3.60	.80	1.70	
May - - - -							1.35	1.40	1.30	.30	
June - - - -							1.40	1.80	1.30	1.50	
July - - - -							1.40	1.80	3.80	2.10	
August - - -							2.20	1.10	1.80	1.80	
September -							3.80	4.60	2.30	2.40	
October - - -							1.80	1.20	3.20	6.30	
November - -							1.10	3.10	3.10	3.50	
December - -							1.90	1.40	4.20	3.20	
TOTALS -							23.58	26.70	25.20	28.30	

6-7

Exhibit 10

✓ ✓ ✓ ✓

Fettercairn

SZ

60

Kincardine. 68

A. C. Cameron Esq. M.D. M.P. Ret. M.D.

4 in grass plot in g.

3 in

64 65 68 69

225 65 68

230 63 67

221 64

Diam 4 in + ground 0.

+ Sea level 241 ft

North Sek-1.

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -	4.10			3.50	2.30	4.10	3.10	4.80	4.40	5.40	
February - -	3.50			1.00	4.20	5.10	2.40	1.10	2.80	2.70	
March - - -	2.20			1.00	2.10	1.80	3.80	4.10	1.60	1.30	
April - - -	1.50			1.80	1.20	.50	1.50	4.30	3.90	1.50	
May - - - -	1.00			1.80	2.20	2.00	.90	3.70	2.20	1.00	
June - - - -	6.30			3.40	1.50	.20	1.60	1.20	.60	3.00	
July - - - -	3.00			1.10	1.00	2.20	1.80	5.00	.20	.75	
August - - -	4.30			3.00	.40	3.50	3.30	3.40	4.30	1.10	
September -				2.40	3.70	.40	3.50	2.60	4.60	4.50	
October - - -				3.70	6.30	6.50	3.00	3.80	2.50	4.50	
November - -				2.20	4.50	3.50	2.50	.40	2.20	1.10	
December - -				1.80	5.70	2.60	3.20	2.90	6.50	3.20	
TOTALS - - -				26.70	35.10	32.40	30.60	37.30	37.80	30.45	

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RAINFALL AT Fettercairn

Lat..... Lon..... County of KincardineRain Gauge, by..... Observer A. C. Cameron Esq.North ~~to~~ = 1.

Diameter .....	.3				5		.4				
Height .....	.3				4		.3			.4	
Altitude	230	210	225	230			230				
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....	2.00	1.10	4.80	3.45	2.30	5.97	1.34	7.35	1.85	2.60	3.276
February	5.40	2.90	9.10	1.90	1.38	2.25	4.45	2.65	1.34	4.25	3.382
March .....	.60	.60	1.40	2.20	1.68	1.33	3.45	1.45	1.50	2.75	1.696
April .....	.50	5.80	4.30	.60	1.04	1.43	3.35	3.60	1.80	1.05	2.347
May	3.70	.90	3.10	2.20	2.27	1.62	.68	2.40	2.78	1.90	2.155
June.....	1.00	2.10	5.50	.90	.71	3.24	2.56	3.73	3.48	3.60	2.682
July	2.00	4.10	2.90	6.80	2.79	2.78	1.17	3.00	.68	4.80	3.102
August.....	1.10	2.30	2.80	2.90	7.20	3.95	1.90	6.69	3.72	4.50	3.706
September.....	2.80	1.90	4.40	5.20	2.18	5.17	3.68	2.95	2.50	2.58	3.336
October.....	5.00	5.50	4.70	4.10	2.94	6.80	4.45	3.87	4.28	.95	4.239
November.....	4.10	2.80	7.40	3.60	3.40	3.24	6.60	4.90	3.65	2.02	4.171
December.....	4.30	1.90	7.30	1.80	3.10	3.50	9.80	2.75	3.10	1.40	3.895
TOTALS	32.50	31.90	57.70	35.65	30.99	41.28	43.43	45.34	30.68	32.40	38.187

1875 Gauge very slightly sheltered by a tree and a garden hedge

1876 Sept? erroneously given 7.38 in R.G.R.

1879 Hedge 3ft high 12ft S.E.

Tree 6. " " 10. " N.W.

Bushes 2. " " 6. " S.W.

Fettercairn church 200 yd E

RAINFALL AT Fettercairn (Munro)

Lat. _____

Lon. _____

County of Lincolne

Rain Gauge, by _____

Observer A. C. Cameron, Esq.

North sk-1.

