

RAINFALL AT Liverpool Newsham Park

Lat.

Lon.

County of Lancashire *part*

Squares Rain Gauge, by

Observer. J. A. Brodie Esq. C.E.

Mersey 2

Diameter ..	10	□									
Height ..	1	0									
Altitude ..	140										
Year ..	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..											
February ..	4.37	2.09	2.16	2.33	2.41	1.51	4.21	1.06	1.87	1.88	2.389
March ..	3.39	1.53	2.07	1.93	3.95	1.50	2.32	1.38	2.55	.82	2.144
April ..	1.27	1.76	2.03	3.14	1.66	3.47	2.47	1.93	3.02	3.11	2.386
May ..	1.49	1.90	(2.04)	1.95	1.30	2.42	1.29	1.40	2.99	2.51	1.929
June ..	1.57	.96	4.63	3.39	2.37	.57	2.79	3.04	3.08	1.53	2.393
July ..	3.32	2.25	2.00	1.89	1.62	1.69	1.46	6.19	2.23	2.68	2.533
August ..	1.12	1.95	2.15	2.71	2.04	2.28	.87	2.40	3.97	4.26	2.375
September ..	7.65	3.14	2.84	4.10	4.92	3.53	2.76	3.21	3.77	3.13	3.905
October ..	.78	1.17	1.32	5.07	2.80	1.79	1.75	.75	3.18	2.78	2.089
November ..	3.78	3.93	3.57	7.59	1.73	2.85	5.85	3.69	1.86	4.20	3.905
December ..	3.21	3.20	2.12	3.04	2.20	4.02	2.06	2.85	2.65	1.39	2.674
TOTALS ..	34.87	27.70	(29.68)	38.70	29.60	26.09	31.20	30.47	33.50	35.09	31.600

H.W.

1901 St. John's Church ⁶³⁰
 Tree ¹⁸ 30 ft high ⁸³ 48 ft ⁵⁵ yards N.E.

1902 April 14 Gauge moved 220 yards N.N.W.

1903 Que Brook Station L + N.W.R.

1909 Trebrook Station S + N.W.R.

RAINFALL at Liverpool Newsham Park

County of South Lancashire

Observer J. A. Brodie Esq. C.E.

River Basin Lower Mersey 2

H. Owen Esq. C.E.

Slope Rain Gauge, by Land Cop.

Diameter ...	10 □											
Height	1. 1											
Altitude ...	140 ft											
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.	
January ...	2.57	.75	4.63	4.08	1.32	4.14	1.90	1.96	1.97	3.11		
February ...	2.90	2.67	1.35	.91	1.69	2.73	3.47	1.60	2.52	1.31		
March79	1.50	4.66	3.17	3.52	1.64	1.73	3.10	1.29	5.56		
April	3.66	2.73	.20	3.71	.69	1.66	2.10	1.78	1.08	1.47		
May	2.82	1.16	2.28	2.83	2.14	1.57	3.12	3.07	2.69	.98		
June	3.80	2.78	3.64	2.34	1.50	.96	2.63	1.84	2.16	1.86		
July	5.86	.61	3.56	2.58	4.49	3.79	1.05	2.09	4.19	1.70		
August	4.80	3.79	5.67	2.52	2.50	6.26	2.71	6.70	1.98	4.39		
September ..	.65	4.60	1.35	2.26	3.38	1.09	2.60	1.45	7.61	2.64		
October ...	2.72	3.28	2.74	2.33	1.94	2.31	4.58	6.35	2.56	2.84		
November ..	5.42	2.84	2.33	3.58	3.24	2.24	3.01	3.19	2.07	1.97		
December ...	4.03	4.47	2.60	2.38	5.32	5.77	2.07	1.73	7.02	6.05		
TOTALS ...	39.53	31.08	35.11	32.69	31.73	34.16	30.97	34.86	37.14	33.88		

1910 Jan 25 Gauge moved 100 yards E
1912 Tree 25 p. high 53 ft E

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
	53°25'12" N	2°56'5" W	Inclosure Park			St. John's Church	520 yds	NE

RAINFALL at Liverpool Newsham Park

County of Lancashire

Observer J. A. Brodies Esq. C.E.

