

# RAINFALL AT

*Droitwich Fair Street Depot*

Lat. \_\_\_\_\_

Lon. \_\_\_\_\_

County of *Worcester*

Rain Gauge, by *N<sup>o</sup> 3*

Observer *H. Hulse Esq. Ch.*

Season, *20-21*

Diameter ...									12		
Height .....									2.9		
Altitude ...									98		
Year ...	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ...										.90	
February ...										.42	
March .....										2.62	
April .....										2.10	
May .....										1.15	
June .....										3.64	
July .....									2.20	3.05	
August .....									2.61	1.97	
September ..									1.42	3.43	
October ...									1.96	3.39	
November ..									1.53	.78	
December ...									1.87	4.01	
TOTALS ...										27.47	

1908 Droitwich Station 250 yards S.W.

St. Nicholas Church 450 . S.W.

Workeley 1075 ft 20 fms S.W.

RAINFALL at Droitwich Fair Street DepotCounty of Worcestershire Observer H. Kuley Esq C.E.River Basin Severn Left Bank Tributaries 2Rain Gauge, by N.T.3

Diameter ...	12											
Height .....	2.9											
Altitude ...	98 ft											
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.	
January ...	2.25	.80	3.79	3.38	.71	2.69	.90	1.78	2.22	3.27		Totals 18.79 8.17
February ...	2.93	1.50	1.47	1.05	1.70	3.63	3.58	.87	1.35	2.19		7.99
March .....	.64	1.88	3.54	4.28	2.44	.67	3.18	2.05	1.06	3.97		10.26
April .....	1.86	.88	.04	3.31	1.14	1.43	.99	1.31	2.56	1.90		6.76
May .....	1.32	.48	3.07	2.52	1.67	2.42	2.49	3.85	2.31	.67		9.32
June .....	2.35	1.39	5.75	.82	2.15	.84	1.81	2.80	.72	1.20		6.53
July .....	2.01	.33	2.83	1.20	3.41	6.79	1.81	2.01	2.44	3.16		9.42
August .....	6.38	1.79	7.68	1.36	1.87	1.68	2.46	4.87	.92	2.02		10.27
September ..	.78	1.36	.75	1.99	.98	.90	1.14	1.76	4.98	1.60		9.48
October ...	2.75	1.68	2.71	3.74	1.71	3.72	3.46	2.74	1.64	2.24		10.08
November ..	3.98	2.47	1.74	3.02	2.14	2.18	2.44	.96	1.74	.83		5.97
December ...	4.32	5.19	3.72	1.19	5.82	4.62	2.34	1.10	1.97	3.38		8.79
TOTALS ...	31.57	19.75	37.09	27.86	25.74	31.57	26.60	26.10	23.91	26.43		103.04 12.11

1914 Workshop 9 ft high 20 ft W

Date.	Lat. N.	Long. W.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
	52.16	2.9	Droitwich adjoining	See 200 yds 6600	W 200	St Nicholas	See 200 1100 yds	SW

RAINFALL at *Droitwich (7 ft. High Sept)*County of *Worcester*Observer *26. 26. 1928. E. G. Butler.*River Basin *2 - Severn L.**Borough Engineer.*Rain Gauge, by *N. 2. 3.*

