

84

RAINFALL AT Nantglyn Pant-y-maen

Lat. \_\_\_\_\_

Lon. \_\_\_\_\_

County of Denbigh

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

Observer W Barker EsqDec - 1.

Diameter ....		8									
Height .....		10									
Altitude ....		1320 T									
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January ....			5.44	4.36	6.03	4.85	2.03	1.58	5.11	9.37	
February ....			1.96	6.80	7.65	1.05	1.81	4.68	5.33	4.09	
March .....			1.98	1.70	3.40	5.98	6.86	6.72	2.08	3.39	
April .....			1.60	1.98	3.10	4.21	3.25	3.15	3.30	5.86	
May .....			3.97	2.00	4.35	1.35	.82	1.10	6.55	2.62	
June .....			4.40	3.23	2.40	.86	3.92	2.86	3.12	3.23	
July .....			3.73	2.40	6.01	4.93	4.01	1.78	1.31	2.81	
August .....			4.97	4.80	5.60	2.90	3.59	5.63	7.00	2.13	
September....			3.02	3.68	1.00	1.41	7.67	4.84	2.70	7.37	
October .....		5.44	12.67	3.85	7.27	6.58	8.02	2.03	6.57	4.96	
November ....		4.21	2.73	3.92	5.28	7.55	2.15	5.16	3.07	4.69	
December ....		7.65	(3.00)	7.50	5.13	4.15	7.55	7.03	5.63	2.90	
TOTALS ....			(49.47)	46.22	57.22	45.82	51.68	46.56	51.77	53.42	

1892 Nantglyn Church 3 miles N.N.E

1892 December only approximately correct

116

4304

RAINFALL AT *Nantglyn Pant-y-maen*

Lat. ....

Lon. ....

County of *Denbigh*Rain Gauge, by *Cassella*Observer *W. Barker Esq*

See - 1.

Diameter ..	8										
Height ....	1.0										
Altitude ..	1320 T										
Year ....	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEAN.
January ..	4.89	4.97	2.62	6.72	5.30	2.70	7.10	2.26	4.85	3.26	4.467
February ..	5.74	3.30	3.74	6.96	5.85	2.81	4.91	2.82	3.45	3.17	4.275
March ....	2.05	6.54	3.16	8.35	2.85	5.74	4.63	2.63	5.76	3.40	4.511
April .....	2.36	(3.70)	2.36	2.70	3.60	3.48	1.95	2.29	2.70	4.26	2.940
May .....	2.53	(5.39)	5.11	4.22	3.61	.75	4.66	2.65	3.63	1.29	3.014
June .....	2.93	(1.66)	2.68	2.48	1.35	2.52	1.83	5.22	2.53	2.54	2.7143
July .....	1.68	3.45	2.48	4.37	2.14	1.90	.72	2.19	4.68	3.96	2.757
August ....	10.03	4.60	3.57	6.47	5.71	7.18	3.25	4.42	4.65	3.43	5.326
September ..	1.52	1.97	2.25	6.75	1.55	3.00	1.42	1.05	3.99	5.10	2.860
October ....	8.15	3.69	4.85	11.30	1.97	5.77	7.37	8.88	1.72	(7.42)	6.112
November ..	6.16	5.92	3.23	5.03	3.88	4.88	4.93	3.11	4.65	2.77	4.456
December ..	6.09	9.92	6.53	3.76	7.45	1.25	5.90	4.60	3.31	(7.50)	5.621
TOTALS ..	54.13	53.07	(42.58)	69.11	45.29	41.93	48.67	42.02	45.92	(48.10)	49.082

Apr + May 1901. substituted for purpose of average W. 1911.

1900 Nantglyn Church 3 miles N.E.

Denbigh Station 7 1/2 - N.E.

