

## RAINFALL AT Merthyr Tydfil Penbury Filters

Lat.

Lon.

County of Glamorgan

Rain Gauge, by

Observer T. T. Harvey Esq. C.I.

Probably old "battery" g. from Neuadd.

Saff-6.

Diameter ...										5	
Height .....										10	
Altitude ...										936	
Year ...	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ...										3.20	3.07
February ...										3.12	1.04
March .....										5.74	5.21
April .....										3.22	4.64
May .....										3.72	2.38
June.....										1.24	3.91
July .....										4.41	3.26
August .....										7.59	2.61
September .....										3.64	5.10
October ...										5.36	11.44
November .....										3.87	2.16
December...										5.47	10.33
TOTALS ...										50.58	55.19

1908 Merthyr Station G.W.R.

104087

at Maesteg Ysgafil Penbywn TaffauObserver J. F. Hanvey Esq C.I.gauge  
app 6

Rain Gauge, by \_\_\_\_\_

Diameter ...	5											
Height .....	1. 0											
Altitude ...	936											
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS. Totals	
January ...	7.10	1.67	6.55	9.05	3.51	5.87	4.51	2.05	4.94	7.65	19.15	✓
February ...	8.36	5.01	4.57	3.55	9.04	10.25	8.28	1.37	4.39	4.62	18.66	✓
March .....	2.00	1.91	9.96	9.58	8.72	1.11	3.89	3.67	2.99	6.41	16.94	✓
April .....	3.98	2.54	.61	9.53	2.22	1.64	2.94	2.19	2.89	5.89	10.31	✓
May .....	2.29	1.74	1.87	3.57	2.92	3.22	3.48	4.39	2.19	1.87	11.33	✓
June.....	5.90	3.73	6.72	2.74	2.82	1.71	2.74	3.14	1.53	1.86	9.27	✓
July .....	4.61	.33	4.85	.96	6.36	6.38	1.37	3.06	5.63	8.46	12.52	✓
August .....	8.72	2.72	10.99	3.31	4.33	2.18	5.53	11.26	3.11	4.16	24.06	✓
September ..	4.44	3.68	1.23	3.45	2.59	1.11	2.89	3.39	11.31	2.56	20.15	✓
October ...	4.78	4.73	6.40	6.17	3.59	4.81	13.24	7.50	3.64	3.50	26.68	✓
November ...	6.97	8.49	4.05	7.66	7.02	3.89	6.28	3.63	5.20	3.94	18.95	✓
December ...	11.09	15.19	8.75	2.99	11.90	13.09	3.98	1.36	9.68	10.89	25.91	✓
TOTALS ...	66.34	51.74	66.55	62.56	65.02	54.76	59.11	46.91	57.50	50.41	213.93	PP
	D	D	D	D	D	D	D	D	D	D		

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
			<u>Merthyr</u>					

RAINFALL at Martyns Tŷdfil Penbryn FfôrCounty of Glamorgan

Observer

J. F. Harvey Esq. cl.

River Basin

Taff 6

Rain Gauge, by

M.L.

Diameter ...	5											
Height .....	10											
Altitude ...	936											
Year ..	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.	
January ...	7.00	1.56	6.53	8.99	3.47	5.93	4.48	1.90	4.91	7.60		
February ...	7.81	4.71	4.63	3.68	9.09	10.26	8.27	1.31	4.42	4.64		
March .....	1.97	1.80	9.92	9.55	8.71	1.10	3.78	3.69	2.97	6.45		
April .....	3.28	2.24	.54	9.54	2.16	1.68	2.98	2.15	2.88	2.26		
May .....	2.16	1.62	1.86	3.50	2.88	3.12	3.43	4.32	2.21	1.88		
June .....	5.74	3.56	6.73	2.71	2.73	1.65	2.61	3.15	1.52	1.79		
July .....	4.41	.28	4.82	.91	6.39	6.35	1.32	3.03	5.60	2.84		
August .....	8.69	2.41	10.98	3.28	4.09	2.13	5.49	11.84	3.04	4.09		
September ..	.41	3.34	1.22	3.44	2.62	1.07	2.90	3.39	10.43	2.51		
October ...	4.61	4.04	6.38	6.16	3.60	4.81	13.21	7.49	3.62	2.24		
November ...	6.62	8.12	3.94	7.62	7.11	3.88	6.27	3.51	5.19	3.87		
December ...	11.09	15.42	8.68	2.94	12.16	12.98	3.95	1.32	9.68	10.78		
TOTALS ...	63.79	49.10	66.13	62.22	65.01	54.41	58.69	46.60	56.77	49.40	57.252	

