

## RAINFALL AT Droitwich Funicular Depot

Lat.

Lon.

County of Worcester

Rain Gauge, by N &amp; J

Observer H. Hale Esq. Cr.

Seven, 2.

Diameter ...										12	
Height .....										2.9	
Altitude ...										98	
Year ...	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ...										.90	
February ...										.43	
March .....										2.62	
April .....										2.10	
May .....										1.15	
June.....										3.64	
July .....									2.30	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 SW

St. Nicholas Church 450 SW

Workshop 100 ft high 20 feet SW

## RAINFALL at Droitwich Fresh Water Depot

County of Worcestershire

Observer H. Hales Esq C.E.

River Basin Severn - Left Bank Tributaries 2

Rain Gauge, by N.T. 3

Diameter ...	12											
Height .....	2.9											
Altitude ...	98 ft											
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	M.RANS.	
January ....	2.25	.80	3.79	3.38	.71	2.69	.90	1.78	2.22	3.27		Totals
February ....	2.93	1.50	1.47	1.05	1.70	3.63	3.58	.87	1.35	2.19		16.79
March .....	.64	1.88	3.54	4.28	2.44	.67	3.18	2.05	1.06	3.97		8.17
April .....	1.86	.88	.04	3.31	1.14	1.43	.99	1.31	2.56	1.90		10.26
May .....	1.32	.48	3.07	2.52	1.67	2.42	2.49	3.85	2.31	.67		6.76
June .....	2.35	1.39	5.75	.82	2.15	.84	1.81	2.80	.72	1.20		9.32
July .....	2.01	.33	2.83	1.20	3.41	6.79	1.81	2.01	2.44	3.16		6.53
August .....	6.38	1.79	7.68	1.36	1.87	1.68	2.46	4.87	.92	2.02		9.42
September ..	.78	1.36	.75	1.99	.98	.90	1.14	1.76	4.98	1.60		10.27
October ...	2.75	1.68	2.71	3.74	1.71	3.72	3.46	2.74	1.64	2.24		9.48
November ..	3.98	2.47	1.74	3.02	2.14	2.18	2.44	.96	1.74	.83		10.08
December ...	4.32	5.19	3.72	1.19	5.82	4.62	2.34	1.10	1.97	3.38		5.97
TOTALS ...	31.57	19.75	37.09	27.86	25.74	31.57	26.60	26.10	23.91	26.43		87.79
	D	D	D	D	D	D	D	D	D	D		103.04

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 adjoins T	1.04 2.04 6.60	W NW	St. Nicholas 1917	1.04 1.04 1.04	S.W.

RAINFALL at Droitwich (Market Street Depot)County of WorcesterObserver 26. Webb Esq., C.E.River Basin 2 - Severn L.

1928 Chas. G. Butler.

Borough Surveyor.

Rain Gauge, by N & G.

Diameter ...	<u>12</u>										
Height .....	<u>2.9</u>	<u>4.0</u>									
Altitude ...	<u>98</u>										
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	<u>1930</u> MEDIANA
January ...	<u>2.66</u>	<u>2.40</u>	<u>3.31</u>	<u>1.45</u>	<u>2.99</u>	<u>1.77</u>	<u>3.21</u>	<u>3.21</u>	<u>4.00</u>	<u>1.17</u>	<u>4.68</u>
February ...	<u>.94</u>	<u>2.0</u>	<u>2.48</u>	<u>5.21</u>	<u>.50</u>	<u>2.92</u>	<u>2.29</u>	<u>3.02</u>	<u>2.12</u>	<u>.65</u>	<u>.30</u>
March .....	<u>2.48</u>	<u>1.24</u>	<u>2.02</u>	<u>1.36</u>	<u>.95</u>	<u>.52</u>	<u>.52</u>	<u>2.14</u>	<u>2.41</u>	<u>.05</u>	<u>1.92</u>
April .....	<u>2.60</u>	<u>.93</u>	<u>2.13</u>	<u>2.63</u>	<u>3.89</u>	<u>2.31</u>	<u>2.33</u>	<u>1.45</u>	<u>1.56</u>	<u>.36</u>	<u>3.07</u>
May .....	<u>2.10</u>	<u>1.59</u>	<u>1.20</u>	<u>1.48</u>	<u>6.95</u>	<u>4.06</u>	<u>3.64</u>	<u>1.67</u>	<u>.76</u>	<u>1.68</u>	<u>2.90</u>
June .....	<u>2.26</u>	<u>.55</u>	<u>.85</u>	<u>.48</u>	<u>2.95</u>	<u>.06</u>	<u>1.50</u>	<u>3.72</u>	<u>2.65</u>	<u>1.51</u>	<u>1.44</u>
July .....	<u>4.00</u>	<u>.74</u>	<u>4.35</u>	<u>2.40</u>	<u>3.77</u>	<u>3.70</u>	<u>2.11</u>	<u>4.08</u>	<u>1.24</u>	<u>1.77</u>	<u>3.09</u>
August .....	<u>1.21</u>	<u>3.50</u>	<u>3.69</u>	<u>1.91</u>	<u>3.31</u>	<u>2.43</u>	<u>2.06</u>	<u>3.98</u>	<u>1.68</u>	<u>1.87</u>	<u>3.39</u>
September...	<u>2.07</u>	<u>1.02</u>	<u>2.34</u>	<u>1.94</u>	<u>3.39</u>	<u>3.95</u>	<u>.70</u>	<u>3.77</u>	<u>.57</u>	<u>1.03</u>	<u>4.80</u>
October.....	<u>2.15</u>	<u>1.57</u>	<u>.22</u>	<u>3.95</u>	<u>+17</u>	<u>3.27</u>	<u>2.23</u>	<u>1.74</u>	<u>4.55</u>	<u>3.94</u>	<u>2.80</u>
November...	<u>.70</u>	<u>1.72</u>	<u>1.08</u>	<u>1.74</u>	<u>2.75</u>	<u>1.59</u>	<u>5.90</u>	<u>3.28</u>	<u>2.80</u>	<u>8.18</u>	<u>2.68</u>
December...	<u>2.14</u>	<u>2.04</u>	<u>3.31</u>	<u>3.03</u>	<u>3.38</u>	<u>2.54</u>	<u>.52</u>	<u>2.31</u>	<u>1.90</u>	<u>5.97</u>	<u>3.32</u>
TOTALS...	<u>27.31</u>	<u>17.50</u>	<u>26.98</u>	<u>27.58</u>	<u>39.50</u>	<u>29.12</u>	<u>27.01</u>	<u>34.37</u>	<u>26.04</u>	<u>28.18</u>	<u>34.39</u>

