

RAINFALL AT *Llangadwaladr, Perygwy Res.*

Lat. _____

Lon. _____

County of *Denbigh*

Rain Gauge, by _____

Observer *R.O. Wynne Roberts Esq.**Swan, L. bank - 4.**J.W. Leary Esq.*

Diameter							5				
Height							1 - 6		1 0		
Altitude							1094				
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January								2.03	1.99	6.40	
February								3.41	2.54	3.03	
March								4.12	1.38	1.23	
April								3.28	2.10	3.83	
May . . . . .								.78	5.12	2.96	
June								4.28	2.16	3.22	
July . . . . .								.79	1.15	2.57	
August								4.55	4.75	1.18	
September								3.40	1.36	3.78	
October							⁴ 4.91	1.51	7.42	4.65	
November							4.18	2.98	2.77	2.95	
December							7.03	5.39	4.93	2.24	
TOTALS								36.72	37.67	38.04	

RAINFALL AT *Llangadwaladr, Porygwy Reservoir*Lat. Lon. County of *Denbigh*Rain Gauge, by Observer *G. W. Lacey Esq. Cl.**Severn, L. bank - 4*

Diameter ..	5										
Height	1 0										
Altitude ..	1094										
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	4.80	3.47	2.78	5.63	4.94	1.24	5.70	2.00	1.82	1.90	3.428
February ..	4.69	1.26	1.71	3.82	4.22	1.59	3.25	2.11	1.95	1.01	2.561
March ....	.98	4.32	1.99	8.03	2.11	5.32	1.96	1.68	3.67	3.31	3.337
April	1.79	3.04	2.45	1.37	1.93	2.45	.87	2.80	4.02	3.52	2.424
May	2.27	1.47	3.90	5.44	2.73	2.57	3.29	2.88	3.64	1.70	2.789
June	3.07	2.30	3.18	1.40	2.73	4.04	1.62	5.68	3.35	3.35	3.072
July	1.66	3.67	1.43	3.38	2.97	2.15	.91	3.04	4.07	2.52	2.580
August	7.40	1.91	3.46	6.54	5.72	6.07	4.03	2.58	4.87	2.20	4.478
September ..	.96	1.73	1.94	6.89	2.21	2.27	.91	.87	4.38	3.40	2.556
October	5.13	3.61	4.33	11.09	1.52	2.32	6.95	6.95	3.73	6.37	5.200
November ..	5.34	4.41	3.73	2.69	1.65	5.12	2.45	4.86	2.91	1.20	3.436
December ..	5.15	4.03	4.47	3.85	3.00	1.49	2.73	4.46	4.01	5.26	3.845
TOTALS ..	43.24	35.22	35.37	60.13	35.78	36.63	34.67	39.91	42.42	35.74	39.906

1903 Rhyd. y croean Church 1 1/2 mile SE
 Oswestry Station 5 1/2 " ESE

RAINFALL at Llangadwalader Penrynwy Du

County of Denbigh Observer J.W. Lacey Esq. C.E.
 River Basin Severn - Lefbank Tributaries 4
 Rain Gauge, by _____

Diameter ...	5											
Height	10											
Altitude ...	1094									1095		
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	1910-1919 MEANS Totals	
January ...	2.74	1.30	5.32	4.97	2.39	3.44	2.26	1.50	3.04	4.01	10.81	
February ...	4.43	2.79	3.46	2.82	4.76	6.07	3.54	1.32	3.13	3.10	11.09	
March	1.46	2.12	5.36	6.16	4.16	1.02	2.99	2.84	1.21	4.14	11.88	
April	3.49	1.58	.21	6.01	1.62	1.40	1.36	1.52	1.78	1.99	6.65	
May	2.24	1.27	2.18	4.03	2.21	4.02	3.56	3.47	2.48	1.93	11.44	
June	3.54	2.87	4.19	2.60	2.58	.83	2.12	3.75	.94	1.00	7.21	
July	3.46	.89	3.90	1.19	5.00	4.51	1.73	1.47	3.89	1.41	8.50	
August	5.57	3.61	6.98	1.76	3.09	4.44	1.84	7.45	1.67	2.59	13.35	
September ..	.33	4.10	1.07	2.09	1.44	.86	2.56	.88	6.32	1.68	11.44	
October ...	4.13	4.40	4.19	6.26	2.14	3.21	7.57	4.54	1.94	5.71	16.76	
November ...	6.13	5.45	3.13	5.11	5.32	3.11	4.47	2.53	2.03	5.00	11.03	
December ...	7.94	6.85	4.38	1.85	8.92	6.92	2.19	1.08	4.95	4.51	12.73	
TOTALS ...	45.46	37.23	44.37	44.85	43.63	39.83	36.19	32.35	33.38	31.57	133.49	
	D	D	D	D	D	D	D	D	D	D		

