

# RAINFALL AT

*Eigian Lake Dam Site*

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

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

County of *Carmarthen*

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

Observer *J R Gething Jones*

*Conway TC-2.*

Diameter ...									5		
Height .....									10		
Altitude ...									1280		
Year ...	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ...									9.49	15.80	
February ...									8.03	12.80	
March .....									9.97	11.20	
April .....									4.00	8.60	
May .....									6.14	3.70	
June .....									5.32		
July .....									6.26	7.50	
August .....									7.83		
September ..									10.26	15.50	
October ...									3.86	20.60	
November ..									12.43		
December ...									10.99	19.80	
TOTALS ...									94.58	99.50	

1908 This is a new gauge site placed on the slope near the lake during the construction of the dam  
Talepapur Station 7 miles NE

RAINFALL at Lake Eigion, Dam SiteCounty of CarmarvonObserver A. G. Jack Esq (Aluminium Corp. Ltd.)River Basin Conway + 2Rain Gauge, by N + 2

Diameter ...		5									
Height .....		1	0				1	5			
Altitude ...		1245									
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...		2.12	5.90	10.25	7.87	11.88	8.15	3.79	9.22	7.69	
February ...		6.98	6.95	4.65	11.73	11.57	8.28	2.04	13.69	4.00	
March .....		3.27	11.22	8.02	12.52	2.31	4.18	4.54	4.00	9.29	
April .....		5.03	1.29	9.50	2.79	4.29	10.40	4.45	2.35	6.15	
May .....		3.85	2.17	4.65	7.14	2.92	5.38	4.57	6.14	3.16	
June .....		9.74	7.37	5.91	4.40	1.05	4.68	3.13	4.44	5.84	
July .....		2.23	9.71	2.16	6.52	6.46	4.22	2.89	6.48	3.54	
August .....		7.51	12.29	2.89	5.33	5.01	6.58	17.22	3.98	9.91	
September ..		7.95	3.54	5.71	5.13	3.60	6.42	4.03	16.71	6.49	
October ...		7.46	9.15	5.80	3.74	3.07	16.02	16.41	11.47	9.89	
November ..		10.41	8.33	11.53	10.98	4.50	10.03	8.87	7.47	7.40	
December ...		16.33	12.32	6.20	16.16	19.31	4.59	3.50	13.00	17.14	
TOTALS ...		82.88	90.34	77.30	94.31	75.97	88.93	75.44	98.95	87.18	

Gettin Jones says badly sheltered till 1912  
 1912 Bangalore 15 ft high 150 ft 5

Date.	Lat. N.	Long. W.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1911	52° 12'	3° 55'	Talycafn Llan Dolgoch	6 mi 5 m.	NE NE	Gaerhun	4 1/2 mi	NE

RAINFALL at Lake Ezigian (Damsite)County of CognacObserver H. J. Jack Esq.  
(for Ministry of Agric. & Forestry)River Basin Conway - 2Rain Gauge, by H. J.North Wales Power Co.

+A.

Diameter ...	5										
Height .....	1.5										
Altitude ...	1245										
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	MEANS.
January ...	10.76	9.98	9.98	9.55	7.05	6.85	9.01	8.57	15.23	2.17	
February ...	7.91	9.5	11.55	13.63	1.85	9.43	6.04	4.81	8.57	1.69	
March .....	9.98	10.39	6.59	3.98	1.38	3.17	2.54	11.68	6.09	1.03	
April .....	13.49	3.09	6.91	5.54	5.70	6.43	4.51	4.02	2.41	2.08	
May .....	9.42	4.03	2.22	6.82	9.17	6.24	7.32	2.57	2.41	4.51	
June .....	5.03	9.1	3.90	2.13	4.11	2.3	6.25	7.79	9.20	2.36	
July .....	15.06	4.83	8.80	2.96	7.60	3.98	7.07	5.78	2.49	4.25	
August .....	8.06	9.81	4.88	8.85	10.08	4.88	5.65	11.42	7.31	6.29	
September...	5.05	2.14	6.40	9.08	11.12	9.69	4.17	10.27	2.54	2.41	
October .....	5.06	3.66	2.91	13.72	6.40	10.88	5.31	8.77	13.80	10.92	
November...	5.14	7.26	7.22	12.29	4.19	5.27	10.39	9.25	12.90	15.10	
December...	8.61	12.58	17.65	10.25	13.06	6.50	2.10	2.91	6.82	15.20	
TOTALS.	1235.7	69.63	587.8	98.80	81.71	72.53	70.36	87.84	89.77	68.01	See next sheet

Banglow 15' 150' S.

