

RAINFALL at Llangyfian (North Wales Grousemoor)

County of Denbigh

Observer the Radical Superintendent.

River Basin Glyndwr c. 2

Type of Gauge H. J. Snowdon (1933)

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

Diameter	c. 1933										703406/36
Height	5										
Altitude	1,046										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January				1.57	1.53	4.33	2.01	3.12	5.72		
				1.70							
				2.22							
February				1.30	3.03	3.31	4.46	1.86	2.15		
				1.98							
March				2.06	1.92	2.93	3.24	1.88	3.43		
				2.55							
April				2.66	2.57	1.54	3.08	1.18	1.19		
				1.98							
May				1.45	1.925	1.66	2.72	1.88	1.51		
				2.55							
June				1.34	2.95	5.67	1.66	2.86	2.31		
				1.64							
July			(1.31)	1.74	1.15	3.17	2.55	3.22	4.79		
				3.31							
August			1.35	3.01	.88	1.21	2.09	3.42	1.51		
				1.49							
September			1.97	1.60	1.99	1.00	1.06	1.41	.74		
				3.58							
October			1.58	3.35	1.33	1.84	2.70	3.54	2.63		
				2.96							
November			2.26	2.89	4.925	3.05	1.53	3.42	5.08		
				4.28							
December			1.97	4.19	1.75	3.82	2.90	3.26	1.79		
TOTALS				26.40	30.41	36.43	30.00	28.05	33.57	N.R.	
				26.40	30.41	d	d	d	d	48	
				26.40	d	d	d	d	d		

1933 July partly estimated from old gauge.

Free 20 ft high 30 ft E

1934 Flagstaff 40 ft high 16 1/2 ft to N.E. 1934 values converted - see from gauge 36.
The data published in R.R. 1934 should be interchanged well "Farming".

1933 n/a

1934 n/a

1935 n/a

1936 n/a

1937 n/a

1938 n/a

1939 n/a

1940 n/a

1941 n/a

1942 n/a

1943 n/a

1944 n/a

1945 n/a

1946 n/a

1947 n/a

1948 n/a

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2022 n/a

2023 n/a

2024 n/a

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2026 n/a

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2100 n/a

2101 n/a

2102 n/a

2103 n/a

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2105 n/a

2106 n/a

2107 n/a

2108 n/a

2109 n/a

2110 n/a

2111 n/a

2112 n/a

2113 n/a

2114 n/a

2115 n/a

2116 n/a

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2163 n/a

2164 n/a

2165 n/a

2166 n/a

2167 n/a

2168 n/a

2169 n/a

2170 n/a

2171 n/a

2172 n/a

2173 n/a

2174 n/a

2175 n/a

2176 n/a

2177 n/a

2178 n/a

2179 n/a

2180 n/a

2181 n/a

2182 n/a

2183 n/a

2184 n/a

2185 n/a

2186 n/a

RAINFALL at

Llangwfan (North Wales Sanatorium) farm, *4325*.

County of Denbigh

Observer J.R. Lloyd

River Basin 2 - Clwyd & C.

The medical Superintendent

Type of Gauge M.O.

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

Ref.

703406/26.

Diameter	6"	6"										
Height	1' 6"	2 0	i	o								
Altitude	460'											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	
January		2.55 (2.85)	1.57	1.30								
February		2.25 (2.88)	2.2									
March		1.71 1.66	1.98									
April		3.96 0.82	2.55									
May		2.86 1.76	1.98									
June		1.67 1.30	1.84									
July		5.08 1.34	1.64									
August		1.57 (1.42)	3.31									
September		2.53 0.67	1.69									
October		4.47 4.39	3.58									
November		2.43 2.42	2.90									
December		1.05 0.91	1.17									
TOTALS		29.13 (22.6)	26.60	15 22	N.O.	D.	#					

Tree 15 ft high 30' E. 1934 Tree now 20 ft high

Tree 12' high 12' W.

1933. As this g. is kept by the farm bailiff it was decided to place a footnote in B.R. to this effect. The new g. 4325/4 on the lawn in front of the Sanatorium will in future be known as the Sanatorium g. Jan Feb & Aug adjusted for omissions.

1934 Flag staff 10 ft high 10° N. 1934 values converted see Sanatorium gauge 26. The date pub. in B.R. 1934 should be under changes will San. g.

Position of Station on reduced Ordnance Survey Map, } No. of Map 443, Reference No. F. 1.
1 mile to 1 inch Series }

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge
1931.			Denbigh	5m	W	Llangwfan	100yds W.

Station No. 43124

RAINFALL at Mangway Farm (North Wales Sanatorium) 41

County of Denbighshire

Observer The Medical Superintendent

River Basin Clwyd & E. T.

Type of Gauge Standard

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

Ref.

