

# Rainfall at Manchester

Old Trafford

50

Diameter of Gauge, ..... in.

Height above Ground, ..... ft. .... in.

Above Mean Sea Level, ..... ft.

YEAR - -	1850	1851	1852	1853	1854	1855	1856	1857	1858	1859	MEANS
January - -		3.40	5.17	2.74	3.00	.77	2.74	3.12	1.50	1.76	
February - -		1.43	3.96	.89	2.87	1.45	2.80	1.93	.33	2.46	
March - - #	.89	3.24	.46	1.96	1.46	2.02	.20	2.11	1.94	3.45	
April - - -	2.70		.52	1.71	.66	1.00	2.52	2.19	2.71	3.14	
May - - -	1.53	2.00	1.42	1.42	1.67	1.53	2.88	2.21	2.10	.45	
June - - -	1.40		4.71	4.95	1.73	3.21	3.37	2.21	3.18	2.29	
July - - -	1.73	3.37	2.83	3.65	2.85	4.24	3.05	4.55	2.32	1.32	
August - -								4.73	3.33	5.99	
September -	2.65	1.31	2.40	3.65	2.37	.96	3.18	3.15	3.07	4.59	
October - -	2.88	3.92	2.69		3.20	5.21	2.32	1.73	4.04	3.37	
November -	4.04	1.86	4.48		3.12	.63	3.86	1.56	1.34	3.10	
December -	2.18	1.38	4.89	.86	5.75	1.06	3.59	1.52	3.57	2.58	
TOTALS -								31.01	29.43	34.50	

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Manchester.

Old Trafford.

by V Vernon Esq.

27 65-6

8 in + Ground 3 ft + Sea Level 106 ft

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -	3.58	.39	1.90	4.43	1.68	3.11	3.25	3.27	2.75	2.69	2.705
February - -	.87	2.52	.96	.94	4.03	2.36	2.98	2.93	2.11	4.44	2.414
March - - -	3.47	4.14	3.67	.80	2.01	1.67	2.17	1.45	4.00	1.27	2.463
April - - -	1.31	2.43	2.72	1.39	1.60	1.00	.30	4.32	1.68	2.10	1.893
May - - - -	2.60	.74	4.47	1.72	3.17	3.19	1.54	1.95	.87	2.73	2.307
June - - - -	6.04	2.41	3.07	4.63	2.95	.96	3.98	1.59	.37	1.12	2.712
July - - - -	1.66	3.65	4.53	1.63	1.69	3.00	4.31	4.28	.45	1.13	2.633
August - - -	5.17	2.23	2.35	5.03	2.37	3.04	5.12	1.41	2.30	2.63	3.265
September -	2.88	4.05	5.00	5.56	4.01	.67	7.13	2.99	1.76	6.32	4.037 +
October - - -	3.43	1.23	5.03	6.24	1.91	5.00	2.52	3.90	4.51	3.12	3.697
November - -	2.11	3.88	1.68	2.90	3.25	2.77	5.72	2.43	3.11	4.28	3.213
December - -	2.93	2.07	3.22	3.06	1.97	.74	4.15	3.98	8.12	3.62	3.386
TOTALS -	36.14	29.74	38.60	38.33	30.64	28.39	43.17	34.50	32.23	35.45	34.727

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2  
Old Trafford,  
Manchester.

John Curtis Esq M.B.M.S.

8½ in

+ Ground 2 ft. 3 in

111

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -			<sup>#</sup> 2.25	4.47	1.53	3.01	3.50	3.47	2.55	2.53	
February - -			.59	.97	3.99	2.38	3.07	2.38	2.29	4.31	
March - - -			3.51	.85	2.16	1.72	2.20	1.53	3.66	1.38	
April - - -			2.64	1.29	1.58	1.17	.37	4.26	1.70	1.56	
May - - -			4.31	1.81	3.12	3.33	1.66	1.96	.92	2.41	
June - - -			2.83	5.04	2.68	1.07	4.17	1.62	3.5	1.49	
July - - -			4.46	1.99	2.82	2.97	3.85	4.29	.36	1.33	
August - - -			2.57	4.91	2.32	4.02	5.15	1.17	2.39	2.60	
September -			4.69	5.25	4.17	.74	7.25	2.95	1.75	6.33	
October - -			4.98	6.24	1.80	5.21	2.50	4.11	4.23	3.10	
November -			1.73	2.90	3.34	2.99	5.69	1.41	2.83	4.04	
December -			3.21	3.13	1.97	.82	4.02	4.33	7.73	3.72	
TOTALS -			37.77	38.85	30.68	29.43	43.43	33.48	30.76	34.80	

1865 The day of fall in future



RAINFALL AT *Manchester Old Trafford*

Lat..... Lon..... County of... *Lancashire*.....  
 ..... Rain Gauge, by..... Observer *H. V. Vernon Esq.*

