

RAINFALL AT

Lat. _____

Lon.

County of _____

RAINFALL AT Wicham Ty Mawr Reservoir

County of Denbigh

Rain Gauge, by

Observer I. Stone Eng. Ch.

See - 1.

[illegible]

Rain Gauge, by _____

Diameter ...	5"	5"											
Height	0.9												
Altitude ...	805												
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 1930	1930-31 Form 13	
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	4.45	6.04	2.24	2.12	4.13	.80	1.04	30.60	
March	5.26	2.38	2.39	1.71	1.41	1.71	1.07	3.97	2.53	.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	.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	35.38	
August	2.52	3.29	2.27	4.41	4.07	3.29	2.88	6.87	2.84	2.95	4.46	39.94	
September...	2.51	.85	3.64	2.62	4.24	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	27.31	31.40	42.58	29.26	41.24	32.55	47.09	41.20	34.82	49.32	484.10	

Reference No. _____

[illegible]

RAINFALL at Wrexham W.W. (Ly Mawr Reservoir)County of DenbighObserver J.A. Davies d. 1940River Basin 1-DecThe Secretary - Manager

Type of Gauge

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

677874/26

Diameter	5											
Height	0.9											
Altitude	805											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Mean- 1874-40	
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	.10	3.35	2.9	3.47	3.09	7.13	1.42	3.05	3.27	2959	
March89	2.49	2.58	3.27	1.12	3.54	2.47	.86	3.43	2.81	2346	
April	4.45	5.53	1.06	3.51	3.81	2.47	4.45	.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	4.07	1.69	.77	2527	
September	5.10	3.01	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,
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

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

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 Express (1944)

Type of Gauge

Annual Average 39.4 in. based on years obs. un-weighted. Period of average Ref.

File No. 677874 26

Diameter	6				546	027						
Height	0 9											
Altitude	805					41						
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means	1941-50 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	8.49	1.25	2.54	1.82	24.62	
April	1.48	2.36	2.14	1.23	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	4.07	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	35.43	35.25	38.49	35.37	29.31	35.11	36.23	36.89	38.89	40.89	358.36	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	Direction from gauge

BRITISH RAINFALL ORGANIZATION

Station No. 4289 T.F.58

RAINFALL at Wrexham W.W. (Ty. Lawr. Reservoir) 51

County of Derbyshire Observer Engineer

River Basin 1 - Dee

Type of Gauge Mk 19 (on inspection)

Annual Average 39.1 in. based on 35 years obs. un-weighted. Period of average 1916-1950 Ref. P

Used in General Tables Original unknown File No. 1916-1950

Diameter ...	5"				546	027						
Height ...	0'9"					1						
Altitude ...	805'					51						
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means Totals	
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 ...	1.57	6.85	1.90	5.67	2.84	2.40	3.09	3.40	3.86	7.42	39.00	
November ...	8.00	3.38	2.95	7.33	2.40	1.73	2.56	1.99	5.13	7.69	43.16	
December ...	5.17	4.82	1.79	3.31	4.38	3.84	2.06	4.18	7.25	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		

Inspected 12.10.55 Mr. Deeks. Gauge stem missing. Site on hillside of N.E.S.
 Recommended gauge repair, move site N.W. 100' to more protected position
 1955 possibly low, & accurate.
 1957 gauge moved N.W. 100' to site recommended on inspection

Position of Station on Ordnance One-Inch map : No. of Map 10.Y. National Grid Reference ST 274 450

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 1939-40 d	1941 d 1942, d 1943-49 d 1950 d	
		1930 D			