

RAINFALL AT Wolverhampton, Water Works Trenchall

Stafford.

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

Rain { By

Gauge { Diameter.....in.

Height above Ground, 7...ft...0...in.Above Mean Sea Level 458...ft.Season, 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	32.67								

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, Water Works, Tettenhall Stafford

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

Rain { By.....

Gauge {in.

Height above Ground, 180 ft.in.

Above Mean Sea Level, 450 ft.

Seven, L - 2.

YEAR.....	1850	1851	1852								MEANS.
January.....	2.01	2.19	2.65								
February.....	.79	.35	1.41								
March.....	.19	2.46	.24								
April.....	1.46	.94	.36								
May.....	1.40	.57	.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

80

RAINFALL AT Wolverhampton Tettenhall

Lat. _____

Lon. _____

County of _____

Staffordshire

Rain Gauge, by _____

Observer _____

R Smith Esq C.E.

Severn, L-2.

Diameter . . .										5	
Height										1.0	
Altitude										454	
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January . . .								2.67	.64	.44	
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. _____

Lon. _____

 County of Stafford

Rain Gauge, by _____

 Observer R. Smith Esq. C.E.
Seven, L-2.

Diameter	5										
Height	10										
Altitude	454				470 7	486 7					
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	1.505
March	1.14	1.31	.91	.43	1.17	2.03	3.11	2.29	.87	.97	1.423
April .....	.88	1.79	1.21	.48	1.90	1.96	1.15	1.77	1.24	2.49	1.484
May	1.61	3.56	2.26	2.20	2.36	.54	.35	1.43	3.42	2.06	1.949
June	1.74	2.61	4.28	2.34	2.55	1.24	1.14	2.81	1.96	2.64	2.331
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	.57	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	1.817
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	2.21	2.368
TOTALS	21.66	29.86	26.66	22.51	(27.02)	21.80	21.56	25.34	20.85	26.47	(24.373)

1891 Tetterhall 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 Tetterhall Wood.
Tetterhall Wood Church 300 yards W.S.W.

Exposure the best obtainable in a thickish wood

RAINFALL AT Wolverhampton, Tettenhall & Bakon Codsall

Lat. Lon. County of Stafford

Rain Gauge, by Observer R. T. Smith Esq. cl.

Season, 2-2.

Diameter ..	5										
Height	1 0										
Altitude ..	475 R										
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	1.95	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 1st Gauge moved 3 miles NW
Codsall Church 3/4 mile N.N.E

RAINFALL at Lettenhall Water Works.County of Staffordshire Observer B.L. McWilliam, Esq. F.R.S.River Basin Severn. Left Bank. Tails 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 Mean.
January ...									4.56	1.44	4.93
February ...									2.56	.46	.91
March									1.90	.16	2.68
April .....									.97	.57	2.62
May .....									.43	2.01	2.34
June									2.55	1.66	1.03
July									1.77	1.92	5.41
August									2.53	2.02	2.43
September...									.71	.71	3.39
October									4.38	4.00	1.94
November...									3.85	6.08	3.20
December...									1.79	4.78	3.01
TOTALS...									27.40	25.81	34.89
									D	D	D

Bush 4½ ft. high. 10. ft. W.

Tree 10 " " 21 " S.

" " " " " E.

Blindney 180 ft. " " " N.W.

19.2.31 Inspected see from File

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
			Lettenhall S.W.R.	2500 ft.	E.N.E.	Lettenhall	2500 ft.	E.S.E.

RAINFALL at Lettenhall WaterworksCounty of Stafford Observer B. McMillanRiver Basin Severn - Lof Banks 2Type of Gauge M.O.Annual Average in. based on years obs. un-weighted. Period of average 813050/27 Ref.

Diameter	5										
Height	0 10										
Altitude	468										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Mean 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	.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	3.74	1.46	1.01	1.17	1.07	2.29	1.67	1.59	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	2.47	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 & 10' W. Tree 10' high 21'S. Tree 10' high 21'E. Chimney 150' high 150' W.

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

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

Station No. 2321

RAINFALL at Tettenhall Waterworks

41

County of Stafford

Observer B. J. Mc Millan Esq. C.E.

River Basin Severn - 2 Bank - 2

Type of Gauge M.O.

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

File No. 813050/22

Diameter	5"				437	866						
Height	6' 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	2.57	1.07	1.42	1.89	1.87	2.36	1.71	1.10	.59	4.09		18.97
March	2.42	1.74	.90	.55	1.03	.75	5.58	1.23	1.95	.80		16.95
April	1.25	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	2.54	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	.97	1.23	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	23.47	26.30	24.19	31.93	27.33	32.64	23.36	27.60		271.09

1941 Bush 4' high 10' W. Tree 10' high 21' S. Tree 10' high 21' E. Chimney 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.	Direction from gauge.
1941			Tettenhall C.W.R.	830 yds	ESE	Tettenhall	830 yds	ENE

BRITISH RAINFALL ORGANIZATION

Station No. 2321RAINFALL at Lettonhall (Waterworks)

51

County of StaffordshireObserver B. L. Mc Millan Esq. C.F.River Basin Leam - Left Bank - 2Type of Gauge M.O.Annual Average 27.8 in. based on 24 years obs. un-weighted. Period of average 1881-1915 Ref. S.W.S... .. 28.52 28 within 1928-58 File No. 1916-1958 213050/27

Diameter ...	5'				437	866						
Height ...	10'					1						
Altitude ...	468					41						
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means Totals	
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	.56	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	

1951 Bank 44' high at 10' W., base 10' high at 21' E., beginning 150' high at 150' N.W.
 1957. Official figure adjusted in 1958.

Position of Station on Ordnance One-Inch map:

No. of Map.....

National Grid Reference 33/824.001

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

Summary of Earlier Records from 10-year Sheets:

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