File No. 703406/26

Diameter	5				538	965					
Height	100						1				
Altitude	460						41				
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	(400)	(3.66)	3.93	3.13	3.44	3.19		-100?	4.83	2.48	0.70
February	(350)	1.49	2.57	1.89	1.89	4.80		-100?	26?	1.10	4.62
March	(348)	1.79	0.71	1.37	0.83	(61)		-100?	25?	1.78	1.20
April	2.05	1.50	1.56	1.06	1.98	0.79		-100?	29?	2.65	3.27
May	2.15	3.96	3.71	1.37	3.98	3.01		-100?	21?	2.24	1.02
June	-100	(55)	1.88	1.64	1.83	2.18		3.39	0.81	1.47	
July	-100	(3.70)	1.43	1.72	2.43	2.33		1.98	2.27	1.94	
August	-100	(3.82)	(2.89)	3.16	2.12	1.21	3.73		2.93	1.71	4.38
September	0.34	2.11	5.99	4.16	1.23	(2.36)			1.20	1.40	(4.37)
October	3.99	2.30	4.17	4.59	4.31	(1.20)			2.53	4.35	2.49
November	2.46	(1.24)	2.59	6.04	0.31	3.91			1.79	3.70	4.26
December	1.50	3.63	1.21	2.25	2.41	3.47			3.14	(4.16)	3.78
TOTALS	-100							-100?	25.48	28.65	33.45
	--	(28.82)	32.91	31.34	25.85	(32.58)	*				
	mp.	ap	d	d	d	d.m.p.		mp.	mp.lav		

1941 mp. imp. Jan-Mar estd. Aug 1-14 estd.

1942 mp. too much estimation

1943 mp. too much estimation March, Sept. & Oct. perfect'd

* 1947 Record is quite unreliable and has been retained in file.

1948 N.P. 102. Record of no real value. some improvement in latter half of year after correspondence.

1949 mp. Jan-Dec, put est.

41624

10144

00014 00104

9

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	Parish Church.	Distance from gauge	Direction
79444			Bonllyn	4200	W	Llangollen	2000	North

(1952)

Station No.

4312/4

RAINFALL at Llangwyfan (North Wales Scranton) 51

County of Denbighshire

Observer Technical Superintendent

River Basin 2 - Clwyd & A

Hospital Surveyor (1952)

Type of Gauge Standard

Annual Average..... in. based on..... years obs. up-weighted. Period of average.....
 " 31.04 - " 20 - within 1934-57. - 1916-50
 File No. T-03406/2b

Ref.

Diameter	5"				538	965					
Height	1' 0"						1				
Altitude	460'						51				
Year	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January	2.09	3.35	0.90	1.79	2.52	2.95	1.52	3.23	4.55	6.45	
February	3.23	1.03	2.35	2.29	2.89	0.51	2.54	4.83	0.41	2.12	
March	5.46	0.68	0.82	1.81	2.38	1.41	1.06	1.44	1.80	2.23	
April	2.47	1.43	2.16	0.65	1.11	2.01	0.36	0.51	4.53	1.31	
May	4.04	2.21	2.55	3.95	3.35	0.53	1.55	2.15	2.66	1.71	
June	1.26	1.42	1.49	3.03	2.59	1.75	1.25	4.65	2.33	1.28	
July	1.26	1.31	1.95	3.14	0.28	4.79	5.15	3.44	2.28	2.44	
August	3.88	1.56	2.20	4.22	1.31	7.29	5.00	3.13	0.91	3.87	
September	2.07	3.66	3.23	1.99	1.71	2.83	6.88	4.46	0.24	5.12	
October	1.43	4.51	1.33	4.26	2.04	2.31	2.17	2.51	2.99	3.89	
November	6.23	2.76	2.06	6.53	1.90	1.02	2.60	1.76	4.77	5.48	
December	3.38	4.12	1.36	3.22	2.52	2.04	1.76	2.43	4.50	2.85	
TOTALS	36.47	28.04	22.40	36.88	24.60	29.44	31.84	34.66	31.47	38.75	
	D	D	D	D	D	D	D	D	D	D	

Inspected 22.3.58. Gauge base detached, measure certified, site reasonable.

JAS.
1/31 Position need to align
every interval!

Position of Station on Ordnance One-Inch map : No. of Map 108 National Grid Reference 33/122661

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Parish Church.	Distance from gauge.
1944			Denbigh	4½ mi W	Llangwyfan	200 yds N.

Summary of Earlier Records from 10-year Sheets :

Record D, or d	1910-19	1920-30	1930-40	1941-50	1951-60
			1933 inc 1934 inc 1935 inc 1936-37 inc 1938-39 N.P. 1940 N.R.	1941 inc 1942 inc 1943 inc 1944 inc 1945 inc 1946 inc 1947 inc	1941 inc 1942 inc 1943 inc 1944 inc 1945 inc 1946 inc 1947 inc