

RAINFALL AT *Dundee*

60

W R Mc Kilm Kelvie Eastern Necropolis

Fogfar

Rain } By
Gauge } Diameter.....*3*.....in.

Height above Ground, ft. *5*..... in.

Above Mean Sea Level, ft. *164*..... ft.

First of Day - 2.

YEAR	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January							2.60	4.90	3.60	4.00	
February							2.05	1.00	1.35	1.25	
March							2.10	1.80	1.45	.80	
April .....							.35	2.10	3.40	1.55	
May							1.00	3.60	1.55	.85	
June							1.25	1.00	.25	2.60	
July							2.75	7.00	.20	.95	
August							2.55	2.00	5.45	.95	
September ...							2.80	1.50	4.40	6.05	
October							1.65	2.05	1.35	2.95	
November ...							1.60	.40	1.50	.80	
December							3.05	.95	5.00	1.90	
TOTALS	31.25	75.75	30.00	22.75	29.25	26.75	23.75	28.80	29.50	24.65	

*computed from
Constitution Road. N. 19.*

*1868 sunk in a grass border in an open space
about 500 yards from the Tay & about 8 miles from
the German Ocean and is situated on the South
slope of the ground*

RAINFALL AT *Dundee Eastern Necropolis*

Lat.....

Lon.....

County of *Forfar*

Rain Gauge, by.....

Observer *W. W. B. M. McKinnon**First of May - 2.*

Diameter .....	.3										
Height .....	.5										
Altitude	<i>167</i>										
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....	1.70	.90	3.75	2.80	2.10	4.15	.95	4.30	1.75	2.05	2.445
February.....	2.10	4.20	6.15	.80	.75	1.50	3.20	1.55	1.60	3.70	2.533
March.....	.80	.75	2.65	1.90	.95	1.80	2.40	2.50	.80	3.05	1.760
April.....	.30	<i>6.10</i>	1.70	.10	.80	.65	4.30	2.65	2.00	2.60	2.120
May.....	1.15	.85	2.85	3.30	2.75	.85	.40	2.40	2.60	2.25	1.940
June.....	1.55	1.80	4.30	1.25	.75	3.55	3.15	2.70	2.80	4.75	2.660
July.....	1.25	3.00	2.15	5.10	2.70	2.35	1.80	4.60	1.00	3.95	2.790
August.....	1.40	1.75	2.70	3.00	5.55	1.45	2.40	7.05	3.15	4.25	3.270
September.....	2.65	1.95	4.65	3.70	1.90	3.40	4.15	1.90	2.85	2.25	2.940
October.....	3.15	3.50	3.00	2.70	2.30	5.90	4.15	3.70	2.60	.70	3.170
November.....	1.85	2.60	4.70	1.90	2.60	4.70	6.45	2.85	1.75	1.85	3.125
December.....	4.25	1.25	4.20	1.85	2.20	1.55	11.20	2.75	2.60	.90	3.275
TOTALS.....	22.15	28.65	12.80	28.40	25.35	31.85	44.55	38.95	25.50	32.30	32.050

*1879 Trees 12ft & shrubs 5ft high 24ft S.W.**Wallantown Church $\frac{3}{4}$ mile W.*

RAINFALL AT *Dundee Eastern Necropolis*

Lat. _____

Lon. _____

County of _____

Forfar

Rain Gauge, by _____

Observer _____

M^r T. R. McKelvie
First of Jan - 2.

