

RAINFALL AT Swindon Mechanic Institute

Lat.

Lon.

County of Wiltshire

Rain Gauge, by

Observer Mr. Aulme Preece

Code &c - 6.

Diameter . . .										8	
Height4	
Altitude . . .										378	
Year . . .	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January . . .					2.82	5.10	2.18	4.15			
							75.360	1.40	(1.80)		
								1.78	1.56		
February . . .					1.99	1.89	3.16	1.88	1.26	4.03	
								1.75	1.83		
March87	.96	4.18	1.72	1.84	1.03	
								3.03	2.68		
April . . .					1.19	1.80	3.21	5.06	2.94	3.72	
								.79	4.48	3.34	
May . . .					1.19	1.95	77	2.49	5.30	2.95	
								1.01	2.28	4.44	
June63	2.50	1.62	1.23	2.20	4.42	
								5.28	2.41	3.74	
July47	4.26	.61	1.48	2.49	3.69	
								3.27	3.54	3.97	
August . . .					1.92	.88	2.22	3.50	3.96	5.37	
								5.74	2.33	1.82	
September . . .					1.88	4.06	3.04	6.12	2.37	1.84	2.29
								1.58	4.09		
October . . .					2.64	3.31	7.60	2.24	2.08	3.77	.85
								3.78	5.38	3.00	
November . . .					2.23	2.51	3.89	3.43	1.39	3.32	.50
								7.44	2.12	1.79	
December46	2.29	1.22	7.54	2.17	1.89	.78
TOTALS . . .							35.13	37.51	34.91	31.31	(32.60)
					23.25	35.04	35.85	32.67	32.20	(31.43)	

1879 Jan'y gauge frozen amount estimated
 Corrections sent by J. R. Preece Jan'y 1884

RAINFALL AT New Swindon

Lat.

Lon.

County of

Wiltshire

Rain Gauge, by

Observer J. H. Preece, Esq.

Code no - 6.

7. G. O'Conor Esq

Diameter	8											
Height	4										- 11	
Altitude	378											
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.	
January57	2.11	1.66	2.88	3.39	2.37	4.90	1.94	.74	.80	2.130	
February	3.65	2.21	2.02	4.07	1.67	3.19	.76	.98	2.26	1.72	2.253	
March	1.98	1.57	2.11	.96	1.73	1.12	1.92	1.99	3.82	2.64	1.984	
April	1.95	.69	4.08	.80	1.62	1.65	1.87	1.17	2.09	2.69	1.861	
May	1.08	2.32	2.20	2.03	1.14	2.30	3.97	1.53	1.57	2.55	2.069	
June	3.11	2.49	4.54	2.30	3.18	2.01	.77	1.57	2.28	1.00	2.319	
July	5.17	1.46	2.45	2.05	2.62	.22	3.06	.96	3.70	2.51	2.420	
August	1.19	5.12	2.28	1.37	1.35	1.65	1.43	2.21	1.92	2.14	2.066	
September	3.48	1.48	2.80	3.38	1.36	3.59	2.33	2.75	1.21	1.30	2.368	
October	6.01	1.41	7.47	1.83	1.06	3.77	3.82	2.39	.90	2.33	3.099	
November	2.82	3.96	4.43	3.13	1.41	4.71	3.04	2.54	5.40	.90	3.234	
December	3.53	2.86	3.69	.73	2.65	1.20	5.46	1.73	2.51	1.40	2.578	
TOTALS	34.50	27.68	39.73	25.53	23.18	27.78	33.33	21.70	28.40	21.98	28.381	

1888 St Marks Swindon 100 yards NW
 Gauge moved 30ft SW in Sept

RAINFALL AT Swindon New

Lat.

Lon.

County of

Wiltshire

Rain Gauge, by

Code &c - 6.

Observer

F. G. O'Connor Esq.
H. J. Southwell Esq.

Diameter	8											
Height	0.11											
Altitude	378											
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January	2.96	2.35	.85	1.98	2.20	3.04	.60	2.26	.35	3.86	2.045	1
February77	.00	1.20	3.21	2.26	.18	.28	2.97	1.71	2.89	1.547	
March	1.01	1.98	.74	.38	1.98	2.13	3.01	3.56	.57	.38	1.574	
April	1.65	.97	.93	.06	2.28	2.10	.97	1.73	1.70	2.65	1.504	1
May	2.10	2.88	1.02	1.28	1.92	.14	.30	.91	2.77	1.89	1.521	
June	2.72	1.52	2.32	1.31	2.76	1.65	1.16	3.17	1.46	1.40	1.947	
July	4.25	3.14	2.82	3.40	3.51	3.28	1.38	1.07	.51	.76	2.412	
August	2.27	5.94	3.79	1.03	2.84	3.03	2.16	5.42	1.54	1.09	2.911	
September	1.71	1.59	2.89	1.24	2.50	.97	5.26	2.40	1.36	2.37	2.229	
October	1.52	6.51	3.02	4.36	4.43	3.55	3.46	1.47	3.66	2.41	5.439	
November	2.18	2.30	2.08	1.99	5.42	4.90	.86	1.03	3.29	2.69	2.674	
December84	4.27	.93	2.58	2.29	2.04	3.06	3.64	2.77	2.11	2.453	
TOTALS ..	23.98	33.45	22.59	22.82	34.39	27.01	22.50	29.63	21.69	24.50	26.256	

RAINFALL AT Swindon New

Lat.

