

RAINFALL AT

Nantlle

11364

Dorothea Llaneris

Lat. _____

Lon. _____

County of Llanarmon

Rain Gauge, by _____

Observer _____

W. J. Griffith Esq

menai straits - 3.

Diameter ...								8			
Height								3.0		2.0	
Altitude ...								500		450	
Year ...	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ...									6.45	3.34	
February ...									4.43	1.55	
March								3.39	8.03	5.06	
April								3.87	3.12	5.75	
May								4.22	4.14	1.87	
June								7.71	2.83	2.60	
July								2.40	5.28	5.55	
August								5.75	5.46	3.07	
September ..								.75	4.67	5.85	
October ...								10.38	2.11	13.13	
November ...								5.36	6.74	2.97	
December ...								7.09	6.00	8.00	
TOTALS ...									59.26	58.74	

1907 Jan + Feb Gauge broken
 Gauge on top of a slate rubbish heap 100 ft above
 level of the ground
 Nantlle Station 3/4 mile
 1909 Gauge read 1st of month.

RAINFALL at Nantlle Dwythel QuarryCounty of CarmarthenObserver W. J. Griffiths EsqRiver Basin Menai Straits 3

Rain Gauge, by _____

M

Diameter ...	8										
Height	2 0				1. 6	2. 0	2 6	60 8?		60. 0	
Altitude ...	450				350	450		460	450	460	
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	5.16	2.90	5.45	9.25	4.91	6.60	4.63	2.87	8.75	7.58	
February ...	8.32	5.22	4.70	3.25	8.92	10.00	6.80	2.08	6.36	1.58	
March	4.09	3.29	10.62	7.07	8.38	2.32	3.54	4.45	3.36	8.05	
April	5.65	4.50	.40	6.94	.94	4.00	4.30	3.12	1.33	5.00	
May	2.72	2.43	2.47	3.90	3.62	2.08	5.89	4.81	4.30	1.12	
June	3.86	5.06	7.69	5.50	2.50	1.34	3.24	2.84	3.51	3.50	
July	5.26	1.24	7.50	1.82	7.14	3.71	3.49	1.88	6.17	3.36	
August	8.40	4.90	9.02	2.58	4.46	3.24	2.45	13.01	2.53	4.55	
September ..	1.54	5.10	1.42	7.94	3.20	1.83	4.21	3.92	11.41	6.30	
October ...	3.90	5.85	5.11	5.37	2.61	4.82	9.37	11.18	10.35	3.06	
November ..	3.28	9.37	6.96	7.80	7.07	4.61	7.08	5.13	3.88	4.00	
December ...	10.45	13.18	7.28	3.10	11.97	12.95	4.23	3.80	9.41	10.42	
TOTALS ...	67.63 imp 2	63.04 imp 0	71.63	64.53	65.73	57.50	59.23 imp 0	59.09 imp 0	71.36 imp 0	58.82	63.856

Read first of each mo.

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1911			Nantlle	½ mi				

RAINFALL at *Nantlle (Dorothea Quarry)*County of *Gwynedd*Observer *W. J. Griffith, Esq.*River Basin *Mersey - 3*

