

RAINFALL at Leigh, Sewage works.

County of LANCS.

Observer D. Ledson, Esq.,

River Basin.

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	2.80	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	5.96	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	1.25	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	26.83			35.56	38.05		
				26.84				35.18	35.46		

1903-21 created X1.25 Recd. V.23

Bank 18' high 130' to N.W.

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
53 29 16	2 30 38		Leigh	1 mile	N.N.W.	Pennington	1/4 mile	W.

RAINFALL at Leigh. Sewage works.

County of S. LANCS. Observer D. Ledson, Esq.

River Basin Lower Mersey - 2.

Snowdon Rain Gauge, by

Diameter ...	5"										
Height	1' 0"										
Altitude.....	67'										
Year	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS 1916-19
January.....	3.07	0.96	2.99	3.21	1.87	4.12	2.37	1.97	2.01	3.22	9.57
February ...	2.79	2.57	1.03	1.07	1.65	2.81	3.12	0.98	3.09	0.89	8.08
March	0.74	0.88	4.23	2.79	2.60	1.27	1.60	1.87	1.54	5.21	10.22
April	3.05	2.35	0.40	4.03	0.76	1.39	2.49	1.61	0.72	1.61	6.43
May	3.08	0.84	1.93	2.45	1.94	1.62	2.42	2.32	3.80	1.20	9.74
June	2.89	2.31	3.22	1.94	2.10	1.76	3.23	2.08	1.22	1.60	8.13
July	4.59	0.35	3.84	1.17	5.30	3.64	2.56	1.64	3.54	1.34	9.08
August	5.01	2.88	5.58	1.98	2.76	4.54	2.08	5.97	2.69	3.66	14.40
September...	0.26	3.02	1.57	1.89	3.30	2.02	2.21	2.09	10.35	1.68	16.33
October.....	2.90	3.01	3.79	2.27	2.14	1.66	4.43	6.08	3.24	2.52	16.27
November...	5.07	3.07	2.32	3.01	7.51	1.47	2.25	3.33	1.96	2.37	9.91
December ...	2.39	5.07	3.02	1.41	5.23	5.45	2.01	1.38	6.13	5.33	14.85
TOTALS	35.84		33.97		37.16		30.77		40.29		
	27.31		27.22		31.75		31.32		30.63		133.01

1903-21 omitted x 1.35 Recd. V. 23

Yards 18' high 120' NW.

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
52° 29' 16"	2° 30' 30"		Leigh	1 mile	NNW	Pennington	3/4 mile	W.

RAINFALL at Leigh Sewage Works.County of LancashireObserver D. Ledson, Esq.River Basin Lower Mersey - 2.

for Leigh & Atherton Joint Sewage Bd

Snowdon 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.
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	1.29	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	1.30	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

1922 Jan 1st to 130ft. N.W. 1903-1921雨量. V.23 增加 x 1.25

Position of Station on reduced Ordnance Survey } No. of Map _____ Reference No. _____
Map, 2 miles to 1 inch Series

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge	Direction from gauge
1922	53° 29' 16"	2° 30' 30"	Leigh	1 mi	N.N.W.	Pennington	3/4 mi	W.

RAINFALL at Leigh (Sewage Works)

County of South Lancashire

Observer 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

812836/28

Diameter	5.										
Height	1.0										
Altitude	67										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means Total
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	1.61	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	28.2
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
	D.	406									

Tank 18' high 180° NW. 1940. Jan corr. for snow.

Chimney 105' high 200° NW.

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
1931			Leigh WMSR.	1m	NNW	Pennington	3km	W.

Station No. 2824

RAINFALL at Leigh (Sewage Works).

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County of South Lancashire Observer J. H. Cockcroft, Eng. B.Sc.

River Basin Mersey - Lower - 2

Type of Gauge Hayward + A. Snowdon 1950

Annual Average 32.6 in. based on 27 years obs. unweighted. Period of average 1881-1915 Ref. S

File No. 816836/28

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	Total - 1941-1950 Means
January	1.55	3.24	4.26	4.75	1.81	4.18	2.80	7.15	2.38	1.42	33.54
February	2.76	1.69	2.20	1.47	2.78	5.20	.52	2.24	1.44	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	2.19	3.85	1.25	3.04	1.61	3.43	1.26	24.85
June	.32	4.62	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	3.95	4.46	3.53	2.30	4.35	.28	5.29	2.20	6.95	38.47
September	.61	2.05	4.30	4.80	2.74	6.49	2.45	1.67	8.4	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	.79	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	33.97	34.04	38.49	33.20	40.22	29.03	32.93	30.65	40.54	338.70

1941 Tank 18' high 130' N.W.

1948 Office buildings 30' high 28yds NW. Work buildings 40' high 50yds E. S.E. Tanks ground level 35yds SW. Poplar trees 35ft high 40yds NE.

Position of Station on reduced Ordnance Survey Map, No. of Map: 1 mile to 1 inch Series

Reference No.

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge	Direction
1941			Leigh	1m.	N.N.W.	Pennington Reanning	3/4 m.	W.
1948							1m.	N.W.

Station No. 2824

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RAINFALL at Leigh (c/Sewage Works)County of S. Lancashire

Observer

T. N. Cookcroft Esq. B.Sc.River Basin Mersey Lower - 2Type of Gauge Standard + A

Annual Average 32.6 in. based on 27 years obs. un-weighted. Period of average 1881-1915 Ref. S
34.40 " 35 " 1916-1950 P
 File No. 216836/28

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	2.51	4.32	1.84	2.51	2.51	4.19	
February	2.02	1.14	1.02	2.97	1.83	5.55	1.97	4.57	1.18	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	
October	.99	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	33.46	29.80	43.38	26.28	36.58	31.73	35.40	25.14	37.08	
	D	D	D	D	NP (NW)	D	D	D	NP	D	

1951 Gauge at 3' above ground reset at 1' above ground on 25-1-52

Office 30' at 30° NW, works 40' high at 50° E.

1956 As above plus tanks at ground level 25 yds to SW.

1959:- np (ns)

Position of Station on Ordnance One-Inch map : No. of Map National Grid Reference 331/6661993

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