

RAINFALL at Tredegar Laboratory.County of Monmouth.Observer W. Morgan. Esq.River Basin ebb. 2.Copper Tunnel Rain Gauge, by Howard.

Diameter ...			5								
Height			1 3				2 0				
Altitude ...			950								
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...			7.67	9.22	3.29	5.47	4.52		6.14	5.47	
February ...			5.34	3.60	10.09	10.70	8.85		5.31	6.57	
March			11.04	10.33	10.07	1.36	3.66		3.50	7.53	
April63	9.03	2.94	1.93	2.64		3.23	2.95	
May			1.98	4.22	3.26	3.40	4.67		2.19	.90	
June			7.07	2.33	2.94	1.55	2.90		2.03	2.01	
July			6.74	.91	7.43	5.59	2.08		5.80	2.63	
August			11.64	2.15	4.52	3.21	6.76		2.85	4.23	
September ..			1.25	3.78	2.72	1.07	2.61		13.90	2.68	
October ...			7.06	7.75	4.23	6.31	13.36		4.21	2.75	
November ..			3.90	7.68	7.99	3.83	6.44		5.90	4.62	
December...			9.75	2.85	11.83	4.57	4.29		10.61	11.72	
TOTALS ...			74.07	63.80	71.31	58.99	62.78	(50.00)	65.67	53.11	

House 35 ft. high 60 ft. N.

1919 Bdy. 15' 90' N.

1912 & 1913 rec'd 31. v. 15,
entered 15.18.15.

interpolated throughout 1919

23.2
4 27.66

Date.	Lat. N.	Long. W.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1912	51° 47'	3° 14'	Tredegar			St. James.		
1919			LNWR	300 yds	E		300 yds	E

RAINFALL at *Tredegar Laboratory*County of *Monmouth*Observer *W. Morgan Esq.* (Chemist)River Basin *Elbow 2*for *Tredegar Coal & Iron Co**Appointed* Rain Gauge, by *Howard*
Howard

Diameter ...	5											
Height	1	3	2	0								
Altitude ...	950											
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	Mean 1930.	
January ...	9.62	7.32	6.51	3.93	7.55	6.37	7.76	7.86	10.62	2.34	12.65	
February ...	3.45	.20	7.23	13.08	.52	9.80	4.65	5.18	5.89	1.44	.81	
March	7.49	6.86	6.11	2.51	2.61	.92	1.27	6.03	6.34	.75	4.08	
April	10.53	1.14	4.15	3.73	4.68	4.44	2.81	2.01	2.24	.85	5.62	
May	4.03	2.05	1.01	2.99	4.80	4.69	2.88	1.72	0.74	4.71	1.94	
June	4.81	.94	1.35	.70	2.11	.00	2.65	5.62	3.78	3.95	1.21	
July	6.97	1.73	5.76	2.64	6.12	2.44	3.57	4.69	2.00	4.80	4.71	
August	2.34	5.15	3.28	3.59	5.12	6.73	4.82	7.56	4.41	3.12	7.28	
September...	3.80	2.74	3.18	4.46	6.89	4.22	1.98	7.59	2.09	1.56	6.97	
October	6.33	2.44	1.69	8.64	5.67	6.68	5.13	5.25	11.71	9.51	8.91	
November...	3.05	4.63	2.40	3.70	4.24	2.67	14.06	5.49	9.96	16.96	7.06	
December...	7.94	4.45	8.82	5.11	7.65	5.54	.60	4.06	5.31	16.62	7.19	
TOTALS...	70.66	39.65	51.49	55.08	57.96	54.50	52.18	63.06	65.09	66.61	68.43	
	2	2	2	2	2	2	2	2	2	2	2	

*Stone 35 ft. high 60 ft. N.**1930. Building 13 ft. high, 15 ft. N.**G. read 9 a.m.**509.67*

Position of Station on reduced Ordnance Survey } No. of Map

Map, 2 miles to 1 inch Series

Reference No.