Gauge on the open moor

1909 Tamped. Oct pthly + Dec wholly est.

+ Inspected

RAINFALL at Nantglyn Park-y-maenCounty of DenbighObserver W. Barker EsqRiver Basin Dee 1J. H. Parkin Esq (11)Copper M.O. Rain Gauge, by Casellafunnel  $\left\{ \begin{array}{l} 8.12 \\ 7.95 \\ 8.00 \\ 8.10 \end{array} \right.$  glass correct 111.14

Diameter ...	6											
Height .....	1.0											
Altitude ...	1320 T											
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	TOTALS MEANS. 1916-19	
January ...	(5.50)	1.36	2.54	3.50	4.70	7.18	5.05	2.30	4.53	4.25	16.13	
February ...	(5.76)	4.10	2.85	2.35	4.15	7.60	7.70	1.00	7.40	2.91	19.01	
March .....	1.70	2.07	5.05	5.40	5.50	1.48	3.93	3.50	1.85	(6.90)	16.18	
April .....	4.40	2.23	.72	5.15	2.17	2.85	4.00	3.70	2.31	5.35	15.36	
May .....	2.64	1.27	1.46	3.30	3.55	2.28	4.72	3.12	4.40	1.90	18.14	
June .....	4.33	4.89	4.00	3.25	4.09	.35	1.73	2.28	3.11	3.98	11.10	
July .....	4.65	1.46	4.03	(2.00)	4.18	5.05	1.21	3.28	3.64	2.43	10.56	
August .....	5.04	4.54	6.68	2.25	2.35	3.90	2.58	9.30	2.74	5.42	20.04	
September ..	.61	4.04	1.35	2.92	2.81	1.86	5.67	2.50	10.20	5.08	23.45	
October ...	4.30	3.99	4.75	4.82	3.73	2.76	11.52	9.62	4.85	10.50	32.29	
November ...	(6.13)	6.95	4.20	4.90	5.70	4.90	(5.00)	5.65	3.58	4.72	18.95	
December ...	6.40	7.50	5.90	3.70	10.70	10.22	3.53	3.70	8.90	9.57	25.70	
TOTALS ...	(51.46)	44.40	43.53	(43.54)	(53.63)	50.43	(56.64)	49.95	57.51	(58.61)	222.91	

1910 Jan Feb + Nov 2.50 - added for loss by snow  
April gauge moved 60 yards S

1916 Nov. tampered with; amount est.

1919. March corrected for S.

inner & outer vessels repaired for  
leaks 7/19/11, before which gauge  
likely to give low readings.  
Letting from O.H.'s d. 10.3.14 states gauge moved, day after inspection  
new pos. 35' lower + 125' SE of previous pos.+ Inspected (A good gauge. Outer can leaky but inner sound. Placed on top of conical knoll and  
badly over exposed. It was removed here some years ago on account of feared tampering.  
Recommended removal to sheltered hollow 50 yds SE near where stream crosses road and  
probably close to old position. Recommended also repairing outer can & provision of bottle.  
cb. 4. 11. 14

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



(1926) Snowdon Rain Gauge, by \_\_\_\_\_

Diameter ...	8"												
Height .....	1.0												
Altitude ...	1320												
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	<del>1930</del> 1930	TOTALS 1920-30	
January ...	8.70	9.03	6.60	6.23	3.93	5.80	5.80	6.40	9.00	1.64	8.14	71.7	
February ...	5.87	.92	7.30	7.65	2.14	8.83	3.00	3.40	6.70	.84	.74	47.39	
March .....	8.82	4.92	4.57	2.01	1.25	2.42	2.20	7.38	3.08	.44	4.52	41.61	
April .....	7.02	1.75	4.07	3.12	4.75	3.68	2.62	2.70	1.66	1.22	4.16	36.75	
May .....	4.35	2.70	1.17	7.06	6.30	5.17	4.50	2.63	2.44	2.74	1.68	40.74	
June .....	3.40	.67	2.26	2.43	2.30	.08	2.62	7.30	6.54	2.14	1.97	32.21	
July .....	8.48	3.05	5.76	3.06	5.19	3.05	7.58	2.82	1.82	4.50	6.50	51.81	
August .....	4.12	5.91	3.41	5.02	6.53	2.70	5.43	16.00	5.14	4.85	5.77	64.88	
September...	4.27	1.93	3.98	4.95	7.25	7.01	5.66	7.00	3.14	2.44	4.60	52.23	
October .....	2.22	2.96	1.56	9.62	6.41	6.40	4.50	9.44	8.84	7.62	8.10	67.67	
November...	2.90	4.15	3.18	7.36	3.35	4.30	7.15	6.74	9.20	9.24	8.24	65.81	
December...	4.45	9.45	7.88	6.66	7.00	8.16	2.21	2.34	4.16	11.26	7.99	71.53	
TOTALS...	64.60	47.44	51.71	65.17	56.30	57.60	53.27	74.65	61.72	48.93	62.41	643.80	

