

RAINFALL at Newtown (Mochdre Reservoir)

County of Montgomeryshire Observer The Surveyor

River Basin L. Severn Right Bank

Type of Gauge Standard

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

Diameter										5	
Height										9	
Altitude										650	
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January									7.22	2.59	
February									3.75	2.88	
March									2.50	2.97	
April									2.95	2.47	
May78	2.67	
June									1.90	1.05	
July									7.23	4.53	
August									2.26	.59	
September59	1.87	
October									2.34	4.75	
November									8.35	10.76	
December									2.78	2.72	
TOTALS									42.65	39.85	
									D	6	

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 from gauge	Parish Church.	Distance from gauge.	Direction from gauge.
			Newtown	4 1/2 m.	N.	Mochdre	1 m.	N.

Station No. 4247/2

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RAINFALL at Newtown (Macholme Reservoir)

County of Montgomeryshire

Observer

River Basin 4 - Severn - Right Bank

Type of Gauge Simplex M.O.

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

File No. A200384/40

Diameter	5			422	325						
Height	9				1						
Altitude	650				41		651'				
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	2.54	3.82	6.35	4.23	3.04	4.66	2.77	9.09	2.16	1.06	
February	2.93	0.53	2.96	1.93	3.85	5.42	1.67	2.24	1.71	8.01	
March	2.73	2.63	0.95	0.42	1.22	1.39	7.49	2.18	1.38	1.77	
April	2.40	2.17	1.16	1.29	1.82	1.56	3.52	2.19	3.50	3.61	
May	2.08	5.34	3.70	1.67	3.61	1.81	3.36	3.39	4.16	1.29	
June	1.05	0.71	3.19	1.82	4.24	3.47	2.23	2.87	0.99	1.38	
July	4.53	2.92	1.56	1.48	1.86	3.08	2.19	1.22	1.91	3.19	
August	0.59	2.51	4.08	2.58	3.88	6.37	3.4	3.56	1.60	6.47	
September	1.87	2.31	5.18	3.65	1.74	5.99	1.93	3.27	1.70	5.84	
October	3.68	2.85	4.63	5.81	4.35	2.70	0.49	2.55	5.91	2.68	
November	11.83	0.71	3.06	5.53	0.62	7.54	4.09	2.07	5.48	4.92	
December	2.72	5.89	2.36	4.16	4.82	5.19	(5.79)	6.66	5.62	2.71	
TOTALS	39.85	32.39	39.18	34.57	35.05	49.18	35.87	42.29	36.02	42.88	
	D	D	D	D	D	D	D	D	D	D	

1941. No objects within 100 yds.

1947 Dec. part wind

00014

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.
1941 1944			Newtown newtown	5 m. 5 m	E	Mocholme Macholme	1 m 1 m	May

Air Ministry, Meteorological Office

Station No. 4297/2

RAINFALL at Newtown (Machdre Res.)

County of Montgomery

Observer The Surveyor

River Basin 4-Severn Right Bank

Type of Gauge H.O.

Annual Average 38.63 in. based on 17 years obs. un-weighted. Period of average 1916-55

Ref. 5

File No. A 200389/90

Diameter ...	5"				422	325						
Height ...	9"					1						
Altitude ...	650'					51						
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means	
January ...	4.11	5.11	1.24	2.52	3.28	5.65	2.59	4.47	5.48	6.07		
February ...	5.74	1.29	1.53	4.10	2.39	1.06	4.21	5.53	0.37	4.08		
March ...	5.20	1.89	3.69	2.66	3.92	2.03	2.94	1.32	2.83	1.91		
April ...	3.35	3.17	3.32	1.13	1.32	2.63	0.15	0.83	4.93	2.55		
May ...	3.37	1.80	1.74	1.92	5.07	0.68	2.03	2.88	3.55	1.37		
June ...	0.64	2.26	1.20	4.57	3.85	2.10	2.32	3.64	3.45	2.18		
July ...	2.00	1.44	3.38	2.57	0.86	3.42	4.08	5.42	2.64	2.80		
August ...	3.44	4.37	3.01	4.93	1.23	4.74	7.02	2.31	0.65	4.31		
September ...	1.27	3.66	4.27	3.61	1.64	4.31	5.99	7.51	0.10	4.01		
October ...	1.72	5.20	2.15	4.71	2.71	2.47	3.10	3.37	4.38	6.34		
November ...	9.05	3.50	2.85	9.73	2.98	2.06	3.99	1.88	5.16	7.31		
December ...	5.04	4.53	1.40	4.80	3.75	3.55	3.21	3.60	6.65	6.46		
TOTALS ...	44.93	38.22	29.68	46.75	33.00	34.80	41.63	42.76	40.19	43.49		
	d	d	d	d	d	d	d	d	d	d		

1951 May, June & Sept appeared low & ∴ corrected

1955 Com in proof of BR 1955

1956 1.25 in cut for 25-30 gun

1969 Small leak in side of funnel - to be soldered.

Position of Station on Ordnance One-Inch map:

No. of Map

National Grid Reference 50(32)979871

Date	Lat. N.	Long.	Railway Station	Distance Direction from gauge		Parish Church	Distance Direction from gauge	
1951			Newtown	5m	E	Machdre	1m	N.W

Summary of Earlier Records from 10-year Sheets:

	1910-19	1920-30	1931-40	1941-50	1951-60
Record D, or d			1939-40 only both D.	✓ ✓	