Diameter.....	.8	.										
Height.....	2.7	.										
Altitude.....	106.	<sup>ft</sup>	123	106								
YEAR.....	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.	
January.....	3.13	3.30 <sup>?</sup>	4.26	3.14	3.53	3.57	1.74	5.01				
February.....	.85	2.73	3.02	.67	1.59	.74	3.98	4.29				
March.....	2.38	1.56	2.77	1.79	3.37	.82	3.70	2.43				
April.....	2.22	3.52	2.98	.51	1.00	.90	3.16	2.90				
May.....	.75	2.07	2.14	1.91	1.39	2.07	1.08	2.86				
June.....	1.79	2.66	6.90	2.97	1.00	3.56	3.15	2.35	#			
July.....	.81	3.55	7.66	4.65	1.77	4.60	3.57					
August.....	1.65	1.60	2.78	4.20	4.34	5.00	3.07					
September.....	2.66	3.82	7.04	2.48	3.86	4.74	3.17					
October.....	8.36	4.51	4.40	4.44	3.76	4.45	2.60					
November.....	2.42	7.41	3.77	2.28	4.85	4.22	3.30					
December.....	2.53	2.50	2.97	.78	3.64	.82	4.44					
TOTALS.....	29.55	33.23	50.69	29.82	34.10	35.49	36.96					

*For obs for second gauge see sheet for Heaton Chapel Roseleigh*

RAINFALL at MANCHESTER (OLD TRAFFORD)County of 3 - MERSEY - IRWELLObserver SURVEYOR, STRETFORD U.D.C.River Basin S. LANCASHIREE. PARKER ESQ. C.E.

Rain Gauge, by.....

Diameter .....												3'
Height .....												1' 1"
Altitude .....												c. 107'
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930	
January .....												4.08
February .....												26
March .....												280
April .....												162
May .....												172
June .....												174
July .....												581
August .....												535
September .....												319
October .....												499
November .....												452
December .....												302
TOTALS .....												3900. D.

1930 OFFICES c. 36' high ? S. f 827798/28.

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

No. of Map.....

Reference No.....

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge	Direction
1930			OLD TRAFFORD	ADJOINING	S.	OLD TRAFFORD (ST HILDA'S)	38 m.	E.

RAINFALL at MANCHESTER R. (OLD TRAFFORD)

County of 3 - MERSEY, IRWELL

Observer SURVEYOR STRETTON D.C.

River Basin S. LANCASHIRE

E. PARKER F.S.S. C.E.

Rain Gauge, by.....

Diameter .....												5'
Height .....												1' 1"
Altitude .....												c. 107'
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930	
January .....												4.08
February .....												.26
March .....												2.80
April .....												1.52
May .....												1.72
June .....												1.74
July .....												5.21
August .....												5.25
September .....												3.19
October .....												4.49
November .....												4.52
December .....												3.02
TOTALS .....												3900. D.

1930 OFFICES c. 36' high ? S. f 827798/28.

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

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge	Direction
1930			OLD TRAFFORD	ADJOINING	S.	OLD TRAFFORD (ST HILDA)	3 1/2 m.	E.



## RAINFALL at Manchester (Old Trafford)

County of South LancashireObserver Stretford U.D.C.River Basin Mersey- Irwell 3

Type of Gauge

Annual Average in. based on years obs. un-weighted. Period of average.

Ref. 827798/28.

Diameter	8.										
Height	1.1.										
Altitude	107.										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	4.23		2.38	2.11	1.74	3.36	2.82	3.90	4.95	2.81	
February	3.81		2.87	.04	2.85	1.67	4.53	.96	3.84	1.78	
March	.26		2.80	2.36	.91	1.30	1.29	.98	1.42	2.88	
April	3.52		1.16	1.83	2.31	.83	2.29	.28	2.14	1.70	
May	2.88		1.63	1.94	.73	.76	1.96	3.54	1.54	.96	
June	5.13		3.05	2.16	2.87	2.84	1.12	3.20	2.55	.95	
July	4.35		2.36	2.15	1.19	2.54	2.10	4.50	6.00	3.83	
August	7.62		1.44	2.35	1.56	2.10	2.40	2.36	1.54	1.45	
September	2.85		1.21	2.91	5.03	4.15	.85	1.84	.88	3.37	
October	1.70		4.26	4.50	4.45	2.64	1.72	6.20	1.47	3.71	
November	5.65		1.47	1.43	4.14	3.34	1.89	3.83	5.35	6.13	
December	1.55		.49	4.64	4.05	2.82	2.27	4.12	3.20	3.11	
TOTALS	43.86	N.O.	25.12	28.92	31.83	28.35	25.24	35.71	34.98	32.74	
	D.		D.	D.	D.	D.	D.	D.	D.	D.	

