

# 2726 80

## RAINFALL AT *Macclesfield, The Park*

Lat. \_\_\_\_\_ Lon. \_\_\_\_\_ County of *Cheshire*

Rain Gauge, by \_\_\_\_\_ Observer *M<sup>r</sup> J Dale*

*upper mercury - 1.*

Diameter ....		5										
Height .....		1. 0										
Altitude ....		501 $\pi$	7									
Year .....	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.	
January ....	0.71	0.49	2.86	3.46	4.03	2.18	5.78	2.24	1.99	1.34	2.508	
February ....	2.25	5.11	2.86	2.29	1.53	2.16	0.68	0.75	1.48	1.97	2.108	
March .....	1.99	3.97	2.08	0.91	2.38	2.26	2.73	1.80	2.28	3.81	2.441	
April .....	1.58	1.44	3.55	1.82	1.24	1.63	1.80	0.91	1.98	2.51	1.846	
May .....	2.64	3.47	1.65	1.05	2.23	1.94	5.51	1.64	0.94	3.10	2.417	
June .....	3.04	2.27	7.23	4.36	1.31	3.33	1.64	0.91	3.00	0.82	2.791	
July .....	6.85	2.74	5.27	3.14	3.83	1.79	5.28	1.16	6.47	3.52	4.005	
August .....	1.74	5.28	4.68	2.78	2.58	1.83	2.92	1.26	4.07	5.61	3.275	
September....	4.03	1.98	1.99	5.64	4.18	4.31	2.58	3.55	1.39	3.45	3.310	
October ....	2.84	2.85	3.78	5.16	2.26	5.71	5.75	2.27	1.37	2.44	3.383	
November ....	3.51	3.71	6.18	3.45	1.87	2.81	2.73	1.53	4.29	2.26	3.234	
December ....	4.98	3.73	5.59	2.66	3.57	2.38	4.84	2.86	2.23	2.86	3.570	
TOTALS ....	(36.16)	37.04	47.72	36.72	31.21	32.33	41.64	20.88	31.49	33.69	34.888	

1880 Park Green used for purpose of averages

1887 Macclesfield Ch 1/2 mile S E

RAINFALL AT *Macclesfield The Park*Lat. *53 15 45 N*Lon. *2 8 6 W* County of *Cheshire*

Rain Gauge, by

Observer

*Mr. Dale**Upper mercury - 1.*

Diameter ....	5											
Height .....	1 0											
Altitude ....	501 T											
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January ....	3.68	2.97	3.48	1.80	2.92	2.72	1.46	1.55	2.21	3.11	2.57	1
February ....	0.61	0.36	2.18	3.56	3.70	0.33	1.97	2.85	2.90	1.13	1.95	9
March .....	3.51	2.39	1.22	0.84	2.38	3.70	4.32	3.37	1.01	1.71	2.44	5
April .....	0.98	2.44	1.25	0.54	1.25	2.35	2.07	2.59	2.22	4.34	2.00	3
May .....	2.33	4.24	3.65	2.98	2.64	0.76	0.52	1.88	3.10	2.11	2.42	1
June .....	4.36	1.33	3.47	2.12	2.98	4.82	3.86	3.80	2.63	2.43	3.18	0
July .....	3.49	2.81	3.31	3.90	3.22	5.75	1.59	1.48	0.86	1.79	2.82	0
August .....	3.89	5.10	4.14	3.35	4.16	3.89	3.09	3.54	5.80	2.42	3.98	8
September ....	0.88	3.06	3.13	2.38	0.51	0.86	4.88	4.94	0.73	4.67	2.60	1
October .....	3.05	4.79	4.88	2.45	2.97	2.85	4.15	1.68	3.94	3.59	3.42	5
November ....	6.17	2.44	2.20	2.16	2.59	2.83	1.57	4.13	2.51	1.42	2.80	3
December ....	0.29	5.45	2.52	3.36	2.93	3.23	4.65	3.84	4.05	2.98	3.33	0
TOTALS ....	33.24	37.38	35.43	29.44	32.25	34.09	34.13	35.65	31.96	31.70	33.52	7

