

RAINFALL AT *Pelindaba Dam Reservoir**Swansea**Glanwgan.*Observer *Ed. L. Williams*

Rain { By.....

Gauge { Diameter.....

8 in.Height above Ground, *3* ft.....in.Above Mean Sea Level *420* ft.*Loughor - 1.*

YEAR.....	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January.....							6.56	6.41		6.61	
February.....							5.12	3.46		6.32	
March.....							4.25	4.27		2.34	
April.....							1.97	5.09		3.22	
May.....							1.39	4.10		4.88	
June.....							4.27	1.40		.92	
July.....							2.65	3.90		1.84	
August.....							5.61	3.06		2.19	
September.....							11.54	5.14		8.28	
October.....							3.36	7.85		4.90	
November.....							5.83	2.01		5.15	
December.....							5.05	3.68		5.47	
TOTALS.....	(114.50)		56.94	55.16	41.61	44.54	57.60	50.37	53.35	52.12	52.69

Annual total 1868 read 1.20 added 1K. 22 from table with G.R. collection.

1885 Feb 28th Mr. Myrill wrote - "these gaugings were I understand taken at Correg Lloyd about a mile west of the present site the height above sea-level being about the same -

RAINFALL AT *Felindre Linn Reservoir*

Lat.

Lon.

County of *Glamorgan*

Rain Gauge, by.....

Observer *E Cousins Esq**Loughor - 1.*

Diameter8											
Height	3											
Altitude	420.											
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.	
January.....	3.37	4.41	9.48	8.40			4.87					
February	5.79	3.54	6.87	1.61			6.49					
March	3.47	2.30	6.42	4.35			4.40					
April.....	1.51	5.85	3.19	4.45			3.91					
May	3.36	1.87	2.04	4.33			4.2					
June.....	1.90	2.02	6.51	2.55			3.00					
July.....	1.49	7.60	5.63	4.96			3.72					
August.....	3.74	2.54	4.11	7.94			6.24					
September.....	2.71	5.02	7.06	4.86			7.74					
October.....	1.14	8.86	9.05	4.82			8.02					
November.....	4.41	1.89	10.72	3.46			6.11					
December.....	1.57	4.45	10.32	3.21			12.42					
TOTALS	40.46	49.35	81.40	50.94	47.67	59.85	67.34	62.50	56.14	57.73	57.338	

1874-5, 1877-79 totals only recd. 20 inches H. 22.
from State (MS) to R. Robinson.

1874 No observations during the missing years.
1875 NR

RAINFALL AT

Fellindre, ^{Lower} Llyn Reservoir

Lat.

Lon.

County of

Glamorgan

Rain Gauge, by

Observer

R. H. Wyrill Esq. C.E.

Loughor to - 1.

Diameter				8							
Height				1.6				1.3			
Altitude				4267							
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January				5.20	7.10	4.57	6.82	5.62	3.35	2.44	
February		2.15		7.04	5.38	5.35	1.40	1.43	1.11	3.43	
March		5.82		1.54	5.78	2.91	6.87	2.81	4.81	3.50	
April			7.12	1.42	2.23	5.00	3.67	1.39	2.22	2.73	
May			2.07	2.07	3.05	4.44	5.27	2.41	2.99	2.54	
June			4.36	4.58	3.67	6.78	1.20	.84	5.00	.34	
July			7.34	4.53	5.27	2.62	6.52	3.11	7.71	4.17	
August			5.88	2.22	3.66	2.56	2.88	2.41	5.14	4.42	
September			4.91	8.55	4.09	9.28	6.10	4.14	2.77	2.76	
October			8.43	5.89	3.77	6.20	9.47	4.03	2.65	5.19	
November			7.77	6.88	3.20	7.06	6.89	4.98	9.61	3.06	
December			6.12	3.16	8.57	2.59	6.11	3.79	6.46	5.17	
TOTALS	63.03	51.00	64.06	53.08	55.77	59.36	63.00	36.96	53.82	39.75	

1880 red. 2.20 (8 ft. column) ant. 11.22

1883 Shed 10 ft high 40 ft S.W.

Llangefelach Church 2 $\frac{3}{4}$ miles S

RAINFALL AT

Lough Linn Reservoir

Lat.

Lon.

County of

Glannon

Rain Gauge, by

Observer

R. H. Wynn Esq. C.E.

Lough Linn - 1.