1910 See annual est'd for 2 gauge, both ends.

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

RAINFALL at Merthyr Tydfil (Bac-yr-tyff)County of GlamorganObserver J. F. Harvey Esq., C.E.River Basin Taff - 6

1923 A. J. Marshall Esq. C.E.

(1923) Rain. Obs.  
 1124 { Snowdon - Rain Gauge, by No 2  
coast & sound  
Glass - flat bottom - convex

Bord Enff Merthyr Tydfil

Diameter ...	5"							5			
Height .....	1.0		1.6			1.3	1.3				
Altitude ...	936						937				
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1920-29 Totals 1930.
January ...	8.15	7.68	5.77	4.14	7.29	6.66	8.38	7.32	10.68	2.56	11.07
February ...	2.68	2.6	7.04	14.32	6.0	10.39	4.80	5.37	5.71	1.84	.78
March .....	6.81	6.31	5.25	2.04	2.51	1.51	1.64	5.89	5.94	.90	3.99
April .....	10.00	1.28	3.93	3.86	5.08	4.00	3.30	2.07	2.23	.67	5.11
May .....	3.36	1.78	1.50	3.24	4.96	5.85	3.27	2.22	1.18	4.42	2.53
June .....	3.20	.57	1.37	.77	2.86	.00	2.57	4.78	5.11	3.44	1.44
July .....	6.70	2.10	5.95	3.42	7.34	3.03	3.01	5.40	2.61	4.18	4.66
August .....	2.17	5.72	4.09	4.34	5.99	5.69	4.38	8.51	4.86	3.20	6.99
September...	4.76	2.90	3.93	5.39	8.70	4.38	2.37	6.46	1.78	2.25	6.63
October.....	5.33	2.62	1.87	10.29	7.00	7.79	5.13	5.28	11.51	9.05	9.05
November...	3.01	4.68	2.37	4.60	4.97	3.23	13.36	4.81	10.15	16.85	6.72
December...	7.92	4.87	9.04	5.23	10.35	5.34	.54	3.88	6.14	16.40	6.02
TOTALS.	64.09	40.41	52.13	61.64	67.70	59.84	52.75	61.99	67.90	65.76	64.99
	0	0	0	0	0	0	0	0	0	0	0

1920-29  
Totals

1930

VDP

Inspired 13. 20. 11. 14. 6. 3 ft. from door to small reservoir in sheltered enclosure. Excellent exposure. Trees or walls at convenient distance all around.

1930. Read 9 a.m. in winter.  
" " " Summer.

Position of Station on reduced Ordnance Survey Map, 2 miles to 1 inch Series } No. of Map \_\_\_\_\_ Reference No. \_\_\_\_\_

Date.	Lat. N.	Long. W.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge	Direction
1926	51° 46'	3° 24'	Merthyr	1.04 mi	S.S.W.	Merthyr	1.23 mi	S.S.W.

RAINFALL at ~~Merthyr Tydfil (Pantyfelin Hill)~~County of GlamorganObserver J. F. Harvey, Esq., C.E.River Basin Taff - 6u.24 { Snowdon Rain Gauge, by \_\_\_\_\_  
Cwmwd Gwili  
M.