1932 unreliable - not sent. Moving to New Town Hall in 1933

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 Direction from gauge	Parish Church.	Distance Direction from gauge
1940			Old Trafford	100 yds		

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

Station No. 2829

RAINFALL at Manchester (Old Trafford)

41

County of South Lancashire Observer Stetford U.D.C.

River Basin Mersey-Trent-3

Type of Gauge Tylor

Annual Average in. based on years obs. un-weighted. Period of average Ref.

File No. 827928/28

Diameter	8			563	334						
Height	1' 1"				1						
Altitude	107'				41		X				
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	.83	4.74	5.17	4.14	2.59	4.38	2.60	7.60	2.58	1.62	
February	3.53	1.97	2.30	1.31	3.42	5.01	.85	1.84	1.57	3.44	
March	2.68	3.20	.73	.32	.90	.61	5.70	1.02	2.27	1.25	
April	1.11	1.47	1.22	2.57	2.03	.84	2.76	1.56	2.61	2.65	
May	1.47	3.18	2.23	3.25	4.08	.93	2.30	1.37	3.82	1.16	
June	.32	.56	3.10	2.56	3.77	2.66	1.81	4.33	.79	2.71	
July	2.67	3.77	2.30	3.71	1.31	3.93	2.57	2.32	1.54	2.97	
August	4.81	4.76	5.13	3.58	2.40	4.52	.38	4.38	2.52	4.16	
September	.64	1.67	5.86	4.20	2.29	4.99	2.33	2.41	.65	4.99	
October	4.34	4.82	3.00	3.78	5.68	1.02	.62	2.48	2.93	2.29	
November	2.31	.82	2.21	6.47	.41	5.12	3.69	1.84	4.72	4.79	
December	1.37	3.45	1.82	2.33	2.34	3.46	2.57	3.14	4.40	3.00	
TOTALS	26.08 D	34.41 D	35.07 D	38.22 D	31.22 D	37.47 D	28.18 D	34.29 D	30.40 D	35.03 D	

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.
1911			Old Trafford	100 y				
1947			Old Trafford	100 x	E	St. Hilda's	650 x	E

BRITISH RAINFALL ORGANIZATION



Station No. 2829

RAINFALL at Manchester (Old Trafford)

51

County of Lancashire

Observer

Stelford H. &amp; C.

River Basin Mersey-Swale-3

Type of Gauge Lister

Annual Average in. based on years obs. un-rec'd. Period of average Ref.

" " 33.86 " " 22 " within 1930-51. " " 1916-50

File No. 227798/28

Diameter ...	8"	5"		563	354						
Height ...	1'	1"			1						
Altitude ...	107				51						
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	2.69	3.68	1.19	3.44		4.55	2.26	2.94	2.63	4.23	
February ...	1.85	1.01	1.44	3.42		.80	2.18	5.00	.25	1.80	
March ...	4.12	2.09	1.78	2.45		1.04	2.91	2.03	1.15	0.67	
April ...	1.78	3.65	2.38	.70		3.57	.51	.85	2.74	1.44	
May ...	2.08	1.53	(1.75)	2.60		1.04	1.52	2.78	.80	1.95	
June ...	.94	2.66	(2.33)	3.61		2.45	1.74	4.22	2.18	1.84	
July ...	2.58	2.34	3.51	6.26		5.33	5.21	3.99	2.43	5.19	
August ...	3.50	1.85	3.74	4.70		9.00	4.94	(6.06)	.23	4.96	
September ...	2.57	3.12	2.68	4.31		2.26	5.50	4.04	.24	2.99	
October ...	1.07	3.24	1.72	6.04		2.80	3.78	2.22	3.20	3.81	
November ...	6.57	2.41	3.08	5.78		1.39	1.52	1.29	3.69	3.46	
December ...	4.62	2.72	1.25	5.32		2.96	2.89	3.01	4.53	3.40	
TOTALS ...	34.67	30.30	26.85	48.63		37.19	34.96	38.43	24.07	35.74	
	D	D	D	D	N.R.	D	D	D	np	np	

1956: letter rec'd reporting 1955 record lost.

00204

Inspected June 1956 Mr. Decker. Gauge Mk 14 found on bottle no bottom.

Site of S by Hall 60° NW. Steep drop to railway 40' SE but fence on edge.

Recommend new gauge 03004

1959: - np low (Jan &amp; Dec low).

1960 np low

Position of Station on Ordnance One-Inch map:

No. of Map.....

National Grid Reference 33/8.169.61

Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction from gauge.
1951			Old Trafford	100' E.	St. Hilda	650' E.

Summary of Earlier Records from 10-year Sheets:

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
		c1930 ✓	n, 33-40 ✓	✓	✓