Diameter	3											
Height	0.5							0.4				
Altitude	167T			199T								
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.	
January ....	.90	1.30	1.25	3.35	3.50	1.35	2.95	1.70	2.20	1.20	1.970	
February	2.30	4.65	1.85	2.95	2.00	2.85	1.40	.95	.65	1.40	2.100	
March	2.05	2.90	2.20	2.25	2.85	2.60	3.15	.90	3.35	1.70	2.395	
April	2.55	.70	4.35	1.25	1.50	2.35	1.20	1.70	1.25	3.65	2.050	
May .....	.60	1.25	1.80	.85	1.75	3.60	2.85	.70	1.75	1.45	1.660	
June	1.50	3.10	3.50	2.10	.25	.55	.90	.60	2.30	.75	1.505	
July	3.05	2.20	3.90	5.10	6.15	.70	3.90	1.75	5.30	2.55	3.460	
August .....	.90	3.95	1.05	2.90	2.25	1.90	1.00	2.85	1.80	6.50	2.570	
September....	3.10	4.40	2.00	2.60	2.90	3.10	2.55	3.40	.40	.60	2.505	
October	1.40	4.55	3.15	1.65	1.55	1.30	3.90	.80	1.45	2.70	2.245	
November....	3.00	3.40	3.25	2.10	1.75	1.75	1.75	3.50	5.75	.70	2.695	
December	2.15	1.65	5.70	1.40	2.55	1.05	2.00	1.30	1.85	1.15	2.080	
TOTALS	23.50	34.05	34.10	28.50	29.00	23.10	27.55	20.15	28.05	24.35	27.235	

1880 Wallacetown, Dundee 3/4 mile W.

Trees 12 ft high 24 ft S.W

1885 A. G. R. is a middle of measurements by rod and by glass.

1887 Boundary Wall 6 ft high 100 ft N 18 ft E

RAINFALL AT *Dundee Eastern Necropolis*

Lat.

Lon.

 County of *Fife*

Rain Gauge, by

 Observer *W. B. Mac Kellar Esq.*
Fifth of July - 2.

Diameter					3						
Height					4						
Altitude					<i>199 ft</i>			<i>T</i>			
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January						1.34	2.87	1.70	2.13	1.22	
February						2.84	1.40	.96	.69	1.41	
March						2.58	3.07	.91	3.39	1.74	
April						2.40	1.24	1.73	1.29	3.73	
May						3.69	2.91	.73	1.76	1.53	
June .....						.58	.94	.62	2.35	.81	
July .....						.82	3.95	1.79	5.35	2.62	
August						1.95	1.06	2.81	1.89	6.40	
September ...					<i>2.93</i>	3.09	2.58	3.43	.42	.64	
October					1.57	1.34	3.92	.84	1.50	2.80	
November					1.81	1.71	1.77	3.54	5.73	.76	
December					2.56	1.01	2.03	1.30	1.90	1.18	
TOTALS						23.35	27.74	20.36	28.40	24.84	

Wallactown Church Dundee 3/4 mile West.

1884 Same gauge as other sheet but measured with glass supplied by Mr. Buchan

1886 Observer says it was a new gauge started in 1884

1887 Boundary Wall 6 ft high 105 ft N 13 ft E

RAINFALL AT

Dundee Eastern Necropolis

Lat.

Lon.

County of

Forsar

Rain Gauge, by

Observer

W. B. McKelvie Esq

Mr. J. Carmichael

First of Day - 2. Old

Diameter	3											
Height	0 4											
Altitude	199 T											
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January	2.40	.75	1.60	1.25	3.15	2.90	.80	1.75	.70	3.40	1.870	
February	1.35	.15	2.10	2.90	4.45	.75	1.00	.85	.75	2.30	1.660	
March	1.90	2.00	.90	1.05	1.00	2.30	1.15	3.60	.45	1.65	1.600	
April .....	.65	1.30	.70	1.45	1.45	1.15	.85	1.50	4.40	3.00	1.645	
May	2.10	2.35	2.70	1.35	3.20	.55	.75	1.35	1.95	4.00	2.080	
June	2.90	.75	2.70	2.05	2.00	1.65	2.65	5.10	1.45	1.70	2.295	
July	3.25	3.45	1.70	3.40	3.45	4.20	3.75	2.25	.85	2.05	2.835	
August	2.65	4.35	5.95	3.00	4.50	4.55	1.85	3.25	3.30	.55	3.295	
September....	2.85	4.25	1.45	1.60	.15	.80	3.85	1.25	1.95	3.80	2.195	
October	2.00	2.85	3.80	2.60	3.55	1.50	2.90	2.20	5.00	.95	2.735	
November....	4.65	3.05	2.10	1.25	1.35	2.75	.75	1.85	4.35	2.50	2.460	
December	2.20	3.55	.90	2.05	1.90	3.10	5.25	3.35	1.35	4.60	2.825	
TOTALS	28.90	28.80	26.60	23.95	30.15	26.20	25.55	28.30	26.50	30.50	27.545	

