

# RAINFALL AT

122

Denbigh Asylum

4312

Lat.

Lon.

County of

Denbigh

Creator

Rain Gauge, by

W. Barker Esq

Observer

Clwyd FC-2.

Diameter ..								5			
Height ..								0 10			
Altitude ..								3 1/2 ft			
Year ....	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..								1.02	2.15	2.21	
February ..								1.84	2.27	1.49	
March ....								1.73	3.65	2.06	
April .....								1.39	2.02	2.86	
May .....								2.24	2.30	.59	
June .....								3.03	2.43	2.27	
July .....								1.93	2.30	2.48	
August ....								2.18	3.35	3.43	
September ..								.61	3.45	3.17	
October ....								6.55	1.61	4.02	
November ..								2.16	2.68	1.43	
December ..							3.31	2.49	1.77	4.99	
TOTALS ..								27.17	29.98	31.00	

1907 Denbigh Church  
" Station  
Gauge in open garden

1/2 mile NW  
1/4 " N

+ Inspected

# RAINFALL at <sup>134</sup>Denbigh Asylum

10<sup>4312</sup>

County of Denbigh

Observer W. Barker Esq

River Basin Clwyd + C 2

Rain Gauge, by

Diameter ...	5										
Height .....	10						10				
Altitude ...	316 ft										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	TOTALS MEANS 1916-19
January ...	2.54	.92	2.30	2.63	2.25	3.95	1.88	1.84	2.32	3.07	9.11
February ...	3.42	2.15	1.49	1.47	2.80	4.23	3.98	.95	3.36	1.65	9.94
March .....	1.24	1.44	3.52	4.32	3.06	1.04	2.10	3.01	.78	6.12	12.01
April .....	3.27	.67	.47	3.80	.76	1.82	2.29	2.33	1.39	2.25	8.26
May .....	2.18	.89	1.81	2.61	1.95	1.93	3.73	2.85	3.23	1.72	11.53
June .....	3.53	3.66	4.35	1.54	3.18	.99	1.17	1.99	1.94	2.24	7.34
July .....	3.10	1.15	3.34	2.20	5.59	3.18	.86	1.34	2.37	2.10	6.67
August .....	3.33	3.27	5.31	1.91	1.12	3.58	1.57	5.76	1.79	3.88	13.00
September ..	.55	3.96	.94	2.42	2.77	1.43	4.95	1.06	5.86	2.71	14.58
October ...	3.71	2.28	3.52	2.21	2.01	1.80	6.20	6.51	2.31	4.12	19.12
November ...	5.78	3.17	3.37	2.43	3.64	3.65	2.79	2.97	1.88	3.19	10.83
December ...	4.11	5.02	2.86	3.28	7.64	5.32	1.60	1.45	5.03	5.86	13.94
TOTALS ...	36.76	28.58	33.28	30.82	36.77	32.92	33.12	32.06	32.26	38.91	38.548
	3	2	2	2	2	2	2	2	2	2	136.35

+ Inspected

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
			Denbigh					

RAINFALL at Denbigh (Asylum) Mental HospitalCounty of Denbigh Observer W. Barker, Esq.River Basin Clwyd & C. 2.

