

RAINFALL at Macclesfield Leadbeaters ReservoirCounty of CheshireObserver E. Hanson, Esq. Cl.  
Cheshire SocietyRiver Basin Mersey - upper - 1Engineer MacclesfieldSituation Rain Gauge, by N+Z.

Diameter ...			5							6	
Height .....			1.0								
Altitude ...			608							500	
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	<del>1930</del> 1930
January ...	imp	4.33	3.28	3.45	2.95	2.58	2.90	3.68	5.96	1.88	4.33
February ...	5.88	7.1	3.94	5.90	1.19	5.16	2.80	1.98	3.03	.91	.57
March .....	1.91	2.30	2.18	1.85	.89	1.38	1.46	4.25	1.77	.76	2.47
April .....	5.30	1.80	2.62	3.10	1.69	1.84	1.27	3.26	1.10	.96	2.30
May .....	5.19	1.82	1.22	3.63	4.54	4.24	3.64	1.35	.89	2.29	1.92
June .....	3.49	.71	1.95	1.34	2.18	.20	2.27	5.24	4.55	1.83	1.38
July .....	5.12	.96	4.23	3.63	2.96	2.18	3.19	4.09	1.71	3.76	6.23
August .....	2.08	6.15	4.64	3.84	6.58	3.38	4.11	4.54	4.84	4.53	4.67
September...	3.16	.81	4.12	4.92	3.17	4.34	3.11	5.11	1.24	2.22	2.67
October .....	1.39	2.11	.68	3.40	5.25	3.96	3.02	2.19	3.38	4.52	5.77
November...	.80	1.79	1.91	3.63	1.53	2.34	4.45	2.45	6.13	7.09	3.57
December...	2.17	4.20	4.65	4.88	3.26	2.14	1.48	0.92	2.27	5.46	3.52
TOTALS...	imp	27.69	35.42	43.57	36.19	33.74	33.80	39.06	37.20	36.21	39.40
			D	P	D	D	D	D	D	D	D

1920 &amp; 21 received 1923 entered 21.25

1923 Stone wall on grass bank 10' high 200' west.

1930 S. road 9 am.

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	Parish Church.	Distance from gauge	Direction
1922	55° 15' 14"	2° 6' 25"	Macclesfield	1 mile	W	Macclesfield	1 mile	W

RAINFALL at Macclesfield (Leadbeaters Res.)County of CheshireObserver E. Hamson Esq. C.E.River Basin Mersey Upper IType of Gauge Sneyden M.O. 122Annual Average 33.1 in. based on 5 years obs. un-weighted. Period of average 1881-1915 Ref. S.  
665/130/26.

Diameter	6"								5			
Height	0' 9"								10	1' 0"		
Altitude	605'											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Mean- Total	
January	4.46	3.19	1.81	3.13	2.15	2.43	3.41	2.86	4.00	(188)	29.32	
February	3.43	3.4	3.04	3.7	3.48	2.07	4.30	1.16	2.01	2.10	22.30	
March	5.7	2.40	2.60	2.73	1.04	2.22	2.15	.93	1.86	2.12	18.67	
April	4.43	3.71	1.79	2.08	2.94	1.46	3.30	.24	1.48	2.12	23.55	
May	2.52	4.59	1.89	2.25	.72	.90	1.91	3.04	1.64	1.27	20.73	
June	4.97	.64	4.20	1.72	3.88	2.07	1.13	2.99	2.12	1.37	25.09	
July	3.43	4.00	2.40	2.52	1.46	5.71	3.69	4.21	5.89	4.16	37.47	
August	5.48	1.28	.84	2.44	2.08	1.72	.93	3.09	2.95	1.33	22.19	
September	4.12	2.62	1.06	2.86	5.84	3.35	.97	1.76	1.15	2.38	26.11	
October	2.02	6.71	4.69	4.31	5.29	3.38	1.74	4.40	2.20	3.43	38.17	
November	5.50	2.71	1.39	1.66	4.46	3.57	1.06	3.43	5.08	6.34	35.20	
December	1.09	1.30	.42	5.10	3.10	2.79	2.77	3.54	1.95	2.53	24.59	
TOTALS	42.02	33.49	26.13	31.17	36.44	31.67	27.41	31.70	32.33	31.03	323.39	
	D.	D.	D.	D.	D.	D.	D.	D.	D.	D.	D.	

1940. Jan. cond. for snow. Gauge moved to more sheltering position. ill. / 40.

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
1936.			Macclesfield	1 mi.	n.w.	Macclesfield	5 1/2 mi	n.w.



Station No. 75-2725RAINFALL at Macclesfield (Leadbeater Res.)