Date.	Lat. N.	Long. W.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge	Direction
1920.	51° 47'	3° 14'	<i>Tredegar</i>	300 yds.	SW	<i>St James</i>	300 yds.	E.
1930.				60 yds.	E.	..	4 m.	E.

RAINFALL at Tredegar LaboratoryCounty of MonmouthObserver W. H. HargreavesRiver Basin Adur - B.Tredegar Iron & Coal Co. Ltd (1932)Type of Gauge HowardAnnual Average 59.8 in. based on 35 years obs. un-weighted. Period of average 1898-1932. Ref. B. N.

879033/28

Diameter	5											
Height	2.0											
Altitude	950											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	
January	5.55	11.76	5.91	8.00	1.70	9.14	11.22	8.53	10.98	3.60	7639	
February	4.79	2.0	6.20	7.3	7.08	3.74	8.58	2.39	5.25	4.91	4437	
March	1.00	4.27	5.43	4.62	1.85	5.43	4.60	7.8	2.82	4.38	3518	
April	4.84	6.32	1.72	4.01	7.41	3.55	4.18	3.8	4.89	5.24	4254	
May	5.75	6.83	2.67	2.81	1.30	1.69	2.20	5.02	1.10	2.02	3139	
June	4.94	3.08	3.67	1.63	1.82	3.89	1.58	3.58	3.33	1.31	3383	
July	4.64	4.85	4.49	3.04	8.6	9.48	3.05	4.82	13.24	5.47	5394	
August	6.62	1.65	1.18	5.53	2.18	7.9	1.04	3.52	3.00	5.0	2601	
September	1.95	6.88	2.95	3.69	8.60	4.66	2.35	2.69	0.99	2.94	3765	
October	1.35	10.07	7.74	5.84	7.17	3.41	4.56	8.00	5.38	8.25	6177	
November	14.71	3.84	1.17	3.01	9.21	7.26	2.65	8.56	12.03	12.42	7476	
December	3.17	4.61	1.84	14.36	5.96	11.00	4.37	7.06	3.08	3.73	5918	
TOTALS	59.31	64.31	44.97	57.27	60.64	64.04	50.28	55.33	66.09	54.77	5720	

1931. Buildings 13 ft. high, 15 ft. 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.			Tredegar	60 yds.	E.	St. James	1/4 m.	E

Station No. 4007

RAINFALL at Tredegar Laboratory

41

County of Monmouth

Observer Tredegar Iron & Coal Co. Ltd.

River Basin Ebbw - 2

National Coal Board

Type of Gauge Howard

Annual Average ~~5.1~~ in. based on 35 years obs. ~~un~~-weighted. Period of average 1881-1915 Ref. B. 57 N

File No. 879033/28

Diameter	5				487	393					
Height	20					1					
Altitude	950					41					
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	4.72	5.42	11.82	6.68	4.71	8.55	5.91	14.19	2 8.02	1.81	65.83
February	6.12	.55	4.74	1.19	7.64	6.00	2.16	3.56	3.33	10.92	46.21
March	4.16	4.33	1.22	.38	2.63	2.48	12.37	3.58	2 8.63	4.19	37.97
April	1.19	3.59	1.68	2.96	2.81	1.96	6.67	3.75	5.45	4.67	34.73
May	3.72	8.98	5.92	2.11	3.76	5.14	3.54	4.79	4.45	2.91	45.32
June	2.06	.31	4.44	3.41	5.86	5.68	3.30	6.05	1.09	2.34	34.54
July	2.89	3.42	3.43	3.56	3.95	2.66	3.77	1.83	1.05	7.58	34.14
August	7.00	6.54	5.30	4.40	3.83	9.30	.55	6.62	3.57	8.69	55.80
September	.82	3.95	5.30	5.55	4.58	9.23	2.87	5.27	2 8.95	7.02	47.54
October	6.93	4.52	5.21	8.79	7.54	1.63	1.71	6.08	12.28	3.78	57.87
November	4.18	.78	4.21	3.75	.80	14.24	6.37	3.10	7.71	7.62	58.76
December	4.16	9.00	3.30	5.31	10.19	7.17	5.64	11.89	6.44	3.63	66.73
TOTALS	47.95	51.39	56.57	54.93	58.30	74.04	54.86	70.71	52.97	64.56	58.54