1890 Wallaceston Church 3/4 mile W

Wall. 6 ft high 105 ft from N wall

" " " 18 " " E "

1880

RAINFALL AT

Dundee Eastern Necropolis

Lat. 56° 28' 20"

Lon. 2° 56' 5"

County of

Forfar

Rain Gauge, by

Observer

W.B. McKelvie Esq
Mr. J. Macdonald

Fifth of Jan - 2. New

Diameter	3		5									
Height	0 4											
Altitude	199 I											
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January	2.53	.78	1.64	1.26	3.19	2.92	.84	1.79	.72	3.42	1.909	
February	1.39	.16	2.18	2.97	4.47	.76	1.01	.88	.79	2.32	1.693	
March	1.93	2.03	.94	1.05	1.03	2.36	1.20	3.64	.50	1.71	1.689	
April .....	.68	1.28	.75	1.50	1.52	1.19	.93	1.54	4.45	3.04	1.688	
May	2.17	2.41	2.75	1.39	3.25	.57	.76	1.41	2.00	4.05	2.076	
June	3.00	.76	2.78	2.09	2.02	1.73	2.71	5.13	1.49	1.72	2.343	
July	3.31	3.48	1.72	3.42	3.49	4.26	3.79	2.28	.88	2.12	2.845	
August	2.71	4.38	6.00	3.04	4.54	4.58	1.91	3.32	3.39	.55	3.442	
September....	2.89	4.30	1.53	1.68	.20	.84	3.86	1.30	1.97	3.87	2.244	
October	2.04	2.83	3.82	2.64	3.55	1.56	2.94	2.24	5.04	.99	2.765	
November....	4.60	2.99	2.08	1.25	1.39	2.80	.79	1.86	4.39	2.53	2.468	
December	2.27	3.54	.92	2.08	1.91	3.12	5.28	3.35	1.38	4.61	2.846	
TOTALS	29.52	28.94	27.11	24.37	30.56	26.69	26.02	28.74	27.00	30.93	27.988	

1895 Wallacetown Ch 3/4 mile W
Trestle Bridge 5+12 ft high 24 ft SW

RAINFALL AT Dundee Eastern Necropolis

Lat.

Lon.

County of Fife

Rain Gauge, by

Observer

Mr J. Gannochan

New Fife of Tay - 2.

Diameter ..	5										
Height	0	4						1	0		
Altitude ..	199 ^T										
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	3.64	1.72	1.04	3.89	1.85	.37	2.06	1.00	1.61	1.47	1865
February ..	2.93	1.38	1.33	3.33	4.25	.88	.78	1.06	.60	.82	1.736
March	1.28	1.42	1.00 1.00	2.47	1.79	3.23	1.11	1.85	3.88	3.25	2.131
April	1.49	2.38	1.71	1.11	1.75	2.20	.99	1.88	.82	3.46	1.782
May	1.77	1.83	2.10 2.10	1.30	2.56	1.45	5.03	4.20	1.82	3.86	2.601
June	1.56	2.29	1.67	2.30	.57	.88	1.13	4.22	1.06	.83	1.651
July	3.38	.94	2.81	4.47	1.25	1.41	.98	2.37	1.95	2.71	2.227
August	4.42	3.71	3.08	5.35	5.58	3.52	4.69	3.87	2.75	1.78	3.875
September..	2.33	1.54	1.53	2.36	2.40	1.21	1.07	1.21	4.80	1.46	1.991
October	3.69	2.27	1.49	5.34	.78	1.94	3.83	5.29	2.81	3.56	3.100
November ..	4.61	1.54	2.92	.94	.68	4.36	3.77	1.43	1.65	.31	2.254
December ..	3.70	2.87	3.05	2.54	1.85	1.27	1.74	3.58	1.61	2.85	2.506
TOTALS ..	34.80	24.19	23.73 23.73	35.40	25.31	22.75	27.18	31.99	25.39	26.36	24.419

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1902 Values altered by M.O. Edinburgh. Ref. file 283932

RAINFALL at Dundee, Eastern NecropolisCounty of ForfarObserver Mr. J. Carnochan
Alex. MacraeRiver Basin Firth of Tay 2.

