

RAINFALL at Ystradfellte ReservoirCounty of BreconObserver D. M. Davies Esq (Neath R.D.B.)River Basin Neath - 3

Rain Gauge, by _____

Diameter ...								5			
Height								1.0			
Altitude ...							1147				
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...							11.91	3.36	7.42	9.69	32.32
February ...							9.62	1.61	8.45	4.68	24.36
March							2.28	3.49	4.42	9.62	19.81
April							5.64	2.24	3.38	4.29	15.55
May							3.97	4.26	3.04	2.55	13.76
June							4.85	4.25	2.65	4.39	16.14
July							5.71	4.99	10.84	1.69	23.23
August							6.12	16.95	4.08	5.22	32.37
September...							4.55	4.55	15.14	5.41	29.65
October ...							19.05	72.53	7.28	5.69	42.55
November..							8.22	6.94	7.21	5.39	27.76
December...							6.09	2.06	17.07	17.42	42.64
TOTALS ...							88.01	67.11	90.98	74.04	320.14

X 38

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.

RAINFALL at Ystafellte ReservoirCounty of BreconObserver D. L. Davies, Esq.River Basin Neath 3Water Eng. treath R.D.C.Rain Gauge, by N. 23.

Diameter ...	5												
Height	1.0												
Altitude ...	1147												
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 March	1920-3 Totals	
January ...	15.06	15.14	8.32	7.08	7.94	11.08	12.47	10.92	19.03	3.08	15.34	125.46	
February ...	6.65	3.4	11.47	16.30	8.7	14.95	8.17	6.79	12.73	1.92	1.15	81.34	
March	10.42	11.16	7.95	2.66	3.56	1.64	2.52	8.37	7.38	2.02	4.69	62.37	
April	13.56	1.92	5.19	5.43	7.43	5.89	4.51	3.55	2.94	.79	4.64	55.87	
May	6.51	3.71	2.46	4.97	5.92	9.45	4.70	3.62	.84	7.54	2.91	52.63	
June	7.10	7.5	2.50	2.07	5.15	.01	4.27	7.92	4.43	5.23	3.90	48.39	
July	12.03	5.93	9.52	6.26	8.55	4.11	5.02	8.24	5.57	6.01	8.72	79.96	
August	4.88	9.81	5.97	7.40	10.59	6.54	8.99	15.75	7.95	7.07	8.35	93.30	
September...	7.26	4.64	6.25	7.48	11.47	5.91	4.08	10.55	2.47	2.75	8.58	71.44	
October	7.16	3.70	2.59	14.55	11.13	11.72	6.91	9.72	13.91	12.08	13.51	106.98	
November...	5.75	5.05	4.18	7.77	5.29	4.80	17.61	9.66	19.22	21.37	11.44	112.14	
December...	12.39	10.32	11.25	8.38	15.47	8.26	.87	3.88	8.62	22.83	9.11	111.38	
TOTALS	108.77	72.47	77.71	90.35	93.39	84.36	80.12	98.97	110.09	92.69	92.34	1001.26	

Nothing seen.

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°49' N	3°32' W	Neisain	7 miles	S. by E.	Ystafellte	2 1/2 miles	S. by W.

RAINFALL at Ystradfellte ReservoirCounty of BreconObserver D.M. Davies, G.E.River Basin 3. FreshThe EngineerType of Gauge StandardAnnual Average 85.4 in. based on 7 years obs. un-weighted. Period of average 1881-1915 Ref. 5

Diameter	5.										
Height	1. 0.										
Altitude	1147										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	1881-1915 Means
January	7.55	16.34	8.16	12.87	2.64	9.06	13.94	14.39	11.86	3.58	100.39
February	7.04	10	9.89	7.9	10.15	3.29	11.24	4.92	8.82	7.31	63.55
March	1.24	4.03	6.86	6.17	2.78	4.72	4.07	1.46	3.87	7.66	42.88
April	5.29	6.73	2.84	5.62	10.47	4.45	5.35	3.0	5.06	5.14	51.25
May	6.47	8.16	2.01	5.52	2.13	1.61	2.00	5.85	0.87	2.02	36.66
June	7.32	2.52	3.47	2.67	9.77	5.08	3.32	6.07	5.95	1.20	47.37
July	7.82	7.06	6.90	3.34	1.87	11.49	4.48	6.39	15.27	5.75	70.39
August	6.81	3.48	1.94	7.19	3.45	1.93	1.70	5.94	4.80	.83	38.07
September	3.57	7.53	2.16	7.80	10.11	5.63	3.25	2.99	1.38	5.07	49.19
October	3.41	12.92	10.73	10.24	11.11	6.18	3.79	15.87	5.12	9.88	89.25
November	16.78	7.04	1.74	5.17	11.77	8.70	3.66	13.22	17.37	16.90	102.35
December	5.49	5.73	1.53	18.91	6.38	12.90	4.52	7.35	4.88	6.39	74.08
TOTALS	78.79	81.64	58.23	85.99	82.63	75.04	61.32	84.75	85.31	71.73	76.543

1936 Sheds 11' high 45 yds. N.E.

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.			Merwain	7 m.	S. x E.	Ystradfellte	2 1/4 m.	S. x W.

