

RAINFALL AT West GrangeJohn J. Dalquist Patterson

Life.

Rain { By
 Gauge } in.

Height above Ground, ft. 2 in.

Above Mean Sea Level, 116 ft.

Forth, L. Bank - 1.

YEAR	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS
January						3.90	4.28	2.58	5.97	4.12	
February						5.15	4.10	.97	2.88	2.35	
March						1.52	1.45	.81	1.72	.30	
April80	.95	1.92	1.60	.78	
May						2.80	1.14	1.27	2.33	.38	
June63	1.50	1.75	.92	2.47	
July						3.33	2.28	2.47	.95	1.53	
August						4.43	3.22	3.32	4.65	1.46	
September36	2.77	1.97	2.52	4.37	
October						5.45	1.33	1.80	1.45	2.78	
November ...						3.35	1.71	.58	.97	2.50	
December.....						1.60	3.04	1.20	4.22	3.82	
TOTALS.....						33.21	27.77	20.64	30.8	26.86	

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65 Buchanan

RAINFALL AT Culross, Next. Grange.

Lat..... Long..... County of R. A. Tife.....Rain Gauge, by..... Observer John J. Dalgliesh, Esq.
Forth, L. bank - 1.

Diameter5										
Height	2										
Altitude	116										
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....	1.20	1.95	5.06	4.39	3.09	7.65	3.44	7.67	4.20	1.86	4.051
February	1.80	5.48	2.92	1.43	5.55	1.21	4.24	3.54	1.71	3.70	2.688
March60	2.60	2.28	.96	2.09	2.05	5.19	2.05	1.20	3.72	2.274
April	-.30	6.75	.80	.00	2.18	.99	4.25	3.26	1.72	2.08	2.213
May	2.95	.68	4.40	1.36	9.41	4.47	1.12	2.51	4.10	2.76	2.229
June.....	2.00	2.05	7.56	2.88	5.7	3.21	3.18	3.05	3.50	5.19	3.319
July	2.12	4.47	3.44	6.16	3.67	2.63	2.19	4.27	.69	4.03	3.364
August.....	1.20	3.03	6.59	5.41	7.31	2.17	4.25	7.97	3.51	5.52	4.696
September.....	2.43	1.10	6.75	3.92	2.39	3.20	3.54	2.15	3.92	4.08	3.348
October.....	5.18	4.31	3.51	6.64	3.93	5.33	5.73	5.81	3.40	2.09	4.573
November.....	.80	3.32	7.57	2.14	4.31	3.30	4.04	4.25	2.57	1.91	3.415
December.....	4.32	3.85	2.98	2.15	1.66	3.58	1.02	3.85	1.41	2.57	3.739
TOTALS.....	24.90	39.59	53.80	37.44	32.69	36.59	52.19	50.38	31.93	39.51	39.902

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RAINFALL AT Cubress West Grange

Lat.

Lon.

County of Fife

Rain Gauge, by

Observer J. J. Dalgleish Esq.

Forth, L. bank - 1.

Diameter	5										
Height	0.2										
Altitude	116 ft										
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January	2.09	.90	3.47	2.85	4.71	2.31	3.38	1.37	1.83	1.19	2.410
February	3.22	5.16	5.33	1.27	2.44	3.02	.97	2.42	.79	1.69	2.628
March	3.30	3.43	5.42	1.56	1.71	.98	1.95	2.09	3.92	1.26	2.562
April	3.28	1.77	4.24	1.08	.96	2.48	1.22	2.34	1.86	2.56	2.179
May	1.01	3.86	2.60	1.51	2.92	3.58	3.62	.83	2.53	3.86	2.630
June	1.71	2.72	3.36	2.34	.81	1.55	1.20	.58	2.52	.45	1.724
July	5.32	7.12	5.50	5.53	5.36	1.12	3.69	3.18	4.25	2.21	4.328
August	1.12	5.87	4.62	3.93	1.84	2.84	2.09	3.13	2.43	4.81	3.218
September	3.05	3.20	3.22	2.05	2.46	4.60	4.02	3.61	.99	.64	2.784
October	1.56	4.28	4.11	3.95	2.31	2.26	6.66	1.68	1.65	3.04	3.149
November	6.06	5.03	6.90	5.15	3.41	1.49	2.92	3.85	5.98	1.17	4.196
December	2.07	2.63	2.65	3.26	5.58	1.75	4.02	1.99	2.70	1.70	2.835
TOTALS	33.79	45.47	51.42	34.48	34.48	27.95	35.74	27.07	31.45	24.58	34.613

RAINFALL AT Culross West Grange

Lat.

Long.

County of

Forth Fife

Rain Gauge, by

Forth, L. Banker I.

Observer

J. J. Dalgleish Esq

Diameter	5"										
Height	0.2										
Altitude	116 ft										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	2.22	1.92	1.72	1.36	4.09	1.61	+50	1.50	1.82	6.41	
February53	.52	2.02	3.07	8.48	.54	2.16	1.87	2.32		
March	2.21	3.33	.85	1.78	2.65	1.82	4.52	4.52	1.61	2.97	
April68	.99	.65	.98	1.43	1.06	+6	1.06	2.43	3.37	
May96	1.58	3.12	1.99	2.45	.29	+7#	1.74	2.26	4.64	
June	1.13	.45	3.91	1.45	2.87	.56	5.28	5.28	2.11	1.86	
July	2.36	2.09	1.78	2.02	2.67	3.08	+44	1.44	1.55	2.64	
August	2.65	5.21	5.83	2.14	5.03	5.23	5.88	5.38	3.98	.98	
September....	4.23	4.50	2.29	1.17	.05	.77	2.43	2.43	4.12	2.48	
October.....	2.17	2.08	3.58	2.72	3.32	1.02	+37	1.37	5.44	3.42	
November....	5.04	2.47	2.12	1.57	3.25	2.29	2.79	2.79	4.84	3.32	
December....	1.51	5.12	1.68	3.28	2.16	2.19	4.47	4.47	5.18	3.40	
TOTALS	25.69	30.26	29.55	23.53	38.45	20.46	34.14	34.14	37.21	37.81	(31.364)
						30.00	25.00				