River Basin Lower Mersey 2

J. P. Frank CE
City Surveyor LiverpoolSquife Rain Gauge, by Liverpool Corporation
5 inch Mto. after 1/1/29

Diameter	10x10									5 5"
Height	1 - 1									0.5 9"
Altitude	140					138				17321
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1930 MEANS.
January	3.74	4.20	3.85	2.13	2.72	1.74	3.37	3.97	6.45	2.63 4.69
February	2.72	2.21	3.29	4.42	2.80	5.22	3.46	1.81	3.39	1.12 .21
March	4.24	2.26	1.86	1.74	1.19	.91	1.31	3.28	1.91	.73 3.04
April	4.78	1.36	2.17	3.03	2.12	2.31	1.15	2.26	1.16	1.22 2.39
May	3.87	2.46	1.49	3.52	6.61	3.44	4.07	1.47	1.63	1.91 .87
June	3.50	2.27	2.59	1.71	2.80	.09	1.80	4.69	6.67	1.47 1.79
July	6.99	1.50	5.03	3.86	4.29	2.95	4.13	3.40	2.01	3.55 5.18
August	2.35	5.84	4.11	3.70	6.20	3.92	3.90	6.39	4.31	3.98 .571
September	3.59	1.52	3.68	3.94	4.35	4.66	4.75	6.78	1.64	2.37 2.55
October	1.33	3.42	70	4.61	4.35	4.69	3.38	3.56	4.15	4.54 5.87
November	.97	2.25	2.10	4.04	2.20	3.02	5.89	5.53	5.63	4.85 4.66
December	2.27	4.61	4.67	5.17	3.78	2.91	1.30	1.63	2.76	4.63 4.45
TOTALS	40.95	29.90	35.54	40.87	41.47	35.86	38.51	44.77	41.71	33.00 40.91

1920 Year 25 ft high 5' 3" 12

1929. 10" gauge at Newsham Park removed and new 5" gauge fixed at Brockside Park Corp. Depot ~~at same date~~. Level slightly lower is 6 ft. Gauge removed 1st November 1929 880 yards N. ~~Level 2' 0" high. Boundary fence 22 ft 2 in. 6 ft high fence 11 ft from gauge.~~1930 { Brockside Park. Gauge in centre of space 22 ft x 22 ft. with wood fence 3 ft high all round enclosure.
 wood fence 3' high 11' from gauge & enclosing same.
 Boundary fence 6' high 19' N.
 - 10' 6' 52' E. }

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
1920	53° 25' 12"	2° 56' 5"	Luebrook Brock Rd. Brockton	280 ft	N.E.	St John the Baptist	530 ft N.E.

after 1/1/29

RAINFALL at Liverpool (Brockside Park)

41

County of South Lancashire Observer Liverpool Corp.

River Basin Mersey Lower 2

Type of Gauge M.O.

Annual Average 33.2 in. based on 30 years obs. unweighted. Period of average 1881-1915 Ref. S

