

RAINFALL AT

Ystradgynedd, ^{Tynhly} Fera Hospital

Lat.

Lon.

County of

Glamorgan

Rain Gauge, by

Observer

J.D. Jenkins Esq M.D.

2 1/2 - 6.

Diameter ..		5									
Height		1 0									
Altitude ..		590 I									
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	9.09	4.90	6.47	11.62	11.07	2.26	12.53	4.00	6.02	3.37	7.134
February ..	11.07	1.62	3.30	5.04	8.64	1.78	5.47	3.94	4.27	1.04	4.617
March	1.02	5.05	4.35	12.51	3.52	11.09	4.36	3.68	7.00	6.89	6.047
April	2.64	7.48	3.23	2.44	4.72	5.22	1.43	5.31	3.96	4.96	4.139
May	3.11	1.32	3.20	4.46	4.70	.26	6.11	4.56	4.24	2.38	3.434
June	3.95	3.43	4.07	1.74	2.25	5.99	2.67	7.64	.95	3.17	3.586
July	1.23	2.33	2.87	5.83	5.28	1.93	1.19	3.98	6.17	3.66	3.447
August	7.26	6.83	4.64	12.40	5.43	8.23	5.04	6.81	7.78	2.66	6.708
September ..	3.13	6.33	2.68	7.46	5.10	4.89	1.72	1.76	4.42	4.78	4.227
October	10.25	3.38	6.76	17.74	3.21	4.34	12.09	9.72	4.01	13.00	8.450
November ..	9.06	3.16	5.60	4.53	5.27	6.76	6.32	5.45	4.58	3.20	5.393
December ..	11.98	11.62	6.69	7.61	7.09	2.87	3.62	11.65	6.88	14.35	8.439
TOTALS ..	73.79	57.45	53.86	94.38	66.28	55.62	62.55	68.50	60.29	63.49	65.621

1901 House 30 ft high 35 ft N.W.

Hedge 4 " " 6 " S.E. + S.W.

1903 St Mary's Ystrad 1 1/2 miles N.W.

Ystrad Station 1/4 " N.W.

+ Inspected

RAINFALL at

Ystradgynedd Tyntyla Hospital

County of Glamorgan

Observer

J.D. Jenkins Esq M.A.

River Basin Taff 6

Snoddon Rain Gauge, by

Diameter ...	5											
Height	1 0											
Altitude ...	5907											
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.	
January ...	9.39	3.13	3.31	11.65	4.65	5.95	7.84	1.80	7.46	8.44		
February ...	9.57	7.78	6.53	3.51	11.31	11.58	9.60	1.55	5.55	4.85		
March	2.88	2.92	13.59	10.54	10.56	2.04	2.88	3.00	3.26	7.49		
April	4.20	4.37	.49	10.78	2.94	2.23	2.77	3.04	2.30	2.68		
May	3.35	3.23	2.07	3.47	2.58	3.23	2.89	2.78	1.33	.51		
June	7.14	3.61	7.57	2.69	2.00	2.28	3.91	2.32	1.56	1.22		
July	5.22	.28	5.78	.50	5.91	5.68	1.71	2.62	4.65	.53		
August	9.27	5.21	12.77	2.54	4.76	2.86	3.57	8.60	1.92?	2.51		
September ..	.23	3.83	.97	3.29	2.72	1.69	2.23	2.27	7.88?	2.10		
October ...	5.60	5.02	4.08	4.66	3.74	4.71	11.49	7.42	4.21	1.70		
November ..	8.36	10.94	3.99	9.54	6.57	3.76	6.09	3.56	5.03	3.08		
December ...	9.27	16.95	12.15	3.29	12.57	16.93	4.87	1.27	12.41	5.17		
TOTALS ...	74.48	67.27	82.30	66.49	70.21	62.94	59.85	40.26	57.56	40.08	62.144	✓
	7		D	7	7	D	D		D	D		

1919 "Gauge sheltered".

