

# RAINFALL at *Stafford Sanitary District*

County of *Staffordshire*Observer *W. B. Clark**Rant Esq C.E.*River Basin *Irwell Right Bank Tributaries*

Sunder Rain Gauge, by

Diameter ...				5								
Height .....				1 6								
Altitude ...				249								
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.	Totals.
January ...					1.63	3.30	1.41	2.40	2.00	2.89		16.19
February ...					1.69	2.79	4.00	1.12	2.17	1.99		8.70
March .....					2.75	1.22	3.21	1.90	1.58	5.25		9.28
April .....				2.92	1.01	1.13	1.42	1.55	1.54	1.50		11.94
May .....				1.72	1.71	1.94	2.39	2.70	2.92	1.17		6.01
June .....				1.39	1.76	1.02	2.57	2.58	.97	1.34		9.18
July .....				1.20	4.02	5.96	1.98	2.16	3.35	3.15		7.46
August .....				2.13	1.77	1.96	2.37	5.31	2.36	2.27		10.64
September ..				2.22	1.28	.70	1.33	1.38	6.45	2.13		12.31
October ...				3.58	1.27	2.31	3.65	4.54	1.46	3.01		11.29
November ..				2.11	3.42	2.76	2.70	1.92	1.73	1.60		12.66
December...				1.49	6.53	4.68	2.97	1.39	3.94	4.04		7.95
TOTALS ...					28.94	29.77	30.00	28.95	30.47	30.34		119.76

1914 Hedge 5 ft high 30 ft S

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
	52	3	Stafford	1000 yds	W	St Mary's	660 yds	W

RAINFALL at Stafford (Operation Sept. 1930.)County of Staffs.Observer W. Plant, Esq. F.R.S.River Basin S - Trent R.Birmingham & Co. SurveyorsShadon Rain Gauge, by \_\_\_\_\_

Diameter ...	5											
Height .....	1.6											
Altitude ...	249											
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 June	Totals.
January ...	3.48	2.52	3.83	2.10	2.64	1.91	2.43	2.19	4.77	1.70	4.22	31.79
February ...	2.12	.27	2.56	4.60	.81	3.29	2.49	1.53	3.00	.47	.50	21.64
March .....	2.37	1.47	2.51	1.71	.99	1.13	1.08	2.18	2.27	.51	3.31	19.53
April .....	4.25	1.26	2.00	2.29	2.60	1.15	1.81	2.08	1.99	.76	2.37	22.56
May .....	3.92	1.76	.99	2.49	4.10	3.90	4.86	1.61	.22	2.14	2.25	27.94
June .....	2.89	.81	.76	.40	2.52	.16	2.03	5.25	3.31	1.50	1.30	20.73
July .....	4.84	.59	4.61	5.25	3.16	3.84	2.03	2.62	1.59	1.80	6.49	36.82
August .....	1.23	3.61	3.98	2.30	3.62	2.20	2.02	4.75	3.20	1.96	2.79	31.66
September...	1.82	.82	2.56	2.44	3.68	4.38	1.11	4.48	1.31	.78	3.68	27.06
October .....	2.39	2.48	.36	3.42	3.65	3.93	2.54	2.08	3.84	3.63	3.35	31.72
November...	.89	1.80	1.04	1.96	1.66	1.83	4.42	3.43	4.16	6.29	3.51	30.99
December...	2.42	2.43	4.40	4.43	2.40	2.20	.75	1.84	2.40	4.64	2.73	30.84
TOTALS...	22.62	19.82	29.60	33.39	31.83	29.92	27.27	34.04	32.06	26.23	36.50	333.28
	D	D	D	D	D	D	D	D	D	D	D	4116

1920. 24.56. 5.16. 5.16. 5.16.

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
1920.	52°	3°	Stafford	1000 yds.	W.	S. Mary's	660 yds.	W.

Victoria Pleasure Grounds.

RAINFALL at Stafford (Corporation Depot)County of StaffordshireObserver W. Plant, Esq., C.E.River Basin Trent Right Bank, tribs 3Type of Gauge Grosvenor + A (bought 7/31)Annual Average 27.2 in. based on 12 years obs. ~~un~~-weighted. Period of average 1881-1915. Ref.

663384/26.

Diameter	5												
Height	1	6											
Altitude	249			245	245				245				
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means		
January	2.03	2.83	1.96	2.54	1.19	3.39	3.39	3.22	6.41	3.22		Total	30.78
February	2.69	2.0	4.14	2.7	2.84	1.85	4.53	7.4	1.41	2.72			21.39
March	2.0	1.80	2.67	2.86	5.7	1.85	2.54	5.4	1.36	2.48			16.87
April	4.19	2.68	1.28	1.80	2.93	1.81	2.21	2.3	1.78	3.57			22.68
May	3.71	5.12	1.26	9.2	.84	7.1	2.17	2.34	5.47	2.02			20.56
June	4.91	4.7	2.81	1.00	3.87	4.14	5.5	1.93	1.91	.87			22.46
July	3.36	3.00	2.76	1.55	5.6	4.81	3.07	3.56	5.88	2.97			31.5
August	5.49	1.68	1.23	3.27	2.12	.87	.91	3.37	3.59	4.6			22.97
September	3.51	2.53	1.16	1.90	3.92	3.65	3.39	2.06	.75	1.24			24.11
October	.90	5.52	5.02	3.28	4.18	1.91	2.06	3.63	3.55	3.88			33.93
November	3.89	2.66	1.15	2.41	5.41	2.83	1.41	3.92	4.34	7.21			35.23
December	1.29	.96	0.45	4.42	3.31	2.24	3.70	3.32	2.44	2.48			24.61
TOTALS	36.17	29.45	25.88	26.22	31.74	30.06	29.93	28.86	34.89	33.12			306.32
	D.	D.	D.	D.	D.	D.	D.	D.	D.	D.			488

1931. Hedge 5' high 30' W.

1912. Road to Victoria Pleasure Grounds (Continuation) 1 1/2 m., 1807 S.W.

1934 Hedge 5' high 25' E.

1937 Automatic gauge in use with check gauge

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
1931.			2 m. N. E.	1000 yds.	W.	St. Mary	660 yds.	W.
1935			2 m. N. E.	220 yds.	W.	St. Mary	350 yds.	N.