1895 Record about ten inches short. A new Gardener allowed the gauge to get out of repair 1896 Bad also

RAINFALL AT Lubross Westgrange (Brankston Grange)

Lat. $56^{\circ} 4' 34''$

Lon. $3^{\circ} 38' 6''$ County of Fife

Rain Gauge, by

Observer

F.M., L bank - 1.

J. J. Dalgleish Esq

Diameter ..	5									
Height ..	0 2									
Altitude ..	116 ft									
Year ..	1900	1901	1902	1903	1904	1905	1906	1907	1908	MEANS.
January ..	4.06	1.87	1.78	6.22	2.30	1.16	3.33	1.74	3.61	4.19
February ..	2.94	1.07	1.66	5.74	3.14	1.18	1.78	2.28	1.67	1.39
March ..	1.34	2.08	1.91	6.47	1.68	3.87	1.82	2.65	3.43	3.45
April ..	1.62	1.93	1.02	1.13	3.33	1.68	1.05	1.13	1.03	3.34
May ..		1.37	1.69	1.91	2.75	1.77	4.67	2.81	2.70	2.98
June ..	(12.00)	2.35	2.21	2.68	1.59	.95	2.08	4.65	1.58	1.82
July ..		1.45	3.35	6.19	1.70	3.27	1.58	3.05	2.99	2.80
August ..		4.09	2.42	4.20	5.19	2.65	4.57	3.97	1.63	3.69
September ..	3.45	1.63	1.61	2.86	2.11	1.47	1.71	1.47	6.41	1.98
October ..	4.51	2.70	1.48	6.39	1.97	2.15	4.86	5.61	1.76	3.74
November ..	4.94	2.36	1.67	1.43	1.02	3.96	3.62	1.79	2.43	1.05
December ..	4.82	3.43	3.33	1.80	4.35	2.59	1.44	3.46	2.48	3.87
TOTALS ..	(39.68)	26.33	24.13	47.02	31.13	26.70	32.46	34.61	31.72	34.30 (32.808)

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1900 May to August No observations gauge stolen

1905 Boyndie Station

13.V.09 Brankston Grange is the name of the house, Westgrange of the Estate.

1900 Part estimated for Glasgow Water Tm. 1913

RAINFALL at Culross, Westgrange

County of Fife

Observer J. J. Dalgleish Esq.

River Basin Firth, Lower, - left bank trib 1.

Rain Gauge, by

Diameter ...	5										
Height	20	0	2	20		2					
Altitude ...	116	m									
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MREANS.
January ...	3.59	1.14	2.26	3.02	2.77	1.77	3.68	1.74	3.25	3.17	
February ...	3.12	3.15	2.30	1.93	2.88	3.49	3.76	1.59	3.54	1.48	
March	1.57	1.97	4.13	3.69	3.34	2.04	2.67	1.32	1.21	2.81	
April	2.54	1.29	.41	2.40	1.55	1.75	2.10	1.85	.76	2.09	
May	1.26	1.39	1.51	2.26	2.50	1.46	3.10	2.22	2.32	.87	
June	1.12	1.32	3.68	2.31	.75	2.68	2.73	2.33	.77	1.83	
July	4.54	2.64	1.89	.69	2.99	4.74	4.07	1.85	2.72	.97	
August	6.32	1.45	3.43	1.69	3.68	3.62	2.17	4.85	2.25	2.39	
September ..	.97	1.72	1.77	2.29	1.09	2.36	1.08	2.01	4.43	1.87	
October ...	1.94	2.71	2.64	1.84	1.72	3.45	5.27	3.35	3.55	1.60	
November ...	3.12	3.90	2.25	3.38	3.81	1.79	4.20	3.77	2.04	4.29	
December ...	2.24	2.42	5.22	2.48	5.30	4.51	3.31	2.64	2.66	4.72	
TOTALS ...	32.33	25.10	31.49	27.98	32.38	33.66	38.14	28.52	29.50	27.52	
	D	D	D		D	D	D	D	D	D	

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Date.	Lat. N.	Long. W.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1911.			Bogside	1/4 mile	S.			
1912	56° 4' 43"	3° 38' 43"						

RAINFALL at Culross, West Lothian (1920) { Brankston Grange (1921)

County of Fife

Observer J. J. Dalgleish

River Basin Forth, Lower 1

Bro. Dalglish (1921).

Howard Rain Gauge, by

J. P. Dalglish, 1924.

1924. Small free house. 10 ft. by 19 feet., N.E.
1924. Brantham Grange is a house on the estate of "West Grange," and all records which have
appeared in B.L. under either name were taken at Brantham Grange.

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	Parish Church.	Distance from gauge	Direction
1920	56° 4' 43"	3° 38' 43"	Bogside	1/4 mi	S			
1921	56° 14'	3° 75'	>	3/4 >	W	Culross	3 mi	S.