

## RAINFALL at Oxenfoord Castle Gardens.

County of Midlothian.  
Dyne - 2  
River Basin South of Lothian.

Observer Mr. A. B. Scott.

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

Diameter ...										5	
Height .....										1 - 2	
Altitude ...										450	
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	M.EANS.
January ...										2.73	2.03
February ...										.88	1.82
March .....										3.32	5.46
April .....										1.15	2.22
May .....										2.24	1.69
June .....										.91	1.47
July .....										4.30	3.47
August .....										1.24	2.00
September ..										2.38	2.61
October ...										.98	3.58
November ..										1.20	.34
December...										.23	3.25
TOTALS ...										21.56	29.94

1908-1913 recd 1.m.15 entd. 16.1x.15,

Sundial 4 ft. high 10 ft. N.W., Apple tree 7 ft. high 12 ft. N.E.

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1908			Dalkeith	4 m.	N.W.	Chandtown.	250yds	W

RAINFALL at Oxford Castle Gardens.

*County of* Midlothian

Observer Mr. A. B. Scott  
Date B.B. Ness.

River Basin List of Fort 2  
Zone - 3

*Rain Gauge, by*

Diameter ...	5										
Height .....	1	2									
Altitude ...	450										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	2.34	.95	2.71	1.82	.88	1.68	2.75	3.44	2.17	3.13	2183
February ...	2.97	1.53	1.85	1.09	.92	2.60	4.59	6.3	2.64	1.63	2045
March .....	.88	1.42	.81	2.53	.85	1.59	3.35	1.47	.91	2.26	1607
April .....	3.26	1.28	.48	1.52	.75	1.04	2.77	2.90	.92	4.19	1911
May .....	1.51	.84	2.85	2.15	1.90	1.25	3.72	2.08	2.71	1.08	1959
June .....	.92	3.45	7.39	1.10	2.20	1.27	3.34	1.96	.49	2.01	2413
July .....	3.76	.97	1.23	.14	2.34	4.33	4.54	1.92	4.20	.94	2437
August .....	4.03	.86	4.58	.35	1.30	4.01	5.30	5.76	1.51	2.22	2992
September ...	.67	1.07	1.15	1.78	.88	2.28	1.66	2.42	4.52	2.62	1905
October ...	3.07	3.34	4.01	1.27	1.13	1.16	4.12	2.96	3.37	2.73	2716
November ...	3.01	4.04	2.46	1.72	3.02	1.30	3.75	1.84	1.95	5.63	2872
December ...	1.39	2.37	2.52	.92	4.46	3.97	2.69	1.99	1.84	3.72	2587
TOTALS ...	2781	22.12	31.54	16.39	20.63	2648	42.58	29.37	27.23	32.16	27631

1908-1913 rec'd 1.m.15 entd. 16.IX.15

Sundial 4 ft. high 10 ft. N.W., apple tree 7 ft. high 12 ft. NE  
Total 19 1/4? small

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1910			Dalkeith	4 m.	N.W.	Shanstown	250 yds	W.

## RAINFALL at ~~Oxford~~ Castle Gardens.

County of Madison  
Madolifton.

Observer H. C. Scott

River Basin

## 2. Fifth of Tenth

(1926) D.M. Welsh

(محل) ۴۸۰

*Rain Gauge, by*

Diameter ...	5										
Height .....	1.2										
Altitude ...	450										
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	
										M.B.A.N.K.	
January .....	2.23	4.71	3.11	9.5	1.86	2.93	2.84	1.67	4.08	4.45	2.44
February .....	2.56	9.3	1.79	3.15	1.00	3.74	2.40	1.76	1.96	.87	.52
March .....	2.11	2.30	1.68	9.9	8.4	2.60	1.86	1.62	2.23	9.8	1.45
April.....	2.48	6.6	1.59	1.58	9.0	3.21	2.09	1.05	.55	1.60	1.54
May .....	2.91	1.74	1.07	2.35	4.35	3.70	2.65	1.58	.86	1.04	1.58
June .....	.78	.39	2.06	1.04	1.85	.71	3.39	3.30	4.92	2.62	1.64
July .....	2.67	2.40	3.87	2.47	4.23	1.41	3.11	2.43	2.32	2.13	3.82
August .....	5.75	4.53	1.34	4.24	2.51	3.96	2.13	6.42	3.11	3.67	6.08
September...	1.52	2.70	2.00	1.62	3.19	6.13	3.97	7.67	1.63	.22	3.67
October.....	1.35	3.80	2.28	2.28	2.78	1.83	3.20	2.79	2.86	2.06	2.21
November...	2.21	1.23	1.39	4.25	1.02	.72	2.65	1.90	2.79	2.32	4.46
December...	2.57	2.63	2.60	2.58	2.96	3.40	.52	1.43	1.31	4.17	1.79
TOTALS...	32.14	28.02	24.78	27.50	27.49	34.34	30.81	32.62	28.62	2188	31.20
	0	3	7	7	P	D	D	D	P	D	D

1927. Sundial 4 ft. high 10 ft. N.W.  
Apple Tree 7 " 12 " E.

*Position of Station on reduced Ordnance Survey Map, 2 miles 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
1910			Dalkeith	4 m.	N.W.	Chamerton	250 yds.	W.

## RAINFALL at Oxford Castle Gardens.

County of Midlothian

Observer D. M. Welsh.

River Basin 2-Tyne.

Type of Gauge M.O.

