

00

Rain Gauge, by _____

Mersey. 2

Diameter ...				5"							
Height				1' 0"							
Altitude.....				67'							
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January.....				2.39	2.45	1.58	4.63	1.53	2.42	1.99	
February ...				2.44	3.35	1.81	3.25	1.56	2.91	1.06	
March				3.42	1.48	3.14	2.37	2.78	3.01	2.71	
April				1.86	1.72	2.60	1.61	1.54	2.52	3.46	
May				3.99	2.15	0.56	3.02	4.20	2.89	2.67	
June				1.83	1.17	2.28	1.80	5.36	2.22	2.79	
July				5.17	1.52	1.95	0.96	3.31	4.74	4.34	
August				3.42	4.25	3.62	3.63	4.29	3.50	3.20	
September...				4.27	1.70	2.25	2.18	0.94	3.65	2.52	
October.....				6.83	1.85	3.07	5.82	3.25	2.39	5.73	
November...				3.22	2.19	3.41	2.65	2.64	2.88	1.36	
December ...				1.36	3.01	0.36	3.21	3.06	2.33	6.22	
TOTALS ...				40.20	26.84	26.83	35.18	35.56	35.46	58.05	

1903-21 cincted x 1.25 Reed. V. 23
Jank 18' high 130' to N.W.

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
	53° 29' 16"	2° 30' 30"	Leigh	1 mile	N. N. W.	Pennington	$\frac{1}{4}$ mile	W.

RAINFALL at Leigh. *Sewage works.*County of *S. LANCs.*Observer *D. Ledson, Esq.*River Basin *Lower Inger-2**Shawton* Rain Gauge, by

Diameter ...	5"											
Height	1'0"											
Altitude.....	67'											
Year	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	<i>1916-19</i> MEANS <i>1915</i>	
January.....	3.07	0.96	2.99	3.21	1.87	4.12	2.37	1.97	2.01	3.22	<i>9.57</i>	
February ...	<i>2.79</i>	2.57	1.03	1.07	1.65	2.81	3.12	0.98	3.09	0.89	<i>8.08</i>	
March	0.74	0.83	4.23	2.79	2.60	1.27	1.60	1.87	1.54	5.21	<i>10.22</i>	
April	3.05	2.35	0.40	4.03	0.76	1.39	2.49	1.61	0.72	1.61	<i>6.43</i>	
May	3.03	0.84	1.93	2.45	1.94	1.62	2.42	2.32	3.80	1.20	<i>9.74</i>	
June	2.89	2.31	3.22	1.94	2.10	1.76	3.23	2.08	1.22	1.60	<i>8.13</i>	
July	4.59	0.35	3.84	1.17	5.30	3.64	2.56	1.64	3.54	1.34	<i>9.08</i>	
August	5.01	2.88	5.58	1.98	2.76	4.54	2.08	5.97	2.69	3.66	<i>14.40</i>	
September...	0.26	3.02	1.57	1.89	3.30	2.02	2.21	2.09	10.35	1.68	<i>16.33</i>	
October.....	2.90	3.01	3.79	2.27	2.14	1.66	4.43	6.08	3.24	2.52	<i>16.27</i>	
November...	5.07	3.07	2.32	3.01	7.51	1.47	2.25	3.33	1.96	2.37	<i>9.91</i>	
December ...	2.39	5.07	3.02	1.41	5.23	5.45	2.01	1.38	6.13	5.33	<i>14.85</i>	
TOTALS ..	35.84	27.31	33.97	27.22	37.16	31.75	30.77	31.32	40.29	30.63	<i>133.01</i>	<i>9.66</i>

*1903-21, match XI.15. Recd. V.23**Gauge 18' high 130' NW.*

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
	<i>52° 24' - 16"</i>	<i>2° 30' - 30"</i>	<i>Leigh</i>	<i>1 mile</i>	<i>NNW</i>	<i>Pennington</i>	<i>3/4 mile</i>	<i>W.</i>

RAINFALL at Leigh Sewage WorksCounty of LancashireObserver D. Ledson, Esq.River Basin Lower Mersey - 2.for Leigh & Attercliffe Joint Sewage Bd.Shawdon Rain Gauge, by

