

RAINFALL AT Ebbw Vale Waterworks

Lat. Lon. County of Brecknock
No. 6. Rain Gauge, by Observer J. J. Thomas Esq C.E.

Diameter				5							
Height				10							
Altitude				1413							
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January				9.59	11.48	6.38	5.92	4.48	2.14	2.42	
February				8.19	7.21	8.24	1.57	1.90	.47	1.97	
March				1.65	5.57	2.01	8.37	2.64	5.59	2.73	
April				1.53	2.12	4.73	3.83	1.86	3.02	4.62	
May				2.95	2.90	4.08	7.11	2.87	3.36	3.98	
June				5.27	2.36	3.53	.82	7.8	5.31	.65	
July				5.22	5.56	1.59	4.40	2.57	8.01	5.50	
August				3.42	3.75	3.68	2.77	3.13	4.97	4.46	
September....				7.08	4.12	5.55	5.95	5.80	1.34	1.72	
October.....				7.56	1.94	7.14	8.98	2.64	3.05	5.66	
November....				7.65	3.17	7.97	6.54	6.58	11.50	2.51	
December				3.47	9.67	2.19	5.34	4.92	8.70	3.33	
TOTALS				63.59	59.85	60.09	64.60	40.17	57.46	39.55	

RAINFALL AT

Ebbw Vale Waterworks

Lat. _____

Lon. _____

County of Brecknock

Rain Gauge, by _____

Observer J. J. Thomas Esq C.E.

~~Height~~ Ebbw - 6.

Diameter	5							5			
Height	1 0							1 0			
Altitude	1413							1413			
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	11.68	5.72	2.59	3.43	7.31	4.00	1.64	3.67	2.64	11.16 2.64	11.55
February	1.18	.12	2.59	7.70	6.63	.04	.81	5.13	3.40	2.10 2.40	11.10
March	3.54	2.80	1.30	.66	5.11	5.33	3.91	8.93	1.56	2.64 1.56	11.10
April	2.34	3.54	1.49	.27	3.79	2.88	.77	5.31	4.30	6.58 4.30	11.11
May	3.55	4.76	2.15	4.56	3.14	.62	.84	2.68	5.34	11.48 5.34	11.11
June	3.97	4.22	4.17	1.62	2.23	1.14	2.76	3.59	2.94	1.96 2.94	11.11
July	3.70	2.99	3.14	4.68	4.95	5.48	1.96	3.08	1.14	.94 1.14	11.11
August	4.99	9.49	6.71	4.59	3.31	4.43	1.53	10.24	5.55	1.60 5.55	11.11
September....	2.73	4.08	4.57	2.90	1.96	1.84	6.94	5.96	1.78	4.48 1.78	11.11
October	2.56	14.37	4.25	4.73	6.44	2.30	4.22	3.88	8.66	5.63 8.66	11.11
November....	6.67	6.17	5.26	2.98	7.91	9.70	1.41	5.28	6.32	5.10 6.32	11.11
December	1.34	11.80	3.09	7.59	3.21	4.85	11.16	14.28	10.89	5.03 10.89	11.11
TOTALS	48.25	70.06	41.31	45.71	55.99	42.61	37.95	72.03	54.52	56.70 54.52	52.51

bad

the 52 in.

1899 - The value printed in B.R. is erroneous being the value for 1898.
Correction received Nov. 1903.

1894, 95 + 96 rejected as small Rhymney water (x 10).

RAINFALL AT Ebbw Vale Waterworks

No 1

Lat. 51° 49' NLon. 3° 13' 40" W County of Grecknoch

Smelter Rain Gauge, by

Observer J. J. Thomas Esq. C.E.Ebbw - 6.

