

## RAINFALL AT

Ebbw Vale Iron Works.

Lat.

Lon.

County of Monmouth

Rain Gauge, by

Observer 7 Miles E

Ebbw - 2.

Diameter ...										8
Height .....										10
Altitude ...										902 ft
Year ...	1900	1901	1902	1903	1904	1905	1906	1907	1908	MEANS.
January ...								3.87	3.69	3.40
February ...								2.92	2.95	1.18
March .....								3.27	6.22	6.32
April .....								5.88	3.33	5.11
May .....								3.96	3.88	2.07
June .....								6.66	1.35	3.66
July .....								2.94	4.15	3.79
August .....								4.19	8.10	1.93
September ..								1.12	3.48	4.30
October ...								10.49	3.24	13.34
November ..								3.37	4.14	2.76
December ...								8.03	6.28	11.15
TOTALS ...								56.70	50.91	59.01

Christchurch  
 1907 St John Ch Ebbw Vale 725 yards S 1908  
 Ebbw Vale Station 244.5 480 yards N  
 Wall 10 ft high 45 ft 390 N.W.  
 11 ft



From sketch on 1907 Form B

## RAINFALL at Ebbw Vale Ironworks

County of Monmouth

Observer 7 Miles Eq

River Basin Ebbw 2

24 Sept. Eq

Rain Gauge, by

D. J. Whitehead Eq

J. H. Williams Eq. Eq. Eq.

Diameter ...	8										
Height .....	10										
Altitude ...	902 ft										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	1916-19 Means: Totals
January ...	8.23	1.71	6.77	9.55	2.95	5.12	5.04	2.10	5.53	7.45	20.12
February ...	10.54	5.32	4.94	3.57	9.01	11.08	8.42	1.31	5.14	4.12	18.99
March .....	2.72	2.69	10.55	10.45	8.23	1.08	4.86	4.95	3.52	6.56	19.59
April .....	4.83	2.27	.44	9.82	2.92	2.20	2.58	3.31	2.77	2.50	10.96
May .....	2.69	2.85	1.95	3.87	2.69	3.89	4.34	4.87	2.35	.77	12.33
June .....	6.04	3.23	6.80	1.89	2.59	1.23	2.73	3.08	1.86	1.68	9.35
July .....	4.35	.53	6.32	.94	7.02	5.60	1.78	2.84	5.29	1.89	11.80
August .....	7.44	3.24	12.10	2.32	3.59	2.36	6.84	9.89	2.84	3.74	23.31
September ..	.94	4.04	1.41	3.40	2.88	1.08	2.39	4.13	13.10	2.73	22.35
October ...	5.31	5.20	6.89	7.57	4.21	6.60	12.82	8.02	3.57	2.38	26.79
November ...	6.64	8.02	3.83	6.89	8.82	3.55	6.81	2.83	5.65	4.26	19.55
December ...	12.60	16.88	8.74	2.75	12.05	13.99	4.15	1.63	8.71	10.23	24.72
TOTALS ...	72.33	55.98	70.74	63.02	66.96	57.78	62.76	48.96	60.33	48.11	220.16

1912 Wall 10 ft high 42 gr N

1919 House 40 ft high 40 yds. N.W.

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1911	50°40'	3.12 W	L & N.W. G.W.R.	125 yds. 400 yds. 500	S N.W. W.	Christchurch Signum	200 yds. 725 500	N S N.W.

4008 20

## RAINFALL at Elbow Vale Iron Works

County of Monmouth.

Observer J. H. Williams Esq. R.C.M., M.A.

River Basin Elbow 2

Elbow Vale Steel Sheet Works Co.  
(G. A. Johnson) (1920).