Rain Gauge, by _____

Monthly

Diameter ...	8											
Height	60.0 78.0	60.0				60.0						
Altitude ...	460 460	460				350						
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 1930	
January ...	7.59	9.12	8.27	8.90	7.82	4.75	9.27	7.03	11.11	3.53	12.86	
February ...	4.61	1.30	6.52	10.94	1.29	10.78	6.56	5.79	6.39	1.34	.31	
March	9.84	8.64	5.18	2.43	2.77	1.86	1.20	7.98	4.67	1.84	4.16	
April	8.15	3.16	4.33	5.17	5.55	4.70	3.54	2.00	2.27	1.10	3.21	
May	5.20	3.70	1.40	3.42	6.55	6.15	4.75	2.10	0.98	5.11	2.35	
June	4.10	.73	2.52	2.74	6.50	.12	4.04	7.18	8.16	3.17	3.06	
July	10.33	3.50	6.10	4.88	4.41	3.27	5.85	4.60	4.43	4.98	5.76	
August	5.90	11.07	5.60	7.00	8.25	6.11	5.26	10.83	5.69	7.07	7.28	
September...	5.06	2.10	5.55	8.91	9.24	4.80	2.67	6.84	2.14	2.68	4.94	
October	5.93	3.57	.53	9.98	6.50	8.77	5.10	6.85	10.22	9.37	9.77	
November...	4.72	4.50	5.84	8.80	3.92	5.21	11.08	9.37	11.71	17.54	8.64	
December...	6.38	5.77	11.50	8.02	15.80	5.43	2.03	2.84	7.16	13.25	10.08	
TOTALS...	77.81	57.16	63.64	78.22	78.70	61.96	61.45	73.44	74.93	70.98	72.42	

1925. G on top of quarry tip. 1927. Dec. cannot alter height of g. See enclosure 1A
File 314457/27.

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
1927.			Nantlle	3 1/2 mi.	E.	Standlyfri	2 m.	W.

RAINFALL at Harle (Dorothea Quarry)

County of Cameroon

Observer W. J. Griffith Deceased

River Basin 3. Menai Straits

O. Giller Esq.

Type of Gauge.....

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

814.157/27.

Diameter	8										
Height	60.0										
Altitude	350										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	6.79	10.70	7.41	7.04	4.14	4.03	3.14	5.61	9.28	(4.11)	
February	4.96	.01	2.95	8.1	7.19	5.11	7.91		2.65	(4.63)	
March	1.34	3.27	3.91	4.11	.38	3.96	2.89		3.37	(2.84)	
April	4.36	4.41	2.44	2.77	3.76	1.03	3.39		1.50	2.51	
May	5.58	5.15	2.91	5.38	3.53	1.93	.58		.93	(2.22)	
June	6.21	2.86	3.13	1.71	7.68	4.92	3.49		1.71	1.09	
July	4.78	7.21	3.36	1.22	7.78	4.96	1.47		6.63	3.85	
August	6.59	1.17	3.23	6.34	1.79	2.78	1.03	2.73	1.77	2.68	
September	4.19	4.38	2.77	9.88	8.13	3.52	4.51	3.20	.82	2.91	
October	3.52	9.42	5.87	10.27	7.33	3.42	5.13	6.75	3.92	(5.94)	
November	15.25	4.75	3.10	2.46	8.07	5.09	1.68	6.65	3.56	8.34	
December	4.09	8.53	(3.79)	12.68	3.05	9.21	4.29	4.25	2.61	6.53	
TOTALS	66.66	61.86	(44.87)	64.67	58.83	50.01	39.56	imp.	38.75	(47.65)	

1931. G. on quarry tip.
1933. December adjusted for snowfall by near stations.
1936 No record was kept from Feb. - July.
1939 np low.
1940 Jan, Feb, Mar, May not used f. mltly maps.
1940 np late.

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

Station No. 4364

RAINFALL at Nantlle (Dorothea Quarry)

41

County of Carnarvon

Observer

River Basin 3-Mersey Straths

Type of Gauge *Octapent (June 1944)

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

File No. 81145767

Diameter	8"				5"		529	862			
Height	60' 0"	2' 6"						1			
Altitude	350'	340'			340'	300'		41			
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	(2.12)	6.05		-100	3.10	12.30	10.50	15.35	4.80	2.55	
February	4.87	2.00			7.30	5.75	1.15	4.10	3.50	8.10	
March	3.71	3.26			3.55	2.70	10.65	3.85	2.15	6.60	
April	1.72	2.75			2.50	1.10	7.10	2.80	5.60	4.95	
May	(3.23)	4.16		-100	2.55	2.25	4.80	2.15	2.70	0.50	
June	0.85	(0.40)		2.55	3.50	5.95	2.70	5.95	1.05	2.25	
July	2.94	(3.01)		5.45	3.80	4.00	3.30	3.55	1.65	4.05	
August	(3.83)	4.31		3.20	.75	6.95	0.00	7.40	3.60	8.90	
September	(1.56)	(4.64)		5.90	5.15	8.45	4.95	6.30	3.70	13.40	
October	(5.58)	5.34		7.20	5.20	1.20	1.15	4.40	10.85	6.50	
November	(4.79)	1.01		8.95	0.65	12.30	6.25	5.60	6.90	5.75	
December	(3.00)	6.64		10.25	8.30	11.75	3.60	10.10	7.45	6.15	
TOTALS	(38.20)	(43.57)	N.R.	100	46.35	74.70	56.15	71.55	54.95	69.70	