+A

Diameter ...			5									
Height			1.3			1.0						
Altitude ...			67									
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 Means.	1920-29 Means.
January ...	3.66	4.51	3.31	2.16	2.81	2.03	3.65	3.07	7.66	1.80	4.20	38.86
February ...	2.91	0.19	3.36	4.10	0.94	5.52	2.89	1.62	3.51	1.04	2.29	26.37
March	3.02	2.11	1.96	1.48	1.07	1.29	1.70	4.12	1.75	0.99	2.93	22.42
April	4.54	1.21	2.25	3.31	1.90	1.84	1.43	2.33	0.90	0.54	1.97	22.52
May	4.81	2.20	1.70	3.16	5.15	3.71	3.65	1.33	1.41	2.50	1.80	30.92
June	2.34	0.31	1.95	0.59	2.77	0.10	1.62	4.58	5.41	1.09	2.63	23.39
July	6.51	1.40	4.01	3.98	4.65	2.84	3.25	3.53	1.83	2.94	5.15	40.09
August	2.34	4.53	3.51	4.06	5.71	3.35	4.25	5.44	4.32	3.95	6.16	47.64
September...	2.92	0.95	3.02	3.60	4.22	3.79	3.77	6.70	0.89	1.71	3.09	34.66
October	1.03	2.54	0.23	4.45	4.50	4.39	3.67	3.22	4.54	5.62	5.08	39.27
November...	1.33	2.73	2.42	4.98	1.71	3.34	5.30	3.79	5.26	6.83	4.30	41.99
December...	2.73	3.70	4.74	4.63	3.67	2.79	1.67	1.18	2.63	5.88	3.47	37.09
TOTALS...	38.14	26.40	32.46	40.50	39.10	34.99	36.85	40.91	40.11	35.19	40.67	405.22
			2	2	2	2	2	2	2	2	2	1/16

1922 Leigh 130 ft. N.W.1903-1921 Leigh 130 ft. N.W.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 from gauge	Parish Church.	Distance from gauge	Direction from gauge
1922	53° 29' 16"	2° 36' 30"	Leigh	1 mi	N.W.	Parrington	3/4 mi	N.W.

RAINFALL at Leigh (Sewage Works)

County of South LancashireObserver D. Heddon, Esq. 1937.River Basin Mersey-Lower-2

T.N. Cockcroft Esq., B.Sc.

Type of Gauge (+A) (1932)/(1936)Annual Average 32.6 in. based on 27 years obs. un-weighted. Period of average 1861-1915 Ref S

816836/28.

Diameter	5.											
Height	1.0											
Altitude	67											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	1931-40
January	3.72	3.81	1.96	2.44	1.80	4.47	2.58	3.61	6.15	2.13	32.67	
February	3.54	0.05	2.76	0.31	3.08	1.43	4.90	1.06	3.67	2.22	23.02	
March	0.22	1.97	2.20	2.11	1.34	1.71	1.71	0.98	1.89	2.05	16.18	
April	2.56	2.78	1.18	1.42	2.36	1.05	2.65	0.37	2.76	1.79	18.92	
May	2.45	4.23	1.56	2.46	1.17	0.54	2.47	4.18	1.04	1.23	21.33	
June	5.20	0.54	2.87	1.51	3.27	3.51	1.13	3.40	3.06	0.79	25.28	
July	2.74	4.18	2.86	1.40	1.06	3.30	1.70	3.74	5.94	3.46	30.38	
August	7.82	1.04	1.04	3.25	1.15	2.07	2.92	3.30	1.46	1.11	25.16	
September	2.59	3.58	1.02	2.27	6.04	4.69	1.24	1.75	1.79	3.30	28.27	
October	1.90	7.99	4.23	4.74	5.67	2.97	2.07	7.38	2.15	3.51	42.61	
November	5.92	3.20	1.01	1.73	4.42	4.09	1.91	3.78	5.25	6.43	37.74	
December	1.77	1.58	0.51	5.07	3.05	2.58	1.97	3.92	2.18	2.96	25.59	
TOTALS	40.43	34.95	23.20	28.71	34.41	32.41	27.25	37.47	37.34	30.98	327.15	44.6
	D.	D.	D.	D.	D.	D.	D.	D.	D.	D.	D.	

Tank 15' high 120' NW.
Chimney 105' high 200' NW.

1940. Jan corr. for snow.

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			Leigh LMSR.	1 m	NNW	Pennington	3/4 m	W.