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County of CheshireObserver E. Hanger Esq. & J. H. Dorett Esq. (1946)River Basin Mersey Upper

Type of Gauge

Annual Average 33 in. based on 5 years obs. un-weighted. Period of average 1881-1915 Ref. SFile No. 665130/26

Diameter	5"	6"		5 1/4	6 1/2					6"	
Height	1'0"	0'9"			1						
Altitude	605'				41			579'			
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means Tallies
January	.94	3.13	4.64	5.29	3.50	3.55	2.33	8.08	2.32	1.76	35.54
February	3.50	1.90	2.42	1.72	2.99	5.95	.68	2.07	1.54	4.44	27.21
March	2.51	1.65	.76	.54	1.44	.97	4.98	1.43	2.06	1.83	18.17
April	2.16	1.82	1.90	2.62	2.09	1.69	2.65	.97	3.12	3.69	22.70
May	2.09	4.01	2.54	2.67	3.15	1.57	2.51	1.25	2.30	1.07	23.16
June	1.27	.96	3.35	3.17	2.96	3.30	1.81	5.27	2.05	3.29	27.43
July	2.16	4.20	1.27	3.75	1.63	5.41	3.30	3.03	1.85	2.90	29.50
August	5.37	2.49	3.51	3.12	2.53	4.58	.55	5.56	2.68	3.53	33.92
September	.56	2.56	4.36	3.15	1.78	4.15	2.06	2.07	1.08	4.94	26.71
October	4.81	4.97	2.96	4.63	5.58	.41	.75	2.67	2.77	1.80	31.35
November	2.91	.75	2.97	5.24	.46	4.86	3.47	2.56	4.82	5.19	33.93
December	1.98	3.52	1.69	2.65	2.77	3.83	3.83	3.07	4.25	2.95	30.54
TOTALS	30.25 D	31.96 D	32.37 D	33.25 D	30.88 D	40.27 D	28.92 D	38.03 D	30.84 D	27.39 D	340.16

Aw. 33.1" rejected as too low (see min 36 in f 665130/26) 15243. Looks reasonable 1951 3.6

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 mi	NW	Macclesfield	1 1/2 mi	NW

BRITISH RAINFALL ORGANIZATION

Station No. 2725RAINFALL at Macclesfield (Leadheaters Res.)

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County of CheshireObserver J. H. Dosselt Esq.River Basin Mersey - Upper - 1Type of Gauge M.O. M.I.Annual Average 34.77 in. based on 35 years obs. un-weighted. Period of average 1916-50 Ref. 665130/26  
File No. 665130/26

Diameter ...	5"			564	665							
Height ...	1' 0"				1							
Altitude ...	<u>579</u> <u>608</u>			9"	51							
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means	Totals
January ...	3.04	3.72	1.76	2.81	2.37	5.19	1.81	3.36	3.15	4.88	32.09	
February ...	3.45	2.07	1.59	3.02	2.87	.97	2.22	4.55	.57	2.21	23.52	
March ...	5.16	2.48	2.17	2.31	2.67	1.41	2.94	1.41	1.88	1.20	23.63	
April ...	2.64	3.39	2.75	.73	2.06	2.33	.32	1.15	2.53	1.51	19.41	
May ...	1.99	2.17	1.91	4.19	3.33	1.25	2.25	3.20	.94	1.88	23.11	
June ...	1.15	2.55	2.53	2.91	2.68	2.95	1.82	5.84	1.60	1.53	25.56	
July ...	2.97	2.86	4.79	4.81	.90	4.64	5.26	3.99	3.10	5.46	38.78	
August ...	5.33	1.51	4.29	4.85	.84	10.21	3.88	3.88	.56	3.41	38.76	
September ...	2.11	3.61	2.56	4.05	2.42	2.65	6.47	4.14	.17	3.48	31.74	
October ...	.88	3.71	1.96	5.89	2.43	2.63	3.38	3.31	3.34	4.32	31.85	
November ...	8.21	2.20	2.39	5.47	1.93	1.68	1.85	1.47	4.52	4.90	34.62	
December ...	4.76	3.32	1.29	5.24	3.60	3.82	3.87	3.58	5.78	3.68	38.94	
TOTALS ...	41.77 D	33.59 D	29.99 D	46.28 D	28.10 D	39.73 D	36.07 D	39.83 D	28.14 D	38.46 D	362.01	

1956 Feb. adjusted 1036. Engineers agrees.  
 Ref. III 1958 J.B.O. Over-land NW-SW.

Position of Station on Ordnance One-Inch map :

No. of Map 110National Grid Reference 57 226 733

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

Summary of Earlier Records from 10-year Sheets :

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
		Cimp. 1920 D22-30	✓ ✓	✓ ✓	