

RAINFALL AT Meigle, Arthursstone

70

Lat..... Lon..... County of Perth.....

..... Rain Gauge, by..... Observer R. Carmichael.....

July, 1875.

Diameter .....				.5							
Height		1.	2.3								
Altitude		187	187 ^{ft}								
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....				2.48	2.16	5.13	1.29	5.07	1.29	1.66	
February.....				1.98	.86	1.47	3.45	1.91	1.94	3.59	
March				1.64	1.84	1.74	2.24	1.79	1.05	3.35	
April.....				.40	1.34	1.08	3.14	2.63	1.63	1.74	
May.....				2.63	2.18	1.05	.28	3.04	3.79	2.19	
June.....				1.28	1.42	2.76	3.07	3.61	2.57	3.45	
July.....				4.22	3.16	1.96	1.09	4.42	1.60	2.80	
August.....				2.60	5.51	2.20	2.69	5.40	4.53	4.13	
September.....				3.26	2.76	3.14	2.73	2.31	2.65	3.03	
October.....				2.87	3.28	5.71	4.51	4.47	2.88	.86	
November.....				1.14	2.60	4.48	4.59	4.31	1.32	1.37	
December.....				2.18	2.26	3.12	9.80	3.35	1.29	1.20	
TOTALS.....				42.15	26.82	29.37	33.84	38.88	42.31	26.54	29.37

1872 Observations taken at irregular intervals.

1874 Gauge placed near the house in an open space
Dec^r "actual water in the gauge 1.26 to which
I added 1.00 for snow

1876 Gauge slightly sheltered from S.E.



1879 "I cannot explain why there is nearly an
inch less at the house than at the garden — The gauge
is a little more protected from the E winds than the garden
— the difference was $\frac{1}{2}$ inch the other way last year
all the measures were taken carefully with my
own hand "

RAINFALL AT Meigle Arthurstone

Lat.....

Lon.....

County of.....

Perth

Rain Gauge, by.....

Observer.....

P. Carmichael Esq

Lat, Lon - 15.

New Garden Gauge

Diameter.....				5								
Height.....				2.3								
Altitude.....				196	196							
Year.....	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.	
January.....				2.48	2.34	4.78	1.30	5.00	1.66	1.86		
February.....				1.98	.92	1.40	3.50	1.82	1.16	3.95		
March.....				1.75	1.82	1.80	2.51	1.85	.86	2.97		
April.....				.21	1.30	1.08	2.90	2.64	1.73	1.85		
May.....				2.63	1.89	1.13	.30	3.03	3.57	2.20		
June.....				1.28	1.43	2.90	3.09	3.96	2.59	3.64		
July.....				4.21	3.16	2.04	1.06	4.38	1.55	2.90		
August.....				2.62	5.50	2.20	2.68	6.05	4.70	4.38		
September.....				3.26	2.62	3.80	2.74	2.23	2.66	3.06		
October.....				2.80	2.96	5.53	4.61	4.49	2.90	.86		
November.....				1.16	2.90	4.45	4.33	4.24	1.27	1.57		
December.....				2.20	2.73	3.08	9.28	3.45	1.32	1.20		
TOTALS.....				26.58	29.57	34.19	38.30	43.14	25.97	36.44		

1874 Gauge placed in the centre of a large garden where there is no interruption from trees or bushes
 Cannot vouch for correctness of the Rainfall in Dec^r as there were successive falls of snow perhaps 14 inches in all. The actual ~~and~~ water in the gauge was 1.73 & I have added to this for the snow 1.00

RAINFALL AT *Weigle Arthurstone Garden*

Lat. _____

Lon. _____

County of _____

Pertch

Rain Gauge, by _____

Observer _____

J. Carmichael, Esq.

Day, Isla - 15.

Diameter	5										
Height	2.3										
Altitude	196 ft										
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January	1.22	.60	1.59	3.57	3.50	1.92	3.30	2.52	2.78	1.20	2.220
February	3.05	3.57	2.25	4.29	2.71	2.68	1.52	1.20	.78	1.61	2.366
March	3.04	2.20	2.54	2.43	3.65	1.81	3.60	.78	2.05	1.10	2.320
April	2.92	.52	3.57	1.38	1.31	2.76	1.16	1.75	1.43	3.75	2.055
May .....	.60	1.72	.92	.99	2.06	3.52	3.24	.44	2.93	2.65	2.007
June	2.14	3.34	3.42	2.90	.48	.83	.95	.37	2.55	.72	1.770
July	4.41	2.70	3.91	5.52	4.28	.93	3.68	2.05	4.20	1.89	3.357
August	1.29	3.46	1.85	2.36	2.63	4.44	.98	3.53	2.04	6.43	2.901
September....	2.87	3.06	2.75	3.15	2.28	3.42	2.84	3.70	.27	.63	2.497
October .....	.80	4.87	3.57	2.24	1.90	1.80	3.99	.88	2.43	3.10	2.558
November....	2.76	4.42	4.05	2.45	1.98	3.04	1.60	2.86	6.41	.71	3.028
December	2.10	2.13	4.48	1.72	3.17	1.34	1.85	1.85	2.95	1.53	2.312
TOTALS	27.20	32.50	35.90	33.00	29.95	28.49	28.71	21.93	30.82	25.32	29.391

1880. *Weigle* 2 miles *E.*

1881 *Adler Church* 1 mile *S.E.*

Just trees 10ft high 9 to 12 ft surrounding

RAINFALL AT *Weigle* *Arthurstone House*

Lat. _____

Lon. _____

County of _____

Pertch

Rain Gauge, by _____

Observer _____

P. Carmichael, Esq.

July, July - 15.

Diameter	5											
Height	2.3											
Altitude	187											
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.	
January	1.17	.90	1.50	3.53	3.50	1.85	3.04	2.62	3.19	1.20	2.250	
February	3.46	3.39	2.20	4.05	2.33	2.78	1.49	1.66	.72	1.60	2.388	
March	3.06	2.67	2.26	2.44	3.40	1.68	3.64	.96	3.87	1.07	2.505	
April	2.92	.62	3.22	1.29	1.40	2.44	1.33	1.70	1.50	3.45	1.987	
May .....	.63	1.59	1.62	.97	1.95	3.35	3.22	.46	2.95	2.54	1.948	
June	2.11	3.16	3.28	2.74	.36	.80	.83	.40	3.14	.73	1.755	
July	4.42	2.71	3.99	5.33	4.22	.87	3.50	2.00	4.01	1.83	3.288	
August	1.25	3.22	1.88	2.40	2.46	4.26	1.01	3.22	2.00	6.27	2.797	
September....	2.80	3.17	2.62	2.91	2.28	3.24	2.93	3.75	.19	.61	2.450	
October .....	.81	4.88	3.62	2.11	1.79	1.79	4.21	.85	2.42	3.01	2.549	
November....	2.80	3.95	3.92	2.46	1.85	3.12	1.56	2.75	6.33	.71	2.945	
December	2.03	2.05	2.30	1.68	2.79	1.39	1.78	1.87	2.87	1.52	2.234	
TOTALS	27.46	32.31	34.67	31.91	28.53	27.57	28.54	22.24	33.19	24.54	29.096	

1880. *Weigle*

2 miles

E

House 50ft high ¹²⁰60ft E

1884 *Ardler Church* 1 mile S.E.

