

RAINFALL at S: Helens, Victoria Park.

County of Lancashire, South Observer R. Macdonald, Esq.

River Basin Mersey, Lower - 2.

Rain Gauge, by N 53.

Diameter ...										8
Height										1.5
Altitude.....										160
Year	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919
										MEANS.
January.....										2.96
February ...										1.27
March										3.42
April										1.59
May										2.10
June										1.42
July										1.67
August										4.81
September...										2.31
October.....										2.52
November...										2.51
December ...										5.98
TOTALS ...										32.56

Observing 9 ft. 6 in. 30 ft. w.

1919 (1420) 29.5.22. L.C. x 1.22

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
53° 30'	3°		S. Helens. f.c.r.	1 mi	N.	S. Marks.	4 mi	N

RAINFALL at St. Helens Victoria Park

County of Lancashire

Observer R. Macdonald Esq.

River Basin Lower Mersey 2.

Dr. F. Hawxwell M.C.H. (1922)

(1923) M.O. Rain Gauge, by H & J.

Diameter ...	S										
Height	1 5"										
Altitude ...	160										
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930. MEANS.
January ...	3.81	4.42	4.44	2.62	2.72	1.84	4.94	3.98	7.66	2.12	5.21
February ...	3.00	0.17	3.15	3.80	0.97	4.99	3.11	1.72	2.36	1.00	3.0
March	3.38	2.69	1.59	1.80	1.21	1.27	1.62	3.82	1.71	1.00	3.19
April.....	4.26	1.59	2.26	3.02	1.81	1.87	0.92	2.00	0.95	0.97	2.65
May	4.24	1.73	1.39	3.08	5.38	3.79	3.95	1.25	1.48	2.31	1.26
June	6.04	0.24	2.03	0.61	2.48	0.09	1.61	4.41	5.53	2.28	1.89
July	7.14	1.41	4.20	3.32	4.49	3.61	3.41	3.24	2.07	2.68	2.91
August	2.35	4.93	3.03	4.03	6.13	4.31	4.04	7.14	5.21	4.21	6.64
September...	2.69	1.23	4.29	3.85	4.46	4.29	3.50	5.82	1.41	1.95	2.91
October.....	1.33	2.20	0.74	4.26	4.03	4.29	3.76	3.26	4.48	5.61	5.29
November...	1.30	2.41	2.41	5.09	1.64	3.49	4.93	4.94	5.64	6.30	5.44
December...	2.83	4.81	5.17	5.60	3.66	2.62	1.15	2.02	2.75	5.84	4.36
TOTALS...	42.57	27.83	34.70	41.08	38.98	36.46	36.94	43.60	41.25	36.27	42.05

1920.	aboy.	9 ft high	10 yds. w.
1922	Tree		7 " S.
1925	"	9 "	12 " E
1926	"	10 "	12 " W.

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

Reference No.

Date.	Lat. N.	Long.W	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge	Direction
1921.	52° 27' 45" N 52° 27' 45" S	2° 44' 58" W	St. Helens	1	N	St. Marks	4	N

RAINFALL at St. Helen's (Victoria Park)

County of South Lancashire

Observer Dr. F. Haworth

River Basin, Mersey-Lancaster-2

Type of Gauge M.O.

Annual Average 33.9 in. based on 11 years obs un-weighted. Period of average 1881-1915 Ref. 5

Diameter	8.											
Height	1.5.											
Altitude	160.											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	
January	4.08	4.24	1.60	2.58	2.73	4.05	2.30	3.70	5.00	2.16		
February	3.25	0.12	3.31	0.33	3.21	1.96	4.10	1.00	2.02	2.65		
March	0.36	2.13	2.17	2.08	1.29	1.73	1.50	1.05	1.76	2.40		
April	3.07	2.63	1.04	2.18	2.46	1.23	3.08	0.37	1.96	2.23		
May	2.34	4.83	1.62	2.55		0.87	2.74	3.70	1.22	2.48		
June	4.21	0.27	2.64	1.65		3.50	1.92	3.65	2.86	1.00		
July	2.34	3.42	2.00	1.33		3.70	1.68	3.42	6.25	3.31		
August	6.72	1.67	1.50	4.55		1.48	2.85	4.67	1.73	1.29		
September	3.11	3.74	1.10	2.34		3.76	1.54	1.79	0.41	3.66		
October	2.16	7.56	4.34	5.53		2.89	2.64	7.24	1.83	3.82		
November	6.03	2.67	1.53	2.16		3.93	1.83	3.98	5.10	6.32		
December	1.62	2.09	1.73	5.58	3.58	3.78	2.07	3.58	3.27	2.56		
TOTALS	39.79	35.87	23.58	32.83		32.98	28.25	38.15	33.91	33.28		
	D	D	D.	D.		D	D	D	D	D		

Tress of high 12' E.

1940 Jan. Feb. Apr. corrected for sun.

After 1935 the values have been calculated from charts of self-recorder. Check gauge readings are not available for the period up to July 1944. with those of 26.7.44.

