

RAINFALL AT *Felindre upper Lliw*

Lat.

Lon.

County of *Glamorgan**Loughor &c - 1.*

Rain Gauge, by

Observer *R. H. Wyrill Esq C.E.*

Diameter . . .												
Height												
Altitude . . .												
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.	
January . . .								4.82	3.31	1.84		
February . . .								1.32	.93	2.96		
March									4.68	2.94		
April								4.50	1.83	2.62		
May									3.36	2.90		
June90	4.68	.38		
July								3.56	9.20	3.46		
August								1.62	4.68	4.20		
September . .								6.15	2.06	2.59		
October								3.76	2.38	4.87		
November . . .								5.72	8.39	3.27		
December . . .								3.79	5.67	3.93		
TOTALS . . .								36.14	51.17	35.96		

RAINFALL AT Felindre Upper LlivLat. 51° 44' 5"Lon. 3° 56' 16" W County of Glamorgan

Rain Gauge, by

Observer

R. H. Wyllie Esq C.E.Loughor &c - 1.

Diameter											
Height											
Altitude			600								
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	7.24	4.81	3.83								
February	1.86	.14	2.35								
March	3.52	1.55									
April	2.49	4.99									
May	2.96	3.67									
June	4.56	3.02									
July	5.38	3.15									
August	4.16	10.37									
September	2.65	5.92									
October	4.66	14.63									
November	8.41	5.52									
December	1.62	9.72									
TOTALS	49.51	67.49	44.25	52.45	69.23	51.96	54.34	66.96	57.49	50.16	

1892-1907 recd. (P.T. 1/2 Collection) 2.20. enc'd. X.22

RAINFALL AT Felindre Upper Llyn Reservoir

Lat. _____

Lon. _____

County of Gloucestershire

Rain Gauge, by _____

Observer

R. H. Wyllie Esq C.E.Loughor - 1.

Diameter ...									8		
Height									10		
Altitude ...									610		
Year ...	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ...									5.70	2.66	
February ...									3.62	.85	
March									5.46	7.00	
April									3.42	4.36	
May									4.52	2.41	
June									2.02	3.02	
July									7.21	5.56	
August									7.82	2.59	
September ..									4.32	5.31	
October ...									3.38	12.09	
November ..									4.13	2.44	
December ...									7.38	11.57	
TOTALS ...	66.12	54.41	50.09	73.75	61.52	49.87	65.43	66.49	58.98	59.86	

1900-07 used 11.20 inches of 22 (at least only) 38.

RAINFALL at Felindre Upper Llan ReservoirCounty of GlamorganObserver R. H. Wyllie Cl.
Lt. & R. Collinson.River Basin Loughor

Rain Gauge, by _____

Diameter ...	8										
Height	10								15		
Altitude ...	616								600		
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	5.81	3.01	6.47	8.81	4.53	6.40	6.16	2.78	6.74	9.15	
February ...	6.32	6.63	4.92	2.69	6.90	9.91	7.03	2.54	5.46	3.78	
March	2.07	3.76	9.37	8.57	9.68	2.16	2.23	3.02	3.02	7.65	
April	3.56	4.89	.51	7.83	2.15	2.94	3.24	2.84	2.73	2.58	
May	3.04	1.79	2.73	4.28	3.72	3.07	3.82	3.68	2.59	2.32	
June	4.58	4.73	8.78	4.90	2.24	2.91	4.70	3.85	2.69	3.55	
July	6.32	.65	5.58	1.51	6.52	7.01	2.86	4.79	6.96	1.53	
August	9.78	5.46	13.15	2.12	7.42	2.85	5.11	12.32	3.40	3.96	
September ..	.45	4.43	1.39	4.34	3.71	2.28	4.34	4.21	11.81	4.15	
October ...	5.17	5.43	7.44	7.20	3.46	4.65	14.30	9.62	7.08	3.07	
November ..	6.54	8.68	6.22	10.52	6.85	4.32	6.52	5.25	5.17	3.97	
December ...	9.65	13.30	11.31	4.29	10.25	11.98	5.91	1.74	12.37	11.08	
TOTALS ...	63.29	62.76	77.87	67.36	67.46	60.58	66.22	56.64	70.02	56.82	64.902
	3	3	3	3	3	3	3	3	3	3	

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
	51° 44' 5"	3° 56' 16"	Monistion					