27.4

18

Annual Average 26.4 in. based on 25 years obs. un-weighted. Period of average 1881-1915. Ref. Summary.  
adapted for use in S.E. 4/29 GB

Somerset x/1/26

Diameter	6"											
Height	1' 6"											
Altitude	409											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	
January	2.17	2.58	1.29	1.43	1.11	3.20	3.43	3.19	4.81	1.06		
February	1.73	.50	1.51	.07	1.72	2.64	3.88	.98	1.21	1.21		
March	1.19	2.66	.52	3.65	.56	2.50	3.63	.54	2.79	2.61		
April	2.28	2.09	1.48	3.97	3.17	1.52	.95	.24	1.35	1.83		
May	2.44	2.49	1.90	2.41	1.03	.74	2.96	3.98	82	1.73		
June	5.12	1.20	1.44	2.01	2.92	1.35	1.05	4.24	1.68	.52		
July	3.85	2.35	3.98	2.70	.97	5.08	4.25	2.50	1.99	8.32		
August	8.24	.50	.79	3.53	2.05	1.41	3.39	1.19	.96	.82		
September	1.56	2.58	3.08	1.35	2.66	3.11	2.53	2.65	1.42	2.81		
October	1.38	6.21	1.89	3.98	6.44	1.93	3.63	4.89	3.15	2.70		
November	3.58	1.52	2.15	3.42	3.44	2.45	.65	3.65	3.27	4.04		
December	1.11	4.31	1.44	3.51	1.10	1.95	4.33	2.57	.73	2.29		
TOTALS	34.65	28.99	21.47	32.03	27.79	27.88	34.68	30.62	24.18	29.94		
	D.											

1933 Apple tree 8' high 12° E.

Sundial 4' high 10° N.

1938 Apple tree 10' high 28° SE + 28° SW.

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
			Dalkith	4m	N.W.	Grangeston	300yds S.W.

Station No. 541

## RAINFALL at Oxford Castle Gardens

County of Midlothian

Observer N<sup>o</sup> D. M. Webster

River Basin 2 - Tyne

Mr. C. MacKenzie (1946)

Type of Gauge



Annual Average 27.4 in. based on 15 years obs. un-weighted. Period of average 1881 - 1915 Ref. Survey.

M

File No.

Diameter	5"			902	377						
Height	1' 6"					1					
Altitude	409'					41					
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	2.17	3.52	2.18	1.81	3.94	1.77	3.27	5.55			
February	4.93	1.13	1.54	1.40	2.48	1.02	1.50	1.98			
March	2.81	1.05	1.34	.53	.98	2.07	3.13	.76			
April	1.33	1.39	1.11	1.50	1.07	.45	3.66	-100			
May	2.46	1.09	3.17	2.62	4.51	1.80	2.96	7.28			
June	0.73	1.07	1.73	2.23	1.46	1.45	3.10	-100			
July	2.86	3.01	2.84	2.19	1.79	3.01	2.16	2.12			
August	4.39	2.05	3.11	3.29	3.62	3.89	.25	-100			
September	1.02	1.94	1.30	4.90	2.96	3.30	1.22	-100			
October	3.40	3.02	2.63	2.69	2.65	.80	-100	-100			
November	2.66	.65	.94	5.89	.48	3.97	-100	-100			
December	.81	(1.29)	.64	2.47	2.01	2.11	-100	-100			
TOTALS	29.57	21.21	22.77	31.52	27.95	25.64	-100	-100			
	d	d	d	d	d	d	d	d			

1942 Dec carried by nearby 6ins.

1947 No Daily readings for Aug. Measuring glass broken no records Oct-Dec.

1948 Gauge moved to Ford (5110/4).

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

BRITISH RAINFALL ORGANIZATION

Station No. 5111

51

## RAINFALL at (Oxford Castle) gardens.

County of Middlesex

Observer Tony Morrissey Dulaysdale

River Basin 3. Firth of Forth

District Councils of Eglinton and

Type of Gauge Standard

Winton

Annual Average..... in. based on..... years obs. un-weighted. Period of average..... Ref.....

File No. ....

Diameter ...	5"										
Height ...	1' 0"										
Altitude ...	409'										
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	2.36		1.96	1.87	1.52						
February ...	.36		1.20	1.45	(1.98)	2.12	1.64	.57	2.26		
March ...	1.34		1.27	1.38	1.63	(1.36)	1.36			1.24	
April ...	1.61		.90	(.30)	(.70)					NR	
May ...	(2.00)		5.82	1.69	.44	1.17	1.54	.72	1.15		
June ...	2.71		2.38	.47	2.20	1.19	2.00	2.84	1.15		
July ...	2.44		2.09	2.05	4.66	3.81	5.75	2.18	NR		
August ...	2.86		5.56	(.70)	(8.00)		2.67		NR		
September ...	1.90		3.00	(1.50)	(3.13)					Imp.	
October ...	1.45		5.17	(1.66)	1.42	1.85	1.69	1.75	3.04		
November ...	2.66		2.91	(.80)	.73		.93	4.86	2.88		
December ...	1.41		2.72	(3.15)	2.66					2.36	
TOTALS ...	23.15 d		34.98 d	17.72 NP np.p. np	(29.09) in np.in np.in np					Imp. Imp. imp. imp. np	

1952. Terminated. Records unreliable. Resumed 1954 gauge moved from gardens to near castle.

1955 np too much est. Ins. 18.10.60 J. Shaw. Q. Sound but diameters only 446x440 (probably in 1952)  
 1956 np T ME (i.e. catch will be 3% less). O/S to WNW large tree  
 1958 np inc 20° elev 38° O/E NNE-SE - slopes down 30° in this sector  
 1959 np inc Best compromise site. Observing system (Senior pupils) not very sat.

1960 no inc.

Position of Station on Ordnance One-Inch map : No. of Map ..... National Grid Reference 36/387.627.

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

Summary of Earlier Records from 10-year Sheets :

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