1929. N. B. Row

1930 + Above states there are two gauges installed here and the data above 1920-1929 are the means of the two readings. Up to 1924 the gauges were of the ordinary type but in that year one of them was replaced by a Recording Rain Gauge who run is 4 ft above ground level. Both gauges are in good order for readings 1924 onwards from Standard gauge Ezigian A. See next sheet.

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
1920	52° 12'	3° 55'	Dolgarrag	1 m.	N.E.	Cathryn	4 m.	N.E.



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Lake Dan Lili

# RAINFALL at / Eigion A

Standard Gauge A.

County of CarmarvonshireObserver North Wales Power Co. Ltd.River Basin Conway - 2

Standard Rain Gauge, by

Diameter ...									5		
Height .....									1.5		
Altitude ...									1245	1244	
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	<del>1930</del> 1930
January ...					7.30	6.89	9.18	8.99	15.80	2.24	14.75
February ...					1.91	9.44	6.16	5.05	8.82	1.77	7.4
March .....					1.40	3.21	2.55	12.05	6.30	.91	3.60
April .....					5.78	5.49	4.54	4.17	2.50	2.13	4.54
May .....					9.24	6.32	7.49	2.66	2.45	4.68	2.80
June .....					4.25	.24	6.36	7.95	9.33	2.44	2.74
July .....					7.78	4.02	7.18	6.01	2.55	4.41	8.12
August .....					10.31	4.95	5.82	11.74	7.44	6.51	8.96
September...					11.39	9.81	4.30	10.51	2.58	2.49	7.34
October .....					6.50	10.89	5.59	9.10	14.11	11.38	14.85
November...					4.23	5.33	10.96	9.50	13.35	15.54	11.91
December...					13.24	6.56	2.20	2.95	6.80	15.95	10.87
TOTALS...	See previous sheet				83.33	72.15	72.33	90.68	92.03	70.45	90.72

Note. These are readings of a standard gauge known as Eigion A

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	Parish Church.	Distance from gauge	Direction

RAINFALL at Lake Egiaw (Dam Sia) (4A) 1924

County of Gannasoon Observer North Wales Power Co., Ltd.

River Basin A. Conway & Co.

Type of Gauge .....

Annual Average 58.5 in. based on 12 years obs. un-weighted. Period of average 1881-1915 Ref. 5  
672199/26

Diameter	5											
Height	1.5											
Altitude	1244											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	
January	8.25	15.23	9.95	10.26	4.27	13.10	11.63	12.23	14.56	2.64	10.72	
February	6.71	10.8	5.42	8.7	10.70	5.18	11.48	5.14	8.30	6.94	6.082	
March	1.42	4.66	4.57	5.03	1.97	5.41	3.90	4.86	7.91	6.37	4.610	
April	9.65	7.14	2.21	3.69	6.37	2.98	8.69	.99	5.50	5.45	5.267	
May	4.67	5.47	2.58	6.55	2.03	3.10	2.50	5.97	1.76	3.51	3.814	
June	5.75	3.37	7.87	2.36	8.47	8.21	3.92	12.67	5.23	2.11	5.996	
July	4.59	7.72	3.93	1.98	2.33	8.48	2.43	10.07	8.64	6.22	5.639	
August	11.02	2.05	2.40	10.54	1.73	2.00	2.49	3.45	2.44	2.26	4.038	
September	6.64	7.46	2.11	9.02	11.17	7.50	5.06	3.70	1.65	6.57	6.088	
October	3.53	12.31	10.27	12.66	14.95	8.03	5.36	14.18	7.30	10.26	9.885	
November	21.90	5.13	3.22	3.74	13.28	10.63	2.78	12.07	12.00	12.86	9.761	
December	5.85	8.50	1.40	14.38	8.84	15.34	5.80	9.27	7.90	6.04	8.032	
TOTALS	89.95	79.12	55.93	81.08	83.11	89.96	66.04	96.20	83.19	71.23	194.84	KH

1940 Jan part estd. 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	Parish Church.	Distance from gauge	Direction

Station No. T.F. 4350

RAINFALL at Lake Zigian (Dam Site) (T.F.)

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County of Carnarvon

Observer North Wales Power Co. Ltd

River Basin 2. Conway &amp; C.