Rain Gauge, by _____

Diameter ...	3											
Height	0 4		1 0									
Altitude ...	199 ^T											
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.	
January ...	1.70	.60	2.80	3.40	1.45	1.90	1.80	1.45	2.00	2.60		
February ...	1.90	1.10	2.10	.65	2.40	4.45	2.25	1.30	1.95	1.13		
March	1.05	1.10	2.00	3.55	3.30	1.40	3.20	1.80	1.05	1.60		
April	2.05	.75	.05	1.95	.75	.80	1.40	1.40	.85	2.00		
May	1.30	.75	1.45	2.50	1.80	.95	3.70	1.95	3.55	1.00		
June	1.30	.85	3.15	1.20	.95	1.65	2.85	1.45	.75	1.55		
July	3.50	1.05	2.40	.55	2.10	3.40	7.50	2.05	5.50	.65		
August	7.50	1.10	3.85	1.25	2.65	3.65	3.90	5.55	2.25	2.40		
September ..	.95	.85	2.50	2.15	.80	1.15	1.65	1.40	3.85	1.15		
October ...	1.75	1.35	3.30	1.50	2.40	2.65	4.50	2.40	2.70	1.60		
November ..	2.60	2.75	1.85	1.75	3.45	1.55	3.85	3.05	1.60	4.75		
December ...	2.70	4.35	2.00	1.25	4.40	6.05	3.80	1.15	1.60	4.15		
TOTALS ...	28.30	16.60	27.45	22.80	26.45	29.60	40.40	24.95	27.65	25.30	26.95	

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Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1911.	(1914) 56° 28' 20"	2° 56' 5"	Stannergate (1914)	1 mile $\frac{1}{2}$ m	SE.	Wallacetown Maryfield	$\frac{3}{4}$ mile $\frac{1}{2}$ m	W. N.W.

RAINFALL at

Dundee, Eastern Necropolis

County of

Forfar

Observer

Mr. J. Carnochan
Alex. Macrae

River Basin

Firth of Tay 2.

Rain Gauge, by

Diameter ...	5										
Height	1 0										
Altitude ...	199T										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	1.73	.62	2.85	3.43	1.45	1.94	1.84	1.48	2.01	2.60	
February ...	1.93	1.10	2.12	.66	2.43	4.48	2.26	1.31	1.95	1.86	
March	1.09	1.14	2.05	3.58	3.30	1.43	3.22	1.83	1.09	1.64	
April	2.08	.78	.10	1.96	.79	.84	1.42	1.43	.88	2.02	
May	1.36	.81	1.52	3.55	1.84	.96	3.73	1.99	3.58	1.01	
June	1.35	.88	3.22	1.27	1.04	1.70	2.89	1.48	.81	1.56	
July	3.57	1.14	2.45	.60	2.15	3.44	7.52	2.09	5.54	.69	
August	7.51	1.13	3.91	1.37	2.68	3.67	3.94	5.56	2.26	2.44	
September ..	.99	.91	2.56	2.21	.81	1.19	1.70	1.43	3.85	1.18	
October ...	1.77	1.37	3.36	1.53	2.42	2.65	4.63	2.43	2.75	1.62	
November ..	2.62	2.82	1.91	1.79	3.45	1.59	3.86	3.09	1.63	4.77	
December ...	2.70	4.38	2.04	1.29	4.42	6.10	3.81	1.19	1.65	4.18	
TOTALS ...	28.70	17.08	28.09	23.24	26.78	29.99	40.72	25.31	28.00	25.57	27.348

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Date.	Lat. N.	Long. W.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1912	56.28.20	2.56.5	Stamergate	1/2 m	SE	Marjfield	1/2 m	NW

RAINFALL at Dundee, Eastern NecropolisCounty of ForfarObserver Mr A MacraeRiver Basin Firth of Tay 2.

