

RAINFALL AT Middlewick

Lat.

Lon.

County of

Chester

Levener - 2.

Rain Gauge, by

Observer McBranner Mond & C.

Diameter	5										
Height											
Altitude											
Year 1890 1891 1892 1893 1894 1895 1896 1897 1898 1899 MEANS.											
January	#	1.03	1.79	2.84							
February		2.22	1.72	1.05							
March		1.74	.66	1.30							
April.....		2.16	1.29	2.61							
May		1.42	3.75	1.79							
June		2.86	1.82	2.16							
July		1.00	.66	1.45							
August		2.95	5.03	1.28							
September....		3.71	.55	2.82							
October.....		1.51	2.94	3.25							
November....		2.60	1.29	1.14							
December		2.54	2.80	2.27							
TOTALS		25.74	24.30	23.96							

Middlewick Church 1/2 mile N.W.
Shed 35 ft high 186 ft S W

N.B. annual Values rejected from Survey, 1928.

RAINFALL AT Middlewich

Lat.

Lon.

County of Cheshire

Snowdon

Rain Gauge, by Carell

Observer Mr. Brunner Mond & Son

weaver - 2.

Rooce Brunner Mond

Diameter ..	5										
Height	3.10										
Altitude ..	1387										
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	3.16	1.37	1.41	2.80	1.72	.90	3.82	1.11	1.77	1.30	1.936
February ..	2.76	1.18	1.44	1.61	2.57	1.07	2.34	1.38	1.83	.61	1.679
March	1.06	1.57	1.70	3.18	1.19	2.71	2.48	1.68	2.45	1.97	1.999
April	1.26	1.84	2.00	1.53	1.41	1.93	1.80	1.23	2.49	1.43	1.692
May	1.61	.96	3.06	2.04	1.68	.58	2.08	2.75	2.60	.91	1.822
June	3.22	2.14	1.03	1.34	1.01	1.58	1.06	3.70	1.62	2.38	1.908
July	2.63	3.15	1.73	2.97	2.24	2.01	.86	3.76	3.11	4.20	2.666
August	4.67	2.44	2.97	3.43	3.29	3.48	2.75	3.13	2.10	2.79	3.105
September..	.80	.80	1.13	4.40	2.22	1.53	1.89	.50	2.90	2.03	1.820
October....	3.32	2.48	3.04	5.06	1.15	2.04	4.77	2.94	1.67	4.00	3.047
November ..	2.08	2.10	1.20	2.92	1.44	3.00	2.04	1.75	2.12	.90	1.955
December ..	3.41	3.74	2.16	.96	1.88	.36	3.57	1.79	1.96	4.97	2.480
TOTALS ..	29.98	23.77	22.87	32.24	21.80	21.14	29.46	25.72	26.62	27.49	26.00

D X > > = > J

Hub

1900 Middlewich Church 1/2 mile N.W.

Woodenshed 35 ft high 186 ft S. E.

1903 Middlewich Station 3/4 mile N.E.

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

RAINFALL at MIDDLEWICH

County of Cheshire

Observer Mr F. Bunnacer Maud & Co

Beebe
George Johnson

River Basin Mersey-Dee 2

Swards Rain Gauge, by Casella

Diameter ...	5"											
Height	3.10											
Altitude ...	138 ft											
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.	Totals
January ...	1.84	.74	3.15	2.24	1.51	3.45	1.23	1.91	1.50	2.39		15.19
February ...	1.91	1.73	.67	.96	1.17	2.68	3.08	1.21	1.74	.98		7.03
March54	1.23	3.57	3.73	2.55	1.42	1.76	1.55	1.05	4.71		9.07
April	2.35	1.54	.25	3.07	.87	.96	1.95	1.68	.76	1.48		5.84
May	2.02	.58	1.87	1.70	1.54	1.75	1.90	2.37	2.66	.84		7.77
June	1.80	2.58	3.04	1.72	1.54	1.93	1.84	2.17	1.30	1.88		7.19
July	3.39	.46	3.04	1.11	4.48	3.97	1.20	1.87	4.15	1.54		8.76
August	5.09	2.28	5.14	2.11	2.70	2.45	2.45	5.05	2.90	2.76		13.15
September ..	.26	2.61	1.06	1.01	1.66	.47	1.70	1.83	6.18	2.01		11.72
October ...	2.07	2.03	2.62	2.81	1.50	1.33	2.78	4.67	1.42	2.41		11.28
November ..	4.90	2.24	2.50	1.86	2.90	1.98	1.58	2.35	1.77	1.78		7.46
December ...	2.56	3.90	2.19	1.48	4.92	4.09	2.17	1.10	4.53	4.57		12.37
TOTALS ...	28.73	21.84	20.10	23.30	27.34	26.48	23.62	27.76	29.96	27.31		108.65

Shed 35 ft high 158 ft SW

N.B. Values projected from Survey, 1928.

