

RAINFALL AT Swindon Mechanics Institute

Lat.

Lon.

County of Wiltshire

Rain Gauge, by

Observer, M^r Hulme Preece

Coe & Co. b.

Diameter...									.8		
Height ...									.4		
Altitude ...									378		
Year	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January					2.82	5.10	7.5 2.13	4.15	1.40	(1.80)	
February. ...					1.99	1.89	3.16	1.88 1.78	1.26 1.56	4.03	
March.....					.87	.96	4.18	1.72 1.75	1.84 1.83	1.03	
April					1.19	1.80	3.21	3.00 3.03	2.94 2.68	3.72	
May					1.19	1.95	7.7 7.9	2.49	5.30 4.48	2.95 3.34	
June .....					.63	2.50	1.62	1.23 1.01	2.20 2.28	4.44 4.44	
July.....					.47	4.26	.61	1.48 5.28	2.49 2.41	3.68 3.74	
August ...					1.92	5.8 .97	3.27	3.50 3.54	3.96 3.97	5.37 6.08	
September ..				1.88	4.06	3.04	5.12 5.74	2.37 2.33	1.84 1.82	2.29	
October				2.64	3.31	7.55	2.24 1.58	2.08	3.77 4.09	.85	
November .				2.23	2.51	3.89	3.43 3.78	1.30 5.35	3.32 3.00	.50	
December .				.46	2.29	1.22	7.54 7.44	2.17 2.12	1.89 1.79	.78	
TOTALS ..					23.25	35.13	37.51	34.91	31.31	(32.60)	
						35.04	35.86	32.67	32.20	(31.43)	

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

RAINFALL AT *New Swindon*

Lat. _____

Lon. _____

County of _____

Rain Gauge, by _____

Observer, _____

*W. H. Preece, Esq.**W. H. Preece, Esq.**W. H. Preece, Esq.**Col. &c - 6.*

Diameter	8											
Height	4											
Altitude	378											
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.	
January ....	.57	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	2.55	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 L Marks Swindon 100 yards NW
 Gauge moved 30ft SW in Sept

RAINFALL AT Swindon New

Lat. _____

Lon. _____

County of _____

Wilt.

Rain Gauge, by _____

Observer _____

F. G. O'Connor Esq

Cole & C. - 6.

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	2.015	1
February ....	.77	.00	1.20	3.21	2.26	.18	.28	2.97	1.71	2.89	1.517	
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	3.439	
November	2.18	2.36	2.08	1.99	5.42	4.90	.86	1.03	3.29	2.69	2.674	
December ....	.84	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 *Wilt.*

Rain Gauge, by

Observer *H. J. Southwell Esq*

Case No. - 6.

Diameter ..	8										
Height	0 11										
Altitude ..	378										
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	2.60	1.34	1.02	3.19	3.45	.53	3.72	.86	1.31	.92	1894
February ..	4.82	1.05	.90	1.34	3.12	.60	2.08	1.42	.82	.45	1660
March ....	.87	2.46	1.35	3.56	1.30	3.24	1.66	.90	3.47	3.44	2205
April	1.31	2.04	1.70	2.22	1.46	2.50	.80	3.44	3.27	1.42	2016
May	1.63	2.06	2.07	5.31	2.45	.16	1.74	1.81	1.86	1.33	2042
June	2.33	1.77	3.07	6.54	1.13	4.27	3.34	1.98	.71	3.18	2842
July	1.18	2.65	.97	2.22	2.68	.46	1.00	2.65	1.99	2.73	1853
August	2.09	1.86	3.49	3.84	2.15	4.11	1.33	1.40	3.46	2.47	2620
September ..	.45	1.44	.92	2.53	1.35	1.26	.75	.56	2.13	3.21	1460
October	2.52	1.36	1.43	5.80	.75	1.67	5.26	6.40	1.35	5.08	3162
November ..	2.14	.61	1.90	1.83	1.72	3.80	3.55	1.98	1.32	.81	1966
December ..	4.04	4.14	1.84	1.55	1.99	.97	1.90	4.32	1.98	3.62	2635
TOTALS ..	25.98	22.78	20.66	39.93	23.55	23.67	27.13	27.72	23.67	28.66	26373

1903 St Marks Church 50 yards N.W.
 f.w.R Swindon 1/4 mile E

H.W.B.

RAINFALL at New SwindonCounty of WiltshireObserver H. J. SouthwellRiver 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	
March .....	.63	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	3.32	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	1.36	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	3.31	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	
	D	D	D	D	D	D	D	D	D	D	

new glass 11.17

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 GardensCounty of WiltshireObserver R. P. Lord Esq.River Basin Thames-Gloucester & C. 6Borough Surveyor 1925Glaisher Rain Gauge, byJ. B. Thompson
Borough Surveyor & Water Engineer (1925)

Diameter ...					8						
Height					0.11		1.4				
Altitude ...					378		471				
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MEANS.
January ...					3.73	2.85	4.26	3.19	4.64	1.13	3.96
February ...					3.4	4.44	2.50	4.29	1.89	1.10	7.4
March					1.03	4.0	.99	2.78	1.98	.18	1.54
April					2.35	2.03	2.60	1.81	1.69	1.06	2.11
May					4.27	2.80	3.72	.79	.76	1.93	1.23
June					3.19	.07	2.70	2.98	2.69	1.44	1.19
July					4.38	3.54	2.32	4.28	2.60	1.83	2.37
August					2.32	3.94	1.02	4.96	2.20	1.38	1.63
September...					3.80	3.02	1.13	7.61	1.53	.27	3.42
October					4.76	3.36	2.88	2.35	4.25	4.04	1.93
November...					2.19	2.03	6.27	2.50	2.84	6.27	4.85
December...					5.35	3.20	4.0	2.30	2.96	6.80	3.04
TOTALS...					37.71	31.65	30.79	39.44	30.07	27.43	28.01

1924. Open Parks.

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
1924			Swindon	1/2 mi	E	St. Mark's Swindon	100 yds 1/2 mi	N.W. E.