Diameter	8										
Height	1.3										
Altitude	426 J ⁿ										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	7.22	4.98	3.51	2.80	6.21	5.95	2.21	2.95	3.87	7.35	4.705
February	1.93	.22	2.29	6.93	4.87	.13	1.44	6.44	2.93	4.60	3.178
March	3.14	1.57	1.35	.98	3.45	5.17	5.47	6.76	1.79	2.11	2.179
April	2.45	5.15	2.04	.16	2.50	2.92	1.38	5.04	3.16	6.05	3.085
May	3.54	3.92	1.86	2.97	4.45	.34	.09	1.77	3.94	3.60	2.648
June	4.64	2.77	2.26	2.31	3.47	1.03	2.22	4.98	3.68	2.07	2.943
July	4.86	2.90	2.65	5.07	6.09	5.60	4.06	2.77	1.43	2.47	3.490
August	3.99	10.49	4.94	4.63	6.14	6.30	2.56	8.29	4.72	1.58	5.364
September	3.06	5.50	4.95	3.38	2.05	1.72	9.35	7.19	3.14	3.41	4.275
October	5.09	13.84	4.74	7.35	8.58	4.38	5.61	2.59	7.88	4.33	6.439
November	8.21	5.55	4.77	3.73	7.47	7.29	1.51	4.52	4.47	3.68	5.120
December	1.44	9.19	3.45	6.76	5.49	4.61	10.69	8.31	7.53	3.99	6.116
TOTALS	49.57	66.08	38.81	47.07	60.77	45.44	46.59	61.61	48.54	45.24	50.972

RAINFALL AT

^{Lancaster}
Felindre, Llanfair Rannoch

Lat.

Lon.

County of

Flamorgan

Rain Gauge, by

Observer

R. H. Tyrell Esq. & Co.

Longhor - 1.

Diameter ..	8										
Height	1 3										
Altitude ..	426										
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	7.92	3.47	2.55	6.45	7.08	2.02	8.37	3.09	4.20	2.33	4.748
February ..	7.09	2.33	1.86	3.46	6.25	1.98	4.37	2.79	3.16	.58	3.387
March	1.10	3.05	4.02	8.67	2.73	6.91	3.91	2.19	5.17	6.02	4.377
April	2.36	5.01	3.35	3.28	4.10	5.47	1.70	4.59	3.41	3.71	3.698
May	3.57	1.66	3.17	4.25	4.14	.76	8.53	4.17	3.86	1.91	3.602
June	4.78	4.50	4.38	1.52	2.21	3.75	4.23	6.99	1.43	2.80	3.659
July	3.21	2.00	3.09	3.63	3.76	2.75	2.60	3.37	5.60	3.85	3.386
August	4.73	6.74	3.01	8.28	5.37	8.08	5.45	6.89	6.94	2.40	5.809
September ..	2.39	4.08	3.12	6.75	4.98	2.19	2.17	1.63	3.90	5.01	3.622
October	7.92	5.19	5.19	13.72	4.83	2.76	10.05	9.42	3.22	8.70	7.100
November ..	5.58	1.66	6.20	3.78	4.58	5.40	5.25	4.33	3.41	2.12	4.231
December ..	7.56	8.33	4.78	4.22	4.92	1.95	4.21	6.55	6.69	9.91	5.912
TOTALS ..	58.41	48.02	44.72	68.01	54.95	44.02	60.84	56.01	50.99	49.34	52.581

H. H.

RAINFALL at Felindre Lower Llyn ReservoirCounty of GlamorganObserver R. H. Wyllie Esq. Ch.River Basin Loughor 1Lt. G. R. Collinson R.E.

Rain Gauge, by _____

Diameter ...	8											
Height	1 0											
Altitude ...	426 T											
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.	
January ...	5.16	1.88	6.19	7.88	3.36	5.34	4.23	2.35	5.50	7.14		
February ...	5.71	4.41	4.38	2.10	6.19	8.64	5.88	2.41	3.88	3.62		
March	1.72	2.98	7.38	7.24	8.66	1.56	2.22	2.36	2.43	6.35		
April	3.14	3.44	.39	6.98	1.76	2.33	2.47	1.93	2.38	2.11		
May	2.22	1.35	2.05	3.93	3.15	2.77	3.50	3.05	2.16	1.82		
June	4.12	4.21	8.50	3.10	1.97	3.04	3.74	3.01	2.35	2.61		
July	5.37	.38	4.36	1.03	6.26	6.00	2.16	4.32	6.32	1.08		
August	7.91	3.72	13.32	1.45	5.64	2.75	3.95	10.39	2.88	3.21		
September ..	.34	3.41	.99	4.67	3.41	2.34	3.95	3.34	9.69	3.24		
October ...	4.85	4.15	6.11	6.73	2.93	4.61	12.13	7.81	4.79	2.58		
November ...	6.36	7.07	4.86	8.79	5.45	3.85	5.04	4.22	4.36	3.39		
December ...	8.84	11.66	9.27	3.13	9.16	10.40	4.42	1.29	9.65	9.02		
TOTALS ...	55.74	48.66	67.80	57.03	57.94	53.63	53.69	46.48	56.39	46.87	54.423	

