

2830

# RAINFALL AT *Manchester Urnston Lodge Works*

Lat. \_\_\_\_\_ Lon. \_\_\_\_\_ County of *Lancashire*

Rain Gauge, by \_\_\_\_\_ Observer *J. de C. Meade Esq. C.E.*  
*Mersey - Upper H.* *A. B. Ogden*

Diameter ....								8			
Height .....								26			
Altitude ....								72			
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January ....							.80	1.12	1.64	3.72	
February ....							1.30	2.38	1.64	1.04	
March .....							3.71	2.66	1.15	1.65	
April .....							1.66	2.30	1.57	2.72	
May .....							.50	1.74	2.87	2.44	
June .....							2.00	4.24	2.66	1.28	
July .....							2.30	2.18	.81	2.19	
August .....							2.50	2.04	4.23	.96	
September...							5.80	4.07	.56	5.36	
October .....							4.11	2.13	3.35	3.10	
November...							1.13	3.15	2.29	1.09	
December...							3.44	5.24	3.24	2.80	
TOTALS ....							29.25	33.25	26.01	28.35	

RAINFALL AT *Manchester Urmston Sewage Works*

Lat. ....

Lon. ....

County of *Lancashire South*

Rain Gauge, by .....

Observer *Mr. Ogden**Messy - Upper R.*

Diameter ..	8											
Height ....	2 3											
Altitude ..	72 $\pi$											
Year ....	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.	
January ..												2040
February ..	4.22	2.12	2.95	2.47	2.33	1.70	3.76	1.25	2.16	1.66	2.462	1804
March ....	2.87	1.19	1.32	2.67	3.38	1.40	2.92	1.44	2.68	1.04	2.091	2169
April .....	.71	2.28	1.17	3.95	1.41	3.04	2.50	2.34	2.39	2.61	2.240	1803
May .....	1.95	2.47	2.37	1.08	2.03	2.35	1.68	1.14	2.19	2.72	1.998	2117
June .....	1.90	.83	3.27	3.97	2.18	.72	2.45	3.84	2.34	1.57	2.307	1739
July .....	2.87	2.08	1.35	2.06	1.44	1.95	1.45	5.24	1.46	2.36	2.226	2594
August ....	2.27	2.78	2.04	3.78	1.35	2.14	1.42	3.80	4.16	4.47	2.821	2852
September ..	5.03	1.47	3.21	3.66	3.91	4.00	2.75	3.20	2.84	3.48	3.355	1673
October ....	1.69	.78	1.25	4.75	.93	1.85	1.59	.75	2.65	2.18	1.842	3160
November ..	5.17	3.14	3.71	6.55	1.60	2.96	4.62	3.03	1.63	4.06	3.677	2184
December ..	2.04	2.96	2.13	3.50	1.94	3.23	2.12	2.27	2.67	1.02	2.388	2588
TOTALS ..	3.99	3.95	2.56	.98	2.60	.53	4.00	2.36	2.54	6.36	2.987	26923
	34.71	26.05	27.33	39.42	25.10	25.87	31.26	30.66	29.71	33.83	30.304	26923

1907. *Darbyhulme Church*  $\frac{1}{2}$  mile SSW.*Urmston Station*  $1\frac{1}{2}$  miles SSE.

RAINFALL at Urmston Sewage Works DarbyhulmeCounty of South LancashireObserver M. A. B. OgdenRiver Basin Mersey, Inwell 3J. F. Waller Esq

Rain Gauge, by \_\_\_\_\_

Diameter ...	8											
Height .....	2. 3											
Altitude ...	72 $\pi$											
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.	Totals
January ...	3.53	1.05	3.24	3.21	1.96	4.24	1.78	2.07	2.21	5.36	2865	1677
February ...	2.38	2.67	.96	1.08	1.64	2.57	3.38	.98	2.47	.67	1880	750
March .....	.55	1.11	4.20	3.08	3.37	1.09	1.59	1.39	1.39	5.62	2339	999
April .....	2.71	2.19	.57	3.81	1.03	1.16	2.21	1.42	1.13	1.62	1785	638
May .....	3.13	.65	1.81	1.98	1.90	1.03	2.04	1.91	2.58	1.32	1835	785
June .....	2.63	2.23	3.62	1.64	2.02	1.64	2.61	1.79	1.61	1.28	2107	729
July .....	4.27	.55	4.12	.81	4.12	3.31	1.56	1.35	3.42	1.46	2497	777
August .....	5.27	2.40	5.71	1.75	2.55	3.88	1.77	5.85	2.67	3.66	3551	1395
September ..	.15	3.80	2.05	1.46	2.73	.42	2.30	1.59	9.20	1.63	2533	1472
October ...	2.84	2.45	3.50	1.60	1.59	1.11	3.80	4.84	4.83	2.65	2921	1612
November ..	4.65	2.63	2.42	2.90	3.98	1.41	1.88	3.09	2.11	2.63	2770	971
December ...	2.34	5.15	3.08	2.64	4.84	4.97	2.21	1.48	6.33	4.78	3782	1480
TOTALS ...	34.45	26.88	35.28	25.96	31.73	26.83	27.13	27.76	39.95	32.68	30865	12752
	$\bar{p}$	$\bar{p}$						$\bar{p}$	$\bar{p}$	$\bar{p}$	$\bar{p}$	$\bar{p}$