Date.	Lat. N.	Long. W.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1911	52.52.18 50	3.8.56	Oswestry	5 1/2 mi	ESE.	Rhydyroesau	1 1/2 mi	SE

RAINFALL at Glanciein (Pnyggwey Reservoir)County of DenbighObserver G.W. Lacey, G.E.River Basin H-Sectra - Left BankJ.E. Tanglew, Em., G.E. (1938)Type of Gauge Standard

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

Ref.....

661498/26

Diameter	5.										
Height	1.0.										
Altitude	1095.										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	2.10	4.40	2.82	3.36	1.03	4.78	3.72	4.65	7.31	2.68	3688
February	2.88	.10	3.34	.23	3.78	2.25	5.56	1.05	2.82	3.10	2511
March .....	.68	2.38	2.03	2.74	1.01	2.74	2.73	.48	3.15	3.06	2100
April	3.92	4.80	1.55	3.53	3.18	2.27	2.93	.15	2.33	2.85	2751
May	6.10	4.10	1.43	1.64	1.50	1.28	1.95	3.36	1.56	2.88	2590
June	4.92	1.34	1.41	1.58	3.70	4.06	1.52	2.94	2.43	1.83	2573
July	2.97	6.33	2.53	.44	.88	4.65	2.14	3.50	8.56	3.68	3568
August	6.39	1.46	0.95	2.46	.87	1.38	1.32	2.95	2.01	.28	2007
September	4.44	3.15	0.99	2.86	5.60	3.35	1.40	1.67	1.26	1.99	2671
October .....	.78	5.93	3.55	2.88	5.69	1.56	3.81	5.26	3.97	5.97	3940
November	7.86	2.66	1.18	2.24	5.49	3.23	1.94	5.29	6.65	9.88	4642
December	2.04	2.56	0.82	7.25	2.87	4.38	3.03	3.98	2.56	2.20	3169
TOTALS	45.08	39.21	23.60	31.21	35.60	36.03	32.05	35.28	44.61	40.40	36207

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
1931.			Causeway	5 1/4 m.	E.S.E.	Rhydyrosan	1 1/2 m.	E.S.

Station No. T.F. 4323

RAINFALL at Wanslin (Penygwally Reservoir) 41County of Denbigh Observer J. E. Taylor, Esq. C.E.River Basin 4- Severn left BankType of Gauge Standard

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

File No. 6549826

Diameter	5				4.57	4.47					
Height	10					1					
Altitude	1095					41					
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means 1941-50
January	5.48	4.48	5.57	4.12	2.62	4.99	3.56	10.00	2.12	1.45	4.439
February	4.46	1.30	1.38	1.44	3.50	3.32	3.32	2.94	2.38	7.64	3.168
March	2.76	2.89	0.62	0.59	1.31	1.53	8.43	2.00	1.61	2.12	23.86
April	1.59	2.09	1.27	1.40	1.89	1.05	3.95	1.78	4.08	3.09	22.19
May	2.32	4.49	3.70	3.26	3.79	3.40	3.35	2.53	3.02	1.13	30.99
June	1.58	0.30	2.70	2.07	4.06	4.13	2.65	4.44	0.45	1.26	23.64
July	2.23	2.83	2.75	2.29	2.19	1.50	5.01	1.71	3.26	3.28	27.05
August	3.60	4.69	2.72	2.00	3.03	6.30	0.57	3.74	1.96	4.95	33.56
September	0.67	3.04	4.40	4.52	2.21	5.07	2.16	2.69	1.47	6.27	32.50
October	2.50	1.35	4.35	5.96	5.52	1.89	0.68	1.86	5.93	2.85	32.89
November	2.61	0.67	3.54	6.64	0.27	7.36	3.33	2.47	5.49	4.15	36.53
December	1.78	3.77	1.80	2.99	4.49	4.51	3.06	5.15	3.81	2.18	33.54
TOTALS	31.58	31.90	34.80	37.28	34.88	45.05	40.07	41.31	35.68	40.37	372.82
	D	D	D	D	D	D	D	D	D	D	D

1941 Jan 20-21 adj. for snow.

1942. Obs. states lake on reservoir well made factory. New g. 1240 ft away at same level 5/43.

Round reported 203 in. small 4th 8/5/45 (See 4523/1).