Rain Gauge, by Bassells

Diameter ...	5										
Height .....	10										
Altitude ...	902										
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	MEANS. 1930
January ...	8.65	7.18	6.69	3.63	8.38	8.11	8.98	7.07	10.39	2.32	12.43
February ...	2.61	2.21	7.55	13.93	.70	11.12	4.30	5.01	5.66	.97	.86
March ..... April.....	7.22	6.44	6.81	2.29	2.40	.92	1.37	5.08	6.12	.76	3.97
May .....	9.51	10.01	5.25	3.94	4.99	4.44	3.63	1.80	2.11	.92	6.29
June .....	4.22	2.87	1.09	2.66	5.70	6.69	3.43	1.61	.51	4.57	1.81
July .....	4.95	4.73	1.12	.80	2.64	.00	2.49	5.17	4.03	3.45	1.28
August .....	7.40	2.27	6.45	2.64	7.03	2.89	3.01	6.10	1.99	4.46	4.30
September...	3.24	5.48	3.77	4.25	5.85	6.23	5.33	8.01	4.17	2.80	6.40
October.....	5.95	2.78	3.97	4.91	9.83	4.15	1.81	8.76	1.81	1.49	6.43
November...	6.14	2.51	1.93	9.67	6.88	7.67	4.66	5.17	11.57	9.12	7.89
December...	3.09	4.44	2.85	4.33	4.56	3.02	13.38	5.55	9.64	16.31	6.77
TOTALS...	68.0	73.9	59.5	36.29	57.89	69.10	60.91	52.92	62.87	63.26	62.83
	9	9	9	9	9	9	9	9	9	9	9
	D	D	D	D	D	D	D	D	D	D	D

1920. Elbow Vale House. soft. 1/2 ft. N.  
9. read 9 a.m.Position of Station on reduced Ordnance Survey } No. of Map \_\_\_\_\_ Reference No. \_\_\_\_\_  
Map, 2 miles to 1 inch Series }

Date.	Lat. N.	Long. E.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge
1920	56° 46' N	3° 12' E	Elbow Vale East	500 yds.	N.	St John	530 yds. N

## RAINFALL at Elbow Vale (Snowdonia)

County of Monmouthshire

Observer Elbow Vale Steel Ingot Works Co. Ltd.

River Basin Elbow

Type of Gauge

Annual Average in. based on ~~10~~ years obs. un-weighted. Period of average 1931-40 Ref. 905447/29  
average deleted (1940)

Diameter	8											
Height	1.0											
Altitude	902											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	
January	4.50	11.34	6.37	7.73	15.6	8.51	10.14	8.28	10.75			
February	4.15	.05	5.42	.68	6.96	3.41	6.17	1.99	5.07			
March	1.90	3.97	5.06	4.23	1.71	5.11	5.24	.59	2.87			
April	4.38	5.80	1.69	4.26	7.56	3.55	3.91	.35	4.58			
May	5.01	6.76	2.44	2.47	1.60	2.14	2.01	4.87	1.11			
June	4.80	2.64	3.92	1.69	6.79	3.73	1.46	3.18	3.31			
July	4.44	4.55	4.02	4.98	.85	9.27	3.02	4.27	11.43			
August	5.77	1.41	1.12	4.56	1.86	.78	1.35	3.27	2.79			
September	2.00	6.61	2.36	3.92	8.10	4.25	2.44	2.75	1.35			
October	1.14	9.43	7.05	5.55	6.61	3.30	4.04	7.99	5.42			
November	14.78	3.86	1.15	2.83	8.75	7.00	2.66	8.82	11.80			
December	2.90	4.51	2.22	12.37	5.29	9.96	3.86	6.75	2.96			
TOTALS	54.77	60.93	41.81	56.22	57.64	61.01	48.90	53.11	63.44			N.R.

1931. House 30 ft. high, 70 ft. N.

1940. Gauge purchased from N-Z see F. 759179/38  
7 values for last 20 yrs. below. average deleted 8/10/42.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 from gauge	Parish Church.	Distance from gauge	Direction from gauge
1931.			Ll. W. R.	500 yds. N.	St. John.		530 yds. N.E.	

BRITISH RAINFALL ORGANIZATION, EXHIBITION ROAD, LONDON, S.W.7.

Station No. 4008

## RAINFALL at Ebbw Vale (Iron Works)

41

County of Monmouth.

Observer Ebbw Vale Steelworks Co. Ltd.

River Basin Ebbw - 2

Richard Thomas &amp; Sons Ltd. (1945)

Type of Gauge Snowdon M.O. in 1949

\*

Annual Average 5.6 in. based on 17 years obs. un-weighted. Period of average 1941-1957 Ref.