Rain Gauge, by \_\_\_\_\_

Diameter ...	5										4"
Height .....	1.0										
Altitude ...	216										
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	<del>1930</del> 1930.
January ...	3.67	4.43	4.57	2.76	2.38	2.57	3.51	3.54	5.26	.97	5.68
February ...	3.03	4.5	3.89	4.33	.82	5.18	1.40	1.54	3.21	.65	0.51
March .....	5.62	1.81	2.82	.94	.64	1.84	.95	4.13	1.58	.01	2.90
April .....	4.24	1.23	2.72	1.64	2.00	2.17	1.20	1.51	0.86	1.05	2.92
May .....	3.46	1.27	.57	4.40	4.19	3.04	2.68	1.79	1.99	1.67	1.41
June .....	2.76	.32	1.69	.56	1.89	.07	1.35	4.56	4.35	1.81	1.43
July .....	5.20	1.50	3.29	1.61	3.89	2.94	5.10	2.33	0.67	2.39	2.93
August .....	1.90	3.58	2.92	2.70	3.20	2.23	2.70	5.37	2.86	2.17	4.33
September...	2.68	.88	2.57	2.45	5.23	5.27	4.41	6.39	2.34	1.59	2.94
October .....	1.88	2.93	.82	6.65	3.73	3.96	3.02	3.66	4.49	4.55	5.21
November...	1.12	2.71	1.97	4.33	1.62	3.29	4.62	3.80	5.21	6.03	4.75
December...	2.38	4.33	5.31	3.91	4.90	3.66	1.23	1.08	2.63	7.28	5.39
TOTALS...	27.94	25.34	33.44	36.28	34.57	36.92	32.17	39.70	35.45	30.17	40.40

1929. 9. mi open garden.  
 1930. Obs taken at 9 a.m.

Position of Station on reduced Ordnance Survey } No. of Map \_\_\_\_\_  
 Map, 2 miles to 1 inch Series

Reference No. \_\_\_\_\_

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge	Direction
1929			Denbigh.	1 1/4 m.		Denbigh	1 m.	



RAINFALL at Danbigh (Mental Hospital)County of Danbigh Observer W. RafterRiver Basin 2- Elwyd &c. The Clerk and Steward.

Type of Gauge .....

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

741366/27

Diameter	4	5										
Height	1.0											
Altitude	316											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Mean	Total
January	3.62	4.01	2.86	2.52	1.82	4.04	2.75	5.08	5.80	(2.36)	3486	
February	4.06	.11	2.38	.21	3.83	3.54	5.23	1.11	2.34	2.83	2564	
March	.67	2.62	2.08	2.40	.78	2.61	2.85	.92	3.00	2.60	2053	
April	3.12	4.16	0.89	2.04	2.80	1.83	3.41	.68	2.05	2.61	2359	
May	3.17	2.84	1.34	2.56	1.34	2.36	1.88	3.04	1.56	2.59	2268	
June	3.89	.74	1.80	1.09	3.21	5.03	1.56	3.83	2.68	1.24	2507	
July	1.68	4.80	1.77	.86	.78	2.49	1.86	3.21	6.35	3.16	2696	
August	5.86	1.81	1.21	3.39	.92	.67	.97	3.69	1.61	.67	2080	
September	4.17	2.71	0.98	1.77	6.14	3.74	1.93	.97	0.67	3.37	2645	
October	1.46	5.19	4.71	4.25	6.03	2.33	2.92	4.48	2.48	4.86	3871	
November	4.73	2.59	1.64	1.62	4.83	3.90	1.44	4.24	6.02	6.46	3747	
December	2.19	1.70	0.85	4.23	3.28	5.42	3.17	3.80	2.41	1.63	2868	
TOTALS	38.62	33.28	22.51	26.94	35.76	37.96	29.97	35.05	36.97	34.38	33144	RM

1931. In open garden. no buildings nearer than 100 yards. *RF*  
 1940. Jan + Feb. part catch for snow.

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			Danbigh	1 m.	-	Danbigh	1 m.	-

Station No. M. 4312

RAINFALL at Denbigh (Mental Hospital)

41

County of Denbigh Observer The Clerk and Steward

River Basin 2-Chwyd. &amp; c.