RAINFALL at Felindre, (Upper Llic Res.)County of GlanorganObserver T. E. R. Collier C.E.River Basin Loughor - 1Inspector F. Hibbert C.E.Llanedra Rain Gauge, by _____

Diameter ...	8"										
Height	1.3										
Altitude ...	600							599			
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	Mean 1930
January ...	16.80	10.04	5.91	4.54	7.01	4.64	9.92	7.44	15.23	3.76	10.10
February ...	2.98	2.8	7.36	11.25	3.2	8.74	7.54	5.40	7.84	1.89	7.0
March	8.03	6.92	4.41	3.05	2.95	1.35	1.33	6.28	5.77	2.35	3.70
April	8.57	1.58	3.64	4.90	4.82	4.53	2.83	2.54	1.96	1.46	3.78
May	5.56	3.12	3.30	3.97	4.76	7.50	3.38	2.86	8.5	5.53	3.30
June	4.56	.86	2.17	1.56	5.42	.01	3.28	5.78	7.21	3.63	3.18
July	10.65	3.52	8.95	4.49	8.03	3.27	4.08	8.27	5.50	4.98	5.89
August	3.28	8.09	6.05	7.56	8.71	9.44	7.21	8.92	6.92	5.76	8.71
September...	7.03	3.34	6.87	6.93	9.42	5.27	2.26	9.23	2.55	1.19	6.54
October	6.78	2.75	2.33	9.62	8.91	8.68	4.43	5.47	12.52	9.00	10.42
November...	3.55	5.36	3.33	6.55	4.67	3.78	10.71	8.00	10.81	15.96	6.78
December...	7.43	5.72	7.69	7.49	10.35	4.63	.67	4.86	6.97	12.64	9.08
TOTALS...	79.7	75.1	58.6	20.1	71.9	75.8	61.8	57.6	75.0	84.1	72.1
	D	D	D	D	D	D	D	D	D	D	D

1930. G. read in Winder 9 a.m.

" " Summer 10 "

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 from gauge	Parish Church.	Distance from gauge	Direction from gauge
1920	51° 44' 35"	165° 55' 55"	Merston					
			Hydebrook	3.5 mi	SE.	Hydebrook	3.29 mi	SE.

RAINFALL at Helindale (upper Stur Reservoir)County of GlamorganObserver St. Col F. Herbert, C.E.River Basin 1- LoughorJas. Hassall Esq. (1934)Type of Gauge (+A)

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

Ref.

666 267 / 26

Diameter	8.										
Height	1.3.										
Altitude	599										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	5.91	9.43	4.81	7.55	1.27	7.69	8.79	8.19	7.50	4.97	6610
February	5.82	.04	6.30	72	6.35	2.49	8.19	3.02	4.72	5.70	4355
March	1.21	3.13	4.07	4.34	1.23	4.14	2.94	1.54	2.39	5.24	3023
April	4.24	4.07	3.36	4.27	7.16	3.92	3.77	.17	4.76	3.21	3893
May	4.98	6.93	1.75	3.37	2.23	1.23	3.03	6.05	1.03	1.59	3219
June	5.62	4.11	2.96	3.16	7.93	5.30	4.62	4.63	5.27	.94	4454
July	8.63	6.22	4.51	1.29	2.08	8.93	4.32	6.92	12.18	4.49	5957
August	5.19	1.43	1.95	5.48	2.62	3.42	1.97	5.43	4.37	.67	3212
September	4.12	8.08	2.28	7.11	8.54	4.77	4.64	2.78	1.01	3.17	4650
October	2.78	11.10	10.03	5.97	7.93	2.90	4.50	9.90	3.43	7.13	6667
November	11.89	4.74	1.66	2.19	9.52	6.90	4.20	9.01	13.59	12.13	7583
December	4.21	5.53	1.97	17.05	4.31	5.08	4.16	6.85	4.50	5.81	5944
TOTALS	64.60	64.81	45.65	62.50	61.37	56.76	54.73	64.49	64.75	55.05	5947

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.			Helindale & Loughor	3.5 m.	S.E.	Helindale & Loughor	3.39 m.	S.E.