Diameter ..	5										
Height	10										
Altitude ..	1413 ft										
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	6.64	3.89	2.75	9.73	10.41	2.33	8.15	3.41	4.52	3.14	5.497
February ..	6.38	2.13	2.48	6.27	8.37	2.18	4.41	3.42	3.41	1.31	4.036
March	1.06	4.32	3.50	11.37	3.24	8.89	3.61	2.99	5.82	6.04	5.084
April	2.69	5.99	4.03	2.81	4.00	6.81	1.31	6.04	3.35	4.96	4.199
May	3.83	1.72	3.19	6.02	3.99	.41	4.20	4.46	4.08	2.44	3.434
June	3.72	2.87	5.21	2.59	1.90	5.88	2.55	6.69	1.44	4.06	3.691
July	2.56	2.59	2.18	3.22	4.82	1.36	1.47	3.60	5.57	4.17	3.154
August	5.49	3.53	4.38	8.61	3.97	7.02	3.46	4.66	8.00	2.27	5.139
September ..	2.12	3.81	3.53	6.80	3.55	3.86	1.78	1.34	4.24	4.10	3.513
October	8.35	3.92	5.90	15.78	2.45	3.82	9.22	8.57	3.83	13.86	7.570
November ..	6.90	2.90	6.64	2.85	3.57	6.64	5.10	3.86	4.01	2.83	4.530
December ..	10.46	8.57	5.21	6.43	5.52	2.46	3.29	9.26	5.93	12.50	6.963
TOTALS ..	60.20	46.24	49.00	82.48	55.79	51.66	48.55	58.30	54.20	61.68	56.810

1903 Beaupre Ry Station 2 + N.W.R. 2 miles S.E.

+ Inspected

10 4172

RAINFALL at Ebbw Vale W.W. Filters No 1 Langwiler Res

County of Brecon Observer J. J. Thomas Esq C.E.
 River Basin Ebbw 6
Snarford Rain Gauge, by _____

Diameter ...	5											
Height	1.0											
Altitude ...	1418 ft											
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	1916-19 MEANS. Totals	
January ...	8.64	1.47	6.72	8.42	4.04	6.60	6.22	1.91	5.15	7.17	20.45	
February ...	9.78	6.95	5.78	3.47	9.73	10.24	8.84	1.36	5.48	5.82	19.50	
March	2.44	2.52	11.64	12.06	8.32	1.40	3.23	3.72	3.49	7.14	17.58	
April	5.08	3.87	.41	8.88	2.58	2.09	2.57	2.83	3.02	2.57	10.99	
May	3.17	2.71	2.13	4.59	3.51	3.92	3.80	4.69	2.76	.66	11.91	
June	6.97	3.96	6.29	2.36	2.79	1.09	3.30	3.39	2.03	2.43	11.15	
July	4.59	.72	7.18	1.22	6.65	5.77	1.99	3.69	5.58	2.10	13.36	
August	8.23	3.28	11.41	2.97	4.71	2.90	5.70	10.25	2.61	4.50	22.86	
September ..	.67	4.76	1.24	3.77	2.86	1.08	2.75	4.13	11.97	2.84	21.69	
October ...	5.83	6.37	7.01	7.63	4.22	5.56	13.43	9.02	4.81	2.57	29.77	
November ..	6.82	10.68	4.27	8.54	8.77	3.76	6.58	3.71	5.09	3.79	19.17	
December ...	13.99	16.04	9.86	2.83	13.47	15.03	4.69	1.32	9.70	9.61	25.32	
TOTALS ...	76.21	63.33	73.94	66.74	71.65	59.54	63.10	50.02	61.69	48.94	223.75	38
	2	3	7	2	2	12	2	2	2	0		

Inspected

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1911			Beaufort					

RAINFALL at Elles Vale N.W. (Llangynidr) No. 1County of BreconObserver J. G. Thomas, Esq. F.R.S.
P. J. Davies Esq. 1923.River Basin Elles 6Eng' & Surveyor Elles Vale W.D.SNOWDON Rain Gauge, by _____