Inspected 12/23 see green file  
1930. Obs. taken in winter 9 a.m.  
" " " Summer 10 " "

Position of Station on reduced Ordnance Survey  
Map, 2 miles to 1 inch Series

No. of Map.....

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

[illegible]

RAINFALL at Nantglyn (Pant-y-melin)County of DenbighObserver R.F. Baker, G.E.River Basin 1-DeeType of Gauge L.O.Annual Average 50.3 in. based on 22 years obs. un-weighted. Period of average 1881-1915 Ref. P.B. 390

660551/26

Diameter	8.											
Height	10.											
Altitude	1320											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	TOTALS 1931-40	
January	5.70	6.43	4.94	5.63	3.85	7.32	4.90	8.28	7.13	2.42	5920	
February	5.99	.26	5.04	.65	7.94	5.10	8.31	2.13	4.68	4.49	4459	
March	1.35	4.79	3.20	4.05	1.72	3.99	4.20	2.11	5.55	4.40	3536	
April	5.92	6.46	1.55	3.21	4.34	2.98	5.78	.54	3.17	4.14	3809	
May	4.31	4.20	2.00	3.72	1.90	3.19	2.43	3.10	1.97	3.21	3003	
June	4.20	1.50	4.95	2.30	5.58	6.55	1.94	6.01	4.06	1.70	3879	
July	2.68	7.93	3.08	1.02	1.12	4.98	2.53	6.24	7.79	4.35	4172	
August	7.82	2.39	1.60	5.44	1.98	1.50	1.13	3.83	1.20	1.93	2942	
September	6.99	5.41	1.49	3.55	12.49	5.48	1.86	1.92	1.21	4.23	4463	
October	3.15	9.04	5.76	7.09	11.22	4.77	4.39	8.46	4.56	7.35	6583	
November	8.29	4.20	2.04	2.81	6.85	6.41	2.09	6.20	9.14	9.45	5748	
December	3.88	4.45	1.86	7.26	3.52	7.60	3.39	5.74	3.75	3.47	4432	
TOTALS	60.28 M	57.06 M	37.51 M	46.73	62.61	59.87 M	42.95 M	54.56 M	57.41 M	51.14 M	53012	

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	Parish Church.	Distance from gauge	Direction

BRITISH RAINFALL ORGANIZATION, EXHIBITION ROAD, LONDON, S.W.7.

Station No. T.F. 4304

RAINFALL at Nantglyn (Park - y. maen)

41

County of Denbigh

Observer R. F. Baker Esq. C.E.

River Basin 1 - Dea

E.G. Harrison Esq. C.E.

Type of Gauge H.C. Standard (1944)

W.K. Lewis Esq. B.S. Mice (iv. 52)

Annual Average 50.3 in. based on 38 years obs. un-weighted. Period of average 1881-1915 Ref. P.B. 320