# RAINFALL AT *Macclesfield The Park* 2726

Lat. *53° 15' 45" N*

Lon. *2° 8' 6" W*

County of *Cheshire*

*Swordon* Rain Gauge, by *Caseella*

Observer *W. Dale Esq*

*Upper Mersey - 1.*

Diameter ..	5										
Height ....	1.0										
Altitude ..	501T										
Year ....	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	3.71	2.17	2.15	3.01	2.80	2.04	4.07	1.33	2.55	1.89	2.572
February ..	3.93	1.61	1.33	2.36	2.88	2.21	3.58	1.93	3.14	1.54	2.451
March ....	1.03	2.45	2.93	4.85	1.48	3.71	2.82	2.60	2.78	2.94	2.759
April .....	2.29	2.79	2.16	1.97	1.90	2.29	2.63	1.71	1.85	2.47	2.206
May .....	1.42	1.20	4.61	2.08	2.23	0.82	3.10	3.21	2.28	1.48	2.243
June .....	3.78	1.75	1.67	1.28	0.61	2.02	1.83	5.65	2.21	3.04	2.384
July .....	3.05	2.71	2.79	3.13	1.60	3.09	1.49	3.60	5.16	4.98	3.160
August ....	4.17	2.08	3.12	4.95	4.19	4.19	3.19	5.34	3.00	2.82	3.705
September..	1.65	1.07	1.56	5.05	1.69	2.46	2.22	0.66	3.76	2.25	2.247
October ....	5.32	3.62	4.09	6.69	1.26	3.12	5.63	3.48	0.82	4.88	3.891
November ..	2.37	3.78	1.70	3.70	2.81	3.55	2.50	2.55	2.89	1.18	2.703
December ..	3.91	5.13	2.84	1.64	1.96	0.61	4.23	2.74	2.45	7.13	3.264
TOTALS ..	36.63	30.36	30.95	40.71	25.41	30.11	37.39	34.80	32.89	36.60	33.585

*D D D m D S*

1906 *Chapel Church* 1/2 mile S. S E  
*Macclesfield Station* 3/4 E  
 1908 *Green* 25 ft high 40 ft W



RAINFALL at Macchfield The Park (West Park)County of ChesterObserver Mr J Dale M. S. H. Moss

2726

River Basin Upper Mersey 1Sunder Rain Gauge, by Casella

Diameter ...	5											
Height .....	10											
Altitude ...	501 ft											
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.	
January ...	2.97	1.29	2.62	3.39	2.36	5.69	1.64	2.60	2.09	3.82		10.15
February ...	2.85	2.59	0.98	1.29	2.15	3.64	4.27	1.33 1.53	3.62	1.01		10.23
March .....	0.80	2.15	4.43	4.41	4.83	1.62	2.20	2.10	1.92	4.81		11.03
April .....	4.46	2.81	0.64	3.84	1.50	1.63	3.36	2.36	1.46	2.44		9.62
May .....	2.67	0.71	2.41	2.97	2.82	1.33	2.57	2.52	2.28	1.40		8.77
June .....	2.14	3.64	3.90	2.71	1.67	2.33	3.13	2.32	1.92	2.86		10.23
July .....	5.99	0.45	3.58	1.56	4.55	5.45	2.04	1.81	4.82	2.52		11.19
August .....	5.46	2.74	6.86	2.22	4.26	3.52	3.36	5.75	3.11	3.69		15.91
September ...	0.36	3.13	1.98	1.20	3.24	0.71	2.71	2.22	7.56	2.93		15.42
October ...	2.60	2.75	3.31	2.12	1.84	1.37	4.03	5.95	1.88	2.67		14.53
November ..	5.12	2.76	2.71	3.18	3.78	1.81	2.65	3.50	1.81	2.67		13.63
December ...	2.87	4.94	3.81	2.02	5.64	4.98	2.98	1.42	6.19	5.47		16.86
TOTALS ...	38.29	29.96	37.23	30.99	38.64	34.08	34.94	33.88	38.66	36.29		143.77

From "Dont interfere with Rainfall"

+ Imperfect

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
	53 15.45	2 56 W	Macchfield	1/2 m	E	Macchfield	1/4 m	SE

RAINFALL at Macclesfield - West ParkCounty of CheshireObserver Mr. J. H. MassRiver Basin Upper Mersey 1Edmund Hamson <sup>CE</sup> (Rise Engineer)  
per J. Barber.Snowdon Rain Gauge, by Cassella