British Electricity Authority Ltd

Type of Gauge

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

File No. 672199/26

Diameter	5				536	79						
Height	15					1						
Altitude	1244					41						
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means	
January	3.61	9.03	14.70	11.88	4.29	9.53	14.31	17.91	5.88	5.14		
February	9.08	4.83	7.30	3.04	6.34	13.01	1.55	6.94	5.85	11.02		
March	6.78	5.04	3.33	1.70	2.26	2.30	11.70	4.08	5.67	5.46		
April	2.64	3.95	3.55	3.07	3.79	2.07	10.32	4.10	7.86	7.33		
May	5.02	7.52	8.57	3.26	3.97	3.79	4.88	4.19	3.27	1.77		
June	0.93	0.49	6.25	4.06	4.79	7.08	4.74	12.57	0.89	2.48		
July	2.51	6.62	4.72	4.66	3.36	4.24	5.32	5.11	2.23	5.62		
August	7.67	8.98	8.74	3.48	1.86	3.82	0.67	8.65	2.44	9.78		
September	1.57	6.35	9.10	10.44	4.94	10.24	5.88	6.76	2.44	16.99		
October	6.91	8.40	7.46	11.88	6.96	2.13	1.27	4.77	12.76	6.87		
November	4.98	2.30	6.33	13.36	1.00	13.57	11.14	4.30	9.17	9.17		
December	4.84	10.99	4.92	10.32	5.43	11.25	5.46	14.40	13.02	5.76		
TOTALS	56.54	74.50	84.97	81.15	48.99	87.97	77.24	93.68	73.46	87.39		10
	D	P	NP	2 NP	NP	NP	D, NP	D, NP	NP	D, NP		

1943 n.p. low 1944 n.p. low 1945 n.p. low 1946 n.p. low  
 1947 n.p. low. 1948 n.p. low.  
 1949. 52. Engineer states - no better site within easy reach of houses.

(Recording gauge maintained. Record not received since)

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. 4350

TF60

RAINFALL at Lake Figan (Dam Site)

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County of Leicestershire

Observer Central Electricity Authority

River Basin 2 - Lough L.

Type of Gauge

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

" " 30.12 - " 36 - " with 1916-57. - " 1916-57 E 1962/56

File No. 107219912

Diameter ...	5"				536	179					
Height ...	1' 5"					1					
Altitude ...	1244					51					
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	6.51	9.75	2.57	6.71	6.50	6.20	12.63	10.93	9.55	13.13	
February ...	7.81	3.31	2.66	6.66	3.99	1.01	10.37	16.22	2.15	11.94	
March ...	10.13	3.85	3.61	6.92	3.44	4.73	7.04	2.34	5.17	2.75	
April ...	5.69	4.61	6.75	1.90	3.78	2.87	.97	2.30	8.26	6.20	
May ...	3.69	3.22	4.49	6.64	9.43	2.25	4.86	9.90	1.86	2.97	
June ...	3.28	5.42	3.09	4.85	6.36	4.63	1.61	4.50	2.81	4.47	
July ...	3.75	2.95	6.24	8.74	1.41	11.06	10.94	7.41	4.52	8.48	
August ...	9.13	6.25	6.11	8.48	1.48	12.36	11.93	5.22	1.44	5.83	
September ...	10.12	9.81	8.47	9.79	4.15	5.86	13.25	10.82	0.78	6.35	
October ...	2.12	12.52	3.76	16.35	6.22	6.48	10.40	6.71	11.47	6.45	
November ...	14.65	5.98	10.52	16.86	4.07	4.22	4.73	3.67	13.86	20.89	
December ...	15.47	8.25	3.67	7.93	8.44	9.14	7.25	5.65	18.46	8.86	
TOTALS ...	72.35	75.94	61.94	101.83	59.21	70.81	95.98	86.67	81.23	98.32	
	2	d	d	d	d	d	d	d	d	d	

Inspected 24.4.52 Mr. Deeks. Gauge looks satisfactory. Site of SW, in deep valley running SW-NE. Recommended repairs & move above keepers cottage where site better of NE. Build Tuff wall.

1957 Aug-Sept app'd.

Position of Station on Ordnance One-Inch map :

No. of Map 107

National Grid Reference 23/726667

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	1911-19	1920-30	1931-40	1941-50	1951-60
D, or d	1911-19 1912- 1913-19 D	D	D	1941-42 D 1943-50 ND	