

RAINFALL AT Llanefydd Plas Uchaf Reservoir

Lat. _____ Lon. _____ County of Denbigh

Rain Gauge, by Casella Observer Leonard Hall Esq. Ch.
Clwyd - 2.

Diameter					5						
Height					10						
Altitude					485						
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January					3.75	1.75	.83	1.26	1.11	3.75	
February					3.14	.29	.63	1.65	2.42	2.03	
March					2.24	2.75	4.17	2.40	.62	1.72	
April					1.99	2.23	.74	2.49	1.64	2.40	
May					2.56	.75	.24	.53	3.83	2.29	
June				#	1.33	.29	2.19	2.01	2.09	1.87	
July					2.74	3.15	3.09	.10	.47	2.80	
August					3.07	2.39	2.02	2.85	3.63	.55	
September....					.86	.45	4.33	3.24	1.95	3.60	
October					3.35	5.26	4.37	1.43	3.95	2.94	
November					2.65	3.70	1.18	3.07	1.38	3.13	
December					2.55	1.75	2.72	4.46	2.89	2.35	
TOTALS					30.23	24.81	26.51	25.49	25.98	29.43	

RAINFALL AT

129

Llanfynydd Plas Uchaf Reservoir

Lat.

Lon.

County of

Denbigh

Rain Gauge, by

Observer

L. G. Hall Esq. C.E.

Clwydd - 2 -

Diameter ..	5										
Height	10										
Altitude ..	485										
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	2.70	1.84	1.52	2.45	3.62	1.26	6.43	1.18	1.66	2.15	2.481
February ..	3.52	.80	1.04	2.17	4.12	1.63	2.58	1.47	2.43	1.30	2.106
March ....	.96	4.50	1.32	5.46	1.93	4.43	3.17	1.77	3.32	1.88	2.874
April .....	.68	1.58	1.94	1.70	1.69	2.31	.73	1.23	1.75	3.13	1.684
May	1.08	.72	3.54	2.46	2.31	.29	2.73	2.12	1.74	.56	1.755
June	1.30	1.93	2.08	2.43	1.37	2.21	1.30	3.58	2.37	2.78	2.145
July	1.08	2.59	.99	3.56	1.75	1.93	.61	1.95	2.48	3.24	2.018
August	6.70	3.51	3.23	3.73	4.57	6.29	2.61	2.58	2.37	3.62	3.921
September ..	.71	.69	1.18	5.04	1.25	1.72	.92	.40	3.37	3.03	1.831
October	4.33	1.62	2.18	7.36	1.42	3.45	5.45	4.81	.65	3.56	3.483
November ..	3.44	4.12	1.11	3.61	2.25	3.94	2.12	1.61	2.66	1.67	2.653
December ..	2.72	5.17	2.43	2.57	3.85	.44	3.01	1.93	1.66	5.37	2.915
TOTALS ..	29.22	29.07	22.56	42.54	30.13	30.00	31.66	24.73	26.46	32.29	22.866

1909 St Asaph Station 7 miles

129

RAINFALL at Llanefydd Plas Uchaf, DenbighCounty of DenbighObserver I. S. Halliday, cl.River Basin Clwyd + C 2

Rain Gauge, by _____

Diameter ...	5										
Height	1, 0										
Altitude ...	485										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	2.43	.85	1.44	1.81	1.64	3.12	1.32	1.12	1.58	2.66	
February ...	3.06	1.94	1.17	1.04	2.18	3.42	3.50	1.32	3.30	1.51	
March .....	.94	1.45	2.74	3.79	2.48	.91	2.38	2.41	.93	4.81	
April	3.38	.81	.35	2.94	.68	1.96	2.43	2.59	1.50	2.18	
May	2.10	1.35	1.27	1.81	1.72	2.19	3.49	2.05	3.92	1.50	
June	2.46	3.70	3.45	1.88	2.68	1.14	1.51	1.71	1.93	2.02	
July	2.83	1.03	4.15	1.60	3.77	2.79	1.14	.71	2.46	2.08	
August	2.91	1.92	6.01	2.16	.52	3.79	2.66	5.17	1.69	3.44	
September ..	.58	3.77	.88	2.47	3.10	1.37	4.59	1.16	5.98	2.95	
October ...	3.83	2.13	2.36	2.47	1.92	1.22	3.85	6.15	1.98	4.07	
November ..	5.38	3.28	2.62	1.98	3.02	3.20	2.42	3.13	1.46	2.46	
December ...	3.54	3.66	2.55	2.67	5.92	3.49	1.28	1.27	4.98	5.51	
TOTALS ...	33.44	25.89	28.99	26.62	29.63	28.60	30.57	28.79	31.71	35.19	29.943
	2	2	2	2	2	2	2	2	2	2	