Diameter	5			4	5						
Height	0.4	0.3						4			
Altitude	230	2						237	2		
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January	1.06	1.42	1.38	4.30	3.87	2.39	2.70	2.62	3.35	1.38	2.449
February	3.10	3.73	1.32	5.43	2.65	3.45	2.55	1.41	1.30	2.65	2.759
March	1.10	5.66	3.56	4.50	4.20	1.65	5.00	1.65	3.00	1.79	3.211
April	2.25	1.38	4.90	1.68	1.41	2.83	.87	1.74	1.86	5.47	2.439
May .....	.77	2.53	1.88	1.62	1.48	3.95	3.77	.60	1.54	.89	1.903
June	1.90	2.95	4.25	2.05	.46	1.08	1.05	.65	2.00	1.48	1.787
July	5.37	2.65	3.92	6.50	4.44	.98	4.85	1.72	2.59	2.75	3.577
August .....	.80	2.75	3.30	5.45	1.75	2.50	1.32	2.37	1.55	7.03	2.882
September	2.86	4.25	3.50	3.48	2.10	4.33	1.66	2.37	1.05	.48	2.608
October	3.12	5.95	5.20	1.75	3.63	2.69	4.81	1.54	1.56	3.04	3.329
November	3.40	4.05	5.12	2.11	2.13	3.12	2.13	3.66	5.78	.48	3.198
December	1.68	2.63	6.18	2.15	2.25	.87	2.97	2.55	3.06	1.48	2.582
TOTALS	27.43	39.95	44.51	41.02	30.37	29.84	33.68	22.88	28.64	28.92	32.724

1880. Fettercairn 300 yards

E.

1882 Fruit bushes 2 ft high 3 ft 3

RAINFALL AT *Fettercarn* *Manse*

Lat. _____

Lon. _____

County of *Kincardine*

Rain Gauge, by _____

Observer

A. C. Cameron Esq. LL.D.
Rev. W. Anderson

North Side - 1.

Diameter	5							5			
Height	0 4							0 0		2	
Altitude	237 <i>M</i>							230 <i>T</i>			
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	3.24	1.73	2.34	2.20	3.08	3.54	(.90)	1.11	.80	4.60	
February	1.74	.24	2.75	3.53	5.04	.72	(1.10)	1.13	1.91	3.03	
March	2.28	1.82	1.33	.42	.82	3.33	(2.00)	4.69	1.34	3.60	
April .....	.57	.70	1.32	.75	1.37	1.12	(1.30)	1.79	8.31	3.50	
May	2.55	1.09	3.50	1.82	4.48	.61	(1.70)	1.78	2.21	3.53	
June	2.24	.45	2.94	3.04	2.11	2.10	(2.10)	3.81	.99	2.63	
July	2.72	3.13	2.47	2.44	2.94	4.75	(3.60)	1.55	.81	2.50	
August	3.33	4.87	3.13	3.21	5.53	(4.30)	(1.70)	3.84	2.98	1.24	
September....	1.23	6.97	2.35	3.02	.31	(1.15)	(3.80)	2.26	1.54	3.57	
October	2.32	3.10	5.34	2.18	3.94	(2.70)	(3.50)	2.26	4.19	.94	
November....	4.48	4.31	3.04	3.45	1.54	(4.95)	(1.20)	2.33	5.65	2.39	
December	2.13	2.18	.72	1.98	2.64	(3.90)	(1.10)	4.24	2.24	2.86	
TOTALS	28.83	30.59	31.23	28.04	33.80	33.17	(29.50)	30.79	32.97	34.39	(31.33)

1890 Fettercarn Church 250 yds E

Hedge 4 ft high 12 ft NW

Manse 28 ft 28 ft N.

1895 Aug to Sept & 1896 Computed from
Johnstone Lodge & The Burn

RAINFALL AT Fettercarrie Manse Schoolhouse from 1-1-1884

Lat.

Lon.

County of Lincolne

Rain Gauge, by

Observer Rev W. Anderson

North side of - 1.