Lon.

County of Wilts

Rain Gauge, by:

Observer H. J. Southwell Esq

Code & C-6.

Diameter ..	8										
Height	0	11									
Altitude ..	378										
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	M. MEAN.
January ..	2.60	1.34	1.02	3.19	3.45	.53	3.72	.86	1.31	.92	1.894
February ..	4.82	1.05	.90	1.34	3.12	.60	2.08	1.42	.82	.45	1.660
March87	2.46	1.35	3.56	1.30	3.24	1.66	.90	3.47	3.44	2.205
April	1.31	2.04	1.70	2.22	1.46	2.50	.80	3.44	3.27	1.42	2.016
May	1.63	2.06	2.07	5.31	2.45	.16	1.74	1.81	1.86	1.33	2.042
June	2.33	1.77	3.07	6.54	1.13	4.37	3.34	1.98	.71	3.18	2.842
July	1.18	2.65	.97	2.22	2.68	.46	1.00	2.65	1.99	2.73	1.853
August	2.09	1.86	3.49	3.84	2.15	4.11	1.33	1.40	3.46	2.47	2.620
September ..	.45	1.44	.92	2.53	1.35	1.26	.75	.56	2.13	3.21	1.460
October	2.52	1.36	1.43	5.80	.75	1.67	5.26	6.40	1.35	5.08	3.162
November ..	2.14	.61	1.90	1.83	1.72	3.80	3.55	1.98	1.32	.81	1.966
December ..	4.04	4.14	1.84	1.55	1.99	.97	1.90	4.32	1.98	3.62	2.635
TOTALS ..	25.98	22.78	20.66	39.93	23.55	23.67	27.13	27.72	23.67	28.66	26.375

M m m m m m m m m m

1903 St Marks Church 50 yards N.W.

GWR Swindon 1/4 mile E

Hub

RAINFALL at New Swindon

County of Wiltshire

Observer H. J. Southwell Esq.

River Basin Thames, Cole & C 6

Rain Gauge, by

Diameter ...	8										
Height	0 11										
Altitude ...	378										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	2.29	.97	3.89	3.83	.70	4.38	1.79	1.29	2.46	3.80	
February ...	3.52	2.12	1.94	1.44	2.97	5.20	4.65	.52	1.26	2.17	
March63	2.13	4.51	2.97	4.38	1.56	4.26	2.27	.83	4.11	
April	2.58	1.23	.07	3.61	1.21	1.25	1.27	1.30	3.82	2.10	
May	1.69	1.00	1.83	1.69	1.49	3.64	1.99	2.71	1.32	.20	
June	3.42	2.50	3.61	.74	2.70	.75	1.86	2.82	.69	.98	
July	1.42	.00	2.96	1.50	3.83	2.98	1.93	3.34	4.43	2.36	
August	2.55	.97	5.03	.74	2.75	2.74	4.86	5.18	1.94	2.75	
September ..	.36	1.55	1.29	2.08	1.01	1.66	1.27	1.55	7.30	1.79	
October ...	3.91	2.29	3.26	3.81	2.82	3.11	4.52	4.51	1.30	1.43	
November ...	3.80	3.48	2.29	2.91	4.42	2.08	3.88	.82	1.96	1.56	
December ...	5.69	5.92	3.93	1.53	6.46	5.40	3.37	1.36	2.44	4.84	
TOTALS ...	31.86	24.16	34.61	26.35	34.74	34.75	35.15	27.67	29.25	28.09	
	3	3	3	3	3	3	3	3	3	3	imp.

mean years 1910-17

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1910			GWR	500 yds	NE	St Marks	50 yds	N

RAINFALL at Swindon, Town Gardens

County of Wiltshire

Observer R. D. Lord Esq.