File No. 66055126

Diameter	8			543	564						
Height	1 0				1		1 0				
Altitude	1320				41						
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	TOTALS Means
January	3.63	4.00	6.71	7.25	6.07	9.34	5.10	13.99	4.51	2.38	65.98
February	6.00	2.56	4.28	3.04	7.59	8.46	1.86	5.07	2.72	8.60	50.18
March	5.20	3.54	1.74	1.58	(2.30)	2.09	(7.00)	2.99	2.66	2.86	31.96
April	2.01	2.57	1.67	1.62	3.80	1.04	6.35	2.37	3.25	6.16	32.84
May	3.28	3.79	4.94	2.85	5.33	3.24	3.85	1.60	4.00	1.62	30.50
June	0.89	0.78	(3.90)	(2.50)	3.77	4.95	2.85	6.28	0.94	1.75	28.64
July	1.70	5.06	3.84	2.38	2.90	3.90	2.98	2.88	2.31	3.47	31.42
August	6.46	5.33	4.75	2.88	2.09	7.97	0.50	5.13	3.93	6.19	46.23
September	0.99	4.17	6.35	7.15	3.25	3.87	3.34	3.71	0.92	9.98	35.73
October	7.76	4.59	5.73	6.96	6.57	1.80	0.95	3.78	7.87	4.30	50.31
November	2.79	2.18	4.52	10.33	0.90	7.58	9.23	3.70	6.60	6.61	54.44
December	4.13	6.67	2.77	5.55	5.12	6.75	4.62	7.21	9.27	4.91	57.00
TOTALS	44.84	48.24	51.20	54.07	49.69	62.99	48.63	58.71	50.98	58.86	528.23
	M	M	M	M	M	M	M	M	M	M	

943 June est'd by ref. sur. shs. 1944 June est'd.

1945 March est'd.

1947, main part used for snow

01004 01004 10004

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.

BRITISH RAINFALL ORGANIZATION



Station No. 4304

RAINFALL at hantglyn (Park - y - naen)

51

County of Denbighshire

Observer H. H. Lewis Esq. B.Sc. H.C. alt

River Basin 1 - Dee

Water Engineer, Bakenhead

Type of Gauge Snowden

Annual Average 50.3 in. based on 35 years obs. weighted. Period of average 1881-1915 Ref. P.B. 390

55.00 - - - 35 - - 1916-1950

File No. 1916-1950 66.0551/26 2041/56

Diameter ...	8"				543	564						
Height ...	1'0"					1						
Altitude ...	1320'					51						
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means Totals	
January ...	4.71	7.37	1.91	4.06	4.15	5.52	7.19	5.24	7.23	9.21	56.59	
February ...	5.22	2.48	3.60	4.83	4.46	1.09	4.70	10.05	0.96	6.08	43.47	
March ...	8.10	2.11	2.75	3.41	2.53	2.76	3.24	1.78	2.91	2.48	32.07	
April ...	3.99	2.83	4.16	1.68	2.26	2.85	0.81	1.62	7.17	2.40	29.77	
May ...	4.59	3.39	2.89	5.78	7.13	1.49	2.29	4.44	2.35	2.01	36.36	
June ...	2.05	2.58	3.42	3.35	3.67	3.41	(1.50)	4.14	2.49	1.87	28.48	
July ...	2.67	1.50	4.20	5.52	0.68	6.39	6.47	4.97	3.90	3.73	39.83	
August ...	5.78	3.70	3.75	6.55	1.60	10.20	10.02	3.91	1.20	3.98	50.69	
September ...	4.68	7.21	5.53	6.38	2.92	3.10	7.97	7.11	0.40	7.41	54.71	
October ...	2.03	7.67	2.41	10.36	4.36	3.81	5.71	4.76	6.45	6.20	53.76	
November ...	10.34	4.39	5.40	9.87	3.54	2.51	3.55	3.34	7.36	11.07	61.37	
December ...	9.19	6.49	2.09	6.40	5.56	4.75	4.94	4.01	9.69	6.23	59.35	
TOTALS ...	63.15	51.72	42.11	68.19	42.86	49.88	58.39	55.37	52.11	62.67	546.45	10
		M					M		M	M		

Inspected 21.3.56 Mr. Dodes. Gauge found, measure correct, site suit. factory. Gauge provided by letter & undulations. 1958 values obtained from Eng. 7.9.60 Enc 47A E2016456. 1957 June 2nd 1903

01004

Position of Station on Ordnance One-Inch map :

No. of Map 105

National Grid Reference 82 37 2557

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
	-	-	1931-40 1932-40 1933-40 1934-40 1935-40 1936-40	M	