

RAINFALL at

Llyn Cyffwynny

County of Denbigh

Observer Brynbo Water Co.*

River Basin 1 - Dee

Type of Gauge

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

Diameter	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
Height											
Altitude											1216
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	
January								(4.17)	(7.06)	(2.95)	
February								1.15	(3.24)	(3.35)	
March								1.01	(2.89)	3.20	
April								0.30	2.57	2.98	
May								3.52	2.07	(2.14)	
June								3.50	2.01	1.25	
July								3.23	6.69	3.66	
August								4.24	(2.56)	.89	
September								1.19	0.80	2.79	
October								4.11	4.54	5.07	
November								4.59	5.87	7.40	
December								(4.83)	2.37	(2.14)	
TOTALS								35.84	(42.67)	(37.82)	

* Record of monthly totals, 1938 - Feb 1953, received from S.E. Ashmore (268, F 1632/63). Feb/54, with footnote:- Gauge installed 8/35, but values too fragmentary to be of use. Ht. of gauge Aug/35 - Dee 46 1216ft. New gauge installed 9/1/49 same site; moved July/50 346 yds. S.E. owing to interference. (Bracketed values indicate uncertainty - snow estimations etc.). Gauge not read Sundays.

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.

Station No. 4295/7

RAINFALL at

Llyn Cyfydwy

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County of Denbigh

Observer Raymond Water C.

River Basin 1 - Dee

Type of Gauge

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

Ref.

File No. A21614/25

Diameter				547	515			Height gauge		547 515
Height						1				W.R.F.
Altitude	1216					41				JULY 1950
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950 Means
January	(633)	(438)	5.42	4.33	(3.27)	4.36			(2.78)	1.59
February	(398)	(2.00)	(3.66)	(1.66)	3.69	5.47			1.65	5.58
March	(320)	(2.28)	1.39	1.20	1.06	1.81			2.86	1.70
April	2.23	2.07	1.72	2.26	2.01	0.93			3.46	4.20
May	3.19	4.00	4.12	2.54	3.20	3.56			3.33	3.44
June	0.85	0.42	2.63	2.43	3.01	3.93			0.78	1.54
July	2.57	2.41	2.58	1.83	(2.25)	2.41			3.99	2.54
August	3.96	3.43	2.71	2.11	2.76	(6.54)			2.08	(4.62)
September	0.55	2.41	5.70	5.01	1.84	(6.44)			(1.41)	(5.94)
October	3.63	2.30	3.88	5.20	5.58	2.02			(4.79)	(3.30)
November	3.80	1.43	3.74	6.82	0.62	(6.10)			5.48	4.80
December	2.12	5.15	1.77	2.61	4.48	4.87			3.55	3.14
TOTALS	(36.41)	(32.28)	38.72	38.00	33.77	(48.44)			(36.16)	(40.39)

Back record, monthly totals, per S.E. Ashmore c. 1938. (see earlier 10yr sheet).

(Bracketed values indicate uncertainty - snow estimations, etc.)

9.1.49. newgauge on same site. No record 1947-8.

July 1950 gauge moved 54 yards S.E. because of interference

7000 4 7000 4 2000 4 2000 4 40424 00324

40144 00294

Before 40218548
After 40218548

Position of Station on reduced Ordnance Survey Map, 1 mile to 1 inch Series No. of Map Reference No. 5 223545

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge

Wrexham W.W.

Station No. 4295/1

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RAINFALL at (LLYNCYFYNWY)

County of DENBIGHSHIRE

Observer FRYNNEBO WATER CO.

River Basin 1 - DEE

(Wrexham W.W.) Engineer

Type of Gauge M.O.

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

" " 41.89 " " 6 " " within 1951-57. " " 1916-50

File No. 421614/35 677874/26

Diameter ...		5"		547	516						
Height ...	←	0' 6"				1					
Altitude ...		1136'				51					
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January	2.42 (3.98)	1.86	3.19	3.10	5.25	2.60	3.78	4.66	7.07		
February	4.91 0.92	2.74	3.31	2.70	3.18	3.37	0.82	3.26	5.68	1.24	
March	(6.39) 0.91	1.45	2.69	1.43	2.24	3.19	2.48	1.94	1.84	1.92	
April	2.24 1.90	2.57	1.77	2.53	1.84	1.58	2.48	0.56	1.17	5.32	
May	3.88 (3.30)	3.07	3.87	3.46	4.55	0.97	1.89	3.16	2.33	2.04	
June	1.68 1.52	2.78	4.09	2.79	4.18	2.30	1.57	5.23	2.46	1.58	
July	1.83 1.97	3.74	3.68	0.41	4.98	5.93	4.23	2.84	2.91		
August	4.72 2.86	2.61	5.68	5.75	1.22	8.95	7.12	2.89	1.18	5.94	
September	3.03 4.20	3.82	3.40	3.84	3.07	2.41	3.55	9.18	4.42	6.18	
October	(1.42) 6.98	1.29	6.47	1.59	6.77	2.79	2.24	3.37	2.82	4.67	
November	9.49 3.35	2.76	8.49	2.76	2.94	1.71	3.39	1.84	5.10	7.37	
December	5.32 (4.25)	1.67	3.83	3.76	4.30	4.34	2.77	3.51	7.84	3.83	
TOTALS ...	47.33 (36.16)	30.60	50.42	n.p.	34.04	40.07	43.58	40.57	39.78	56.21	
		30.89	47.89	D	D	D	D	D	D	d	

1953 Open moorland, no objects. Back record, monthly totals 1938- Feb. 1953, per S.E. Ashmore (260, FE16320/53)

Inspected 12.10.55-Mrs. Dukes. Gauge sound. Site possibly off SE on hillside but well placed.

10044 42014

1953-1954 Revised - ref X9A, 616320/32

Position of Station on Ordnance One-Inch map : No. of Map 109 National Grid Reference ST 223565

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Parish Church.	Distance from gauge
1953			Ffrith	39 mds. 068°	Llandegla	1.9 mds. 318°

Summary of Earlier Records from 10-year Sheets :

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60