Diameter ...	5"												
Height .....	1 0							1 0					
Altitude ...	501							500					
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	<del>1930</del> 1930	Totals: 20.30	
January ...	3.93	4.00	3.72	3.16	3.26	2.71	2.97	3.37	6.23	1.84	4.15	39.34	
February ...	3.85	0.60	3.80	5.56	1.23	5.17	2.90	1.96	3.29	1.02	0.33	29.65	
March .....	2.57	2.49	2.35	1.78	0.86	1.48	1.81	4.23	1.74	0.81	2.68	28.80	
April .....	5.23	1.77	2.62	2.81	1.76	2.05	1.38	3.42	1.32	1.26	2.27	25.27	
May .....	5.44	2.04	1.36	3.41	4.78	4.25	4.43	1.28	0.89	2.59	2.66	33.13	
June .....	3.62	0.65	2.08	1.28	2.82	0.18	2.58	6.03	5.05	2.14	1.60	28.03	
July .....	5.55	1.08	4.42	4.07	3.49	2.34	3.25	5.15	1.95	4.55	6.64	48.49	
August .....	2.19	4.36	4.51	4.11	6.97	2.81	4.44	4.96	5.35	4.47	5.14	49.81	
September...	3.26	0.95	3.72	5.64	3.31	5.09	3.70	5.07	1.15	2.46	2.94	37.22	
October .....	1.44	2.34	0.72	3.79	4.91	4.20	3.36	2.26	3.96	4.80	6.33	38.11	
November...	0.79	2.03	2.02	3.33	1.58	2.73	4.43	(2.69)	5.83	6.23	3.50	35.16	
December...	2.11	4.33	4.76	4.21	3.61	2.28	1.48	1.00	2.16	4.77	3.38	34.09	
TOTALS...	39.98	27.14	36.08	43.09	38.58	35.29	36.73	41.42	38.95	36.94	41.62	415.22 416	

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
1920	53° 15' 46"	2° 8' 6"	Macclesfield	1/2 mi	E	Macclesfield	1/4 mi	S E
1927	53° 15'	2° 8'	Hebel Rd	1 mile		Parish	1 mile	



RAINFALL at Macclesfield (West Park)

M.W.R.

County of CheeshireObserver E. Hanson, Esq., C.E.River Basin Mercy - Upper I.

Type of Gauge.....

Annual Average 34.1 in. based on 35 years obs. un-weighted. Period of average 1881-1915 Ref. Bot N.

Diameter	5											
Height	10											
Altitude	500											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	
January	4.60	3.52	2.17	2.77	2.89	3.04	3.53	4.13	4.34	2.12		Totals 33.11
February	4.16	0.33	3.36	0.40	4.52	2.53	5.75	1.55	2.33	2.43		27.36
March	0.44	2.38	2.69	2.98	1.46	1.72	2.22	1.27	2.19	2.51		17.86
April	4.58	4.15	2.01	2.12	4.16	1.34	3.81	0.38	1.79	2.26		26.60
May	2.78	5.17	1.74	2.17	0.79	0.96	2.08	3.15	1.56	1.53		21.93
June	4.89	0.67	5.03	2.00	4.54	2.33	1.79	3.54	2.28	1.32		28.39
July	4.19	3.70	2.51	4.04	1.75	6.25	3.95	4.93	6.38	4.66		42.36
August	5.63	1.43	0.92	2.77	2.23	1.66	1.21	2.93	2.22	1.80		22.20
September	3.68	2.92	0.85	2.71	6.20	3.90	1.31	1.95	1.00	3.11		27.63
October	2.18	7.04	4.99	4.68	5.91	4.27	1.34	5.00	2.15	3.67		41.73
November	5.59	2.92	1.25	1.63	4.71	2.80	1.56	4.15	5.61	6.99		38.21
December	1.60	1.29	.53	4.94	3.70	3.70	2.65	4.56	2.43	3.36		28.76
TOTALS	44.32	35.52	28.05	33.42	42.86	35.50	31.70	37.54	34.28	35.76		358.74
	D.	D.	D.	D.	D.	D.	D.	D.	D.	D.		D.H.

Too far to interfere with catch.

27/5/1946. Inspected &amp; recommended that instruments be moved 5 more feet up side. This had not been done by Dec 1914. Minor repairs were necessary to the gauge which had a leaky flange &amp; no wind cap.

Inspected 1939. Gauge needs replacement, also flat bottom measure.

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			Macclesfield	3/4 m	W.	Macclesfield	1/2 m	SE.

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

Station No. T.F. 2726RAINFALL at Macclesfield (West Park) M.W.R.

41

County of CheshireObserver E. Hammond Esq & CRiver Basin Mersey - Upper - 1J. H. Donnell Esq (246)

Type of Gauge.....