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.			L.N.E.R.	½ m.	ESE	St. Mark's	200 yds	SE.
1940			L.M.S.	½ m.	SW	Parish Church	¼ ml	SW.

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

Station No. 2822

RAINFALL at St Helens (Victoria Park)

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County of South Lancashire

Observer Dr F. Haworth

River Basin Mersey-Lower-2

Medical Office of Health, 1950

Type of Gauge M.A.

Annual Average 33.9 in. based on 11 years obs. un-weighted. Period of average 1881-1915 Ref. S.

File No. 88614 31

Diameter	8"		566	051							
Height	15"				1						
Altitude	160'				41						
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	2.20	3.36	2.59	4.35	1.89	3.96	2.29	6.26	1.88	1.32	
February	2.89	1.86	1.74	1.12	2.98	4.89	0.71	2.03	1.25	4.26	
March	2.63	2.76	2.69	0.56	1.13	87	4.09	1.98	2.03	1.24	
April	1.64	1.46	1.21	2.28	2.12	88	2.56	1.40	2.25	2.98	
May	1.46	3.26	2.96	2.32	3.93	2.13	2.63	1.35	3.21	1.02	
June	1.46	1.48	1.64	2.70	4.45	3.57	2.12	3.92	1.94	2.33	
July	2.26	3.62	1.59	2.97	2.99	3.32	2.62	2.77	3.05	2.96	
August	5.44	3.42	3.10	2.68	2.56	4.74	1.18	4.24	2.23	6.64	
September	1.02	2.31	2.30	4.96	2.43	4.09	2.73	1.68	1.34	5.14	
October	3.38	4.16	1.92	3.90	4.94	1.01	1.61	2.51	3.84	2.55	
November	2.15	0.76	1.65	5.68	0.33	4.78	3.64	1.91	4.72	4.35	
December	1.13	3.63	1.10	2.98	2.60	2.82	3.05	2.74	4.84	2.72	
TOTALS	26.96	31.08	17.50	36.50	32.35	37.06	27.23	31.79	31.63	37.51	

1941 trees 9' high 12' E.

1943 no 15 inches low deep g. readings not available. Values since including 1936 have been calculated from charts. value of 26.7 was.

There is a self-reading gauge & check gauge at church.

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
1941			L.M.S. St Helens (Lancs)	1/2 m. 1/2 m.	S.W. SW.	Parish Church St Helens	1/4 m. 1/4 m.	S.W. SW.
1945								

Station No. 2822

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RAINFALL at St. Helens (Victoria Park)

County of Lancashire

Observer Medical Officer of Health

River Basin Mersey-Lower-2

Type of Gauge M.O.

Annual Average 33.9 in. based on 11 years obs. un-weighted. Period of average 1881-1915 Ref. S

File No. 88614/21

Diameter ...	8"		566	051						
Height ...	1' 5"				1					
Altitude ...	160'	145'			51					
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	Means
January	3.17	3.32	1.40	2.75	2.28	4.18	1.87	1.84	2.69	
February	1.79	1.11	0.98	2.17	2.02	0.46	1.63	4.13	0.27	
March	4.67	2.17	1.25	2.32	1.85	.75	2.64	1.43	1.19	
April	1.71	2.62	2.88	.89	2.13	3.09	.52	.89	2.47	
May	2.14	2.34	2.27	2.37	2.56	.90	1.62	3.42	2.16	
June	.86	2.48	1.75	3.02	2.69	1.88	1.42	4.39	2.53	
July	2.32	1.76	3.88	4.38	.60	4.60	3.82	4.80	2.72	
August	4.43	2.79	3.47	4.59	1.91	9.21	4.81	3.49	.95	
September	3.16	3.16	4.01	3.59	3.22	2.97	5.47	3.79	.30	
October	.89	4.08	2.10	6.08	2.19	2.47	3.59	3.19	3.03	
November	8.51	2.23	3.25	5.73	1.45	1.83	1.17	1.78	5.03	
December	6.39	2.88	1.06	3.68	4.20	2.15	2.76	3.50	5.43	
TOTALS ...	40.84	30.94	28.30	41.57	27.10	34.49	31.32	36.65	28.71	
	D	D	D	D	D	D	D	D	D	

1951 Trees 25' at 24°N Trees 25' at 36°E

1954 Trees 20' @ 24°N Trees 20' @ 36°E.

Seasonal Average 34.39 in. based on 7 yrs 1936-42. Data not fit after 1942. Period of average 1936-42.

Position of Station on Ordnance One-Inch map : No. of Map National Grid Reference 331508963

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Parish Church.	Distance from gauge
1951			St. Helens Central	5 m. S.E.	St. Marks	180' E.S.E.

Summary of Earlier Records from 10-year Sheets :

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
	C 1919 -	✓ 321-30	31-34, 36-40, np 40 ✓	n.p. 41, 42 41/42, 44-50 ✓	✓