1914 7ms 20 ft high 10 ft N  
8. 7 E

Date.	Lat. N.	Long. W.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
	53.29	2.22	Urmston	1 1/2	S	Darbyhulme	1/2 m	S

RAINFALL at Urmston Sewage Works, DavighulmeCounty of LancashireObserver G. F. Walter EsqRiver Basin Mersey-Trawell 3Secretary  
Manchester Corp. Rivers Dept.(1915) Glauher Rain Gauge, byM.O. (1928)

Diameter ...	8								8			
Height .....	2.2								1.0			
Altitude ...	72								72.43			
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MEANS.	
January ...	3.66	4.92	3.27	2.15	2.70	2.12	3.30	3.74	7.87	1.92	4.25	Totals 37.90
February ...	3.34	3.9	2.91	3.99	1.11	5.23	2.67	1.52	3.96	3.4	2.9	25.75
March .....	3.69	2.32	2.17	.90	1.13	1.45	1.42	3.70	2.09	1.07	2.72	22.66
April .....	4.04	1.21	2.37	3.42	1.70	2.03	1.52	2.02	.99	.87	1.47	21.64
May .....	4.83	2.04	1.55	2.73	5.77	4.59	3.50	1.62	1.73	2.78	1.52	32.66
June .....	2.45	.31	2.15	.70	1.97	.12	1.56	4.99	6.19	1.31	1.75	23.48
July .....	6.28	2.04	3.84	3.76	3.99	2.71	3.11	1.84	2.28	2.04	6.32	39.11
August .....	1.81	4.34	4.44	3.78	5.09	4.07	4.04	5.30	4.33	4.40	5.46	47.06
September...	2.26	.69	3.46	4.36	2.97	4.17	3.12	6.17	.92	1.88	2.79	32.79
October .....	2.00	2.44	.24	4.33	3.86	4.46	3.53	2.23	4.73	5.52	4.86	38.20
November...	1.06	2.50	2.45	5.25	1.63	2.65	5.36	3.80	4.73	6.62	4.87	40.92
December...	2.41	4.12	4.44	4.71	4.15	2.39	1.72	1.20	2.27	6.50	2.61	36.52
TOTALS...	37.83	27.32	33.27	40.08	36.07	35.99	34.85	38.13	42.09	36.15	38.91	400.69
	D	D	D	D	D	D	D	D	D	D	D	47.8

1920. Trees 6 ft high Spt. N.

1921 " 10 " "

1922 " 10 1/2 " "

1926 " 11 1/2 " 8 ft. N.

3/12/28 Inspected by Mr. Colson see green file.

1928. New gauge which replaces old Glauher the record from which was eliminated.

1/1/28 Moved site 20' S.

Position of Station on reduced Ordnance Survey }  
Map, 2 miles to 1 inch Series

No. of Map

Reference No.

Date.	Lat. N.	Long. W.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge	Direction
1920	53° 28'	2° 22'	Urmston	1 1/4 mi	S	Davighulme	1/2 mi	SE

RAINFALL at Urmston (See Wks. Davyhulme)County of South LancashireObserver G. F. Walker Esq.River Basin Mersey-Inwell-3Manchester Corp. Rivers Dept.Type of Gauge M.O. (inch) Stevenson'Annual Average 30.9 in. based on 20 years obs. un-weighted. Period of average 1891-1915 Ref. S744380/27.

Diameter	8.											
Height	1.0.											
Altitude	72											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	Totals
January	4.20	3.55	1.89	2.44	1.51	3.50	3.05	3.74	4.87	2.52		31.27
February	3.52	.09	3.18	.45	3.20	1.56	4.92	1.15	3.57	1.98		23.62
March	.19	1.86	2.47	2.42	1.10	1.66	1.21	.90	1.75	2.71		16.37
April	2.96	2.87	1.13	1.90	2.53	1.12	2.56	.87	2.20	1.72		19.56
May	2.91	3.95	1.40	2.07	1.04	.69	2.48	3.71	.98	.97		20.20
June	4.71	.57	2.52	1.66	3.93	3.30	1.17	3.60	2.32	.89		24.67
July	4.11	3.61	2.52	1.61	1.06	2.49	1.79	3.82	7.00	3.94		31.99
August	7.31	1.50	1.26	3.06	1.26	1.80	2.25	1.98	1.76	1.42		23.60
September	2.65	3.22	.93	2.83	6.32	5.26	.82	2.94	.91	3.71		29.59
October	1.45	5.05	4.61	4.48	5.05	2.95	1.64	6.29	1.61	3.74		40.17
November	6.28	2.88	1.13	1.55	5.10	3.46	2.33	3.35	4.96	6.09		37.73
December	2.01	1.39	.36	5.12	4.16	2.65	1.85	3.99	3.17	2.97		27.67
TOTALS	42.30	33.54	23.40	29.89	36.26	30.44	26.17	36.04	35.10	32.66		315.80
	D.	D.	D.	D.	D.	D.	D.	D.	D.	D.		27.67

Trees 12' high N.E.  
 Inspected 25/9/38. Excellent exposure.  
 1957 trees 6' high N.E.