1944 N.P. CHECK, reading low. Catch contains 1 lb 3 in. but then would be repeated.

1945 n.p. check 1946 n.p. check. 1947 n.p. check. 1948 n.p. check.

1949 n.p. check.

1950 n.p. check.

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			Oswestry	5 1/4 mi	ESE	Rhydyrocan	1 1/2 mi	ESE.

BRITISH RAINFALL ORGANIZATION

Station No. TF 4323/1RAINFALL at Nansilan (Pamquay Reservoir) NW 41County of DerbyshireObserver J E Taylor Esq C.E.River Basin 1-Severn-1st BankType of Gauge StandardAnnual Average 39.8 in. based on 7 years obs. un-weighted. Period of average 1881-1915 Ref. L.W.S. (Dec)

File No.

Diameter	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
5"						407	445				
Height			10								
Altitude			1115'				41				
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January			-100	4.40	2.98	5.39	3.70	10.41	2.24	1.51	
February				1.57	3.78	4.22	3.32	3.15	2.40	7.51	
March				1.57	1.61	1.73	(8.71)	2.02	1.61	2.16	
April				1.47	2.52	1.27	4.33	1.89	4.25	3.44	
May				3.66	4.15	3.60	3.43	2.54	3.20	1.22	
June			# -100	2.27	4.17	4.32	2.82	5.24	0.46	1.26	
July			2.95	2.33	2.23	1.59	5.12	1.82	3.12	3.20	
August			2.37	2.18	3.23	6.53	0.57	3.86	2.05	5.08	
September			4.84	4.95	2.43	5.21	2.26	2.85	1.41	6.45	
October			4.70	6.18	6.20	1.88	0.71	2.01	6.13	2.89	
November			3.69	7.31	0.28	7.95	3.48	2.68	5.78	4.45	
December			1.90	3.44	4.64	4.86	3.23	5.17	4.33	2.31	
TOTALS			-100	40.33	38.22	48.55	41.68	43.64	36.98	41.45	
			N.P. inc	D	D	D	D	D	D	D	

1947 Mar. post estd for snow

10004

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.
1943			Oswestry			Rhydermesan		

Station No.

4323

TF13

RAINFALL at Planidlin (Penygwely Reservoir) **S** 51County of Darbyshire

Observer

J. E. Taylor, Esq., CE.River Basin H. Severn, Left Bank Tribos.Borough, Lough (1955)Type of Gauge Snowdon

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

File No. 66.1498.2.5

Diameter ...	5"				42	44					
Height ...	1'0"					1					
Altitude ...	1095'					51					
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	3.07	3.79	0.96	2.70	2.95	4.73					
February ...	4.61	0.48	1.68	3.75	2.76	0.42					
March ...	4.96	1.54	1.52	3.09	3.12	1.67					
April ...	2.45	2.45	3.35	0.50	1.57	1.78					
May ...	4.12	2.60	2.95	3.66	5.72	0.56					
June ...	1.41	1.96	2.01	4.20	4.01	1.44					
July ...	1.80	2.60	2.81	2.51	0.69	3.61					
August ...	4.94	3.29	3.20	4.15	1.31	6.00					
September ...	3.30	2.93	3.95	4.32	1.29	4.02					
October ...	1.59	9.20	1.97	7.90	1.89	1.85					
November ...	9.36	3.74	4.02	9.17	2.87	1.51					
December ...	5.37	3.62	1.52	3.34	4.42	4.70					
TOTALS ...	46.98	38.20	39.94	44.29	32.60	32.29					
	Dnp.	Dnp.	np.	np.	Dnp.	np.					

1951. n.p. check.

1952. n.p. check.

1953. n.p. check.

1954. n.p. check.

1955. n.p. check.

Inspected 14.10.55 Mr. Parks. Gauge sound, but some London. Gauge on dam. Site of N 9 S. wind funneling up and down valley S. & N.

April 1956. New gauge set up at foot of dam. Present site ~~was~~ abandoned Jan. 1957.