23rd Jan. 1920. Jenkins says Rainfall progressively reduced by interference of trees on sat. which have grown since D. Mills' inspection

+ Inspected

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1911	51.38.30	3.27.3	Plurynypia	1333 yds 2580 yds	S 43 ENE	Sr Johns	2253 yds 2000 yds	W 913 SSW

RAINFALL at *Ystradgynedy (Glynllŷfa Ho.)*County of *Glamorgan*Observer *J. D. Jenkins, Esq., M.D.*River Basin *Jeff. 6**Truodon Pott* Rain Gauge, by _____

Diameter ...	5										
Height	1.0										
Altitude ...	590										
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	Mean 1930.
January ...	6.71	6.88	4.30	3.07	5.83	6.26	9.22	7.06	14.42	2.43	12.16
February ...	1.79	1.3	6.07	10.26	4.3	9.44	5.48	4.42	7.37	2.19	0.68
March	5.37	6.55	4.15	2.14	2.57	0.73	1.36	5.90	6.33	1.63	3.02
April	7.98	5.6	2.51	2.58	4.43	3.24	2.35	2.31	1.48	1.51	3.27
May	3.59	2.91	1.18	1.86	4.14	7.99	2.01	1.60	0.57	4.25	2.22
June	2.54	.98	1.36	.81	2.80	.00	1.40	3.38	3.79	4.44	2.91
July	4.16	3.26	6.32	2.83	9.74	3.45	1.62	5.11	2.50	4.26	6.15
August	2.46	4.48	4.12	5.91	6.29	7.81	3.60	6.69	3.80	6.39	6.25
September...	2.41	2.22	3.87	6.35	7.19	4.01	1.10	6.60	1.09	1.50	6.32
October	3.96	2.34	2.11	8.56	7.05	8.53	5.06	6.18	12.83	8.72	9.77
November...	3.80	3.71	2.74	5.22	4.12	2.28	13.32	6.13	10.41	19.76	6.86
December...	8.84	4.01	7.74	4.65	10.52	5.24	.33	4.33	7.42	14.60	6.97
TOTALS...	53.6	138.03	46.47	54.24	65.71	59.08	46.85	59.71	72.01	70.68	66.58
	D	D	D	D	D	D	D	D	D	D	D

1926. Jelly. Aug. & Sept. Low readings due to shelling by trees.

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

" " 10 " " Summer.

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°38'30"	3°27'15"	Ystradgynedy	1337 yds.	S	St. John's	2433 yds.	W.

RAINFALL at Ystradygodwg (Llytla Hospital)
 County of Glamorgan Observer J.D. Jenkins, M.D.
 River Basin 6-5aff (J.D. Thomas, M.D.)
 Type of Gauge London

Annual Average 5.1 in. based on 24 years obs. un-weighted. Period of average 1881-1905 Ref 5

Selected 1940

778394/27

Diameter	5.										
Height	1. 0.						1' 2" 1	0			
Altitude	590.							560	590.		
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	5.46	12.14	4.77	7.55	1.08	6.93	8.99	2.76	11.69	5.68	
February	5.10	1.10	5.40	7.74	7.42	2.47	9.44	2.67	6.57	7.65	
March	.92	2.86	6.69	4.24	1.07	4.10	3.44	.51	3.40	6.32	
April	3.99	5.08	2.28	2.90	6.04	2.68	3.55	.36	6.16	5.54	
May	5.42	7.21	1.38	1.40	1.24	.88	1.15	6.68	1.52	2.38	
June	6.57	1.94	2.79	2.28	6.48	4.52	1.84	4.05	4.93	.83	
July	6.33	3.78	3.94	1.48	.97	8.01	5.23	5.48	18.63	6.78	
August	4.34	1.47	1.47	5.09	2.08	1.07	1.51	5.75	5.07	.69	
September	3.15	4.50	1.98	6.29	7.50	3.47	3.60	3.56	1.45	3.59	
October	1.30	10.02	6.22	5.20	6.70	2.68	3.08	11.62	4.89	10.91	
November	12.10	4.84	1.54	2.64	8.02	6.61	2.96	13.55	15.58	16.21	
December	3.81	4.21	1.76	13.46	4.66	8.24	4.17	7.49	4.80	6.53	
TOTALS	58.49	58.15	39.22	55.27	53.76	51.66	48.96	70.48	84.69	73.11	

Inspected 1937. Gauge sound and correct, but surrounded by trees.
 New site selected by Inspector. 15' from wall, but 2 trees must be lopped.