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			Urmston	1 1/2 m	S.	Davyhulme	1/2 m	S.W.

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

Station No. 2830RAINFALL at Urmston (New Lake Darghulme)

41

County of South LancashireObserver Manchester Corp. Rivers Dept.River Basin Irwell - 3Type of Gauge SnowdonAnnual Average 30.9 in. based on 20 years obs. unweighted. Period of average 1881-1915 Ref. SFile No. 744380/27

Diameter	8"			5.63	5.98						
Height	1'0"				1		1'0"				
Altitude	72'				41						
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	1.21	3.92	4.37	4.28	2.42	4.22	2.28	6.79	2.39	1.43	Totals 33.31
February	2.44	1.71	2.43	1.51	3.13	5.02	.45	1.72	1.61	3.97	24.32
March	2.45	2.94	.86	.57	.94	.69	5.33	.97	1.88	1.30	17.96
April	1.01	1.43	1.69	2.70	2.26	1.05	2.48	1.35	2.32	2.76	17.11
May	1.46	3.31	2.30	2.52	3.69	1.30	2.19	1.50	5.03	1.13	24.73
June	.30	.38	2.75	2.36	3.72	2.55	1.77	4.69	.73	2.86	22.11
July	1.90	3.58	1.96	3.17	1.64	3.56	2.25	1.75	1.30	3.11	24.12
August	5.09	4.09	4.77	3.69	2.69	4.31	.26	4.56	2.02	5.23	36.71
September	.43	1.98	3.82	4.04	2.32	5.51	2.40	1.88	.76	5.36	28.50
October	4.25	5.17	3.20	3.61	5.58	.79	.59	2.18	3.00	2.10	30.47
November	2.34	.77	2.39	6.33	.47	4.73	4.37	1.56	4.69	5.02	32.67
December	1.39	3.46	1.74	2.57	2.14	2.88	2.41	2.83	4.50	3.19	27.11
TOTALS	24.83 D	32.80 D	32.28 D	37.35 D	31.00 D	36.61 D	26.78 D	31.78 D	30.23 D	37.46 D	321.12 424

1941 Trees 6' high 1 1/2' E.

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			Urmston	1 1/2 m.	S.	Darghulme	1/2 m.	S.W.

BRITISH RAINFALL ORGANIZATION

Station No. 2830

RAINFALL at Urmston (Lea, Wks. Darcy Hulme)

51

County of LancashireObserver Manchester Express, Rivin Lgt.River Basin Mersey-Ewell-3Type of Gauge LondonAnnual Average 32.9 in. based on 20 years obs. un-weighted. Period of average 1881-1915 Ref. S33.58 - - - 35 - - 1916-1950File No. 196 1950  
744280/27

Diameter ...	8"			563	598		5"				
Height ...	1' 0"				1						
Altitude ...	72'				51						
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	2.98	3.46	1.39	3.16	2.24	4.34	2.19	2.90	2.80	4.94	30.40
February ...	2.01	1.04	1.15	2.91	1.90	.59	1.75	5.29	.49	1.55	18.68
March ...	4.55	2.15	1.70	2.11	1.84	.92	2.59	1.58	1.43	1.00	19.87
April ...	1.77	3.57	2.55	.68	1.88	3.41	.98	.74	3.21	1.78	19.97
May ...	2.39	1.82	1.86	1.97	2.38	.95	.92	3.72	2.55	1.89	20.45
June ...	.66	2.29	1.56	2.91	2.83	1.88	1.71	5.08	2.39	1.60	22.91
July ...	2.44	1.41	3.70	4.01	.80	5.52	5.11	4.61	2.78	5.15	35.55
August ...	4.20	2.35	3.82	5.52	.93	8.42	4.00	4.53	.16	5.48	39.41
September ...	2.54	3.23	2.66	4.03	2.26	2.42	5.28	4.29	.24	2.80	29.75
October ...	.84	3.73	1.82	5.94	2.13	2.30	3.58	2.86	3.00	4.22	30.42
November ...	6.57	2.30	3.25	5.09	1.66	1.33	1.58	1.14	3.93	4.69	31.54
December ...	5.27	3.37	1.13	4.75	4.31	2.36	3.02	3.70	4.50	3.17	35.68
TOTALS ...	36.34	30.72	26.59	43.08	25.16	34.44	32.11	40.44	27.48	38.27	334.63
	D	D	D	D	D	D	D	D	D	D	

1951 Insects 'high at 15'E  
 1967.9. moved 300 yds. S.W. 9/19 Buildings 25' high - 35' N.W.

Position of Station on Ordnance One-Inch map :

No. of Map.....

National Grid Reference S(33)56962

Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction from gauge.
1951			Urmston	1 1/2 m. S.	Darcy Hulme	5 m. S.W.

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
	✓ D10, 11, 17, 18 d. 19	✓ United 22, 23	✓ ✓	✓ ✓	