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



Station No. *T.F. 2351*RAINFALL at *Stafford (Victoria Pleasure Grounds)* ✓

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County of *Staffordshire* Observer *W. Plant Esq. C.E.*River Basin *Trent - Right Bank - 3*Type of Gauge *Snowdon (+A)**Boverly*  
*South Engineer (1946)*  
G. J. Plant, Esq.Annual Average *27.2* in. based on *12* years obs. un-weighted. Period of average *1881-1915* Ref.File No. *663384/26*

Diameter	5			091	106							
Height	16				1							
Altitude	245				41							
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means	
January	3.85	4.06	4.57	3.17	2.50	2.68	2.14	4.78	1.44	.72		Totals 29.71
February	3.23	1.46	1.30	2.14	2.23	4.28	1.67	1.42	.63	4.05		22.41
March	2.80	2.62	.82	.61	1.31	.72	5.06	1.17	1.94	.78		17.83
April	1.55	1.14	1.29	2.16	1.56	1.57	2.03	1.94	2.20	2.70		18.14
May	2.96	3.15	2.64	1.17	4.34	2.20	3.21	1.55	1.37	.98		23.57
June	1.35	.86	2.64	2.54	2.81	3.27	1.36	3.75	.38	1.48		20.44
July	3.38	2.07	1.68	3.35	1.56	2.23	3.76	1.64	1.98	1.98		23.6
August	3.65	1.87	2.21	1.90	2.74	6.68	.76	3.81	1.54	4.90		30.06
September	.53	1.36	3.06	3.15	2.25	3.84	1.28	2.35	.78	4.12		22.72
October	3.17	3.16	2.29	3.30	4.33	.39	.36	2.21	3.97	1.39		24.57
November	3.41	.94	2.58	4.24	.34	4.70	2.25	1.64	2.56	3.20		25.86
December	1.89	3.17	1.33	1.69	2.25	2.58	2.20	4.26	1.80	2.80		23.97
TOTALS	31.77	25.86	26.42	29.42	28.22	35.14	26.08	30.52	20.59	29.10		283.12
	D	D	D	D	D	D	D	D	D	D		102

1941 Hedge 5' high 25' E

1947. Engineer visits gauge stand. Noted on inspection with 7.12.47.

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			L.M. & S.	220 yds	W	St. Mary	300 yds	N.

BRITISH RAINFALL ORGANIZATION

RAINFALL at Stafford (Victoria Reserve Ground) Station No. 2351 T.F. 17  
 County of Staffordshire Observer [Borough Engineer] G. J. Plant  
 River Basin Trent Right Bank  
 Type of Gauge Snowdon (1912)

Annual Average 27.2 in. based on 12 years obs. un-weighted. Period of average 1881-1915 Ref. As 5  
29.79 " " 35 " " 1916-1950 1916-1950 P  
 File No. 662384/126

Diameter ...	5			091	106	5"						
Height ...	1'6"				1	1'						
Altitude ...	245'				51	247						
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means	Totals
January ...	2.16	2.32	.70	1.23	2.33	3.45	1.67	2.22	2.62	4.86	23.56	
February ...	2.39	.61	1.56	2.26	1.85	.63	1.72	3.65	.39	1.93	16.99	
March ...	3.88	1.62	1.19	2.08	2.53	1.17	2.03	1.59	1.81	1.32	19.22	
April ...	2.00	2.52	2.18	.49	1.46	1.41	.23	.56	3.14	1.68	15.87	
May ...	2.79	3.23	2.76	2.22	3.76	.67	1.25	1.98	.79	1.26	20.71	
June ...	1.70	2.57	2.97	3.17	2.77	2.48	1.96	4.54	1.27	3.28	26.71	
July ...	1.31	2.36	2.62	3.59	.78	1.85	3.95	4.62	2.03	3.26	26.37	
August ...	3.95	2.60	2.41	4.73	1.00	4.27	4.86	3.16	1.18	3.39	31.55	
September ...	3.00	1.84	2.08	2.04	2.79	2.76	4.74	3.35	.15	5.51	28.25	
October ...	.96	3.64	1.29	4.64	1.39	1.83	2.24	2.51	1.97	4.68	25.15	
November ...	5.71	1.57	1.60	4.79	1.72	1.07	1.69	1.62	3.07	4.11	26.95	
December ...	2.40	3.13	1.24	3.18	2.06	2.52	1.30	3.13	3.52	3.03	25.51	
TOTALS ...	32.45	28.01	22.60	34.42	24.44	24.10	27.64	32.93	21.94	38.31	286.84	
	D	D	D	D	D	D	D	D	D	D	D	

Gauge moved about 1/2 mile to Riverway Nurseries during 1951-52 (date not available) No change of number but name amended W.E.F. BR 1951. L.H.D 31.12.51

Position of Station on Ordnance One-Inch map :

No. of Map.....

National Grid Reference 22 927229

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge.	Direction 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
	comp. 1913 D15-19	✓ ✓	✓ ✓	✓ ✓	