Record must not be printed for 1937.

1900 average has been deleted as it is not applicable to the readings from the gauge at the new site.

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
1931			Elwynia	1333 yds.	S.	St. John's	2433 yds.	W.

Station No. 4077

RAINFALL at Ystradgynedd (Fyntyla Hospital)

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County of Glamorgan

Observer Medical Officer of Health
(D.J. Thomas, M.D.)

River Basin 6-Taff

Type of Gauge Snowdon B.A. 1949

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

File No. 77839427

Diameter	5				490	410					
Height	10					1					
Altitude	590					4					
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	5.25	8.22	11.82	7.48	4.38	12.59	6.81	17.67	2.60	2.82	
February	7.64	6.0	4.48	1.61	8.83	8.44	1.66	4.76	4.8	13.40	
March	4.75	5.69	1.85	4.44	4.31	3.06	12.65	4.38	2.56	6.20	
April	2.28	3.29	2.24	4.91	3.74	2.29	6.82	3.16	6.05	5.14	
May	4.54	9.22	7.35	3.03	4.27	4.76	3.03	4.91	6.30	2.52	
June	1.95	35	5.27	4.09	7.02	7.95	3.57	8.23	10.5	2.75	
July	4.39	507	5.14	4.13	3.92	4.36	4.20	3.12	16.3	9.53	
August	9.27	6.62	6.89	5.82	4.06	11.95	5.55	8.31	4.27	13.41	
September	1.23	5.98	5.76	7.47	6.68	12.25	3.51	7.86	3.99	12.32	
October	6.43	4.93	5.44	9.34	8.13	1.36	2.51	7.20	13.99	3.88	
November	4.70	1.18	3.97	11.49	1.21	16.93	9.34	3.84	7.85	8.92	
December	6.44	8.94	3.76	5.11	11.82	8.31	7.45	11.96	9.15	4.03	
TOTALS	58.87 D	60.09 D	63.97 D	64.92 D n.p. low	68.37 D n.p.	94.23 D	62.10 D	85.40 D	63.62 D	84.92 D	

1944 n.p. low

Ref. and 25A, gauge moved, trees lopped but probably not enough. g. moved again 3/8/45 & readings improved (cf 4077/3/5).

1945 n.p. low.

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

No. of Map.....

Reference No. 71-994948

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge	Direction from gauge
1941			Wynypia	1,333 yd	S.	St John's	2,433 yd	W.

Air Ministry, Meteorological Office

RAINFALL at Ystradgynodwg (Fynntal Hospital) Station No. 4217
 County of Glamorgan Observer Medical Officer of Health
 River Basin 6-Laff
 Type of Gauge B.A.

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

File No. _____

Diameter ...	5"				490	410					
Height ...	1'-0"					1					
Altitude ...	590'					51					
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	10.31						100				
February ...	8.19						6.45				
March ...	7.55						9.27				
April ...	6.28						0.43				
May ...	3.19						3.29				
June ...	2.89						1.52				
July ...	2.26						7.90				
August ...	9.88						6.69				
September ...	7.02						12.62				
October ...	1.99						8.88				
November ...	15.00						3.17				
December ...	10.00						5.18				
TOTALS ...	(84.56) D						102 (65.41) Dap				

1951. Nov. Dec est m.o.36

1957 n.p. inc station restarted after lapse.

200 34

Position of Station on Ordnance One-Inch map: _____ No. of Map _____ National Grid Reference 21-994 948

Date	Lat. N.	Long.	Railway Station	Distance Direction from gauge	Parish Church	Distance Direction from gauge
1951			Llwynypia	1,333* S.	Llwynypia	2,433* W.

Summary of Earlier Records from 10-year Sheets:

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
	✓	✓	✓	✓	
	(1911 & 17 blank rest D)	✓	✓ (1937 n.p.)	✓ (1944-5 n.p.)	

PAB/MC36