Station No. T.F. 4034

RAINFALL at Felindre (Upper Mine Reservoir) ✓

41

County of Glamorgan

Observer

J. Hassall Esq. died 1942

River Basin 1 - Loughor

T. Price Esq. A.M.I.C.E. (1942)

Type of Gauge

+A)

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

File No. 6.6.6.2.67/26

Diameter	8				497	879						
Height	1	3										
Altitude	599		X			41	↓					
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means	
January	4.05	7.06	8.76	6.46	4.09	7.19	(5.40)	(13.50)	3.24	2.70	6.245	✓
February	6.67	41	3.43	1.33	7.92	5.00	(1.00)	(3.70)	2.86	9.34	4.226	✓
March	3.07	4.76	2.22	.50	3.06	1.95	(11.10)	3.75	3.40	3.85	3.766	✓
April	1.37	2.03	1.71	4.25	3.21	1.93	(4.90)	2.51	4.40	5.07	3.138	✓
May	3.01	8.60	5.19	2.13	3.88	3.35	(4.00)	4.95	3.73	2.03	4.093	✓
June	1.56	.92	5.88	4.04	6.82	7.86	(3.50)	6.43	.75	4.21	4.197	✓
July	5.20	6.13	5.33	3.67	4.69	4.03	(6.30)	4.59	3.98	7.70	5.162	✓
August	8.12	6.02	7.79	3.73	4.90	9.20	(.70)	9.87	5.04	13.49	6.899	✓
September	.50	4.75	7.65	7.00	6.21	10.95	(3.40)	8.56	2.35	12.91	6.428	✓
October	6.28	6.56	6.15	8.38	6.41	3.23	(1.60)	6.88	11.03	5.31	6.243	✓
November	3.46	1.04	3.78	10.86	.85	10.96	(8.40)	4.99	8.71	8.91	6.176	✓
December	5.05	10.04	3.39	6.77	8.14	5.93	(7.70)	10.76	7.40	4.44	6.969	✓
TOTALS	48.34	58.32	61.28	60.44	60.18	71.58	(58.00)	80.49	56.89	79.96	63.54	
	D	D	D	D	D	D	n.p.	D	D	D	D	

1944 Engr states:— gauge fairly well sited, tho' subject to over-exposure faults with high wind. Best site available.

1941 n.p. values from autographic gauge. Values increased by substituting values for L. L. 10.72

1945 Autographic gauge used at beginning of year only.

60004

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

Air Ministry, Meteorological Office

RAINFALL at Felindre (Upper Llyn Res')

Station No. T.F. 764034

County of Glamorgan

Observer L. Price Esq. M.L.C.E.

River Basin 1 - Loughor + A.

Type of Gauge H.O.

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

Ref. 5

66.48 " " " 11 " " 1947-48.

1916-50

File No. 666267/26

Diameter	...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January	...	8.44	8.02	2.51	4.49	5.05	8.66	7.01	5.89	6.62	7.90	6.462
February	...	5.97	1.47	4.88	6.84	2.97	0.71	6.43	7.46	1.03	5.99	4.375
March	...	6.91	5.61	4.61	5.32	4.14	2.42	8.28	1.92	6.21	2.68	4.810
April	...	4.86	4.72	4.21	1.97	6.38	1.48	0.76	1.70	5.41	5.37	2.686
May	...	3.66	4.70	4.45	5.07	5.19	2.66	3.26	5.11	1.67	2.57	3.834
June	...	1.93	5.19	3.44	8.92	9.35	4.88	2.46	5.69	4.73	3.08	1.857
July	...	1.47	2.40	9.25	7.85	3.72	5.59	5.71	6.93	5.03	9.20	5.745
August	...	10.64	7.87	6.74	8.19	1.54	7.82	5.88	6.93	1.64	6.55	6.380
September	...	7.05	3.33	7.45	8.74	4.12	8.39	10.61	13.32	8.5	8.33	7.219
October	...	1.67	5.87	5.35	14.34	4.23	2.50	7.23	6.80	9.72	8.18	6.589
November	...	11.64	6.27	6.94	13.06	4.92	1.73	3.07	5.77	12.26	13.11	7.867
December	...	6.03	5.77	2.31	6.64	9.13	5.97	5.03	7.24	12.29	7.69	6.804
TOTALS	...	70.30	61.16	62.44	91.43	60.74	52.01	65.73	74.96	67.46	80.65	68.638

1959 Insp. Mr. O'Kane (4/59) Satisfactory.

Position of Station on Ordnance One-Inch map:

No. of Map.

National Grid Reference **SN/22/662058**

[illegible]

Summary of Earlier Records from 10-year Sheets:

	1910-19	1920-30	1931-40	1941-50	1951-60
Record D, or d	✓	✓	✓	✓ 47 mp	
	✓	✓ Except 28	✓ Except 32	✓ Except 87	

PRB./M.Q.36