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1919	51° 42' 43"	5° 57' 17"	Marneton					

RAINFALL at Felindre (Lower River Res.)County of Glamorgan.Observer L. G. R. Collinson B.E. C.E.River Basin Loughor 1L. Collinson F. Herbert C.E.Loughor Rain Gauge, by _____

Diameter ...	8"										
Height	1.3										
Altitude ...	427										
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	Mean 1930.
January ...	7.79	6.79	4.42	3.46	6.41	3.78	8.43	6.20	11.78	3.67	8.69
February ...	2.05	1.10	6.40	9.74	1.73	7.69	6.18	5.18	5.69	1.81	0.71
March	6.18	4.80	3.74	2.72	2.62	1.25	9.4	5.33	5.21	2.02	3.41
April	7.74	1.22	3.70	3.61	3.99	4.11	2.59	2.12	1.78	1.14	3.24
May	4.36	2.15	2.59	3.44	4.28	6.00	2.88	2.30	1.60	4.27	2.52
June	3.56	.88	1.71	1.00	3.54	1.00	2.79	4.67	5.82	2.99	2.04
July	8.21	2.54	7.76	3.74	6.91	2.76	3.28	6.12	3.56	3.86	5.29
August	3.09	5.79	5.09	6.06	7.01	6.68	5.84	6.73	6.56	3.73	7.99
September...	5.31	2.83	6.35	5.80	6.18	4.34	1.36	7.30	2.29	.99	5.61
October	6.25	2.25	1.72	7.75	6.72	6.74	3.83	3.85	10.58	7.35	8.80
November...	2.71	4.93	2.73	4.83	4.56	3.92	9.91	6.04	7.63	13.61	4.95
December...	6.21	3.35	6.29	6.59	8.68	3.86	.55	4.63	5.95	10.24	7.91
TOTALS...	63.46	37.75	52.50	58.74	61.63	51.13	48.58	60.47	67.45	55.68	61.16
	D	D	D	D	D	D	D	D	D	D	D

1930. G. read 9 a.m. in dimmer." " 10 " " summer.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	51° 43' 3" N	3° 57' 3" W	<u>Blounton</u>					
1921.	51° 42' 43" N	3° 57' 17" W	<u>Blounton Tower</u>	2.8	SE x E	<u>Clungfildan</u>	2.71	S.

RAINFALL at Felindre (Lower Sliv Reservoir.)County of Glamorgan.Observer St. Col. F. Herbert, C.E.River Basin Loughor.W. Hasall Esq. (1914)Type of Gauge Annual Average in. based on years obs. un-weighted. Period of average Ref.

666267/26

Diameter	8.											
Height	1.3.											
Altitude	426.											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	
January	5.18	7.29	3.90	6.27	1.07	7.24	8.11	6.75	7.14	4.60	5.85	
February	4.83	.02	5.15	.62	5.38	2.20	7.53	2.87	3.52	5.33	3.45	
March	1.12	2.75	3.32	3.73	1.02	3.78	3.14	1.33	1.92	4.27	2.63	
April	3.80	3.43	2.70	4.29	6.01	4.48	3.30	.11	4.09	3.04	3.52	
May	4.42	5.93	1.87	2.82	2.38	.87	2.75	5.27	1.02	1.49	2.90	
June	4.36	3.80	2.27	2.33	6.32	4.40	3.02	3.58	3.98	.68	3.47	
July	6.53	5.99	4.13	1.23	1.48	8.53	3.71	5.99	9.15	4.13	5.87	
August	4.50	1.31	1.57	4.13	2.18	2.31	1.12	4.24	4.41	.44	2.62	
September	3.49	6.32	2.07	5.45	6.79	4.34	3.99	2.49	0.90	2.88	3.72	
October	1.83	4.44	8.91	4.73	6.29	2.21	3.83	7.75	3.14	5.90	5.08	
November	10.45	4.04	1.57	1.95	8.58	6.70	3.57	7.36	11.71	10.44	6.67	
December	3.32	4.72	2.01	15.17	4.13	4.34	3.79	6.15	3.48	5.24	5.23	
TOTALS	53.83	55.09	39.47	52.72	51.63	51.40	47.86	54.09	54.76	48.44	50.29	

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.			Llydach J. Loughor	2.8 m.	S. E. x E.	Llangyfelach	2.71 m.	S.

Station No. T.F. 4033

RAINFALL at Felindre (Lower Mlws Res.)