RAINFALL at Swindon (Town Gardens)County of WiltshireObserver J. B. L. Thompson, Esq. C.E.River Basin Thames Cole &c. - b.Type of Gauge SnowdonAnnual Average 27.5 in. based on 35 years obs. un-weighted. Period of average 1881/1915 Ref. Bagn

679962/26

Diameter	58										
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	.57	3.27	3.76	2.66	4.65	2.50	25.75
February	2.00	.10	3.80	.12	1.95	1.95	5.02	.84	1.37	2.09	19.27
March	.19	2.39	3.10	2.30	.54	1.88	2.24	.13	1.70	2.30	17.37
April	2.71	2.78	1.27	1.91	3.60	1.66	2.86	.12	3.27	1.22	21.40
May	3.18	7.06	1.75	.70	1.60	.64	2.13	2.05	1.41	1.09	21.61
June	2.46	.98	1.93	1.77	3.63	1.99	1.18	.92	2.09	.50	17.45
July	4.64	3.69	2.00	1.84	.84	3.84	1.44	2.32	3.76	3.28	27.65
August	4.26	1.32	.86	1.59	2.31	.33	.60	3.08	2.18	.02	16.55
September	2.03	3.44	3.23	1.95	4.38	2.68	1.55	2.95	1.13	.92	24.26
October	.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	.90	1.37	5.48	3.01	1.21	3.21	4.82	7.50	33.33
December	1.37	.72	.46	6.50	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	25.09	32.25	25.97	277.89

1931, Nov. 16 - 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 from gauge	Parish Church.	Distance from gauge	Direction from gauge
1931,			Swindon	$\frac{3}{4}$ m.	E.	Swindon	$\frac{1}{2}$ m.	E.

Station No. 1538

RAINFALL at Swindon (Town garden)

41

County of Wiltshire Observer F. B. L. Thompson Esq. CE.

River Basin Thames Catchment C-6 J. A. K. R. S. D. Esq. B.S. M.I.C.E.

Type of Gauge Swindon

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

File No. 679942/26

Diameter	5"			249	685	PUNCH			5"		
Height	1' 6"				1	INKED			1' 15"		
Altitude	171'				41	FIGURED ONLY			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 5.72	1.42	1.41	23.66
February	2.73	.71	1.11	.75	2.09	2.50	1.34	1.82 1.00	1.53	4.45	18.21
March	3.08	1.93	.91	.25	1.05	.97	4.97	1.00 1.15	1.52	1.15	16.83
April	1.45	1.16	.60	1.35	.92	1.98	3.11	1.90 2.60	1.79	2.59	16.85
May	1.47	4.48	2.63	1.07	1.72	3.80	1.53	4.60 6.39	2.95	2.86	27.11
June	1.69	.32	1.74	1.84	3.40	2.43	1.78	2.00 2.61	.37	2.06	17.63
July	1.67	1.80	1.34	2.04	1.33	.97	1.88	1.70 1.74	1.73	4.80	18.26
August	3.69	3.78	2.73	2.58	1.94	4.09	.57	4.00 4.04	1.43	2.69	27.50
September	.57	1.57	1.09	2.22	1.99	4.12	1.39	2.00 2.65	1.75	3.20	19.90
October	1.71	4.12	3.24	3.42	2.47	1.08	.64	3.80 3.95	6.83	.95	28.76
November	2.37	1.85	1.42	4.66	.27	5.44	2.20	1.40 1.64	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	1.87	32.75
TOTALS	25.03	28.19	22.53	22.96	22.91	31.53	23.53	131.20 27.00	25.10	32.80	45.79

1942 Small trees 2 shrubs 12' high 12' NE 2 NW.

1948 m.p. big

1949 Trees 30' high 25' to 30' N, E & S after gauge moved 273 yds SW on 1st July.

1950 Gauge moved 17th Feb/50

238.78

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.	Direction from gauge.
1941			Swindon Town	1/2 mile	E	Swindon	1/2 mile	E
1949			Swindon Town	600 yds	E	Christchurch	800 yds	NE (1940)

BRITISH RAINFALL ORGANIZATION

Station No. 1538 T.F. 91

RAINFALL at Swindon (Town Gardens)

51

County of Wiltshire

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

River Basin Thames. Col. 9 C-6

Type of Gauge Snowdon

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

Diameter ...	5"			249	685							
Height ...	1' 4"				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		26.97
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	.57	1.72	.26	.98	2.61	1.62		14.49
May ...	2.54	2.99	1.74	2.09	4.38	.44	1.60	2.72	.85	1.09		20.44
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	2.39		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	3.84	2.51	1.66	1.36	2.37	2.81	1.71	4.93		25.62
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 ...	36.51	26.69	23.32	33.56	20.52	22.31	25.74	31.76	27.21	38.07		285.6
	D	D	D	D	D	D	D	D	D	D		

1961 June 30. high at 25.30 gds N.E. + A.

1961-37

Position of Station on Ordnance One-Inch map :

No. of Map.....

National Grid Reference SU(41)151835

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge.	Direction
1951			Swindon Town	600 x	E.	Christ Church (Swindon)	1/2 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 ✓ Extra 29	✓ ✓	✓ n.p. 48 ✓	