

RAINFALL AT Davidson's Mains Broomfield

Lat.

Lon.

County of

Edinburgh

Rain Gauge, by

Observer

M. G. Garton

Almond &c - 5.

Garden
New Road

Diameter										5
Height 10
Altitude										42
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899 MEANS.
January					2.64	1.69	.84	.65	.72	3.66
February					6.32	.31	.64	1.24	.82	1.25
March					1.59	1.72	1.64	2.55	1.07	1.85
April					1.48	.98	.86	.68	1.56	2.51
May					2.59	.88	.47	1.16	1.61	3.27
June					2.41	3.77	3.09	3.60	1.41	1.40
July					2.58	4.41	4.11	1.58	1.07	3.19
August					4.70	5.23	1.56	2.87	3.03	.56
September40	.57	3.79	1.67	2.06	3.02
October					2.84	2.87	2.55	.94	3.09	1.16
November					1.52	2.40	.42	1.78	3.16	2.53
December					1.44	2.29	3.09	2.21	1.65	2.20
TOTALS					30.51	27.12	23.06	20.93	21.25	26.60

1899 Gramond church 2 Miles W

House 45 ft high 60 ft S E

Shrub 8 . . 54 " S

RAINFALL AT *Davidson's Mills, Broomfield*

Lar-

Lxx.

County of

Edinburgh

Rain Gauge, by

Observer Mr. C. Comfort

Almond & C - 5.

Diameter	5									
Height	0 10									
Altitude	424									
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909
	MILES.									
January	3.19	2.01	1.40	4.16	2.35	.90	2.93	1.02	2.70	2.44
February	2.80	1.25	1.01	4.62	2.47	1.02	.68	1.32	.94	1.14
March	1.36	1.62	.98	4.68	1.50	2.77	2.02	1.78	3.42	3.68
April	1.38	1.43	1.36	1.01	2.25	1.38	.72	1.26	1.41	2.54
May	1.23	1.87	2.37	1.21	3.03	.85	5.89	2.42	2.24	2.09
June	3.05	2.16	2.54	1.58	1.83	.83	1.57	2.43	1.12	1.36
July	3.40	1.01	3.02	4.37	1.44	2.84	1.41	2.63	2.88	2.97
August	4.18	3.57	1.32	3.52	4.62	2.51	4.60	3.49	2.07	1.90
September	1.98	.90	1.10	1.95	1.45	1.51	.55	1.10	2.60	2.02
October	4.34	1.65	1.24	5.73	.92	1.96	5.33	7.66	1.04	3.85
November	4.78	2.73	.81	1.49	.83	3.36	3.43	1.21	1.76	1.03
December	4.08	3.01	1.76	1.35	2.65	1.66	1.31	3.28	.55	3.02
TOTALS	35.77	23.21	18.91	35.67	25.34	21.59	30.44	29.60	22.73	280427130 554

1900 Cramond Church 2 miles w

House 45 ft high 60 ft S E

Shrubs 8. " 54. 8

1903 Davidson's Mann's Station 1 miles S. W.

RAINFALL at Davidson's Mains, Broomfield.

County of Midlothian Observer Mr. Chas. Comfort
 Almond & C. 5.
 River Basin ~~Firth of Forth R. backtrib. 3.~~

Rain Gauge, by

Diameter ...	5										
Height	0	10									
Altitude ...	42	L									
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	2.76	.73	.98	2.17	2.45	1.09	2.69	1.53	2.18	2.52	1900
February ...	2.17	2.09	1.56	1.19	1.50	1.79	3.38	.57	2.48	1.74	1847
March87	2.29	2.01	2.33	2.92	1.18	2.82	1.13	.69	1.13	1736
April	3.03	.97	.25	1.87	.72	1.00	1.76	1.43	.52	2.06	1361
May	1.55	1.09	1.16	1.39	1.81	1.27	3.53	.97	2.63	.55	1595
June67	1.49	2.76	1.52	.67	1.28	2.37	1.17	.39	1.20	1352
July	3.40	1.21	2.46	.58	2.94	2.24	5.71	1.28	3.09	.99	2390
August	3.76	1.03	4.24	1.06	2.16	4.28	4.53	3.99	1.59	1.90	2854
September57	.97	2.29	2.59	.57	2.01	1.02	.84	3.65	1.91	1642
October ...	2.10	2.37	2.25	1.11	1.35	2.33	5.16	1.97	2.64	1.90	2318
November ...	2.35	3.81	1.72	1.91	2.79	1.07	2.58	2.24	1.30	4.36	2413
December ...	1.25	2.02	3.11	1.49	3.00	4.67	2.36	1.55	1.71	2.92	2408
TOTALS ...	24.48	20.07	24.79	19.21	22.88	24.21	37.81	18.67	22.87	23.17	23.816