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
	53°11'20"N	2°26'2" W	Middlewich	3/8 mi	NW	Middlewich	1/2 mi	NW

RAINFALL at Middlewich

County of Cheshire Observer Mess^{rs} Brunner Mond & Co.
 River Basin Mersey Weaver 2. 1921 G. Johnson
 Snowdon Rain Gauge, by Casella 1927 H. J. Wilkinson

Diameter ...	5								5"		5"
Height	3.10								2'		11' 0'
Altitude ...	138								127'		138'
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	MEANS.
January	2.71	3.02	3.10	1.86	2.48	2.13	1.97	2.74	5.40	1.54	3.90
February	2.99	.26	2.99	4.03	.95	3.75	2.83	1.26	2.63	1.00	.15
March	2.81	1.20	1.75	1.48	.93	.90	1.04	2.80	1.31	.62	2.50
April.....	4.04	1.11	2.08	2.10	1.80	1.30	1.14	2.41	1.06	.76	2.62
May	3.73	.98	.74	3.30	5.32	3.84	3.10	1.08	.85	2.21	1.94
June	2.93	.39	1.18	.63	1.77	.08	1.84	4.96	5.14	1.41	1.11
July	4.58	.70	3.75	2.70	4.44	2.37	3.21	1.87	1.59	2.76	5.76
August	1.22	4.04	3.42	3.14	5.25	2.95	3.52	2.91	2.60	3.17	3.65
September...	2.64	.69	3.05	3.58	3.05	3.54	3.79	3.98	.86	1.98	2.80
October.....	1.14	2.43	.41	3.47	3.74	3.55	2.48	2.02	3.72	4.80	4.12
November...	.44	1.73	1.06	1.78	1.30	1.63	4.26	2.14	4.52	5.80	3.11
December...	1.75	2.59	3.88	3.85	2.69	1.67	.79	1.08	1.83	4.63	2.97
TOTALS...	31.01	19.14	24.41	31.92	33.72	27.71	29.97	29.26	31.51	30.68	34.53
	D	D	D	D	D	D	D	D	D	D	D

1920. Shed 35 ft. high 186 ft. S.W.

1916-50

✓ regular early runs of this air
 at 3° 10' north
 sand. 0.4

N.B. Values rejected from Survey 1928.

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
1920	53° 11' 20"	2° 26' 2"	Middlewich	3/8 mi	N.W.	Middlewich	1/2 mi	N.W.

RAINFALL at Middlewich

County of Cheshire

I.C.I.(Alkali) Ltd.

Observer Messrs. Brunner, Mond & Co.,

River Basin. Mersey-Weaver-2

Type of Gauge. Snowdon.

Annual Average, 23.1 in., based on 23 years obs. un-weighted. Period of average.

Ref.

7/2/28/26

Diameter	5.										
Height	1.0.										
Altitude	138.										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	2.55	2.43	1.33	1.94	1.55	3.41	3.06	3.45	4.08	2.30	2.2
February	2.88	.11	2.68	3.14	2.67	1.84	4.27	.90	2.16	1.90	1
March	.20	1.67	2.16	1.83	.98	1.52	1.39	.67	1.62	2.61	1
April	2.94	8.11	.99	1.36	2.04	1.38	3.05	.00	1.30	2.10	1
May	2.98	5.07	1.26	1.39	1.23	1.05	2.27	2.65	1.28	1.35	2
June	4.77	.37	1.92	1.54	3.56	3.32	.98	1.92	2.02	1.23	2
July	3.10	2.92	1.45	1.45	.89	3.86	2.80	2.85	4.45	4.54	2
August	5.39	1.90	.62	2.06	1.44	1.61	2.20	3.36	2.09	.74	2
September	3.41	2.51	63	1.50	5.37	2.98	1.57	1.03	.74	2.25	2
October	1.06	4.77	3.90	2.98	4.45	2.05	1.85	3.45	2.56	3.77	3
November	4.90	2.48	1.00	2.12	4.50	3.03	1.60	3.25	4.11	6.86	3
December	1.42	.77	.42	4.09	3.31	3.20	3.03	2.69	1.59	2.46	2
TOTALS	35.60	28.11	18.36	22.60	31.99	29.25	28.07	26.22	28.00	32.11	2

96 of 35' high 1863 '800

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			Middlewich	$\frac{3}{8}$ m.	N.W.	Middlewich	$\frac{1}{2}$ m	N.W.