River Basin Thames-Cotswold

Borough Surveyor 1925

Glaisher Rain Gauge, by

J. B. Thompson (1925)
Boro Surveyor Water Engg

Diameter ...					8					
Height					0.11		1.4			
Altitude ...					378		471			
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929
January ...					3.73	2.85	4.26	3.19	4.64	1.13
February ...					3.4	4.14	2.50	4.39	1.89	1.10
March					1.03	4.0	.99	2.78	1.98	.18
April					2.35	2.03	2.60	1.81	1.69	1.06
May					4.27	2.80	3.72	.79	.76	1.93
June					3.19	.07	2.70	2.98	2.69	1.44
July					4.38	3.54	2.32	4.28	2.60	1.83
August					2.32	3.94	1.02	4.96	2.20	1.38
September...					3.80	3.02	1.13	7.61	1.53	.27
October					4.76	3.36	2.88	2.35	4.25	4.04
November...					2.19	2.03	6.27	2.50	2.84	6.27
December...					5.35	3.20	.40	2.30	2.96	6.80
TOTALS...					37.71	31.65	30.79	39.94	30.08	27.43
										28.01

1924. Open Park.

Position of Station on reduced Ordnance Survey } No. of Map _____ Reference No. _____
Map, 2 miles to 1 inch Series }

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge	Direction from gauge
1924			Swindon	1/2 mi	E	St. Mark's Swindon	100 yds 1/2 mi	N.W. E.

RAINFALL at NewendenCounty of WiltshireObserver H. J. Southwell, Esq.River Basin Cotw. 6

Rain Gauge, by _____

Diameter ...	8										
Height	0.11										
Altitude ...	378										
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	MEANS.
January ...	2.79	2.68	2.50	1.80							
February95	.31	3.13	5.10							
March	2.27	1.50	2.28	2.10							
April.....	5.42	1.64	3.43	2.80							
May	2.72	1.64	.85	2.00							
June	2.41	1.07	1.47	.30							
July	4.45	.33	4.34	1.20							
August	1.25	1.59	4.01	2.90							
September...	1.27	2.55	1.35	2.30							
October.....	2.23	1.08	1.46	5.20							
November...	.90	2.13	1.30	2.00							
December...	2.56	1.86	3.04	3.40							
TOTALS...	29.22	17.58	29.16	30.96							
	sq. m. 2.	2	2	2							

↑
With
Circular Ho

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 from gauge	Parish Church.	Distance from gauge	Direction from gauge
			GWR.	500yds	N.E.	Fiddichy	50yds.	N.

RAINFALL at Swindon (Town Gardens).

County of Wiltshire.

Observer J. E. L. Thompson, Esq., C.E.

River Basin Thames (cols 8-10)

Type of Gauge Standard.

Annual Average 27.5 in. based on 25 years obs. un-weighted. Period of average 1881/1915 Ref. Bag N.

679962/26

Diameter	5"											
Height	1.4											
Altitude	471											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	
January	1.50	2.50	2.28	2.06	1.57	3.27	3.76	2.66	4.65	2.50	25.75	
February	2.00	1.10	3.80	1.12	1.95	1.95	5.02	1.81	1.34	2.09	19.27	
March	1.19	2.39	3.10	2.30	1.54	1.88	2.84	1.13	1.70	2.30	17.37	
April	2.71	2.78	1.27	1.91	3.60	1.66	2.86	1.12	3.27	1.22	21.40	
May	3.18	7.06	1.75	1.70	1.60	1.64	2.13	2.05	1.41	1.09	21.61	
June	2.46	1.98	1.93	1.77	3.63	1.99	1.18	1.92	2.09	1.60	17.45	
July	4.61	3.69	3.00	1.84	1.84	3.84	1.44	2.32	3.76	3.28	27.66	
August	4.26	1.32	86	1.59	2.31	1.33	1.60	3.08	2.18	1.02	16.55	
September	2.03	3.44	3.23	1.95	4.38	2.68	1.85	2.95	1.13	1.92	24.26	
October	1.53	4.98	2.20	1.53	3.90	1.33	3.74	3.71	4.32	3.19	29.43	
November	4.15	1.68	1.90	1.37	5.48	3.01	1.21	3.21	4.82	7.50	33.33	
December	1.37	1.72	1.46	1.50	3.20	3.26	2.28	3.09	1.55	1.39	23.82	
TOTALS	29.02	31.64	23.78	23.64	32.00	25.84	28.61	26.09	35.97			
								22.41	32.25	26.00	277.89	Q1.

1931 Nov. 16th. A 5" gauge was substituted for the 8" one.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	Parish Church.	Distance from gauge	Direction
1931,			Swindon	2/4 m.	E.	Swindon	1/2 m.	E.

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

Station No. 1538

RAINFALL at Swindon (Town) *Gardens*

41

County of Wiltshire

Observer F. B. L. Thompson Esq. C.E.

River Basin Thame Col. & C. & C.

J. Askerry Esq., B.Sc., M.I.C.E.

Type of Gauge Standard

Annual Average 27.5 in. based on 35 years obs. un-weighted. Period of average 1881/1915 Ref. B.N.