1941. Building 15' high 15' N 1944 Building 15' high 15' N. (168.879033/28)

x Error corr'd 1945

1945 New gauge measure (standard) in use from 1.8.45, giving increase of .55 in. over old gauge.

Nearest objects same as in 1942 so gauge must be adjusted. - Heights still indicated on 1940.

The average 959.8 was computed by using Tredegar (The Llanwr) 1881-1910 - is not applicable to the present record
It is deleted from 98 with effect from 1942.

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			Tredegar	100 yds	N.E.	St. James	1/4 m.	N.E.

BRITISH RAINFALL ORGANIZATION

Station No. 4007

RAINFALL at TREDEGAR (LABORATORY)

51

County of MONMOUTHSHIRE Observer NATIONAL COAL BO.

River Basin 2 - EISBW

Type of Gauge HOWARD

Annual Average 57.2 in. based on 23 years obs. un-weighted. Period of average 1881 - 1915 Ref. I.W.S.

" " 62.27 " " 11 " " 1946 - 56

File No. 279033/28 S

Diameter ...	5"				487	393					
Height ...	2' 0"					1					
Altitude ...	950'					51					
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	7.42	6.79	1.66	3.65	5.27	8.17	7.65	5.69	8.00	7.83	62.13
February ...	8.16	1.37	2.68	5.64	2.98	.66	8.46	8.96	.51	7.29	46.71
March ...	6.22	3.93	4.06	5.96	3.76	2.75	6.27	2.03	6.49	3.92	45.39
April ...	5.58	4.72	4.94	1.01	1.92	2.26	.19	1.27	6.50	4.81	33.20
May ...	3.88	5.00	3.74	3.37	6.99	1.64	3.42	5.33	1.91	2.29	37.57
June ...	1.64	3.31	2.71	7.23	5.24	4.40	1.26	4.02	2.33	2.77	34.91
July ...	1.81	3.26	6.77	4.17	.39	7.22	4.80	4.90	6.22	6.12	45.66
August ...	6.85	9.38	7.05	5.89	1.49	5.93	4.80	5.51	1.36	5.11	53.37
September ...	6.38	4.66	5.67	7.53	2.75	6.83	8.41	10.02	.30	6.22	58.77
October ...	1.60	8.21	4.83	9.52	4.23	2.15	4.81	8.19	6.03	10.09	59.66
November ...	13.23	4.65	4.99	13.73	7.28	2.26	2.87	2.96	9.63	14.38	75.98
December ...	7.60	5.26	2.10	6.17	8.90	8.95	6.08	6.01	16.51	8.19	75.77
TOTALS ...	70.37	60.54	51.20	73.87	51.20	53.22	59.02	64.89	65.79	79.32	629.12
	D	d	d	d	d	d	d	d	D	d	

1946 building 15' high, 15 yds N

Average of 59.5 in. 1929 computed using Tredegar (The Williams) 1881-1910 is not applicable to the present record

Position of Station on Ordnance One-Inch map: No. of Map National Grid Reference (32)1444082

Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction from gauge.
1941			Tredegar	100 yds N.E	St. James	5 mi. N.E

Summary of Earlier Records from 10-year Sheets:

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
	C 1912 - 1912-14 D 1915-16 d 1919 28 10 7, 20 19 8	D 1920, 22-27, 30 d 1928-29, 1921	D 1931 - 1932 d 1933-40	d	