41

County of Glamorgan Observer T. Hassall Esq. died 1942

River Basin Llangrann T. Pance Esq. A.M.I.C.E. (1942)

Type of Gauge M.O. 1946

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

File No. 666267/26

Diameter	8			497	893						
Height	1 3				1	1' 0"					
Altitude	426				41	416'					
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	4.04	5.89	8.13	5.22	3.76	7.11	5.12	12.68	2.94	2.28	57.17
February	6.14	4.3	3.11	1.58	6.29	4.87	.92	3.57	2.93	8.96	28.80
March	2.91	4.64	2.00	.55	2.42	1.78	10.58	3.42	3.47	3.57	33.34
April	1.40	2.17	1.57	4.27	2.69	1.52	4.68	2.65	4.23	4.42	29.60
May	2.41	7.22	4.31	1.88	3.54	3.68	3.81	4.32	3.89	1.98	37.09
June	1.08	.56	5.14	2.85	5.90	7.05	3.36	5.43	.90	3.45	33.70
July	4.21	4.61	3.94	2.59	4.50	3.53	6.07	3.91	1.98	7.27	62.66
August	6.66	5.04	6.31	3.71	4.81	9.14	.64	8.87	4.98	11.93	62.09
September	.50	4.42	7.00	5.67	3.92	10.50	3.14	6.91	9.59	11.35	56.00
October	4.96	5.18	5.96	7.68	5.19	3.41	1.50	6.38	11.02	4.91	56.19
November	2.78	.83	3.15	9.33	.77	11.14	8.07	4.47	8.41	8.43	57.38
December	4.16	8.13	3.65	5.57	8.09	6.59	7.39	10.86	6.42	4.35	63.21
TOTALS	41.25 D	49.14 D	54.27 D	50.30 D	51.88 D	70.37 D	55.28 D	73.47 D	53.76 D	72.90 D	573.22

1944. n.p. loc. Fair stables - gauge badly sited, overhauled by R.C. kept house 30' N., a few trees 20' S. Proposed to be
 1945 n.p. loc. (W.R.) gauge further west or similar altitude.

19/12/45. N.W. up 100 ft. N.

19/46 Recd from new gauge.

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

Air Ministry, Meteorological Office

TFT6

Station No. T. F. 4033

RAINFALL at Felindre (Lower Llan Res.)

County of Glamorgan

Observer J. Price Esq. M.A. CE.

River Basin 1 - Loughor

Type of Gauge M.O.

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

" " 62.12 - " " 11 - " " 1946-48 - " " 1916-56 File No. 666267/26

Diameter ...	8"				497	893					
Height ...	1'-0"					1					
Altitude ...	406'					51					
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	8.58	7.95	2.23	4.55	4.63	7.85	5.66	5.98	5.87	7.60	6030
February ...	5.89	1.42	4.49	6.25	2.83	0.70	5.87	7.13	.80	5.95	4133
March ...	6.45	5.18	4.66	4.85	3.69	2.30	7.24	1.66	5.89	2.67	4459
April ...	4.40	4.54	4.18	1.73	6.60	1.37	0.66	1.47	5.29	5.41	2465
May ...	3.48	4.44	3.76	4.41	5.17	2.36	2.80	4.87	1.38	2.51	3518
June ...	1.55	4.65	3.14	8.52	8.47	4.10	2.15	5.77	4.70	2.82	6169
July ...	1.40	2.33	8.34	7.69	4.09	5.05	4.99	6.62	4.01	8.23	5275
August ...	9.45	7.14	6.35	7.53	1.39	7.37	5.49	6.30	1.92	6.83	5977
September ...	6.44	3.12	7.61	7.49	3.93	7.88	9.97	11.69	P3	7.28	6651
October ...	1.32	5.71	5.06	2.46	3.85	2.31	6.37	6.54	9.10	8.19	6091
November ...	11.88	5.55	6.49	12.91	5.07	1.67	2.88	5.31	11.62	12.45	7583
December ...	5.66	5.62	2.17	6.07	9.10	6.01	4.74	6.81	12.51	7.03	1572
TOTALS ...	66.50	57.65	58.48	84.70	57.72	48.97	58.82	69.67	64.12	76.97	64366
	D	D	D	D	D	D	D	D	D	D	

1959 Suspected Mr. O'Kane. 18 (7/59) Overexposed N.W. & W.S.W. Reasonable shelter not available. Gauge hoped to be moved towards path & surrounded by turf wall.

X

Position of Station on Ordnance One-Inch map:

No. of Map

National Grid Reference 3N(22) 649034

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

Summary of Earlier Records from 10-year Sheets:

	1910-19	1920-30	1931-40	1941-50	1951-60
Record D, or d	✓	✓	✓	✓ 4905 a.p.	✓
	✓	✓ except 20 & 25	✓ except 32	✓	

FRB/M.036