Diameter ...	5"										
Height .....	1.0										
Altitude ...	926										
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	MEANS.
January ...	8.20	7.67	5.81								
February ...	2.70	2.25	6.97								
March .....	6.85	6.30	5.20								
April .....	9.96	1.24	3.88								
May .....	3.52	1.74	1.41								
June .....	3.19	1.49	1.30								
July .....	6.70	2.05	5.89								
August .....	2.13	5.70	4.05								
September...	4.77	2.87	3.95								
October.....	5.33	2.62	1.83								
November...	9.05	4.65	2.33								
December...	7.85	4.50	9.01								
TOTALS...	64.05	40.08	51.62	H							
	M										

Inspected by J. F. Harvey, Esq., C.E. at gauge.

Position of Station on reduced Ordnance Survey Map, 2 miles 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

RAINFALL at *Merthyr Tydfil (Penygraen Station)*County of *Glamorgan*Observer *A.T. Marshall, B.E.*River Basin *6 - Taff*Type of Gauge *Standard*

Annual Average 54.0 in. based on 16 years obs. un-weighted. Period of average 1881-1915. Ref. S

*# 302785/84*

Diameter	5											1931-40 Means Totals
Height	1.3											
Altitude	937											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940		
January	5.16	11.75	4.09	7.57	1.80	9.07	10.88	9.03	9.86	3.51	73.02	
February	5.16	2.22	4.90	1.62	7.51	3.35	9.14	3.76	5.27	4.61	44.54	
March	1.09	4.34	4.68	4.76	1.78	4.70	4.08	1.00	3.08	4.45	33.96	
April	4.79	5.28	1.62	4.12	7.43	3.60	3.90	1.24	4.49	5.45	40.92	
May	4.65	7.81	2.23	2.87	1.81	1.84	2.07	4.54	1.18	1.90	30.90	
June	4.89	2.39	3.99	1.13	6.86	3.83	2.10	3.77	3.92	1.42	34.60	
July	5.32	4.27	4.19	1.46	1.25	9.83	2.85	5.14	13.79	5.91	54.01	
August	6.01	1.16	1.32	5.11	2.08	1.02	1.33	6.32	3.80	5.52	28.67	
September	2.33	6.05	2.60	4.33	9.51	4.31	2.91	2.64	0.91	2.58	38.17	
October	1.69	11.18	8.33	6.31	8.77	3.83	4.11	8.83	5.69	8.63	64.27	
November	15.24	3.82	1.56	3.54	9.04	6.63	2.78	9.71	11.99	12.91	77.22	
December	3.79	4.65	2.23	13.65	6.06	10.42	4.35	6.63	3.54	3.98	59.00	
TOTALS	60.12	62.82	42.04	55.77	63.90	62.43	50.50	61.61	67.32	55.77	582.28	XBR

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	Parish Church.	Distance from gauge
1931.			Merthyr	1.04 m. SSW		Merthyr.	1.23 m. SSW

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

Station No. 4087

## RAINFALL at Maentwrog Tydfil (Pen-y-gwyn Fillets)

41

County of Gwynedd

Observer A.J. Marshall E.E.

River Basin 6-Taff

E.W. Mitchell Esq (1946)

Type of Gauge Standard

D.C.W. Jones Esq (1947)

Annual Average 54.0 in. based on 16 years obs. un-weighted. Period of average 1881-1915 Ref. S

