

## RAINFALL AT WOLVERHAMPTON, WATERWORKS TETTONHALL

Stafford.

Observer E. B. Marten Esq. C.E.

Rain { By.....

Gauge ..... in.

Height above Ground, 7 ft. 0 in.

Above Mean Sea Level 459 ft.

Seven, &amp;c - 2.

YEAR.....	1850	1851	1852					MEANS.
January.....	2.66	2.97	3.27					
February.....	1.12	.58	2.03					
March.....	.43	3.07	.43					
April.....	2.20	1.27	.51					
May .....	1.65	.96	.89					
June.....	1.56	2.01	3.87					
July.....	2.40	2.14	2.68					
August.....	.83	1.38	4.87					
September.....	.90	1.21	3.05					
October.....	2.17	1.91	2.53					
November.....	1.90	1.10	6.86					
December.....	.55	1.25	2.68					
TOTALS.....	18.37	19.85	33.67					

Gauge read weekly

1849	June	1.49
	July	2.32
	August	2.95
	September	2.77
	October	2.20
	November	.58
	December	2.52

RAINFALL AT Wolverhampton, Waterworks, Littlehall

Stafford.

Observer E.B. Martin Esq C.E.Rain { By .....  
Gauge .....in.

Diameter.....in.

Height above Ground, 182 ft. ....in.

Above Mean Sea Level 1450 ft.

Seven, &amp; - 2.

YEAR.....	1850	1851	1852					MEANS.
January.....	2.01	2.19	2.65					
February.....	.70	.35	1.41					
March.....	.10	2.46	.24					
April.....	1.46	.94	.36					
May.....	1.40	.67	.62					
June.....	1.24	1.52	3.05					
July.....	2.10	1.66	2.31					
August.....	.68	1.17	4.07					
September.....	.67	.94	2.45					
October.....	1.76	1.34	1.70					
November.....	1.07	.82	4.04					
December.....	.37	1.10	2.07					
TOTALS.....	13.74	15.16	24.97					

Gauge read weekly

1849 June	1.29
July	2.03
August	2.40
September	2.83
October	1.56
November	.36
December	1.72

RAINFALL AT Wolverhampton Tipton HallLat.Lon.County ofStaffordshireRain Gauge, bySeven, 2 - 2.ObserverR Smith Esq C.E.

Diameter . . . .										5
Height . . . .										1.0
Altitude . . . .										454
Year . . . .	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889 MEANS.
January . . . .										2.67
February . . . .										.66 .96 1.88
March . . . .										1.47 2.22 1.95
April . . . .										1.37 1.77 3.51
May . . . .										1.76 .89 3.85
June . . . .										2.14 1.92 1.11
July . . . .										1.51 5.49 2.14
August . . . .										1.83 3.79 3.28
September . . . .										2.93 1.28 2.37
October . . . .										2.77 .69 3.44
November . . . .										1.58 4.26 1.15
December . . . .										1.54 2.48 2.02
TOTALS . . . .										22.23 26.39 27.14 ✓

✓ indicates entered correct day. (See Note at beginning of this book)

# RAINFALL AT Wolverhampton Tettenhall

Lat.

Long.

County of Stafford

Rain Gauge, by

Observer R. Smith Esq C.R.

Station No. 2.

Diameter ....	5										
Height ....	10										
Altitude ....	454					470 ft	486 ft				
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS,
January .....	2.76	2.06	2.37	1.56	1.52	3.27	1.14	1.86	1.16	3.31	2.101
February .....	.64	.15	1.57	2.57	2.35	.23	.99	2.81	1.53	2.51	1.525
March .....	1.14	1.31	.91	.43	1.17	2.03	3.11	2.29	.87	.97	1.123
April .....	.88	1.79	1.21	.48	1.90	1.96	1.15	1.77	1.24	2.49	1.489
May .....	1.61	3.56	2.26	2.20	2.36	.54	.35	1.43	3.42	2.06	1.999
June .....	1.74	2.61	4.28	2.34	2.55	1.24	1.14	2.81	1.96	2.64	2.321
July .....	2.79	2.58	2.16	2.65	3.59	2.59	1.56	.88	1.36	1.59	2.175
August .....	2.62	3.98	2.46	.87	2.01	2.31	2.01	3.06	2.28	1.46	2.306
September .....	.70	1.76	2.65	2.01	1.40	.44	3.23	2.75	.56	2.67	1.819
October .....	1.98	5.04	3.12	2.29	3.20	2.74	1.85	.92	2.58	2.97	2.669
November .....	3.98	2.12	1.89	1.41	2.79	2.81	1.48	2.17	1.68	1.49	2.182
December .....	.82	2.90	1.78	3.70	2.18	1.64	3.55	2.59	2.21	2.31	2.268
TOTALS ....	21.66	29.86	26.66	22.51	(2702)	21.80	21.56	25.34	20.85	26.47	(24.373)

1891 Tettenhall Church 200 yards S.

Trees 10 ft high 40 ft W.S.W.