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

RAINFALL at Llanfyllid (Plas Uchaf Res.)County of DinbyghObserver L. G. Hall, Esq. C.E.River Basin Clwyd - 2O. S. Bronshaw, Esq.Rain Gauge, by Rough

Diameter ...	5										
Height	1.0										
Altitude ...	485									484	
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	Mean 1930
January ...	2.15	4.27	2.92	2.38	1.94	2.84	2.35	2.95	4.65	1.21	6.06
February ...	2.03	.67	3.95	3.53	.83	5.27	1.22	1.29	2.61	.64	.48
March	4.68	1.67	2.22	1.24	.62	1.20	.78	4.43	1.30	.09	2.94
April	3.93	1.27	2.80	1.44	1.82	1.50	.92	1.49	.65	.93	2.99
May	2.59	1.28	.70	4.14	4.47	3.23	2.64	1.40	2.02	1.77	1.86
June	2.63	.57	2.08	.62	1.87	.09	1.37	4.43	4.01	1.85	1.26
July	6.60	1.14	3.18	2.04	3.37	2.69	6.42	2.44	.85	2.44	3.63
August	3.14	3.45	2.66	2.14	4.56	2.61	3.07	6.50	1.93	2.64	3.40
September...	2.92	.91	2.08	3.03	3.76	4.40	4.12	5.95	2.15	1.76	3.05
October	1.20	2.34	.50	5.29	3.39	3.30	2.52	2.90	4.62	5.46	5.83
November...	1.32	2.00	1.85	4.31	1.28	3.41	3.56	3.32	5.67	6.47	5.79
December...	1.92	3.96	4.67	4.06	4.01	3.23	1.34	.67	2.57	6.98	5.52
TOTALS...	27.11	23.53	29.61	34.22	31.82	34.27	30.21	37.77	33.03	32.24	42.81
	2	D	D	D	D	D	D	D	T	D	D

Inspected 6.12.28 See green file

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	Direction from gauge
1920								

RAINFALL at Llanfyllid (Pias uchaf Baevoir)County of DenbighObserver G.P. BronshawRiver Basin Llanfyllid & C.

Type of Gauge.....

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

Ref.....
670642/26

Diameter	5.											
Height	1.0											
Altitude	485.											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	
January	3.03	4.77	3.62	3.04	2.14	4.48	2.76	4.72	5.42	1.95	3.593	
February	4.17	.18	2.60	.27	3.68	3.08	4.97	1.05	2.09	2.54	2.463	
March .....	.66	2.39	2.04	2.31	.79	2.91	2.34	1.48	3.00	2.13	2.005	
April	3.68	4.20	0.91	1.86	2.95	1.62	3.97	.27	2.18	2.15	2.379	
May	3.21	3.36	1.48	2.76	1.64	2.88	1.99	2.20	1.75	2.23	2.350	
June	3.28	.79	2.04	1.38	3.97	4.79	1.82	3.98	3.08	1.03	2.616	
July	2.07	8.48	1.38	1.11	1.32	3.75	1.36	3.53	6.14	2.61	2.875	
August	4.97	1.83	2.04	3.73	1.41	1.21	.59	4.26	1.66	.84	2.254	
September	4.85	4.21	1.51	1.90	5.74	4.02	1.91	1.52	0.73	3.39	2.978	
October	1.61	6.87	4.66	3.75	6.73	2.38	3.64	4.81	2.18	4.84	4.047	
November	5.12	2.69	1.78	1.69	5.09	3.74	1.35	4.54	4.71	6.49	3.720	
December	1.83	2.40	1.07	5.04	2.95	4.71	2.87	3.96	2.46	1.91	2.920	
TOTALS	38.48	38.17	25.13	28.84	38.41	39.57	29.57	36.32	35.40	32.11	34.200	K7.

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

Station No. T.F. 4316

RAINFALL at Manafydd (Pias Uchaf Reservoir)

41

County of Denbigh

Observer O.P. Gonslow Esq.

River Basin 2 - Chwyd + c.