File No. 81511/28

Diameter	5"		567	566							
Height	0' 9"				1						
Altitude	102				41					131.87	
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	1.99	2.96	4.02	4.27	1.78	3.74	2.31	6.61	2.47	.83	30.98
February	3.21	1.24	1.77	1.08	2.85	4.52	.68	1.73	.97	3.29	21.34
March	3.06	2.83	.75	.77	.98	.87	4.48	.83	2.21	1.22	18.00
April	1.76	1.54	1.51	2.69	1.88	.91	2.31	1.53	2.23	2.49	18.91
May	1.91	3.12	2.33	1.99	4.01	1.90	3.83	1.54	3.08	.91	24.62
June	.56	.26	2.60	2.90	2.94	3.35	2.26	3.35	.75	2.22	21.19
July	2.86	3.20	5.48	2.34	2.45	3.74	3.07	2.87	2.43	2.17	30.63
August	5.44	4.43	3.69	3.02	2.23	4.98	.43	3.32	1.84	7.13	36.54
September	.83	2.19	3.82	5.53	1.59	4.62	2.55	1.84	.90	4.32	28.19
October	3.80	3.87	4.17	4.02	4.55	.72	.96	2.07	3.02	2.12	29.00
November	2.64	.87	2.32	5.86	.31	4.89	3.28	1.67	3.43	4.55	29.85
December	1.15	3.18	1.74	2.63	2.35	3.06	2.75	2.66	3.89	3.02	26.43
TOTALS	28.96	29.69	34.20	37.10	27.92	37.30	28.97	30.02	27.25	34.27	315.68
	D	D	D	D	D	D	D	D	N.R.	N.P.	

1941 No road fence 3 high 11' a.m. rect. space. Boundary fence 6' high 19' N. 15/5/1950 Slight leak rehanded in gauge on 6th April 1950. " " " 6' " 32' E.

1950 n.s. law.

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
1941			Brock Rd. L.M.S.	500 y.	N.	St. John the Baptist	820 y. S.E.

Station No. 2817

51

RAINFALL at Liverpool (Breckside Park)

County of S. Lancashire Observer Liverpool Corp.

River Basin Mersey Lower - 2

Type of Gauge M. O. (+AOS)

Annual Average 33.2 in. based on 30 years obs. un-weighted. Period of average 1881-1915 Ref. S

File No. 21544/28

Diameter ...	5"		56.7	566							
Height ...	0' 9"				1						8"
Altitude ...	132'				51						
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means 1950-60
January	2.13	3.32	1.33	3.07	2.40	3.81	1.68	2.61	3.22	5.02	28.59
February	2.39	.82	1.35	3.09	2.04	.47	1.92	5.14	.19	1.57	18.98
March	4.23	2.26	1.01	2.16	1.94	1.24	2.24	1.38	1.31	1.78	19.55
April	1.07	2.10	2.34	.70	1.79	2.99	.38	.78	2.69	1.31	16.15
May	3.12	1.93	1.86	2.55	2.94	.92	1.66	2.40	1.53	2.42	21.63
June	1.24	1.98	1.25	3.22	3.22	1.94	1.49	4.40	2.73	0.98	22.45
July	1.87	1.32	3.69	3.75	.79	4.44	4.35	3.93	3.31	3.70	31.19
August	5.11	2.43	3.19	4.22	1.49	8.58	4.13	3.39	1.95	4.96	39.45
September	2.48	3.13	3.41	3.36	2.47	2.53	5.56	4.60	.26	3.21	31.01
October	.93	4.16	1.75	5.64	2.25	2.17	3.29	2.87	3.17	3.78	30.01
November	6.84	2.85	3.05	5.78	1.49	1.27	1.26	1.83	4.64	6.15	35.16
December	4.74	3.17	1.41	3.45	3.72	2.41	3.30	4.21	5.06	2.97	34.44
TOTALS ...	36.15	29.47	25.64	40.99	26.54	32.77	31.30	37.84	30.06	37.85	328.61
	D	D	D	D	D	D	D	D	D	D	

1951 Wood fence 3' at 11° enclosing Rec't. space. Boundary fence 6' at 19° N also at

6' 6" at 32° E

July III 1959 f. & O.K. Surrounded by concrete stonewall satisfactory.

Annual Average 34.56 in. based on 32 yrs obs. within 1916-47. Does not fit after 1947. Period of average 1916-50 - ~~Rejected~~

Position of Station on Ordnance One-Inch map : No. of Map 101 National Grid Reference 321376920

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

Summary of Earlier Records from 10-year Sheets :

	1910-19	1920-30	1931-40	1941-50	1951-60
Record D, or d	✓	✓	✓	✓ n.p. 19.50	