Type of Gauge

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

File No. 741.366/27

Diameter	5				539	198						
Height	10					1						
Altitude	316					41						
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means Totals	
January	2.08	4.14	4.42	4.02	3.50	3.98	3.41	7.45	3.09	0.94	37.03	
February	3.05	1.75	2.50	1.86	3.11	5.06	1.70	1.63	1.41	5.12	27.19	
March	3.09	1.94	0.78	1.72	1.00	1.19	5.52	1.71	1.49	1.51	19.95	
April	1.03	1.55	1.46	0.86	1.70	0.69	4.21	1.69	2.59	4.20	19.98	
May	2.66	2.59	2.71	1.62	3.46	2.81	2.53	1.23	2.36	1.09	23.06	
June	0.63	0.56	3.19	1.39	2.12	3.30	2.50	3.77	0.55	0.99	19.00	
July	1.50	3.18	2.20	2.17	1.99	1.71	2.46	2.24	2.62	1.81	22.09	
August	3.38	3.06	2.48	1.81	1.35	4.83	0.43	2.88	2.00	3.30	25.62	
September	0.53	2.13	4.54	3.90	1.46	3.76	2.22	1.53	1.04	4.57	25.68	
October	4.28	2.37	4.06	4.62	4.33	0.90	0.56	2.03	4.67	2.77	30.59	
November	2.42	0.78	3.07	6.46	0.61	3.90	(4.00)	1.59	3.37	4.22	30.42	
December	2.29	4.12	1.55	3.19	3.44	3.84	1.80	4.79	4.51	3.19	32.72	
TOTALS	26.94	28.17	32.96	33.62	28.07	35.97	(31.54)	32.54	29.71	33.71	313.23	10

1947 Nov. ex. a

00022

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

Station No. 4312 M

RAINFALL at Danbigh (Mental Hospital)

51

County of Danbighshire Observer Clark & StewardRiver Basin 2. Cwyd a L

Type of Gauge

Annual Average in. based on years obs. un-weighted. Period of average 1916-1950 Ref.

33-24 - " 35 - " 1916-1950

File No. 741.366/27

Diameter	5"				539	198						
Height	1' 0"					1						
Altitude	316'					51						
Year	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means	
January	2.51	4.73	0.97 (2.30)	2.83	4.13	2.16	2.81	4.38	5.74	32.56		
February	3.26	1.41	2.97	2.69	3.13	0.68	2.35	4.80	0.12	2.18	23.59	
March	5.54	0.59	1.15	2.54	1.98	1.26	1.53	1.42	1.29	1.50	18.80	
April	1.52	1.64	2.89	0.78	0.64	1.50	0.43	0.45	3.70	1.37	14.92	
May	3.10	3.11	1.61	4.21	3.04	0.73	1.64	2.17	1.90	1.32	22.33	
June	1.51	1.43	2.52	2.25	2.39	2.03	1.01	3.86	1.65	0.89	19.54	
July	1.47	0.98	2.33	2.79	0.48	4.22	6.24	3.37	2.29	1.68	25.85	
August	3.95	1.59	3.17	3.51	1.87	6.90	3.83	3.56	1.54	3.59	33.51	
September	2.26	5.00	3.57	1.78	1.67	3.09	5.23	3.75	0.15	3.37	29.87	
October	1.33	5.04	1.76	4.68	2.67	2.35	2.16	2.18	2.58	2.56	27.21	
November	5.96	2.87	2.97	7.86	1.71	1.34	2.78	1.43	3.08	4.59	34.59	
December	5.08	4.44	1.08	3.51	3.17	3.04	1.31	1.73	3.12	2.38	28.86	
TOTALS	37.49	32.83	26.99	38.80	25.68	31.27	30.67	31.53	25.30	31.17	311.63	10
	D	D	D	D	D	D	D	D	D	D	np	

Inspected 22.3.56 nu. Desks. Gauge funnel leaks & bottom detached. Measure feet - bottomed broken. Site ~~not~~ of sky posts 4' W 2' 6" 3' S W 3'. Rev. repair new measure letter 1744 30th May. Rem. carried out. Gauge repaired. New measure ordered. Posts moved back.

Gauge tested for leaks in Sept 1957. 1957. Low?

1958 looks a bit low but accept.

1959 looks low 1960 n.p.

Position of Station on Ordnance One-Inch map: No. of Map... 1.58..... National Grid Reference 23/051653

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

Summary of Earlier Records from 10-year Sheets:

1916-1950 P- accepted

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
	D	D	1931-38 D 1939-40 d	D	