

104

RAINFALL AT Wrexham Ty Mawr Reservoir

Lat. _____

Lon.

County of Denbigh

Rain Gauge, by Observer 7 Store Eng. Co.
See - 1.

RAINFALL at Wrexham Jy. Mawr Reservoir

County of Denbigh

Observer F. Stor Eng cl. E. Denbighshire WM. 60

River Basin Dee 1

Rain Gauge, by

Diameter ...	5											
Height	0.9											
Altitude ...	805											
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919		MEANS. TOTALS.
January ...	2.65	.85	4.49	4.80	1.62	5.07	1.87	2.20	2.77	3.66		10.50
February ...	4.67	2.24	2.09	1.87	3.39	5.34	4.04	1.64	3.16	2.35		11.19
March	1.30	1.71	4.95	4.58	3.88	1.20	3.65	3.18	1.37	5.66		13.86
April	3.18	1.30	.63	5.03	1.38	1.87	2.99	3.00	2.38	3.75		12.12
May	2.98	.99	2.48	3.09	2.51	2.67	3.90	3.93	3.82	1.54		13.19
June	2.72	2.88	4.24	2.13	2.78	.97	2.02	2.04	2.06	2.06		8.18
July	3.92	.95	2.79	1.55	4.76	4.83	1.39	1.41	3.20	2.17		8.17
August.....	4.07	2.60	6.82	1.40	2.06	3.29	1.95	7.38	2.91	4.15		16.19
September ..	.55	4.17	1.71	1.59	2.44	.70	3.65	1.25	7.25	2.63		14.78
October ...	3.93	2.89	3.75	4.50	1.47	2.33	6.98	7.16	2.57	6.03		22.68
November ..	6.86	4.31	3.20	3.48	4.68	4.33	5.01	4.32	3.10	3.92		15.35
December...	6.89	6.75	3.52	3.38	8.65	7.07	2.10	1.66	6.17	7.39		17.32
TOTALS ...	43.72	31.64	40.67	37.40	39.62	39.17	39.35	39.11	40.76	44.31		163.53

X

*

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.

RAINFALL at Wrexham (Mawson Reservoir)

County of DenbighshireObserver R. Scott Esq., C.E.River Basin See - /J. A. Davies, C.E.
Wrexham S.S. Denbigh Water Co.

Rain Gauge, by _____

Diameter ...	5"	5"											
Height	2.9												
Altitude ...	805												
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	MAXIMUM 1930		1920-30 years
January ...	2.99	3.72	3.46	2.93	2.85	2.83	3.61	4.19	5.19	1.65	5.49		39.91
February ...	2.87	1.66	3.21	6.04	1.45	6.04	2.24	2.12	4.13	1.80	1.04		30.60
March	5.26	1.38	2.39	1.71	1.41	1.71	1.07	3.97	2.53	1.08	4.00		26.51
April.....	6.38	1.32	3.29	2.56	2.30	3.57	1.39	3.79	1.85	1.10	3.87		31.42
May	4.70	1.66	.72	5.33	5.35	2.24	3.49	1.61	2.06	1.62	2.33		31.11
June	3.37	1.46	1.00	1.31	1.32	.06	1.94	5.58	4.06	2.35	1.82		23.26
July	6.05	1.15	3.00	2.17	5.63	2.82	3.70	3.20	1.79	2.22	3.65		35.88
August	2.02	3.29	2.27	4.41	4.07	3.89	2.88	6.87	2.84	2.95	4.46		39.95
September...	2.51	.86	3.64	2.62	4.84	5.01	2.67	4.38	2.46	1.91	6.06		36.95
October.....	4.14	3.06	.98	5.56	4.33	4.86	2.66	4.06	5.00	5.29	5.50		45.44
November...	1.61	3.63	2.06	3.45	2.45	4.63	5.61	5.20	6.30	7.00	4.76		46.70
December...	2.93	4.13	5.38	4.29	4.26	4.09	1.29	2.12	2.99	7.85	6.34		46.87
TOTALS.	47.33	27.3	31.40	42.58	39.26	41.24	32.55	47.09	41.20	34.82	49.32		434.00

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

RAINFALL at Wrexham W.W. (Llynnau Reservoir)

County of Denbigh Observer J.A. Davies d-1940

River Basin. 1-Dec. The Secretary - M.

Type of Gauge.....

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

...Ref.

677874/26

Diameter	5	6/16/17									
Height	0.9										
Altitude	805										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means 1931-40
January	3.55	4.06	3.05	3.06	2.60	5.41	4.92	5.44	6.53	2.99	4161
February	4.37	1.10	3.35	2.29	2.47	3.09	7.18	1.42	3.05	3.27	2959
March	1.89	2.49	2.58	3.27	1.12	3.54	2.47	1.6	3.43	2.81	2346
April	4.45	5.53	1.06	3.51	3.81	2.47	4.45	1.40	2.75	4.05	3248
May	4.10	4.01	1.89	2.03	1.77	1.79	2.39	2.95	1.68	2.28	2489
June	4.68	1.18	2.06	1.39	4.08	4.69	1.53	3.42	2.37	1.17	2687
July	2.19	6.64	1.28	1.97	.86	4.48	2.05	3.77	6.80	4.02	3406
August	7.20	2.49	1.13	3.88	1.36	.89	1.79	2.07	1.69	.77	2527
September	5.10	2.01	0.90	1.41	5.68	4.23	1.62	1.27	1.06	2.46	2674
October	1.77	7.30	4.41	3.97	6.63	2.06	3.80	4.73	3.85	4.69	4321
November	7.54	2.78	1.92	1.88	6.63	5.02	2.29	5.19	6.38	7.66	4729
December	1.88	1.66	1.03	6.74	5.11	5.62	3.20	4.75	2.45	2.74	3518
TOTALS	47.72	41.25	24.96	33.40	43.12	43.29	37.69	38.27	42.04	38.91	39065