Diameter ...	5													
Height	1.0													
Altitude ...	1413													
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MEANS.	1920-30 Totals		
January ...	10.66	6.91	6.28	4.04	7.15	8.03	8.18	7.19	10.05	2.61	12.11	83.21		
February ...	3.47	1.9	9.01	10.83	6.3	9.38	5.52	4.86	7.31	1.50	2.68	55.38		
March	7.80	5.74	7.02	2.00	2.53	.96	1.67	6.46	6.38	.97	5.25	46.78		
April	11.57	8.6	4.11	4.18	4.83	4.58	3.83	1.70	1.84	.91	6.64	45.07		
May	4.48	2.23	1.23	3.39	6.73	6.19	3.09	1.78	0.97	5.98	2.31	38.38		
June	4.95	2.5	1.49	.93	2.87	.02	2.58	5.53	5.07	3.72	1.04	28.45		
July	7.60	2.79	6.68	2.66	6.72	2.61	2.67	6.13	2.24	3.80	5.53	44.43		
August	2.12	7.77	3.84	3.46	5.99	5.56	4.84	9.02	5.94	4.12	6.80	59.46		
September...	5.55	3.11	3.32	4.16	9.14	4.60	1.93	7.78	2.02	2.08	6.68	50.37		
October	6.15	2.40	1.67	8.24	6.78	5.98	5.50	6.61	12.48	12.12	9.22	77.15		
November...	2.70	4.26	2.10	4.37	4.23	3.18	12.31	5.53	11.28	18.39	7.37	75.72		
December...	8.16	6.62	7.76	4.91	10.74	5.40	.59	3.26	6.97	19.69	7.02	81.12		
TOTALS...	75.21	43.13	54.51	53.17	68.36	56.49	52.71	65.85	72.55	75.89	72.65	690.52		

1927. Sarcotakers House, 1190 ft. high, $\frac{3}{4}$ m. SE.

1928 Inspector R. Cohen 4/5/28 Series lost in funnel. See Green Hill

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'	3° 14'	Beaufort	1 3/4 m	SE	Beaufort.	1 1/2 m	SE

RAINFALL at Ebbw Vale W.W. (Llangynidr) No. 1County of Brecon Observer P. J. Davies, C.E.River Basin G. EbbwType of Gauge SnowdonAnnual Average 58.8 in. based on 37 years obs. un-weighted. Period of average 1881-1918 Ref. 5

844361/28

Diameter	5										
Height	1.0										
Altitude	1413										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means Totals
January	4.79	15.40	7.39	10.72	2.53	10.70	12.70	10.21	11.06	(4.29)	89.79
February	6.74	.07	5.93	.79	8.61	3.98	10.35	2.26	4.67	5.20	48.60
March	1.95	4.62	6.74	6.35	1.92	6.54	6.01	.56	3.98	4.61	43.28
April	4.42	6.86	1.88	5.06	8.67	4.94	4.37	.52	3.55	5.30	46.07
May	4.70	8.19	2.81	3.21	1.43	2.04	2.36	5.05	0.91	2.93	33.63
June	7.51	2.74	5.39	1.67	8.19	5.78	3.03	3.17	2.90	.77	41.15
July	5.37	4.19	4.42	1.44	1.18	11.11	4.72	6.26	12.77	4.64	56.10
August	6.61	2.42	1.23	5.63	2.55	1.82	1.92	4.51	3.58	.60	30.87
September	.71	6.78	3.31	4.72	10.86	4.80	2.80	2.25	1.20	3.81	41.24
October	1.40	11.22	8.33	6.44	8.87	4.94	5.65	9.20	5.71	11.07	72.88
November	16.80	4.75	1.78	2.54	10.89	8.08	3.72	7.76	14.96	14.01	85.29
December	4.72	6.61	0.98	17.43	7.85	12.84	4.30	7.79	4.76	3.58	70.86
TOTALS	65.72	73.85	50.19	66.00	73.55	77.67	62.43	59.54	70.05	60.81	659.71

1934 Waterworks Carabazero House approx 1/2 mi. S.E. HQ's D.1940 January, estimated 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 from gauge	Parish Church	Distance from gauge	Direction from gauge
1933			Beaufort	2 mi	SE	Beaufort	2 mi	SE.

Station No. T.F. 4172

RAINFALL at Ebbw Vale w.w. (Hlangynidr) No. 1

41

County of Brecon

Observer P. J. Davies, Esq., C.E.