Diameter ...	12											
Height .....	2.9	4	0									
Altitude ...	98											
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MEAN	Totals.
January ...	2.66	2.40	3.31	1.45	2.99	1.77	3.21	3.21	4.00	1.17	4.68	30.85
February ...	.94	.20	2.48	5.21	.50	2.92	2.29	3.02	2.12	.65	.30	20.63
March .....	2.48	1.24	2.02	1.36	.95	.52	.52	2.14	2.41	.05	1.92	15.61
April .....	3.60	.93	2.13	2.63	3.89	2.31	2.33	1.45	1.56	.36	3.07	24.26
May .....	2.10	1.59	1.20	1.48	6.95	4.06	3.64	1.67	.76	1.68	2.90	28.03
June .....	2.26	.55	.85	.48	2.95	.06	1.50	3.72	2.45	1.51	1.44	17.77
July .....	4.00	.74	4.35	2.40	3.77	3.70	2.11	4.08	1.24	1.77	3.09	31.25
August .....	1.21	3.50	3.69	1.91	3.31	2.43	2.06	3.98	1.68	1.87	3.39	29.03
September...	2.07	1.02	2.34	1.94	3.29	3.95	.70	3.77	.57	1.03	4.80	26.08
October .....	3.15	1.57	.22	3.95	4.17	3.27	2.23	1.74	4.55	3.94	2.80	31.59
November...	.70	1.72	1.08	1.74	2.75	1.59	5.90	3.28	2.80	8.18	2.68	32.42
December...	2.14	2.04	3.31	3.03	3.38	2.54	.52	2.31	1.90	5.97	3.32	30.46
TOTALS...	27.31	17.50	26.98	27.58	39.50	29.12	27.01	34.37	26.04	28.18	34.39	317.98
	D.	D	D	D	D	D.	D	D	D	D	D	466

1920. Windstop 12 ft. high. 30 ft. off. 45.

Position of Station on reduced Ordnance Survey } 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° 16'	2° 44'	Droitwich	440 yds.	S.W.	St. Nicholas	600 yds.	S.W.



# RAINFALL at Droitwich (First Street District) M.W.R.

County of Worcestershire Observer Borough Engineer & Surveyor

River Basin Severn Left Bank trib 2

Type of Gauge .....

Annual Average 25.4 in. based on 17 years obs. un-weighted. Period of average 1861-1915 Ref. S

106566/81

Diameter	12		5	5		5"						
Height	4 0		1 0	1 0		1 0"						
Altitude	98		106	106'		106'						
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	
January	1.23	2.48	2.09	2.30	.86	2.82	2.78	2.59	5.10	3.01		Totals 25.26
February	2.18	.17	2.30	.36	1.91	2.26	3.59	.50	0.26	2.20		16.33
March	.42	1.61	1.72	1.73	.40	1.82	2.48	.30	1.39	1.42		13.29
April	2.70	2.73	0.86	1.92	3.53	1.54	1.99	.13	1.47	1.89		18.76
May	4.45	7.98	1.34	.96	.75	1.61	1.94	1.54	0.87	2.55		23.99
June	4.08	.33	1.56	.78	3.15	2.57	.57	1.26	1.52	1.25		17.07
July	4.43	3.08	1.27	.76	.50	5.44	2.53	2.63	4.32	2.48		27.2
August	3.74	3.64	0.67	1.52	1.18	.47	.45	2.79	1.91	.32		16.69
September	2.51	2.80	0.78	1.51	3.31	2.14	2.30	1.50	1.12	1.24		19.21
October	.81	2.87	3.09	1.06	2.96	1.04	2.47	2.45	2.86	3.12		22.73
November	3.86	1.20	0.68	1.32	5.20	2.14	1.44	2.66	3.31	5.84		27.65
December	1.06	1.02	0.37	4.22	2.96	2.43	2.13	3.41	1.69	1.26		20.15
TOTALS	31.47	29.91	16.83	18.44	26.71	25.88	24.67	21.76	26.42	26.58		243.07
	D.	D.	D.	D.	D.	D.	D.	D.	D.	D.		1916

Gauge moved Feb. 1934 200 yards to Sewage Works.

Inspected 6/5/36. Satisfactory.

1937 Health Dept. Inspected 25/1/37 O.K.

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
			Droitwich	200 yds.	S.	Droitwich	300 yds.	S.

Station No. 1.W.R. 2405RAINFALL at Droitwich (Sewage Works)

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County of WorcestershireObserver Borough Engineer & SurveyorRiver Basin Severn - Left Bank - 2

Type of Gauge

Annual Average 25.4 in. based on 17 years obs. ~~un~~-weighted. Period of average 1881-1915 Ref S

File No.