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

Station No. 2824RAINFALL at Leigh (Swinge Works)

41

County of South Lancashire Observer T. R. Cockcroft Esq. B.Sc.River Basin Mersey - Lower - 2Type of Gauge Howard + A. Snowdon 1950Annual Average 32.6 in. based on 27 years obs. un-weighted. Period of average 1881-1915 Ref. SFile No. 8168.26/28

Diameter	5"			563	935			8			
Height	1'0"				1			3'0"			
Altitude	67'				41					69'	
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means Totals
January	1.58	3.24	4.26	4.75	1.81	4.18	2.50	7.15	2.38	1.42	33.84
February	2.76	1.69	2.20	1.47	2.78	5.20	.52	2.24	1.47	4.17	24.50
March	2.22	3.74	.95	.74	.97	.67	5.34	1.10	2.09	1.55	19.37
April	1.12	1.43	1.44	2.63	2.31	1.20	2.63	1.16	2.36	2.78	19.12
May	1.76	3.66	2.80	2.13	3.85	1.25	3.04	1.61	3.43	1.26	24.85
June	.32	.46	2.76	1.87	4.86	4.40	2.51	3.66	.75	2.84	24.43
July	2.11	4.21	1.95	2.62	2.77	3.33	2.34	1.81	2.74	3.22	27.10
August	5.10	3.35	4.46	3.53	2.30	4.35	.28	5.29	2.20	6.95	38.47
September	.61	2.05	1.30	4.80	2.74	6.49	2.45	1.67	.84	5.29	31.24
October	4.14	4.71	3.28	4.04	5.73	.70	.63	2.22	2.80	3.11	31.36
November	2.59	.73	3.20	6.73	.42	5.12	3.98	1.80	4.90	5.01	34.54
December	1.35	3.98	2.44	3.06	2.66	3.33	2.51	3.22	4.69	2.94	30.18
TOTALS	25.63 D	33.97 D	34.04 D	38.43 D	33.20 D	40.22 D	29.03 D	32.93 D	30.65 D	40.54 D	338.70 D

1941 Tank 18' high 130' N.W.

1948 office buildings 30' high 28 yds N.W. Work buildings 40' high 50 yds E.S.E. Tanks ground level 25 yds S.W. Poplar trees 35 ft high 40 yds 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.
1941 1948.			Leigh	1 m.	N.N.W.	Pennington Leamington	3 1/4 m. 1 m.	W. N.W.

BRITISH RAINFALL ORGANIZATION

County of Lancashire

Observer

T. N. Cockcroft Esq. BSc.

River Basin, Mussey Lower - 2

Type of Gauge..... *Snowdon + A*

Annual Average 32.6 in. based on 27 years obs. un-weighted. Period of average 1891-1915 Ref. S
34.40 " " 35 " " 1916-1950 File No. 1916-1950 816836/28 P

File No. 816836/28

Diameter ...	8"			563	935							
Height ...	1' 0" (25+52)				1							
Altitude ...	67'		69'		51	67						
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means	
January ...	3.22	3.61	1.46	2.84	2.31	4.32	1.84	2.59	2.51	4.19		
February ...	2.02	1.14	1.02	2.97	1.83	.55	1.97	4.57	.18	1.65		
March ...	5.18	2.07	1.56	2.30	1.72	1.07	2.56	1.41	1.31	1.30		
April ...	1.81	3.70	2.29	.58	1.71	3.44	.68	.73	2.04	1.45		
May ...	2.70	2.16	1.50	1.79	2.38	1.11	1.09	3.30	1.45	2.40		
June ...	1.59	3.71	1.90	2.85	3.35	1.57	1.77	4.36	2.93	1.16		
July ...	2.63	1.67	6.10	3.94	.89	5.68	5.64	3.88	3.07	4.86		
August ...	4.76	2.84	3.38	6.40	1.10	9.69	3.66	3.70	.19	4.33		
September ...	2.43	3.37	4.15	3.54	2.69	2.72	4.95	3.24	.21	3.18		
October99	3.80	1.64	6.00	2.48	2.15	3.35	2.25	2.67	3.81		
November ...	7.76	2.28	3.50	5.54	1.54	1.60	1.33	1.49	4.10	5.65		
December ...	6.15	3.11	1.30	4.63	4.28	2.68	2.89	3.88	4.48	3.10		
TOTALS ...	41.24 D	33.46 D	29.80 D	43.38 D	26.28 46.26 D	36.58 D	31.73 D	35.40 D	25.14 D	37.08 D		

1951 gauge at 3' above ground used at 1' above ground on 25-1-52

Offic 30' at 30° N.W., works 40' high at 50° E.

1956 as above plus Tanks at ground level 25 yds to SW.

1959:- 706

Position of Station on Ordnance One-Inch map :

No. of Map.....

National Grid Reference 33/661993

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge.	Direction
1951			Lugt (L.M.S.)	1 m.	N.W.W	Pennington	1 m.	N.W

Summary of Earlier Records from 10-year Sheets :

1916-1950, P-accepted

	1910-19	1920-30	1931-40	1941-50	1951-60
Record D, or d	✓ —	✓ D12-30	✓ ✓	✓ Vinted 44-45	