File No. 679962/26

Diameter	5"		249	685	PUNCH		5"				
Height	1' 6"			1	INKED			1' 15"			
Altitude	471'			41	FIGURED ON 147			477'			
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	3.15	2.67	4.51	1.23	1.80	1.92	1.65	4.90	1.42	1.41	23.16
February	2.73	.71	1.11	.75	2.09	2.50	1.34	1.00	1.53	4.45	18.21
March	3.08	1.93	.91	.25	1.05	.97	4.97	1.05	1.52	1.15	16.93
April	1.45	1.16	.60	1.35	.92	1.98	3.11	1.90	1.79	2.59	16.85
May	1.47	4.48	2.63	1.07	1.72	3.80	1.53	5.39	2.95	2.86	27.11
June	1.69	.32	1.74	1.84	3.40	2.43	1.78	2.00	1.37	2.06	17.63
July	1.67	1.80	1.34	2.04	1.33	.97	1.88	.77	1.73	4.80	19.36
August	3.69	3.78	2.73	2.58	1.94	4.09	.57	4.00	1.43	2.69	37.50
September	.57	1.57	1.09	2.22	1.99	4.12	1.39	2.00	1.75	3.20	19.90
October	1.71	4.12	3.24	3.42	2.97	1.08	.64	3.95	6.83	.95	28.76
November	2.87	1.85	1.42	4.66	.27	5.44	2.20	1.40	2.94	5.77	28.32
December	1.45	3.80	1.21	1.55	3.43	2.23	2.47	3.90	5.09	.84	32.45
TOTALS	25.03	28.19	22.53	22.96	22.91	31.53	23.53	31.20	25.10	32.80	165.79

1942 Small trees 2 sheets 12' high 12° NE 2 miles.

1948 Trees 30' high 25' E 30' N, N, E & S after some rain 27.3 yrs. 30 m. 1st July,

1950 Gauge moved 1st Feb/50

238.78

1944	1945	1946	1947	1948	1949	1950
83.5%	83.8%	132.7%	85.6%	130.5%	91.2%	119.7%

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
1941 1942			Swindon Town Swindon Town	5 miles 8 miles	E E	Swindon Christchurch	5 miles 8 miles

Station No. 1538 T.F. 91

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RAINFALL at Swindon (Town Gardens)

County of Wiltshire

Observer J. Ackroyd, Esq., B.Sc., C.E.

River Basin Thames. Col. 6-6

Type of Gauge Standard

Annual Average 27.5 in. based on 35 years obs. un-weighted. Period of average 1881-1915
 " 29.02 " 7 " 1950-56 " " 1916-1950
 File No. 679962/26

Diameter ...	5"			249	685						
Height ...	1' 1"				1						
Altitude ...	476				51						
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January	3.16	1.84	.74	1.88	2.45	3.80	1.72	2.87	4.79	3.72	26.91
February	4.69	.61	1.59	2.29	1.54	.22	2.81	2.97	.14	2.03	18.99
March	3.61	2.70	.68	2.64	1.45	.43	2.10	1.21	2.68	1.88	19.38
April	2.61	1.55	2.15	.41	5.7	1.72	.26	.98	2.61	1.62	14.48
May	2.54	2.99	1.74	2.09	4.38	.44	1.60	2.72	.85	1.09	20.14
June	1.54	1.59	1.79	6.26	2.61	1.85	1.72	2.98	1.71	3.34	25.39
July	.90	.26	2.65	1.99	.14	1.45	2.78	2.88	1.64	3.50	18.19
August	5.68	4.00	2.95	3.26	.23	3.43	2.50	3.07	2.03	3.34	30.54
September	3.23	1.52	3.05	2.38	.67	3.52	2.85	3.74	.54	3.59	25.09
October	.74	3.75	3.24	2.51	1.66	1.36	2.37	2.81	1.71	4.93	25.69
November	5.78	3.88	1.31	5.47	2.06	.71	2.44	2.56	2.83	4.12	31.16
December	2.03	2.00	.83	2.38	2.76	3.38	2.59	2.97	5.68	4.86	29.48
TOTALS ...	3651	2669	2332	33.56	20.52	22.31	25.74	31.76	27.21	38.07	295.6
	D	D	D	D	D	D	D	D	D	D	

1951 Survey 30' high at 25-30yds N.E. & S.

1952-3%

Position of Station on Ordnance One-Inch map : No. of Map National Grid Reference SU(4)151835

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Parish Church.	Distance from gauge.
1951			Swindon Town	600 X E.	Chapt Church (Swindon)	2 m. N.E.

Summary of Earlier Records from 10-year Sheets :

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
		C 1924 ✓ but - 29	✓	✓ np. + 8 ✓	