

4247/2

## RAINFALL at Newtown (Mochdrone Reservoir)

County of Montgomeryshire Observer The Surveyor.

River Basin - Severn - Right Bank.

Type of Gauge..... Standard

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

Ref.

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

1 mile to 1 inch Series								
Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge.	
			Newtown	42 m.	N.	Mochdre	1 m.	N.

Station No. 42472

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RAINFALL at Newtown (Macholme Reservoir)County of Montgomeryshire Observer The SurveyorRiver Basin R. Severn - Right BankType of Gauge Symp. M.O.

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

File No. A120384/10

Diameter	5		422	325							
Height	9				1						
Altitude	650				41						
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	10.6	
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	3.87	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	3.34	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	29.18	34.57	35.05	49.18	35.87	42.29	36.02	42.88	

1941. No objects within 100 yds.  
1946-7 Dec. paper entitled

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. 5m.	E	Mocholme Mocholme	1 m. 1m.	May

# Air Ministry, Meteorological Office

Station No. 9247/2

RAINFALL at Newtown (Machdre Res.)

County of Montgomery

Observer The Surveyor

River Basin 7- Severn Right Bank

Type of Gauge H.O.

Annual Average in. based on years obs. un-weighted. Period of average Ref.  
 " 38.63 " 17 " " 1939-55 " 1916-50 S  
 File No. A 200384/40

Diameter	5"			422	305						
Height	3"					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	3.59	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	2.28	
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	4.43	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	6.20	2.15	4.71	2.71	2.47	3.10	3.37	4.38	6.34	
November	9.05	3.50	2.85	9.13	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	49.49	
	4	3	2	4	d	d	d	d	D.	D.	

1951 May, June & Sept appeared low & !. corrected

1955 Torn in proof of BR 1955

1956 1.25in cut for 25-30 Jan

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

Position of Station on Ordnance One-Inch map: No. of Map: National Grid Reference: S 0 (32) 079871

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

Summary of Earlier Records from 10-year Sheets:

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