File No. 302785/34

Diameter	5			489	394						
Height	1	3				1					
Altitude	937					41					
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	5.38	5.85	11.97	6.52	3.90	7.56	5.45	11.62	1.94	1.68	61.87
February	5.90	3.9	4.05	1.39	7.66	5.94	1.83	2.77	3.09	10.33	43.35
March	4.65	4.13	1.40	1.41	2.66	1.90	10.04	3.15	9.50	3.16	33.90
April	1.45	3.27	1.99	3.74	2.79	1.48	5.89	3.36	4.73	3.96	32.66
May	3.28	8.11	6.13	3.26	4.67	4.56	3.32	2.94	5.39	4.72	46.38
June	2.67	1.09	3.66	3.74	5.43	5.22	3.06	4.34	1.07	2.60	31.88
July	2.74	3.86	3.88	3.64	5.62	2.72	2.71	1.89	1.05	6.17	34.28
August	7.94	6.70	5.19	5.75	3.98	8.39	.61	6.06	4.41	7.92	56.95
September	1.15	4.33	5.32	5.41	4.65	8.62	2.77	5.08	3.30	7.40	48.03
October	10.35	4.92	5.85	9.17	7.42	1.40	1.58	5.45	10.61	3.15	59.90
November	4.57	1.98	4.93	10.20	1.86	11.58	6.26	3.39	6.37	6.42	55.56
December	5.34	10.08	3.61	6.74	9.11	6.45	4.52	11.58	7.06	3.53	68.02
TOTALS	55.32	52.71	57.98	59.97	58.75	65.82	48.04	61.63	51.52	61.04	572.78

XBP

1148 feet off 1915 S.K.

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	Parish Church.	Distance from gauge

Air Ministry, Meteorological Office

Station No. 4087

RAINFALL at Merthyr Tydfil (Bryngwyn Fitter)

County of Glamorgan

Observer D.C. W. Jones, Esq.

River Basin 6-Taff.

Type of Gauge Snowdon.

Annual Average 54.0 in. based on 16 years obs. un-weighted. Period of average 1881-1915 Ref. 8  
 " " 57.19 " 38 " " within 1916-56 " File No. 302785/34 S

Diameter ...	5"			489	394						
Height ...	1-3"				1						
Altitude ...	937'				51						
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	6.94	6.09	1.94	3.24	4.19	8.33	6.84	4.38	7.23	7.36	5654
February ...	6.66	1.50	2.35	4.73	2.34	0.69	8.52	8.10	.49	7.11	6250
March ...	6.07	4.28	3.65	5.00	3.29	3.20	6.33	1.84	7.12	3.08	4286
April ...	4.88	4.20	3.80	1.08	1.58	1.79	0.18	1.63	6.36	4.52	3002
May ...	3.33	3.36	3.50	3.18	6.45	1.58	2.86	4.90	2.01	2.24	2341
June ...	1.35	3.71	2.65	6.08	7.11	3.51	1.26	4.65	2.77	3.07	3636
July ...	1.44	1.95	5.62	4.52	0.57	5.28	5.14	4.75	5.12	5.35	3974
August ...	5.55	6.60	5.62	5.82	1.28	6.88	4.25	5.72	1.25	5.12	4709
September ...	5.99	3.79	6.26	6.96	2.69	6.08	8.55	9.56	.29	4.76	5603
October ...	1.39	7.32	4.89	9.73	14.48	2.64	4.60	7.57	6.95	8.46	5753
November ...	13.27	3.92	4.36	13.12	6.31	2.50	4.29	3.16	10.02	14.12	7507
December ...	6.30	4.83	1.65	6.64	8.31	9.34	5.68	6.31	14.76	7.31	7113
TOTALS ...	63.17	51.55	46.29	70.10	48.60	50.82	58.51	62.57	64.67	72.50	5818

1952. Nov. part est. snow.

X

1954. Fitter beds at ground level, 1' w.

No imp.

1960. print with query.

Position of Station on Ordnance One-Inch map: No. of Map: National Grid Reference: 50/32/050077

Date	Lat. N.	Long.	Railway Station	Distance from gauge	Parish Church	Distance from gauge
1954			Merthyr	1 S	Merthyr	1 S

Summary of Earlier Records from 10-year Sheets: 1916-50 P rejected

Record D, or d		1910-19	1920-30	1931-40	1941-50	1951-60
		/	/	/	/	/45d