Station No. 4144

RAINFALL at Ystredfelle Reservoir

41

County of Brecon

Observer The Engineer (Neath R.D.C.)

River Basin 3 - Neath

Type of Gauge Snowdon M.O. 1342.

Annual Average 25.4 in. based on 7 years obs. un-weighted. Period of average 1881-1915 Ref. 5

File No. 312373/34

Diameter	5				494	759					
Height	10					1					
Altitude	1147					41					
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means 1941-50 1945-5
January	3.36	7.32	12.82	11.43	6.86	13.09	X 6.89	18.38	4.31	4.16	88.61
February	8.03	1.10	5.70	2.88	12.30	9.06	(1.94)	6.42	4.25	15.01	66.69
March	5.87	5.04	1.58	.69	4.50	2.79	13.28	5.64	3.53	5.10	45.04
April	1.84	3.30	2.88	4.62	5.11	2.49	7.29	3.89	7.62	7.52	46.56
May	4.55	9.32	8.06	3.97	7.11	4.34	3.22	4.49	6.30	3.22	54.58
June	1.81	37	8.02	5.88	10.75	10.43	3.90	8.66	.94	4.75	55.51
July	4.55	8.45	5.34	5.98	5.02	4.98	5.04	3.75	2.66	8.64	54.41
August	9.21	7.90	9.34	4.80	5.30	11.96	.85	10.98	4.36	12.00	76.70
September	.79	6.31	8.34	9.04	8.17	14.47	4.64	10.00	3.43	13.20	78.39
October	10.60	7.18	7.12	11.57	10.36	1.96	1.78	5.76	12.58	5.48	74.39
November	5.76	1.58	6.02	13.57	1.05	16.00	11.56	4.91	8.84	10.15	79.44
December	7.54	11.91	3.66	7.98	11.17	8.66	9.11	14.03	12.28	4.57	90.91
TOTALS	63.91 D	69.78 D	78.88 D	82.41 D	87.70 D	100.23 D	69.50 D	96.91 D	71.17 D	93.79 D	814.23

1941 Shed 11' high 4.5 yds N.E.
1942. New gauge set up on same site 18/4/42.

1947. Feb. used for snow

1950 Shed 11' high 4.5 yds N.E.

20004

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.
1941			Hirwaun	7½ mi	SE.	Ystredfelle	2½ mi	SW.

Station No. 4144

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RAINFALL at Ystradfellthi Reservoir

County of Brecknockshire Observer Engineer (Neath R.D.C.)

River Basin 3-Neath

Type of Gauge H.O. 3 in. 14 Nov. 1954

Annual Average 77.4 in. based on 12 years obs. un-weighted. Period of average 1881-1915 Ref. 8 PB 592

" " 80.71 " " 14 " " 1943-56 " " " " 1916-1950 5

File No. 312373/34

Diameter ...	5"				494	759					
Height ...	1' 0"					1					
Altitude ...	1147'					51					
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means Totals
January ...	11.42	8.56	2.58	X 4.17	6.70	10.88	13.51	7.77	8.88	11.19	84.66
February ...	7.41	2.04	4.13	7.47	2.80	.88	8.28	11.57	0.73	8.96	54.27
March ...	8.36	6.32	7.15	5.92	4.97	4.36	8.82	1.59	7.82	3.40	58.71
April ...	7.02	5.43	6.01	2.63	4.93	1.25	.76	2.31	7.96	6.79	45.09
May ...	3.91	5.82	5.41	4.38	7.16	2.46	3.75	6.65	2.25	2.29	
June ...	2.82	5.42	2.79	6.71	9.36	4.60	1.53	4.35	3.30	5.31	
July ...	2.56	2.83	11.05	7.44	1.60	6.60	9.05	7.24	7.84	10.51	
August ...	12.70	9.53	7.20	9.38	2.30	9.88	7.06	6.34	1.50	7.29	
September ...	7.38	4.51	8.84	11.06	3.95	7.51	12.31	13.33	0.83	7.13	
October ...	2.22	6.88	4.43	18.22	4.51	3.94	8.77	7.51	9.38	9.68	
November ...	14.80	5.34	8.83	15.64	5.39	3.09	3.80	4.48	11.01	19.64	
December ...	10.38	7.71	2.14	9.32	12.59	8.35	7.23	7.44	18.33	13.45	
TOTALS ...	90.98	70.39	70.56	102.34	65.26	63.80	84.87	80.58	79.86	105.64	
	D	D	D	D	D	D	D	D	D	D	

1950 Shed 11' high 45' above
1945 Stone wall 7' distance - 30' S.W.

Position of Station on Ordnance One-Inch map :

No. of Map.....

National Grid Reference 5162146171

Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction from gauge.
1941			Hirwaun	7 1/2 mi SE	Ystradfellthi	2 1/2 mi SW

Summary of Earlier Records from 10-year Sheets :

1916-1950, P - Rejected

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
	C 1916 D 1917-19 -	1920 D 1921-24 - 1925-1930 D	1931-1940 D	D	