

# RAINFALL AT Sandbach Maltings Bank

Lat. \_\_\_\_\_

Lon. \_\_\_\_\_

County of Chester

Rain Gauge, by \_\_\_\_\_

Observer Messrs Brunner Mond & Co

weaver - 2.

Diameter ....								5			
Height .....								3 8			
Altitude ....								244			
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January ....								<sup>11</sup> .84	1.54	2.20	
February ....								1.78	1.40	.97	
March .....								1.67	.53	.95	
April .....								1.90	1.04	2.24	
May .....								1.03	3.52	1.46	
June .....								3.11	2.14	2.22	
July .....								.83	.84	1.68	
August .....								2.28	4.74	1.24	
September....								3.30	.52	2.99	
October .....								1.08	2.19	2.77	
November....								2.71	1.06	.64	
December ....								2.21	2.17	1.70	
TOTALS .....								22.74	21.69	21.06	

Christchurch wheelbar 1 mile W

Shed 8 ft high 86 ft N

N.B. Annual values rejected from Survey. 1928.

# RAINFALL AT Sandbach Malpas Park

Lat. .... Lon. .... County of Cheshire

Snowdon Rain Gauge, by Casella Observer. Messrs Brunner Mond & Co

Went - 2.

7 W. Torok, Sec. Messrs Brunner Mond & Co

Diameter ..	5											
Height ....	3.8											
Altitude ..	244											
Year ....	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.	
January ..	2.52	1.64	1.85	3.72	1.93	.65	3.57	1.19	1.40	1.44	1.991	
February ..	2.30	1.27	1.10	1.02	2.10	1.03	2.08	1.33	1.46	.59	1.428	
March ....	.71	1.57	2.11	3.25	1.11	2.54	2.01	1.37	2.11	2.07	1.885	
April .....	1.06	2.06	2.53	1.23	1.30	1.71	1.91	1.23	2.12	1.79	1.694	
May .....	1.47	.80	3.47	2.61	2.13	.64	2.27	2.76	2.24	1.45	1.984	
June .....	3.29	1.98	1.76	1.19	.91	1.69	1.31	4.40	1.60	2.79	2.092	
July .....	1.67	3.04	1.72	3.55	1.76	1.91	1.48	2.57	3.73	4.33	2.576	
August ....	4.79	2.50	3.25	3.53	3.14	3.76	2.27	3.54	2.65	2.58	3.201	
September ..	.77	.59	1.12	4.14	1.87	1.31	1.81	.50	2.54	2.80	1.745	
October ....	3.26	2.83	3.50	5.06	1.14	2.38	4.52	2.98	1.24	4.16	3.107	
November ..	1.96	2.14	1.77	2.73	1.31	2.62	1.90	1.38	2.21	1.04	1.906	
December ..	2.94	4.07	1.77	1.15	1.48	.44	2.26	1.64	1.81	3.81	2.137	
TOTALS ..	26.74	24.49	25.95	33.18	20.18	20.68	27.39	24.89	25.11	28.85	25.746	

1900 Christ Church Wheelock Ch 1 mile W  
 Wooden shed 8 ft high 66 ft N  
 1903 Sandbach Station 2 1/8 miles E

N.B. Values repeated when Rainfall Survey Map prepared in Nov. 1928.

RAINFALL at Sandbach Malkins BankCounty of CheshireObserver Miss Brunner Mond & Co  
G. JohnsonRiver Basin Mersey-Weaver 2Sondson Rain Gauge, by Cassella

Diameter ...	5											
Height .....	3.8											
Altitude ...	244 ft					138						
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.	
January ...	1.42	.71	2.12	2.09	1.50	3.17	1.03	1.90	1.66	2.84		
February ...	1.89	1.50	.47	.92	1.15	2.11	3.25	.88	1.65	.78		
March .....	.55	1.17	3.57	3.68	3.00	1.18	1.50	1.52	1.12	4.13		
April .....	2.37	1.18	.15	2.42	.98	.93	1.45	1.05	.89	.87		
May .....	2.09	.42	1.72	1.96	1.79	1.21	1.92	2.17	1.88	.47		
June .....	1.51	2.49	3.18	1.72	1.34	1.46	1.37	1.94	1.39	1.68		
July .....	3.74	.58	2.52	.86	5.09	3.87	1.56	1.59	4.20	1.68		
August .....	3.99	1.79	4.11	1.97	3.91	2.40	3.15	4.45	2.82	2.31		
September ...	.47	2.37	.94	1.02	1.82	.68	1.67	1.21	4.95	1.84		
October ...	2.07	2.28	2.28	1.72	1.12	1.07	2.44	4.49	1.47	2.86		
November ...	5.07	1.79	2.39	1.81	2.36	1.79	1.57	2.20	1.75	1.62		
December ...	2.68	3.59	1.94	1.38	4.86	3.79	1.91	1.01	4.24	4.46		
TOTALS ...	27.85	19.82	25.34	21.55	28.92	23.61	22.82	24.41	28.02	24.99		
	<u>3</u>	<u>2</u>	<u>2</u>	<u>2</u>	<u>2</u>	<u>2</u>	<u>2</u>	<u>2</u>	<u>2</u>	<u>3</u>		