Annual Average 34.1 in. based on 35 years obs. ~~un~~-weighted. Period of average 1881-1915 Ref. B. 1. NFile No. 6651.30/24

Diameter	5"			564	708							
Height	1'0"				1							
Altitude	500				41							
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means	
January	1.20	3.32	4.41	5.44	3.30	3.92	2.29	7.56	2.10	1.83		Totals 35.37
February	4.10	1.66	2.54	1.82	3.10	6.24	0.70	2.05	1.55	4.50		28.26
March	2.59	1.90	0.94	0.64	1.47	1.07	4.70	1.31	1.96	1.70		18.28
April	2.13	1.82	1.98	2.45	2.37	1.79	2.63	1.00	3.09	3.70		12.96
May	2.10	4.07	2.46	3.23	3.44	1.60	2.38	1.14	2.30	1.14		23.86
June	.79	1.03	3.72	3.17	2.94	3.49	1.83	5.99	2.02	2.96		27.94
July	2.66	4.36	1.59	3.60	1.85	6.29	3.55	3.24	2.22	3.07		32.43
August	5.68	2.75	3.50	2.93	2.72	5.48	0.73	5.69	2.38	4.00		35.92
September	.62	2.63	3.97	3.16	2.12	4.39	2.18	2.36	1.34	5.39		28.16
October	4.74	5.07	3.10	4.36	5.88	0.44	0.81	2.61	3.23	2.12		32.36
November	3.06	.76	3.16	5.85	0.57	5.28	3.52	2.85	4.66	5.93		35.64
December	2.01	3.83	1.72	2.47	2.68	3.86	3.30	2.82	4.55	4.65		31.89
TOTALS	31.66 D	33.20 D	33.09 D	39.18 D	32.44 D	43.85 D	28.62 D	38.62 D	31.40 D	40.99 D		353.07 466

15.8.47. 5" measure sent, also quart bottle.

7.9.50 Gauge sheltered by screen. Lens to be repaired. Taper neumes recommended  
Gauge repaired Nov 1950. Frame 30-40" high 30" SW.

312.08

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.
1945			Macclesfield	1/2 m	E	Macclesfield	1/2 m	E

BRITISH RAINFALL ORGANIZATION

Station No. 2726

T.F. 27

RAINFALL at Tracelands (West Park)

mmR 249

51

County of CheshireObserver J. H. Dessett Esq.River Basin Messy - Mppm - 1

Type of Gauge

Annual Average 34.1 in. based on 35 years obs. un-weighted.Period of average 1881-1915Ref. B of N36.33 " " " " " 1916-1950File No. 665130/26

Diameter ...	5"			564	708							
Height ...	1' 0"				1							
Altitude ...	500'				51							
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means	Total
January ...	3.23	4.04	1.75	2.96	2.31	4.94	1.66	3.50	2.69	4.80	31.94	
February ...	3.49	2.08	1.64	3.49	(2.61)	1.10	2.12	4.97	5.9	2.07	24.16	
March ...	4.77	2.51	2.35	2.53	2.40	1.52	3.28	1.55	1.79	0.97	23.67	
April ...	2.65	(3.73)	2.61	2.85	2.15	1.94	4.47	1.27	2.68	1.59	19.94	
May ...	1.76	2.10	1.73	3.66	3.18	1.12	2.42	2.85	1.99	1.89	21.70	
June ...	1.46	2.68	2.46	3.03	2.50	2.80	1.71	6.50	1.64	1.68	26.46	
July ...	3.24	3.09	4.60	4.91	0.84	4.86	5.30	4.05	3.01	5.20	39.10	
August ...	5.36	1.81	3.48	4.87	1.10	9.63	3.96	3.84	1.51	4.34	38.90	
September ...	2.86	3.77	2.83	4.15	2.46	2.53	6.19	4.63	1.16	3.12	32.70	
October ...	0.96	3.53	1.90	6.00	2.43	2.67	3.54	3.54	3.46	3.84	31.87	
November ...	7.96	2.28	2.66	5.32	1.87	1.55	1.63	1.60	4.15	4.80	33.82	
December ...	4.85	3.54	1.72	5.27	3.65	3.67	3.75	3.37	5.61	3.66	39.09	
TOTALS ...	42.59	35.16	29.73	47.04	27.50	38.33	36.03	41.61	27.28	38.02	363.35	
	D	D	D	D	D	D	D	D	D	D		

1952 Apr amended M036.

1965 June - gauge broken - gauge slightly elliptical &amp; distorted - Shelters by trees 30' x 30' x SE-SW

light leak in funnel

1955 Feb partly estimated in M036.

1960 Imp. S.B. G. M. G. Hripp - Overhauled by trees. Elev. 30' - 40' from about 180° - 225°. Gauge satisfactory but rain rough - this is being attended to.

04004

Position of Station on Ordnance One-Inch map :

No. of Map 110National Grid Reference 53(33) 911.741

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

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
	✓	✓	✓	✓	
	Shut - 16-18	Shut - 23			