Rain Gauge, by _____

Diameter ...	5			5							
Height	1.0			1.0							
Altitude ...	199			199							
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930. MEANS.
January ...	2.64	2.60	3.35	1.57	2.50	2.01	4.78	1.91	4.43	1.25	1.97
February ...	1.81	4.6	2.47	4.85	1.09	3.25	4.95	1.31	1.83	1.92	1.50
March	2.11	2.20	1.72	1.45	.72	1.43	1.17	2.41	4.67	1.42	1.64
April	1.76	1.04	1.55	2.61	1.83	2.87	2.07	.96	1.01	1.15	2.23
May	3.17	1.88	.94	2.16	4.40	3.77	2.31	2.39	1.36	2.39	1.58
June	1.09	.62	1.84	.86	2.17	.61	3.05	2.53	4.08	1.96	1.89
July	2.11	2.14	3.25	3.02	4.74	1.76	3.18	2.17	1.09	3.49	2.30
August	4.22	3.85	2.96	4.84	2.88	1.81	2.29	5.58	5.18	3.29	6.09
September...	2.79	1.71	2.33	2.40	4.53	2.92	4.04	5.32	2.52	.65	4.69
October	2.26	2.42	1.52	2.23	4.72	2.36	5.12	5.26	3.80	2.86	2.77
November...	2.40	2.09	1.37	2.24	2.00	.88	5.09	2.97	3.26	3.78	3.69
December...	3.31	1.46	1.87	2.85	4.02	2.57	.31	2.02	2.30	3.63	2.95
TOTALS...	29.67	22.47	25.17	31.08	35.66	26.24	38.36	34.83	35.53	26.79	33.30

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 from gauge	Parish Church.	Distance from gauge	Direction from gauge
1920	56° 28' 20"	2° 56' 5"	Stannergate	1/2 mi	S E	Maryfield	1/2 mi	N.W.

RAINFALL at Dundee, Eastern NecropolisCounty of ForfarObserver Mr. A. Macrae

(or Shepherd for)

River Basin Firth of Tay 2

Rain Gauge, by _____

Old Gauge

Diameter ...	3			3							
Height	1 0			1 0							
Altitude ...	199			199							
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	MEANS.
January ...	2.60	2.60	3.35	1.55							
February ...	1.80	45	2.45	4.85							
March	2.10	2.20	1.70	1.45							
April	1.75	1.00	1.55	2.60							
May	3.15	1.85	.90	2.15							
June	1.05	.60	1.80	.85							
July	(2.11)	2.10	3.25	3.00							
August	4.20	3.85	2.95	4.80							
September...	2.75	1.70	2.30	2.40							
October	2.25	2.40	1.50	2.20							
November...	2.40	2.05	1.35	2.20							
December...	3.30	1.45	1.85	2.85							
TOTALS...	(29.46)	22.25	24.95	30.90							

1920. July from new gauge.

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	56° 28' 20"	2° 56' 5"	Stannergate	1/2 mi	S.E.	Maryfield	1/2 mi	N.W.

RAINFALL at Dundee (Eastern locality.)County of Angus (Forfar) Observer A. MacraeRiver Basin 2- North of Tay

Type of Gauge.....

Annual Average 27.4 in. based on 35 years obs. un-weighted. Period of average 1881-1915 Ref 5

Diameter	5										
Height	1.0										
Altitude	198										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	2.94	1.81									
February	1.35	.11									
March	.95	2.59									
April	2.13	2.22									
May	3.42	2.91									
June	4.50	.95									
July	4.95	3.92									
August	3.39	.87									
September	1.04	1.56									
October	1.21	6.48									
November	4.82	1.31									
December	.92	(3.25)									
TOTALS	31.62	#	#								
	7.998										

Terminal end. 12 B 1. 199774/32
 1932. For estimated by surrounding stations.

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

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