Position of Station on reduced Ordnance Survey Map, { *No. of Map*..... *Reference No.*.....
1 mile to 1 inch Series

Station No. T.F. 4289

RAINFALL at Wrexham, W.W. (Ty Mawr Reservoir), 41

County of Denbigh

Observer The Secretary and Manager

River Basin 1 - Dee

The Engineer (1944)

Type of Gauge

Annual Average 79.6 in. based on years obs. un-weighted. Period of average Ref.

File No. 677874 26

Diameter	5			546	027						
Height	0.9					1					
Altitude	805					41					
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means Totals
January	5.43	4.48	5.45	3.44	2.88	3.15	2.90	7.81	3.03	1.67	40.29
February	4.67	2.49	2.86	1.59	2.89	5.30	2.38	2.29	1.61	6.27	32.35
March	3.15	2.50	1.61	1.14	0.87	1.25	3.49	1.25	2.54	1.82	24.62
April	1.48	2.36	2.14	1.03	1.86	0.67	3.71	2.08	3.87	5.06	24.46
May	3.71	4.04	4.38	1.96	2.43	2.65	2.98	1.45	2.44	1.62	27.66
June	0.89	0.41	2.92	2.26	2.40	2.22	2.34	4.24	0.68	1.03	19.39
July	2.21	3.29	2.68	1.80	2.39	2.09	4.09	3.01	3.72	2.47	27.75
August	3.83	4.51	2.27	2.08	2.24	4.83	0.52	4.02	2.50	4.56	31.36
September	0.67	2.47	4.21	4.68	2.19	3.51	1.82	1.70	1.10	5.51	27.86
October	3.57	2.22	3.83	5.98	5.52	1.62	0.55	2.10	5.64	3.05	34.08
November	3.65	1.45	4.01	5.90	0.48	4.85	3.76	2.38	5.00	5.00	36.48
December	2.17	5.03	2.13	3.26	3.16	2.97	2.69	4.56	3.26	2.83	32.06
TOTALS	36.43	35.25	38.49	35.37	29.31	35.11	36.23	36.89	35.89	40.89	358.36
	d	d	d	d	d	d	d	d	d	d	10

* Used in General Tables in italics. Origin unknown. About 9 inches too high.

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

Station No. 42289 T.F. 58

RAINFALL at Wrexham W.W. (Ty Thawr Reservoir)

51

County of Denbighshire

Observer Engineer

River Basin 1 - Dee

Type of Gauge MK 1A (in inspection)

Annual Average 39.1 in. based on years obs. un-weighted. Period of average 1916-1950 Ref. P

38.48 " " 1916-1950

File No.

Used in General Table, Ordnance Survey

Diameter ...	5"			546	0.27							
Height ...	5' 9"					1						
Altitude ...	805'					51						
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means	Total
January	2.61	4.96	1.20	3.20	2.40	5.27	1.81	4.08	5.36	7.66	38.55	
February	4.41	1.10	1.88	3.62	2.64	0.63	3.35	6.94	1.00	4.76	30.33	
March	5.63	0.74	1.23	2.76	2.44	1.82	1.49	1.71	2.17	2.18	22.17	
April	2.65	1.84	2.83	0.84	1.26	2.17	0.42	0.95	5.60	1.74	20.30	
May	3.22	2.59	2.96	3.32	4.25	0.63	1.91	2.74	2.35	2.03	26.00	
June	1.47	2.06	2.06	4.11	3.03	1.99	1.28	4.76	2.84	1.52	25.12	
July	2.07	2.14	3.24	3.17	0.36	4.41	4.83	4.71	2.72	2.73	30.38	
August	3.82	3.06	2.65	4.03	1.17	6.85	5.65	3.71	1.06	3.97	35.97	
September	3.18	3.71	4.30	3.72	2.06	3.86	7.80	4.92	0.17	5.07	38.79	
October	1.87	6.85	1.90	5.67	2.84	2.40	3.09	3.40	3.86	2.42	39.00	
November	8.00	3.38	2.95	7.33	2.40	1.73	2.56	1.99	5.13	2.69	43.16	
December	5.17	4.82	1.79	3.31	4.38	3.84	2.06	4.18	2.25	4.01	40.81	
TOTALS ...	43.80	37.25	28.99	45.08	29.23	35.60	36.25	44.09	39.51	50.78	390.58	10
	D	D	D	D	D	D	D	d	d	d	d	

Inspelled 12.10.55 Mr. Deedes. Gauge stem rising. Site on hillock off N.E.S.

Recommended gauge repair, move site NNW 100' to more protected position
1955 Possibly low, but accept.

1957 gauge moved NNW 100' is still recommended on inspection

Position of Station on Ordnance One-Inch map :			No. of Map	104	National Grid Reference S.T. 274 489	
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
		1920-26 1927-28 D 1929 d	1931-36 d 1937-38 D	1941-46 d 1943-49 d	1944-46 d 1943-49 d	1950 d