1920 Workshop 12 ft. high. 30 ft. off. cor.

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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 from gauge	Parish Church.	Distance from gauge	Direction from gauge
1920.	<u>52° 16'</u>	<u>2° 9' W</u>	<u>Droitwich</u>	<u>440256</u>	<u>S.W.</u>	<u>St. Nicholas</u>	<u>600yds</u>	<u>S.W.</u>

## RAINFALL at Droitwich (Fryer Street Dept.) N.W.R.

County of Worcestershire

Sewage Works

Observer R. A. S. Surveyor

River Basin Severn - Left Bank tributaries

Type of Gauge

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

108566/81-

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	1.86	2.82	2.78	2.69	5.10	3.01	25.26
February	2.18	1.7	2.30	1.36	1.91	2.26	3.59	1.50	0.26	2.20	16.33
March	1.42	1.61	1.72	1.73	1.40	1.82	2.48	1.30	1.39	1.42	13.29
April	2.70	2.73	0.86	1.92	3.53	1.54	1.99	1.13	1.47	1.89	18.76
May	4.45	7.98	1.34	1.96	1.75	1.61	1.94	1.54	0.87	2.55	23.99
June	4.08	1.33	1.56	1.78	3.15	2.57	1.57	1.26	1.52	1.25	17.07
July	4.43	3.08	1.37	1.76	1.50	2.44	2.53	2.63	4.32	2.48	27.84
August	3.74	3.64	0.67	1.52	1.18	1.47	1.45	2.79	1.91	1.32	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	1.81	2.87	3.09	1.06	2.96	1.04	2.47	2.65	2.36	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	2.03	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	248.67
D.	D.	D.	D.	D.	D.	D.	D.	D.	D.	D.	100

Gauge moved Feb 1934 200 yards to Sewage Works.

Inspected 6/5/36. Satisfactory.

1937 Health Report. Inspected 25/4/37 O.K.

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
			Lroitwich E.L.	2007 <sup>22</sup>	S.	Droitwich	3007 <sup>22</sup>	S.

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

## RAINFALL at

Droitwich (Sewage Works)

Station No M.W.R. 2405

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County of Worcestershire

Observer Borough Engineer &amp; Surveyor

River 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	680						
Height	1' 0"					1					
Altitude	106'					41					
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	1.26	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	6.31	1.16	.87	2.44	2.21	1.58	2.25	1.12	2.48	2.30	21.72
August	3.38	1.35	1.24	3.55	2.83	5.62	1.14	4.90	.86	3.18	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	2.48	3.01	.51	.30	2.00	4.37	.76	20.67
November	2.60	1.12	1.29	4.09	.11	4.07	1.62	1.62	2.19	3.71	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	D	24.33	23.09	28.57	21.11	28.13	21.53	24.16

1950 projected by R.F. Budden 22/9/50 - Salts.

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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

Station No. ....

RAINFALL at Droitwich (Sewage Works)County of WorcestershireObserver Borough Engineer & SurveyorRiver Basin Severn Left Bank - 2Type of Gauge Snowdon (B.R. 04416/32)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 ...	11 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	1.15	#	
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	26.78	21.70	22.54	21.53	30.84	inc		
	D	D	D	D	D	D	NP	NP	D		

1955 - May - infested - gauge slightly elliptical, and tilted, overhauled.

Area 17' x 16' x 4 sees 25' x 16' x ESE. Area 16' x 16' x N

See 1955. G. moved to new site  
Jun. 29/6/57. R. Zobell. G. a bit tilted. New site satisfactory. No shelter by trees. Very slight slope down to South.

1959 - np inc

1958 - Hole in gauge - new one on lower - readings re-commenced Aug 1/58.

1957 - np g. leaking.

1958 - np inc

1957. G. moved to Sec. Mod. School 18.3.57

Position of Station on Ordnance One-Inch map : No. of Map ..... National Grid Reference 32/812638

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 - Rejected

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