

RAINFALL at Staffs Milford Waterworks

County of Staffordshire

Observer

W. Plant Esq., C.E.

River Basin Trent. Right Bank Tributaries 3

London Rain Gauge, by

Diameter ...				5							
Height				1.0							
Altitude ...				246							
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...					1.53	3.23	1.26	2.29	2.07	3.33	
February ...					1.74	2.64	3.70	1.14	1.97	2.24	9.05
March					2.66	.78	3.06	1.99	1.49	5.54	12.08
April					2.74	.60	.94	1.37	1.56	1.41	6.08
May					1.68	1.31	1.74	2.21	2.09	2.06	7.61
June.....					1.25	1.82	.66	2.66	2.52	1.04	7.71
July					1.37	5.16	5.79	2.77	1.57	3.57	2.72
August.....					2.25	1.93	1.87	2.47	4.11	2.13	11.06
September ..					2.19	.99	.42	1.10	1.51	6.22	10.52
October ...					3.75	1.53	2.20	3.83	5.11	1.46	3.08
November..					2.08	3.43	2.47	2.64	1.76	1.80	7.81
December...					1.27	6.62	4.56	2.81	1.35	3.59	11.71
TOTALS ...					2 39.32	27.30	29.88	27.00	28.81	31.00	116.69 40.54

1914 Wall 5' 6" high 8 fl. r

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
	52	3	Milford	50 yds	W	Walter Wall	1 m (700 yds)	W N

RAINFALL at Milford Waterworks,County of StaffordObserver W. Plant, Esq., F.C.S.River Basin 3 - Trent R.Borough Engt & Surveyor Stafford

Inclination Rain Gauge, by _____

Diameter ...	<u>5</u>	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930	Mean
Height	<u>1.0</u>												
Altitude	<u>246</u>												
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930		
January	<u>2.08</u>	2.13	3.85	<u>1.86</u>	2.55	1.97	2.91	2.02	4.85	1.71	<u>3.98</u>	30.91	Totals.
February	<u>2.26</u>	2.28	2.68	<u>5.36</u>	7.7	3.14	2.39	1.67	2.87	6.4	<u>4.47</u>	22.53	
March	<u>2.10</u>	1.52	2.33	<u>1.61</u>	7.9	1.08	1.10	2.39	2.17	3.0	<u>3.90</u>	19.29	
April	<u>4.45</u>	1.17	2.04	<u>2.34</u>	2.88	1.20	1.53	2.06	1.80	6.2	<u>2.57</u>	22.66	
May	<u>2.80</u>	1.29	1.09	<u>2.39</u>	3.92	5.23	4.30	1.59	3.7	1.95	<u>2.16</u>	28.09	
June	<u>2.18</u>	3.8	.66	<u>4.7</u>	2.69	.18	1.56	4.86	3.35	1.40	<u>1.29</u>	20.02	
July	<u>4.85</u>	.54	4.28	<u>5.94</u>	3.40	3.25	1.93	2.69	1.51	1.99	<u>6.58</u>	36.76	
August	<u>1.21</u>	3.33	3.91	<u>2.16</u>	3.51	2.62	1.93	4.64	3.86	2.08	<u>2.87</u>	32.12	
September	<u>1.93</u>	.87	2.93	<u>2.41</u>	3.71	3.87	1.11	3.78	1.16	.56	<u>3.65</u>	25.98	
October	<u>2.29</u>	2.85	.48	<u>3.38</u>	3.48	4.51	2.92	1.94	3.74	3.77	<u>2.93</u>	31.72	
November	<u>.75</u>	1.73	1.02	<u>2.11</u>	1.62	1.49	4.85	3.51	3.56	6.05	<u>3.24</u>	29.93	
December	<u>2.89</u>	2.09	4.10	<u>4.10</u>	2.58	2.27	.66	2.02	1.97	4.86	<u>2.76</u>	29.80	
TOTALS	<u>31.79</u>	17.68	29.37	<u>34.13</u>	32.20	30.81	27.09	33.17	31.24	25.93	<u>36.40</u>	329.71	
		<u>D</u>	<u>D</u>	<u>D</u>	<u>D</u>	<u>D</u>	<u>D</u>	<u>D</u>	<u>D</u>	<u>D</u>	<u>D</u>		

1920. Wall 5' 6" high. 80° N.

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

Reference No. _____

Date.	Lat. N.	Long. E.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge
1920	52	3	Milford	5025. W.	75111	170095. N.W.	

RAINFALL at Milford Waterworks

County of Staffordshire Observer W. Plant, Esq., C.E.

River Basin Trent Right Bank trib3

Type of Gauge Standard

Annual Average 27.5 in. based on 12 years obs. un-weighted. Period of average 1881-1915 Ref. S.