1912 Shed 8 ft high 66 ft N

N.B. Values rejected from Survey, 1928.

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
	53.732 N	2.20.48 W	Sandbach	2 1/8 m	NW	Chastell Wharfedale	1 m	W



RAINFALL at *Sandbach Malkins Bank*County of *Cheshire*Observer *Messrs Brunner Mond & Co.**per G. Johnson (1921)*River Basin *Mersey-Weaver 2*Old Gauge *Snowdon* Rain Gauge, by *Casella*  
New Gauge *M.O.*

Diameter ...	5						5	5			
Height .....	3.8						3.8	1.0			
Altitude ...	138						230 <del>138</del>	230			
Year .....	1920	1921	1922	1923	1924	1925	1926 <i>old gauge</i>	1927 <i>new gauge</i>	1928	1929	1930 MEANS
January ...	2.87	2.60	2.64	1.52			2.04	2.59	4.99	1.59	3.80
February ...	2.94	2.7	2.07	2.73			1.06	1.26	2.30	.94	.16
March .....	2.34	1.33	1.79	1.37			2.77	3.13	1.23	.64	2.47
April .....	3.54	.78	2.36	1.82			1.91	2.17	1.01	.79	2.72
May .....	3.52	1.65	.77	3.03			1.58	1.74	0.74	1.84	2.29
June .....	3.16	.54	1.30	.41			4.42	4.77	4.54	1.85	1.49
July .....	4.36	.53	3.18	1.89			1.59	1.86	1.69	2.66	6.73
August .....	1.19	5.17	3.47	2.46			3.27	3.76	3.68	2.29	3.13
September...	2.14	.79	3.22	2.96			3.60	4.01	0.76	1.76	2.89
October .....	1.33	2.46	.21	3.16			1.51	1.82	3.62	4.68	4.49
November...	.39	1.30	.98	1.39			2.24	2.65	4.07	5.85	2.94
December...	1.79	1.88	3.00	3.66			0.83	0.94	2.08	4.55	2.86
TOTALS...	29.57 D	19.30 D	24.99 2	27.40 0.8			26.82	30.70 D	30.70 11	30.44 D	35.97 D

1920 Shed 8 ft high 66 ft N.

1920. *sp. low.*1924. *8. overflood on bank of reservoir (file 47824/24)*

1926 Proposed 8/9/26 by T.P. Dines. Gauge not only on bank of reservoir but is mounted on a pole 3 ft above the ground. New site found on some waste land on N side of a canal which adjoins the works (7/2/28/26). New 5" M.O. gauge No 876 with tape machine purchased Oct 1926 and is to be placed on new site. *our comments with old gauge for comparison.*

1927 Comparison shows that old site gave values about 15% low see file 7/2/28/26

1927. *Shows 30" high 120" S. Hence surrounding gauge 4 1/2" square*

N.B. Values rejected from Survey 1933

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 from gauge	Parish Church.	Distance from gauge	Direction from gauge
1920	53° 7' 32"	2° 20' 48"	Sandbach	2 1/8 mi	N W	Wheelock	1 mi	W

## RAINFALL at Sandbach (Malkin's Bank)

County of CheshireObserver Messrs. Brunner, Mond & Co.,River Basin Mersey-Weaver-2I.C.I. (Alkali) Limited

Type of Gauge.....

Annual Average 27.8 in. based on 5 years obs. un-weighted. Period of average 1881-1915 Ref. I.W.S. 712128/26

Diameter	5.										
Height	1.0.										
Altitude	230.										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	2.32	2.54									
February	2.90	.16									
March	.14										
April	3.36										
May	2.82										
June	4.27										
July	3.32										
August	5.39										
September	3.04										
October	.95										
November	4.78										
December	1.62										
TOTALS	34.91										
	D.										

# Factory closed down, no readings after March 7th.

#  
Factories closed down, no readings after  
March 7th.\* Observer (27.8) rejected as being about 1 in. too lowPosition 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