1950.

Type of Gauge

J. Rann, Fy. A.M.C.E.

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

File No. 678.6.4.276

Diameter	5				540	469					
Height	10					1					
Altitude	485					41					
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	2.54	4.27	4.04	4.52	2.09	3.55	3.18	7.21	3.01	1.20	
February	3.10	1.38	2.33	1.41	2.35	4.43	1.46	2.52	1.73	4.28	
March	3.44	2.26	0.71	1.12	0.64	1.11	4.92	1.53	1.96	1.02	
April	1.87	1.37	0.91	0.90	1.51	0.84	3.68	1.60	3.52	3.11	
May	2.44	2.36	2.49	1.07	3.06	2.65	3.20	0.94	2.39	0.90	
June	0.68	0.61	2.01	1.60	2.09	2.79	2.72	4.21	0.78	1.42	
July	1.33	3.21	1.67	1.86	2.06	1.88	2.69	2.26	1.54	1.97	
August	3.51	2.60	2.97	1.35	0.78	3.32	0.40	2.86	1.98	3.12	
September	0.67	2.06	4.44	4.19	1.37	3.40	2.45	2.44	0.80	4.48	
October	3.85	2.71	3.85	3.70	4.18	0.89	0.65	2.55	4.87	2.46	
November	2.01	0.83	2.85	6.30	0.40	3.65	4.23	1.57	3.62	3.57	
December	1.88	3.52	1.49	2.13	2.82	4.10	2.68	5.00	4.81	2.93	
TOTALS	27.32	27.18	29.76	30.21	23.35	32.61	32.26	34.69	30.51	30.46	
	D	D	D	D	D	D	D	D	D	D	

1947. No suitable site. To be discontinued. 1946. n.p. low.

1948. Gauge moved back to original position on reservoir bank. (not considered ideal)

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

RAINFALL at Glantafydd (Plas Uchaf Reservoir)Station No. 4316

51

County of Denbighshire Observer J. Round, Esq., A.M.C.E.River Basin 2. ChudwalType of Gauge M0 5"Annual Average 32.62 in. based on 35 years obs. un-weighted. Period of average 1916-50 Ref. 3File No. 670642/26

Diameter ...	5"				540	469			5"		
Height ...	1'0"					1			1'0"		
Altitude ...	485'					51			485'		
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	2.37	3.49	0.84	2.46	1.94	3.16	2.67	3.34	4.93	6.92	
February ...	3.22	1.08	1.70	2.38	2.02	0.48	3.12	6.08	0.20	3.69	
March ...	5.66	0.60	1.33	1.97	1.69	1.18	1.74	1.27	0.91	1.64	
April ...	2.30	1.44	2.55	0.94	1.00	1.38	0.46	0.68	4.03	1.73	
May ...	2.79	2.18	1.60	3.40	3.23	0.78	1.83	3.13	1.67	1.89	
June ...	1.26	1.58	1.69	2.88	2.66	1.61	1.24	3.13	2.61	1.25	
July ...	1.00	0.88	1.57	4.03	0.63	4.27	6.03	3.77	1.76	2.06	
August ...	2.29	1.41	3.13	3.51	1.72	8.43	5.56	4.40	.93	3.83	
September ...	2.07	3.73	3.72	2.52	1.71	2.31	7.59	5.33	.40	4.59	
October ...	0.91	4.03	1.49	5.20	2.30	2.17	2.15	3.26	3.59	3.49	
November ...	5.57	2.20	2.69	7.53	1.46	1.39	3.10	1.69	4.57	7.25	
December ...	4.56	4.47	1.23	2.99	3.90	2.74	2.28	2.52	6.02	3.60	
TOTALS ...	33.72	27.09	23.54	39.81	24.32	29.90	37.77	38.60	31.56	41.94	
		n.p.	n.p.	D	D	D	D	D	D	D	

1952. n.p. low.

1953 n.p. low.

1954. Print

Inspected 7-12-59 by Mr. J.H. Butler. On bank on edge of reservoir, 1/2 NW → NE → SE. Acc. new rule in field (100 yds NW).

SH

Position of Station on Ordnance One-Inch map :

No. of Map.....

National Grid Reference (231968712)

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

Summary of Earlier Records from 10-year Sheets :

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
		1920-30 D	1931-40 D	1941-50 1941-45 D 1946-50 NP 1947-50 D	