Position of Station on Ordnance One-Inch map :

No. of Map 117National Grid Reference ST/220 521

Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction from gauge.
1941			Oswestry	5 1/2 mi E.S.E.	Rhydycesan	1 1/2 mi E.S.E.

Summary of Earlier Records from 10-year Sheets :

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
	D	D	D	1941-45 D 1944-50 NP	

RAINFALL at Glamlin (Penygwally Reservoir) Station No. 4323/1 51
 County of Denbighshire Observer J. E. Taylor Esq. C.E.
 River Basin H. Sarnon left Bank Trips Longbridge (1955)
 Type of Gauge Snowdon General

Annual Average 39.8 in. based on 7 years obs. un-weighted. Period of average 1881-1915 Ref. LWS
 41.61 13 1944-56 1916-1955 287498/25 75
 File No. 287498/25

Diameter ...	5"				427	445					
Height ...	1'0"					1					
Altitude ...	1115'					51					
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	3.25	4.37	1.08	2.79	2.98	4.91	4.12	4.14	6.25	7.51	
February ...	4.63	0.57	1.89	3.74	2.63	0.60	3.53	5.91	0.37	5.54	
March ...	5.19	1.64	1.59	3.39	2.96	1.79	2.74	1.66	2.84	2.62	
April ...	2.68	2.63	3.89	0.48	1.19	2.02	0.33	0.91	4.95	1.73	
May ...	4.25	2.69	3.21	3.62	4.73	0.65	2.59	3.90	2.99	2.37	
June ...	1.68	2.07	2.33	4.29	3.37	1.62	1.35	4.36	2.69	2.08	
July ...	1.85	2.60	3.19	2.56	0.65	4.54	5.63	5.85	4.05	4.27	
August ...	5.45	3.77	3.37	4.38	1.14	5.98	7.27	3.93	1.35	5.69	
September ...	3.43	3.29	4.09	4.54	1.44	4.22	8.03	6.35	0.49	5.55	
October ...	1.70	9.91	1.96	7.68	1.70	1.95	3.11	3.02	3.92	9.24	
November ...	9.54	4.07	4.12	8.81	2.69	1.63	2.35	1.44	5.83	8.52	
December ...	5.98	4.02	1.58	3.03	4.25	5.14	2.56	3.94	8.82	4.42	
TOTALS ...	45.43 D	41.63 D	32.80 D	49.31 D	29.43 D	35.70 D	43.61 np	45.41 np	44.55 np	59.54 np	

Inspected 14.10.55 M.V. Oaks. Gauge ~~sound~~, severe Corrosion. Site satisfactory but recommended turf wall for additional protection.

1955 n.p. gauge looks.

April 1956. Turf wall erected. G. repaired April 1956

1957 np check

1958 " " "

1959 " " "

1960 np check.

Position of Station on Ordnance One-Inch map :

No. of Map 5J

National Grid Reference 55(3) 220324

Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction from gauge.
1943			Oswestry		Rhydyceuan	

Summary of Earlier Records from 10-year Sheets :

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
				C1943 inc. 1944-50 D	

Station No. 4323/2

RAINFALL at Blansilin (Penygroby Reservoir)

51

County of Denbighshire Observer Borough SurveyorRiver Basin 4 - Severn, left Bank Trib.Type of Gauge Snowdon

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

File No. 661498/26

Diameter ...			427	446		5"		427	446		
Height ...				1		1'0"			1		
Altitude ...				51		1055'			51		
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...						-1.00	4.14	4.25	6.33	7.52	
February ...						1	3.60	6.45	0.37	5.37	
March ...							2.86	1.78	2.93	2.63	
April ...						-1.00	0.36	0.97	4.74	1.80	
May ...						# 0.63	2.63	3.99	3.08	2.32	
June ...						1.59	1.31	4.43	2.71	1.89	
July ...						4.52	5.74	5.76	4.10	4.28	
August ...						6.40	7.44	3.99	1.36	5.43	
September ...						4.34	8.34	6.50	0.49	5.52	
October ...						2.02	3.25	3.13	3.86	9.21	
November ...						1.83	2.38	1.45	5.75	8.01	
December ...						4.44	2.54	4.00	8.97	4.15	
TOTALS ...						-1.00 NP. Inc.	44.59 D	46.70 2D	44.69 D	58.13 D	

1957 Print

Position of Station on Ordnance One-Inch map : No. of Map..... National Grid Reference 5(33)222322

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