1894 Jan 30th Gauge moved 1 mile to W.S.W. to Tettenhall Wood  
Tettenhall Wood Church 300 yards W.S.W.

Exposure the best obtainable in a thickish wood

RAINFALL AT Wolverhampton, Titterhall, & Baken CodallLat. .... Lon. .... County of Stafford in Reg. No. 3.

Rain Gauge, by .....

Observer R. T. Smith Esq. cl.Station, No. 2.

Diameter ..	<u>5</u>										
Height ....	<u>1 0</u>										
Altitude ..	<u>475 ft</u>										
Year ....	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	2.87	1.47									
February ..	4.03	1.66									
March ....	.75	2.08									
April.....	.77	1.62									
May .....	1.05	1.17									
June.....	2.39	3.00									
July .....	2.15	2.53	#								
August .....	2.86										
September..	1.23										
October....	3.01	1.65									
November..	2.45	1.36									
December ..	3.48	3.69									
TOTALS ..	27.94										

1901 August 1<sup>st</sup> Gauge moved 3 miles NW  
Codall Church 3/4 mile N.E

RAINFALL at Tettenhall Water Works.

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County of Staffordshire Observer B.L. McMillan Esq., F.C.S.  
 River Basin Severn. Left Bank, Tain 2. Water Engineer, Wolverhampton.

H.C.

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

Diameter ...										5"	
Height .....										10"	
Altitude ...										468'	
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 Miles.
January ...											
February ...											
March .....											
April.....											
May .....											
June .....											
July .....											
August .....											
September...											
October.....											
November...											
December...											
TOTALS...										27'40	25.81
										D	D

Bush 4½ ft. high. 10 ft. W.  
 Tree 10 " " 21 " S.  
 " " " " " E.  
 Chimney 180 ft. " " N.W.

19.2.31 Suspected sea from File

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	Parish Church.	Distance from gauge
			Tettenhall 5400, 2500 ft. E.N.E.			Tettenhall	2500 ft. E.S.E.

## RAINFALL at Lettenhall Waterworks

County of Stafford Observer B. J. M. Mullion

River Basin River - Left Bank 2

Type of Gauge M.O.

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

813050/27

Diameter	5												
Height	0	10											
Altitude		468											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Messrs Totals		
January	1.65	2.33	1.84	2.55	.91	3.18	2.94	2.86	4.98	3.95	27.19		
February	2.30	1.16	3.35	2.29	2.41	2.47	3.62	.65	.92	2.87	19.04		
March	.09	2.19	2.51	2.37	.64	1.71	2.20	.49	1.47	1.68	15.35		
April	3.91	3.58	0.86	2.40	3.56	2.05	2.52	.16	1.59	3.01	23.59		
May	4.06	5.74	1.46	1.01	1.17	1.07	2.29	1.67	1.99	3.01	23.07		
June	3.83	.67	2.60	1.27	3.44	3.55	.79	1.59	1.50	.81	20.05		
July	4.02	5.00	2.20	1.12	.48	6.68	2.68	3.43	4.90	2.60	33.11		
August	5.14	2.81	0.90	2.29	1.66	.55	1.25	3.84	2.33	.42	21.19		
September	2.51	2.63	0.97	1.77	3.50	3.46	2.67	2.07	.78	.91	21.27		
October	1.03	4.28	5.06	1.84	3.93	1.65	2.43	2.49	3.78	3.47	29.96		
November	3.55	1.97	0.93	2.21	5.36	2.55	1.59	3.24	4.92	6.62	32.94		
December	.79	.83	0.44	4.72	2.74	2.39	2.23	3.08	1.96	1.72	20.90		
TOTALS	32.88	32.14	23.12	23.84	29.80	31.31	27.21	25.57	30.72	31.07	287.66		

1931 Bush 4'6" high &amp; 10' w. Tree 10' high 21's. Tree 10' high 21'E. Chimney 150' high 150'h

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			Lettenhall	2500'	E.N.E.	Lettenhall	2500'	E.S.E.
1937				830yds	E.S.E.		830yds	E.N.E.

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

Station No. 2321

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## RAINFALL at Tettenhall Waterworks

County of Stafford

Observer B. L. McMillan Esq. C.E.