663384/26

Diameter	5											
Height	10											
Altitude	246											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	Totals
January	1.73	2.20	1.76	2.44	1.17	3.54	3.58	2.95	5.49	2.78		27.64
February	2.68	1.13	4.16	3.32	2.56	1.98	4.44	1.68	1.22	2.41		20.58
March	1.12	1.78	2.94	2.61	1.52	1.75	2.36	1.47	1.23	1.94		15.72
April	3.60	2.81	1.04	1.55	2.89	1.82	2.14	1.21	1.73	2.85		20.64
May	3.34	3.49	1.56	1.83	1.69	1.59	2.38	1.58	1.45	2.78		20.69
June	5.92	4.48	1.96	1.04	3.00	4.68	1.69	1.90	1.41	.75		21.83
July	3.76	3.16	2.91	1.27	1.38	4.74	2.36	3.26	5.28	2.91		30.63
August	5.79	2.21	1.02	2.44	1.58	1.76	1.76	3.49	6.00	1.41		24.46
September	2.57	2.20	0.93	1.40	3.37	3.70	2.85	2.60	1.80	.94		21.56
October	5.6	5.29	4.73	2.86	3.79	1.90	2.02	3.17	3.37	3.29		31.28
November	3.30	2.29	1.19	2.09	5.01	2.55	1.50	3.37	4.13	6.72		32.15
December	1.14	.81	0.33	4.53	3.14	1.93	3.48	3.16	1.97	2.07		22.56
TOTALS	35.11	28.85	24.53	23.38	28.10	29.94	28.56	27.34	34.08	29.85		289.74

1031. Wall 5½' high 8' N.

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.			L. M. & S.	50yds.	W.	Tixall	170yds.	N.

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

Station No. T.F. 2349

RAINFALL at Tixall Waterworks

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County of Staffordshire

Observer

W. Plant Esq. C.E.

1946

River Basin Trent Right Bank - 3Water Engineer (Tixall)G. J. PLANT
630Type of Gauge SnowdonAnnual Average 27.5 in. based on 12 years obs. un-weighted. Period of average 1881 - 1916. Ref. 5File No. 66.3384.12

Diameter	5"				092	593						
Height	1' 0"						1					
Altitude	246'						41					
Year	1841	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means	
January	3.11	3.79	4.02	3.01	2.09	2.54	2.28	5.05	1.63	.85		Total 28.37
February	2.66	1.40	1.23	1.77	2.41	4.21	1.93	1.22	.67	4.51		22.01
March	2.64	2.34	1.02	.55	1.25	.76	5.04	1.01	1.94	.77		17.32
April	1.76	.99	1.32	2.46	1.54	1.45	1.95	2.64	2.42	2.47		19.00
May	2.73	2.92	2.46	.72	4.21	2.34	2.85	1.60	1.18	1.02		22.03
June	.96	.28	2.26	2.41	2.51	2.67	1.70	3.84	.37	1.24		18.24
July	3.56	2.34	1.59	3.19	1.36	2.12	3.92	2.07	2.22	1.95		24.32
August	3.16	1.77	1.76	1.94	3.14	5.97	1.28	5.07	1.96	4.21		30.26
September	1.43	1.27	3.70	2.91	2.29	4.33	1.40	2.29	.97	4.66		24.25
October	3.00	2.72	2.02	3.40	3.88	.53	.50	2.35	4.04	1.04		23.48
November	3.11	.98	2.15	4.39	.29	4.10	2.64	1.45	2.72	3.49		25.32
December	1.45	3.18	1.00	1.56	2.23	2.44	2.70	4.32	1.82	2.50		23.19
TOTALS	28.57	23.98	24.53	28.30	27.20	33.46	28.19	32.91	21.94	28.71		277.79
	D	D	D	D	D	D	D	D	D	D		44

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
1941			L.M.S.	50 yds	W.	Tixall	1700 yds	N.

Station No. 2349 T.F. 17

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RAINFALL at Milford (Matisworks)

County of Staffordshire

Observer Water Engineer (Stafford)

River Basin Trent - Right Bank - 3

G.S. Plant Eng.

Type of Gauge Snowdon

Annual Average 27.5 in. based on 12 years obs. un-weighted. Period of average 1881-1915 Ref. S
 28.97 " " 35 " 1916-1950 1916-1950 P
 File No. 663384/26

Diameter	5"			092	593							
Height	1' 0"					1						
Altitude	2461					51						
Year	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means	Total
January	2.09	2.78	.76	1.37	2.42	3.48	1.63	2.00	2.82	4.88	24.23	
February	2.58	.58	1.67	2.55	2.22	.57	1.95	4.14	.42	2.06	18.74	
March	4.21	1.69	1.34	2.24	3.14	1.39	1.98	1.71	2.02	1.86	21.58	
April	2.35	2.75	2.96	.36	1.61	1.51	.19	.59	2.98	1.88	17.08	
May	3.15	3.78	3.19	2.88	4.01	.69	1.06	2.45	.65	1.34	23.20	
June	1.64	2.59	2.97	3.27	3.02	2.43	2.13	4.79	1.49	3.01	27.31	
July	1.31	1.63	2.64	3.63	1.11	2.24	3.87	5.64	2.19	3.75	28.01	
August	4.45	1.92	2.56	5.11	1.24	4.78	5.68	3.79	1.47	3.71	34.71	
September	3.23	1.35	2.31	2.49	2.66	3.30	5.27	4.12	.14	5.50	30.37	
October	.92	4.11	1.37	4.33	1.76	1.89	2.09	2.57	2.07	5.32	26.43	
November	6.45	1.70	1.72	6.09	2.13	1.04	1.99	1.82	3.62	3.68	29.24	
December	2.56	3.06	1.19	3.45	1.98	3.05	1.40	3.14	3.65	2.83	26.31	
TOTALS	34.94	27.94	24.65	36.77	27.20	26.37	29.24	36.76	23.52	39.82	307.21	
D	D	D	D	D	D	D	D	D	D	D		

Position of Station on Ordnance One-Inch map :

No. of Map

National Grid Reference 17133975212

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Parish Church.	Distance from gauge

Summary of Earlier Records from 10-year Sheets :

1916-1950, P - accepted

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
	cimp. 1913	✓	✓	✓	✓