

RAINFALL AT

Elbow Lake Iron Works

Lat. _____

Lon. _____

County of Monmouth

Rain Gauge, by _____

Observer

F. Mills Esq

Stn - 2.

Diameter ...								8			
Height								10			
Altitude ...								902 ft			
Year ...	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	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	1.92	
September ..								1.12	3.48	4.30	
October ...								10.49	3.34	13.34	
November ..								3.37	4.14	2.76	
December ...								4.03	6.28	11.15	
TOTALS ...								56.70	50.91	59.01	

1907 *Christ Church* 725 yards S 1908
St. John Ch Elbow Lake 480 yards N
Elbow Lake Station S.W. 390 N.W.
Wall 10 ft high 4.5 ft N



From sketch on 1907 Form B.

RAINFALL at Ebbw Vale Iron WorksCounty of MonmouthObserver F. Mills Esq24. forty EsqRiver Basin Ebbw 2D. J. Whitehead Esq

Rain Gauge, by

J. H. Williams Esq. R.C.

Diameter ...	8											
Height	1 0											
Altitude ...	902 N											
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	1916-19 Mean 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	19.89	
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	2.58	26.79	
November ...	6.64	8.02	3.83	6.89	8.82	3.55	6.81	2.83	5.65	4.16	19.55	
December...	12.60	16.88	8.74	2.75	12.05	13.99	4.15	1.63	8.71	10.23	34.72	
TOTALS ...	72.33	55.98	70.74	63.02	66.96	57.78	62.76	48.96	60.33	48.11	220.16	
	3	2	2	2	2	2	2	2	D	2		

1912 Wall 10 ft high 42 ft N
 1919 Stone 4 ft high 40 ft N.W.

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1911	50 40- ⁴⁶	3-12-4	L. & N.W. G.W.R.	725 yds 400 yds 500 "	S N.W. N.	Christchurch Siphon	800 yds 725 500	N S N.W.

Observer J. H. Williams, Jr., R.M., M.M.

Yellow Vale Steel & Iron Works Co.
(G. H. Jenkins) (1930)

Rain Gauge, by Caselle

1920. Ebbw Vale House. soft. Eye 7/8. N.
G. read 9 a.m.

Reference No. _____

(^o1283) Wt. 1671—6044. 10,000. 4/21. J. T. & S., Ltd. 160.

RAINFALL at Edinwa Vale (Iron Island)County of MonmouthObserver Edinwa Vale Steel Iron Coal Co. Ltd.River Basin Edinwa - S.

Type of Gauge

Annual Average 5.55 in. based on 17 years obs. un-weighted. Period of average 1888-1904 Ref. —
average deleted (1941)

905447/29.

Diameter	8										
Height	1.0										
Altitude	902										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	4.50	11.34	5.37	7.73	15.6	8.51	10.14	8.28	10.75		
February	4.15	.05	5.42	.63	6.96	3.41	8.17	1.99	5.07		
March	.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	4.03	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	4.64	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	13.37	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 300 F. 759/79/38

1 value for last 2040 below. average deleted 8/10/42.

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 Direction from gauge	Parish Church.	Distance Direction from gauge
1931.			L. W. R.	500 yds. N.	St. John.	530 yds. N.E.

Station No. 4008

RAINFALL at Ebbw Vale (Iron Works)

41

County of MonmouthObserver Ebbw Vale Station Co. LtdRiver Basin Ebbw - 2Richard Thomas & Co. Ltd.Type of Gauge Snowdon M.O. in 1949Annual Average 56.6 in. based on 17 years obs. un-weighted. Period of average 1881-1947 Ref 5File No. 905447/29

Diameter	8				486	715 195			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	5.38	4.99	7.96	5.79	14.11	1.92	1.70	
February	6.02	2.6	4.46	1.05	7.38	5.74	(2.50)	3.55	3.23	10.02	
March	4.36	3.53	1.29	4.0	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	7.80	5.94	1.77	4.19	5.19	3.71	4.69	3.73	3.19	
June	2.15	11	4.44	3.24	5.79	5.90	3.48	5.66	86	1.90	
July	3.27	2.68	3.15	3.60	3.78	2.60	3.20	1.70	90	6.69	
August	5.50	6.13	5.16	4.25	3.53	8.69	57	6.81	9.59	7.73	
September	7.3	4.10	5.04	5.67	4.19	8.85	2.46	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	8.3	3.74	3.74	7.0	14.33	5.88	3.31	6.80	7.00	
December	3.42	8.45	3.19	4.99	9.77	6.63	5.47	11.83	4.86	3.37	
TOTALS	44.61	46.12	54.86	51.82	56.86	72.32	54.48	67.98	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. 12/10/52.

1947 Feb inst. for snow. Gauge moved 100' W on 25/11/47. House 30' high 70' N. New position fence 6' high 40' S.

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.
1947			G.W.R.	500 yds	N	St. Johns	530 yds	N.E
1949			"	900'	N.	St. Johns	530'	N.
			"			"	1000'	N.

BRITISH RAINFALL ORGANIZATION

Station No. 4008

RAINFALL at EBBW VALE (IRON WORKS)

51

County of MONMOUTHSHIRE Observer RICHARD THOMAS & 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. 905447/29

Diameter ...	8"				486	415						
Height ...	1'0"					1						
Altitude ...	930					51						
	900											
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	7.09	6.82		
February ...	7.25	1.07	2.34	5.41	2.62	.48	7.35	7.45	.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 ...	6.43	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	6.05	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	58.23	45.93	66.41	47.55	48.12	49.90	55.59	60.48	76.41		
	D	D	D	D	D	D	D	D	D	D		

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

1957 n.p. low

1959 n.p. low

years total looks some 5 in or more low. Jan 5 short (1 some other months less so).

992

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 50(32) 172098

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

Summary of Earlier Records from 10-year Sheets :

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
	D	D	D 1931 1933-39 - 1932 1940 N.R.	D	