Diameter	5"				439	660						
Height	1' 0"					1						
Altitude	106'					21						
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means	
January	3.14	2.97	4.94	2.06	1.49	2.21	1.63	3.84	1.44	.49		Totals 24.21
February	2.13	.66	1.16	.91	1.56	1.42	.93	1.06	.67	3.73		14.23
March	1.91	1.76	.97	.29	.88	.60	5.08	.95	1.68	1.28		15.37
April	1.69	.88	.95	1.60	.74	2.44	1.78	1.73	2.24	1.61		15.66
May	1.94	3.83	3.04	.63	3.03	2.81	2.19	2.62	2.77	1.33		24.09
June	1.90	.08	1.98	1.45	2.44	2.39	1.35	2.41	.18	1.59		15.77
July	5.31	1.16	.87	2.44	2.21	1.58	2.25	1.12	2.48	2.30		21.72
August	3.33	1.35	1.24	3.55	2.83	5.62	1.14	4.90	.86	3.13		28.60
September	.68	1.23	1.80	3.07	1.48	2.84	1.13	2.38	1.39	2.96		19.02
October	2.13	2.55	2.07	2.78	3.01	.51	.30	2.00	4.37	.75		20.47
November	2.60	1.12	1.29	4.09	.11	4.07	1.62	1.22	2.19	2.71		22.22
December	1.27	3.18	1.16	1.46	3.31	2.08	1.71	3.70	1.26	1.40		20.53
TOTALS	28.08	21.43	21.47	24.33	23.09	28.57	21.11	28.13	21.53	24.16		241.87
	D	D	?	24.33	D	D	D	D	D	D		424

1950 forecast by R.F. Knudsen 22/9/50. Sals.

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

BRITISH RAINFALL ORGANIZATION

RAINFALL at Droitwich (Sewage Works)

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County of WorcestershireObserver Borough Engineer & Surveyor.River Basin Levern Left Bank - 2Type of Gauge Snowdon (B.R.O. 446/62)Annual Average 25.4 in. based on 17 years obs. un-weighted. Period of average 1881-1915 Ref. S

File No.

Diameter ...	5"			439	680						
Height ...	1' 0"				1						
Altitude ...	106'				51						
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	2.02	1.69	.56	.95	1.99	2.66	.92	1.88	3.40		
February ...	2.44	.46	1.19	2.00	1.11	.21	2.24	3.80	15#		
March ...	3.64	1.58	.87	1.99	2.12	1.04	1.30	.94			
April ...	2.35	1.79	1.76	.32	1.06	1.05	.06	.42			
May ...	2.63	2.39	2.33	2.81	2.88	.62	1.30	2.30			
June ...	.89	1.42	1.19	2.42	2.95	1.92	1.13	3.21			
July ...	1.53	.44	2.51	2.91	1.07	3.03	2.76	2.59			
August ...	3.42	5.77	2.35	3.64	.77	5.01	4.10	2.98			
September ...	2.59	1.12	2.03	.93	1.52	2.34	3.14	4.83			
October ...	.52	3.78	1.76	2.42	1.19	1.42	1.07	2.16			
November ...	5.55	1.46	.98	4.93	3.28	.78	1.89	1.88			
December ...	1.79	2.01	1.11	1.46	1.76	2.56	1.62	3.85			
TOTALS ...	29.37	23.91	18.64	26.70	21.70	22.54	21.53	30.84	inc		
	D	D	D	D	D	D	np	np	np		

1955 - May - inspected - gauge slightly tilted and tilted, overhauled.  
 June 17' x 18' x 4" also 25' x 46' x 55" x 16' x 16' x 4"

Dec 1955 - G. moved to new site  
 June 29/6/57. R. Zohell. G. a bit tilted. New site satisfactory. No shelter by trees very slight slope down to South.

1958 - Hole in gauge - new one on loan - readings re-commenced Aug '58.

1957 - np. g. leaking.

1959 - 9th moved to Sec. Ind. School 18.3.59

1960 np lns

Position of Station on Ordnance One-Inch map :

No. of Map.....

National Grid Reference

32/892638

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

Summary of Earlier Records from 10-year Sheets :

1916-1950, P - Rejected

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