Station No. 2772

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RAINFALL at Middlewich.

County of Cheshire Observer J. C. I. (Falkali) Ltd.

River Basin Mersey 18 miles - 9

Type of Gauge Standard

Annual Average 22.1 in. based on 23 years obs. un-weighted. Period of average.

Ref.

File No. 712129/26

Diameter	5"		555	173								
Height	1' 0"				1							
Altitude	138'				41							
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means	
January	1.48	3.58	4.52	3.77	2.77	2.59	1.68	5.73	1.62	.68		Totals 28.42
February	2.79	1.11	1.40	1.34	2.12	4.25	.99	1.83	1.43	3.85		21.11
March	2.43	1.72	1.15	.49	.88	.66	4.84	.83	1.75	1.45		16.20
April	1.07	1.23	1.22	1.77	1.23	1.02	2.35	1.51	2.69	3.10		17.19
May	2.32	4.21	1.58	2.32	3.40	1.69	1.89	1.12	2.69	1.45		22.67
June	.62	.23	2.65	2.06	2.51	2.74	1.36	3.61	.87	1.49		18.14
July	2.08	3.03	2.32	3.46	.99	4.25	2.07	2.54	1.81	2.98		25.53
August	3.74	2.05	3.47	2.29	2.60	4.14	.35	5.39	1.67	4.64		30.24
September	.70	2.28	3.21	3.65	1.22	3.11	1.52	1.75	.65	4.64		22.73
October	3.49	2.41	2.48	4.89	4.36	.84	.50	1.93	2.89	1.96		25.73
November	2.49	.62	1.84	4.29	.36	4.08	3.37	2.03	4.19	3.78		27.05
December	1.20	3.29	1.55	2.13	2.30	2.97	2.14	2.71	3.29	2.87		24.15
TOTALS	24.39	25.76	27.39	32.46	24.74	32.34	23.06	30.98	25.55	32.39		279.16

1941 Shed 25' high 186' S.W.

406

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			Middlewich	3/8 m.	N.W.	Middlewich	1/2 m.	N.W.

Station No. 2772

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RAINFALL at *Middlewich*County of *Cheshire*Observer *J. H. S. (Alibi) Ltd.*River Basin *Tame, Weaver - 2*Type of Gauge *Standard*

Annual Average *28.1 in.* based on *23 years* obs. un-weighted. Period of average *1881 - 1915* Ref. *1 WS*
28.43 " 35 " 1916-1950 1916-1950 P
 File No. *712129/26*

Diameter ...	5"		5	53.4	173						
Height ...	1' 0"				1						
Altitude ...	138'				51						
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means Total
January	2.18	3.09	.89	1.62	2.14	3.87	1.47	2.46	2.64	4.36	24.72
February	1.73	1.50	1.14	1.90	1.60	1.52	1.77	3.57	1.19	2.47	16.39
March	4.48	1.46	1.18	2.37	2.08	1.25	2.50	1.32	1.23	1.05	18.92
April	2.33	2.83	2.31	.57	1.83	2.20	.57	.76	3.43	1.57	18.40
May	2.46	1.94	1.53	2.04	2.77	.86	1.53	2.19	1.43	1.58	18.33
June	1.34	1.93	1.71	4.12	3.01	2.48	1.42	4.44	2.05	2.80	25.80
July	2.11	2.05	3.9	4.31	.72	4.86	5.76	3.65	2.70	3.43	33.50
August	3.69	1.43	3.06	4.57	.69	8.12	3.82	3.45	.57	4.42	33.82
September	2.29	2.30	2.83	3.19	2.23	2.04	6.20	4.32	.15	3.29	28.84
October	1.07	3.52	2.09	5.06	1.49	2.14	2.65	2.70	2.34	4.43	27.49
November	6.02	1.99	2.28	4.71	1.53	1.42	1.16	1.65	3.37	5.02	29.15
December	3.85	3.08	1.16	3.68	2.51	2.36	2.30	3.05	4.42	1.81	29.22
TOTALS	33.55	27.12	24.09	38.14	22.60	32.12	31.15	33.56	24.52	37.23	304.08
	D	D	D	D	D	D	D	D	D	D	

1951 Shd 95' at 186' A.W.

1952 Jan 4 eek M036

Position of Station on Ordnance One-Inch map : No. of Map National Grid Reference (35) 709657

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Parish Church.	Distance from gauge.
1951			Middlewich	3/8 m. N.W.	Middlewich	1/2 m. N.W.

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
		✓	✓	✓	✓ but d31	✓ but d47