D D D D D
 1914 stone 45 ft. high 60 ft. S.E., shrubs 10 ft. 6 in. high 54 ft. S.

Date.	Lat. N.	Long. W.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1911			Davidson's Mains	1 mile	SW.	Gramond	1½ miles	
1913	55° 58' 59"	3° 16'						W.

RAINFALL at Davidson's Mains (Broomfield)County of MiddlethiaObserver Mr. E. ComfortRiver Basin 5 Almond &c.J. J. Balfour-Mainville (1921).

(1926) N.W.O. Rain Gauge, by _____

Diameter ...	5										
Height	0.10										
Altitude ...	42										
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	<u>MEAN.</u>
January	2.47	3.54	1.86	1.19	2.02	2.25	2.76	1.82	3.61	.88	2.67
February	2.49	4.48	1.83	2.46	.56	2.61	2.94	1.13	2.82	1.02	.49
March	1.86	2.44	1.30	1.50	1.00	1.86	1.38	1.58	1.53	2.3	2.25
April	1.66	1.66	1.39	1.93	1.17	2.16	1.08	1.37	.64	1.30	1.07
May	2.22	1.30	1.18	1.11	4.09	3.47	2.49	1.72	1.11	1.57	1.29
June	1.49	28	1.68	.97	1.60	.37	2.90	3.02	3.55	1.85	1.67
July	2.40	2.18	2.83	2.02	3.65	1.54	2.37	2.69	1.86	1.89	3.71
August	2.85	4.79	1.45	4.18	2.28	2.78	1.85	6.57	4.17	4.23	6.14
September	1.26	1.78	1.52	1.61	2.71	3.50	3.74	6.59	2.31	2.1	3.76
October	89	3.75	2.03	1.53	3.36	1.98	3.30	3.09	2.97	2.56	2.84
November	1.96	1.32	.98	2.66	1.16	.89	3.80	1.29	2.39	3.23	3.24
December	2.00	2.69	2.52	2.07	3.12	2.62	.55	1.39	2.27	3.34	1.73
TOTALS	25.53	25.21	20.57	22.23	26.72	26.03	29.16	32.26	29.23	22.28	30.86
	D	D	D	D	D	D	D	D	D	D	D

1920. House 45 ft. 60ft. E.E.
Shrubs. 11 .. 54 .. S.

Position of Station on reduced Ordnance Survey } No. of Map				Reference No.			
Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge
1920.	55° 55' 51" N	3° 16' E	Davidson's Mains	1 mi. S.W.		Etamond	1.5 m. W.

RAINFALL at Davidson's Mains (Broomfield)County of MiddlesexObserver J. I. Balfour-MelvilleRiver Basin S. Almond &cType of Gauge M.Q.Annual Average 25.0 in. based on 39 years obs. un-weighted. Period of average 1881-1915 Ref. Sunbury
Computed x 1/36

Diameter	5'										Means
Height	0' 10"										
Altitude	421'										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	
January	2.18	2.52	2.19								
February	1.57	.18	1.41								
March	1.53	2.42	.88								
April	2.35	1.58	1.47								
May	2.87	3.10	1.56								
June	4.37	1.07	1.79								
July	3.69	1.63	4.84								
August	4.50	.36	1.03								
September	1.39	2.30	1.37								
October	1.34	5.36	2.26								
November	3.79	1.67	1.32								
December	.89	3.98	.61	#							
TOTALS	30.47	26.17	20.73	n.r.							
	D.	D.	D.								

1931. House 45' high 60° S.E. Shrub 12' high 54° S.
Station remeasured 10/138 (see enc. 45A p. 7279+7/38)

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
1931.			Davidson's Mains	1m.	S.W.	Bramond	1/2m	W.

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