River Basin Severn - Bank - 2

Type of Gauge M.O.

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

Ref.....

File No.

813050/27

Diameter	5"				437	866					
Height	5' 10"					1					
Altitude	468'					41					
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means Total
January	4.19	3.54	4.43	2.35	1.64	2.06	2.20	4.22	1.45	.62	26.70
February	2.87	1.07	1.42	1.89	1.87	2.36	1.71	1.10	.59	4.09	18.97
March	3.42	1.74	.90	.55	1.03	.75	5.58	1.23	1.95	.80	16.95
April	1.35	1.26	1.20	1.73	.82	1.42	1.90	1.76	2.02	1.90	15.36
May	3.46	3.90	2.86	.91	3.54	2.41	2.63	2.03	2.64	1.55	25.83
June	1.19	.78	1.72	1.70	2.92	1.94	1.30	3.65	.34	1.91	17.45
July	2.65	2.16	1.62	2.51	2.06	2.05	4.94	1.81	2.73	2.44	25.02
August	3.76	2.02	1.93	2.34	2.29	6.16	1.13	5.81	1.88	2.69	30.01
September	.91	1.29	2.42	2.76	1.54	4.02	1.18	2.50	1.20	4.25	22.13
October	2.32	2.68	1.85	3.38	3.40	.74	.49	2.56	4.62	.95	22.99
November	2.86	1.01	2.01	4.48	.49	5.04	2.06	1.57	2.89	4.41	26.82
December	1.59	3.19	1.11	1.70	2.59	2.98	2.21	4.40	1.15	1.94	22.86
TOTALS	29.63	24.64	D	23.47	26.30	24.19	31.93	27.33	32.64	23.36	27.60
	D	D	D	D	D	D	D	D	D	D	27.11.09

1941 Bush 6' high 10' W. Tree 10' high 21' S. Tree 10' high 21' E. Brimney 180' high 150 N.W.

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			Tettenhall C.W.R.	830.yds	ESE	Tettenhall	830.yds ENE

Station No. 2321

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## RAINFALL at Tattenhall (Waterworks)

County of Staffordshire

Observer B. L. McMillan Esq. C.E.

River Basin River - Left Bank - 2

Type of Gauge M.D.

Annual Average 27.2 in. based on 24 years obs. de-weighted. Period of average 1881-1915 Ref. S.W.S.  
 ... 28.52 " 28 " within 1928-53 " 1916-1950  
 File No. 213050/27

Diameter	5'				437	866						
Height	10' 11' 0"											
Altitude	468					41						
Year	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means	Total
January	2.05	2.35	.95	1.29	2.42	3.08	1.46	1.58	3.21	5.55	23.94	
February	2.43	.47	1.54	2.17	1.55	.66	2.29	3.84	.34	2.28	17.47	
March	4.67	1.84	1.01	2.18	2.91	1.04	2.39	1.18	2.01	1.43	20.66	
April	2.22	2.09	2.81	.49	1.37	1.81	.14	.64	3.70	1.05	16.32	
May	2.83	3.36	2.26	2.72	3.98	.65	1.31	1.85	.65	1.40	21.01	
June	1.29	2.17	2.99	2.82	2.30	2.46	1.91	4.22	1.34	2.17	23.67	
July	1.06	.76	2.98	3.48	.81	2.80	3.17	4.36	1.39	3.82	24.63	
August	4.20	3.80	2.78	4.97	.90	4.84	3.84	2.43	2.88	2.71	33.35	
September	2.99	1.70	2.49	2.29	2.14	2.45	4.27	3.61	.22	5.37	27.53	
October	1.06	3.92	1.93	3.48	1.64	2.16	1.63	2.19	2.73	5.75	26.49	
November	6.52	2.28	1.71	4.93	2.41	.82	2.06	1.93	3.64	4.20	30.50	
December	2.50	3.06	1.21	2.59	1.90	2.82	1.22	2.38	4.07	2.99	24.74	
TOTALS	33.82	27.80	24.66	33.41	24.33	25.49	25.69	30.21	26.18	38.72	290.31	
	D	D	D	D	D	D	D	D	D	D		

1951 Bush 4' high at 10° N., tree 10' high at 21° E., telegraph 150' high at 150° N.W.  
 1957 April figure adjusted in Oct.

Position of Station on Ordnance One-Inch map : No. of Map ..... National Grid Reference 33/884001

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge
1951			Tattenhall	830	E.A.E.	Tattenhall	830

Summary of Earlier Records from 10-year Sheets :

Record D. or d		1910-19	1920-30	1931-40	1941-50	1951-60
			e 1928 ✓	✓	✓	✓