River Basin 6 - Ebbw

J. M. Smith, Esq.

Type of Gauge Stevenson

J. G. Hoskins, Esq. (1946)

Annual Average 58.8 in. based on 37 years obs. un-weighted. Period of average 1881-1915 Ref. S

File No. 844.3.6.138

Diameter	5				486	847					
Height	10					1					
Altitude	413					41					
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means Totals
January	4.77	6.07	12.66	8.30	6.66	10.05	6.33	14.54	2.10	2.01	73.49
February	7.18	4.7	5.47	1.54	8.79	8.16	1.90	4.68	3.20	11.69	53.08
March	5.03	5.14	1.58	3.8	3.29	2.66	12.03	4.18	1.91	4.89	40.49
April	1.57	4.02	1.84	3.03	3.58	2.79	7.05	4.34	5.60	4.89	38.21
May	3.99	9.17	6.58	2.41	4.84	5.06	3.42	3.96	4.95	2.79	47.07
June	2.20	2.6	5.61	4.30	5.89	5.71	3.65	6.31	1.17	2.86	37.96
July	4.72	3.65	4.01	3.97	5.75	2.94	3.88	2.25	1.12	6.68	39.03
August	7.07	6.60	5.99	4.87	3.69	8.63	6.5	6.38	9.92	8.48	55.28
September	9.3	4.30	5.90	7.19	5.36	10.12	3.47	5.46	3.02	7.90	53.65
October	7.91	5.96	5.37	9.78	9.18	1.58	1.80	6.06	11.61	2.92	62.17
November	5.26	1.04	4.51	11.22	7.7	14.54	7.75	3.36	7.87	7.55	63.27
December	5.59	10.43	3.30	5.02	9.86	6.59	6.44	12.65	7.93	2.58	71.39
TOTALS	56.22	57.11	62.82	62.01	67.66	78.83	58.37	74.17	58.66	65.24	635.09

1941. Jan. sold. Waterworks Carclakers House, 1190' O.D. 3/4 m. S.E.

40004

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			Beaufort	1 1/2 m.	S.E.	Beaufort	1 1/2 m.	S.E.

BRITISH RAINFALL ORGANIZATION

Station No. 4172

RAINFALL at Ebbw Vale 10W (Hanging) No. 1

51

County of Brecknockshire Observer J. G. Hocking, Esq.

River Basin 6-Ebbw

Ebbw Vale U.D.C.

Type of Gauge Snowden

Annual Average 65.8 in. based on 27 years obs. un-weighted. Period of average 1881-1915 Ref. S P 860 P

65.26 27 (within) 1929-56

File No. 1916-1950 84351/38

Diameter ...	5"				486	847					
Height ...	1' 0"					1					
Altitude ...	1413'					51					
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	7.66	6.24	1.56	3.65	5.84	7.19	9.23	6.10	9.23	7.42	
February ...	7.43	.95	2.42	5.82	2.67	.58	8.65	8.58	.53	7.41	
March ...	6.61	4.02	4.10	5.37	3.63	2.53	6.62	1.83	7.28	3.47	
April ...	5.79	4.40	4.67	1.19	2.53	2.58	.29	1.84	6.54	5.55	
May ...	3.69	5.54	4.09	3.66	6.97	1.61	3.46	5.67	2.37	2.69	
June ...	2.39	4.70	2.49	8.33	5.86	5.19	1.20	4.07	2.58	3.03	
July ...	1.66	2.27	7.11	4.46	.80	6.00	5.33	5.07	5.18	6.11	
August ...	7.29	11.93	6.44	6.71	1.57	5.69	4.45	5.05	1.24	5.24	
September ...	5.81	4.86	6.12	7.42	3.42	7.80	8.53	10.15	.34	6.91	
October ...	1.58	7.68	4.65	12.67	4.63	2.79	5.99	6.89	6.46	10.64	
November ...	13.78	4.86	5.34	15.67	6.63	1.94	3.06	2.84	11.03	15.65	
December ...	7.87	5.29	2.33	6.08	9.46	8.34	6.93	5.41	17.93	9.19	
TOTALS ...	71.31	62.74	51.32	81.03	54.01	52.84	63.74	63.50	70.21	83.31	
	D	D	D	D	D	D	D	D	D	D	

1944 Waterworks Caretakers House 1190' 00 ft W SE

Position of Station on Ordnance One-Inch map :

No. of Map.....

National Grid Reference So. 155139.

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge.	Direction from gauge.
1941			Beaufort	1 1/2	SE	Beaufort	1 1/2	SE

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
	D	D	D	1941-4 1942-50 D	