1941 up too much obstruction
 1942 June, July, Sept app. np. low. Gauge was repaired Dec 1941, & moved to a new site, but looks developed again.
 * 27" gauge supplied here, 1944.

43374 01504

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.
1949			Nantlle	1/2 ml		Talyfan	1/2 ml	

BRITISH RAINFALL ORGANIZATION

Station No. 4364

RAINFALL at hantle (Donoltee Quarry)

51

County of Down Observer Donoltee State Quarry Co. Ltd.River Basin B. New Straths Donoltee State Quarry Co. Ltd.Type of Gauge OctaparkAnnual Average 61.0 in. based on 11 years obs. un-weighted. Period of average Ref. 86.637" 63.39 " " 26 " " within 1916-57 " " 1916-50 15File No. 814.157 127

Diameter ...	5"				5.9	8.62			5"		
Height ...	2' 0"					1			2' 5"		
Altitude ...	300'					51			~400'		
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	7.20	8.45	3.45	4.95	4.90	5.00	9.75	7.85	6.10	11.00	
February ...	8.85	1.60	4.95	6.25	3.46	0.75	7.00	8.85	1.90	10.95	
March ...	5.85	4.75	1.20	6.85	2.55	2.55	6.30	0.75	4.55	2.00	
April ...	2.95	4.50	5.00	1.65	4.30	0.95	.55	1.25	4.95	5.05	
May ...	2.70	3.10	8.60	5.75	5.35	2.65	3.15	7.10	0.90	1.80	
June ...	1.15	4.05	3.90	5.75	7.00	3.10	1.25	5.40	1.80	4.10	
July ...	1.80	2.65	6.45	4.80	0.85	5.80	9.45	4.85	3.15	4.60	
August ...	9.00	5.15	3.55	5.00	1.40	11.60	8.00	4.00	0.35	6.15	
September ...	10.25	3.70	6.00	6.90	3.90	4.50	8.15	9.80	0.70	7.70	
October ...	0.90	5.00	5.55	3.25	4.20	5.45	8.10	5.70	8.15	5.60	
November ...	10.25	5.20	8.75	2.30	2.75	2.65	3.10	3.95	14.65	14.15	
December ...	11.20	5.10	3.30	5.50	6.25	8.10	6.75	5.15	13.60	8.60	
TOTALS ...	72.10	53.25	55.70	78.95	46.90	53.40	71.55	64.65	60.30	81.70	
	M	M	M	M	M	M	M	M	M	M	

Inspected 8.12.59 by Mr. J. H. H. On wide terrace of quarry with 450' drop to N being again historic, but reasonable to all but NW-NE. Inspiring from slate surround (5' below rim). Rec standard installation. Belts not not producible because of interference.

Position of Station on Ordnance One-Inch map :

No. of Map.....

National Grid Reference SH(23)497532

Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction from gauge.
1948 1953			<u>hantle</u>	<u>2nd</u> <u>4.1.</u> NNW	<u>Talyssan</u>	<u>2nd</u> <u>4.1.</u> NNW

Summary of Earlier Records from 10-year Sheets :

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
	1910-11 imp. 1912-15 1916 imp. 1918 imp.	1920-21 1922 1923-28 1932	1931-37 1938 imp. 1939-40 N.P.	1941-42 ND 1943 NR 1944 imp. 1945-50 M	