File No. 905447/29

Diameter	8			486	915			8			
Height	1.0				1			1'			
Altitude	902				41			930			
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	5.02	4.45	11.78	5.98	4.99	7.96	5.79	11.11	1.92	1.70	
February	6.02	2.26	4.46	1.05	7.38	5.74	(2.50)	3.55	3.23	10.02	
March	4.36	3.53	1.29	4.40	2.33	2.32	12.83	3.56	2.06	3.38	
April	1.29	3.28	1.61	2.42	2.95	2.38	6.89	3.74	4.74	3.88	
May	3.53	4.80	5.94	1.77	4.19	5.19	3.71	4.69	3.73	3.91	
June	2.15	1.11	4.44	3.24	5.79	5.90	3.48	5.66	8.86	1.90	
July	3.27	2.68	3.15	3.60	3.78	2.60	3.20	1.70	9.0	6.69	
August	5.50	6.13	5.16	4.25	3.53	8.69	.57	6.81	9.59	7.73	
September	.73	4.10	5.04	5.67	4.19	8.85	2.66	4.96	2.72	6.19	
October	6.20	4.50	5.06	8.71	7.26	1.73	1.50	6.01	11.08	2.56	
November	3.10	.83	3.74	3.74	.70	14.33	5.88	3.31	6.80	7.00	
December	3.42	8.45	3.19	4.39	9.77	6.63	5.47	11.88	4.86	3.37	
TOTALS	44.61	46.12	54.86	51.82	56.86	72.32	54.48	69.98	45.49	57.61	

1941 Ebbw Vale House 30' high 70° N

\* The average of 56.6 has been deleted as too high for the present totals. 12/10/42.

1947 Feb ex-2 got snow. Gauge moved 100' W on 25/1/47. House 30' high 70° N. New position Jan 6' high + 6'.

20004

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 from gauge	Parish Church.	Distance from gauge	Direction from gauge.
1947			G.W.R.	500 yds	N	St. Johns	530 yds	N.E.
1949			"	900'	N.	St. Johns	530'	N.

Station No. 4008

51

## RAINFALL at EBBW VALE (IRON WORKS)

County of MONMOUTHSHIRE

Observer RICHARD THOMAS &amp; BALDWIN, LTD.

River Basin 2 - EBBW

Type of Gauge M.O.

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

File No. 955447/29

Diameter ...	8"				486	913					
Height ...	1' 0"						1				
Altitude ...	930'						51				
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	6.27	5.81	1.42	3.53	5.09	7.06	5.66	5.14	7.07	6.82	
February ...	7.25	1.07	2.34	5.41	2.62	.48	7.35	7.45	4.43	7.02	
March ...	5.87	3.43	3.45	5.18	3.70	2.33	5.04	1.62	6.03	3.73	
April ...	4.69	4.44	4.71	.91	1.90	2.24	.16	1.28	6.43	4.72	
May ...	4.05	4.85	3.30	3.39	6.25	1.62	2.65	4.59	2.00	2.54	
June ...	1.49	2.96	2.38	7.01	4.86	3.95	1.05	3.38	2.14	2.53	
July ...	1.51	2.67	5.88	3.23	.33	5.49	4.36	4.27	4.75	5.17	
August ...	6.48	9.76	6.24	5.15	.93	6.09	4.36	4.98	1.33	5.04	
September ...	4.87	4.02	5.37	6.41	2.40	6.65	7.37	8.86	.19	6.83	
October ...	1.32	7.61	4.55	8.60	3.73	1.78	3.73	6.29	5.68	11.42	
November ...	12.37	4.91	4.55	12.72	7.36	1.61	2.70	2.50	9.02	12.15	
December ...	6.39	4.70	1.74	4.87	8.38	8.82	5.47	5.23	15.99	6.44	
TOTALS ...	62.51	56.23	45.93	66.41	47.51	48.12	49.90	55.59	60.48	76.41	
	D	D	D	D	D	D	D	D	np.	d	

1947 House 30° high 10' N, fence 6' high 40' S.

1957 np. low Years Total looks some 5 in. or more low. Jan 5 short (some other months less so). 1957 n.p. low.

A. 372

The average of 56.6 has been deleted as too high for present totals.

Position of Station on Ordnance One-Inch map : No. of Map ..... National Grid Reference 54632) 172098

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Parish Church.	Distance from gauge
1949 1957			G.W.R. Ebbw Vale (low level)	900' N " " "	St. John's "	1000' N NW

Summary of Earlier Records from 10-year Sheets :

	1910-1920	1920-30	1931-40	1941-50	1951-60
Record D, or d	D	D	D 1931 1933-44 1932 1940 N.R.	D	