D. J. Young (09)

Diameter ..	5										
Height	0	2								1	0
Altitude ..	230	T									
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	4.34	(2.97)	1.00	3.72	1.67	.53	2.52	.82	2.69	1.53	2179
February ..	4.25	2.09	1.91	3.16	4.85	1.61	2.26	2.25	1.07	.54	2399
March	2.90	1.87	1.12	3.20	2.03	4.07	1.48	1.68	4.50	7.13	2098
April	2.37	2.86	2.57	1.86	1.63	3.19	1.38	2.39	1.43	3.25	2293
May	2.31	1.64	3.03	1.57	2.49	1.58	2.35	6.51	1.34	2.06	2188
June	3.01	1.70	2.05	2.34	.66	.51	.55	4.92	1.18	1.88	1880
July	4.26	1.11	2.94	5.14	1.41	1.75	1.90	2.05	2.80	5.02	2838
August	3.95	3.35	2.40	3.96	4.61	3.60	4.38	3.00	3.51	1.84	3460
September ..	2.96	1.92	1.96	3.54	3.38	1.71	1.09	1.31	3.91	.97	2275
October	3.04	2.51	1.40	6.42	1.14	2.63	6.73	4.16	4.24	2.24	3451
November ..	4.76	1.73	5.23	1.18	1.30	6.35	4.83	2.23	2.22	1.12	3095
December ..	4.61	4.17	4.87	4.19	2.91	1.40	3.73	3.97	4.66	4.73	3924
TOTALS ..	42.76	(27.92)	30.48	40.28	28.08	28.93	33.20	35.29	33.55	32.31	33280

1901 January Snow estimated

1906 May small & Dec. Snow

1908 Laurencekirk Station

1909. G. moved 200 yds. NW. to Schoolhouse on Dec. 1.

Fettercarrie Church 200 yds SE.

Laurencekirk Station 5 miles E.

RAINFALL at Fettercairn, Police Station.County of Lincolshire Observer Mr. A. MackenzieRiver Basin North Esk & C. 1.Snawdon Rain Gauge, by _____

Diameter ...	5											
Height	1	0										
Altitude ...	230T				235							
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.	
January ...	2.36	1.62	5.16	5.41	1.82	3.41	1.90	2.78	2.98	4.10		
February ...	3.10	1.01	3.85	1.11	3.34	6.33	3.21	1.31	3.12	2.00		
March	1.53	2.52	2.09	5.26	4.21	1.89	3.33	3.01	2.00	2.48		
April	2.85	1.88	.37	3.26	.65	.96	2.40	1.30	.61	3.57		
May	2.24	1.55	1.44	5.20	2.77	.91	3.36	2.31	3.30	1.13		
June	1.73	2.21	2.31	2.45	.83	.53	2.77	1.37	1.30	.93		
July	2.61	2.71	2.07	.69	2.52	4.14	6.70	1.11	5.80	.72		
August	7.82	1.32	4.93	1.53	1.77	2.20	3.89	5.72	2.06	5.20		
September ..	1.10	1.43	3.21	4.09	1.07	1.93	1.23	3.14	3.89	1.57		
October ...	2.58	2.74	4.81	2.02	3.53	5.00	5.91	3.72	2.51	3.08		
November ..	4.29	4.16	3.02	1.59	3.91	3.45	5.31	3.01	2.54	4.77		
December ...	3.39	7.57	2.86	1.56	6.83	8.65	5.64	.86	2.56	6.60		
TOTALS ...	36.10	30.72	36.12	34.17	33.35	39.40	45.65	29.64	32.67	34.63		

up D

1910. Nov. 1. moved 50 yards S.

1913 Hedge 4 ft high 25 yards N

1919 Home 24 ft. > 35 ft. N.

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1911.			Lanercost	5 mls.	SE.	Fettercairn	300 yds (1912)	SE.
1919				4 1/2 mls.	SE.		150 yds.	SE.

RAINFALL at Fettercairn, Police StationCounty of GlencardineObserver Mr J. F. BrownRiver Basin North Esk & G. I.Snowdon Rain Gauge, by _____

Diameter ...	5"			5							
Height	1 0			1 0							
Altitude ...	235			235							
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	MEANS.
January ...	2.61	2.00	5.17	2.66	4.12						
February ...	1.73	.57	4.01	9.31	1.47						
March	2.61	2.17	2.42	1.87	.87						
April	2.67	.97	2.43	2.40	2.61						
May	3.72	2.01	.84	4.53	5.01						
June .....	.95	.79	1.80	.61	1.30						
July	2.94	1.94	3.16	1.37	4.71						
August	4.04	1.98	2.17	4.64	3.88						
September...	1.89	1.25	3.66	2.95	4.37						
October	4.60	1.39	1.51	3.44	4.80						
November...	2.60	3.27	2.20	2.80	(2.50)						
December...	4.30	1.38	2.17	4.01	(4.00)						
TOTALS...	34.66	19.78	31.54	41.59	(39.70)						

1924 Nov. & Dec. noted from Snowdon station.

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 from gauge	Parish Church.	Distance from gauge	Direction from gauge
1920			Lanercost	5 mi	E.S.E.	Fettercairn	200 yds	E