

RAINFALL at Merthyr, MawrCounty of FlanaganObserver Meteorological OfficeRiver Basin Ogmore & 5L. J. J. Nichol per M. O.

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

Diameter ...												
Height .....												
Altitude ...				74								
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	1910-19 MEANS TOTAL	
January ...		1.25	5.33	7.07	2.31	4.54	2.83	2.13	4.62	5.75	15.33	/
February ...		3.59	2.82	1.36	3.58	5.87	6.02	2.48	3.15	5.07	16.72	✓
March .....		2.26	6.23	5.86	6.76	1.29	3.27	2.36	1.82	5.77	13.22	✓
April .....		1.95	.31	4.74	2.44	1.55	2.56	1.85	2.56	1.94	8.91	✓
May .....		2.41	1.54	2.48	2.26	2.30	3.30	3.90	1.89	1.32	10.41	✓
June .....		2.49	7.10	2.30	2.72	1.93	2.64	3.31	1.78	1.54	9.27	✓
July .....		0.27	3.87	.60	6.28	5.24	1.65	4.46	4.18	1.93	12.22	✓
August .....		1.87	10.07	1.28	4.37	1.84	3.46	8.92	3.28	2.42	18.08	✓
September ..		3.05	1.14	3.10	2.82	2.15	3.54	3.19	12.33	2.58	21.64	✓
October ...		3.61	5.35	4.07	3.23	4.94	9.83	6.08	3.54	2.05	21.50	✓
November ..		4.93	3.87	6.79	4.14	2.99	2.87	3.08	4.62	3.67	14.24	✓
December...		4.90	6.49	2.30	6.07	8.04	3.58	1.26	7.38	8.13	20.35	✓
TOTALS ...		35.58	54.12	41.95	46.78	42.68	45.25	43.02	51.15	42.17	191.89	X
		2	2	2	3	3	5			2		

1911-15 Daily values in bound volume, shelf C5, R.14.

BP

1916. Total corr. for area.

27.9.52. Bel.

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
51.29.	3.36. W							

RAINFALL at *Merthyr Tydfil*County of *Glamorgan*Observer *Lieut. Col. J. B. Nicholl*River Basin *Demon - 5*

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

Diameter ...	8"			5				5					
Height .....	10"							1 6					
Altitude ...	74	70	75					75					
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	Mean 1930	1920-30 Totals	
January ...	5.42	6.48	4.00	4.65	5.70	4.06	6.89	5.23	7.96	2.51	6.06	58.96	
February ...	2.09	2.5	4.16	8.97	.79	6.01	3.83	3.34	4.44	1.53	.69	36.16	
March .....	5.50	3.33	(4.40)	2.26	2.81	1.19	.83	3.59	4.25	1.26	2.57	31.99	
April .....	5.39	1.24	3.20	3.68	3.30	3.10	2.14	2.04	1.57	1.04	3.53	30.23	
May .....	3.55	2.21	1.85	3.03	3.83	5.27	2.37	1.61	0.97	3.00	3.34	31.03	
June .....	3.18	13	1.49	.70	2.51	.20	2.12	3.45	4.10	2.76	.96	21.60	
July .....	6.26	1.87	5.08	2.74	6.43	3.86	3.23	4.89	2.17	3.04	3.42	43.01	
August .....	3.02	3.64	4.35	4.55	7.74	5.85	4.17	5.16	3.66	4.11	7.82	54.07	
September...	3.49	3.41	3.70	4.33	6.03	5.41	2.40	7.07	1.99	1.30	6.38	45.81	
October .....	3.60	2.31	.72	6.98	5.33	5.67	3.23	2.97	8.44	5.85	7.45	52.75	
November...	2.67	3.77	1.89	3.93	4.12	2.51	8.41	4.31	4.95	9.95	6.14	52.65	
December...	5.07	3.54	6.80	5.63	6.03	3.65	.47	2.78	4.62	6.43	6.16	51.18	
TOTALS...	49.2	43.28	41.64	51.45	54.84	47.08	40.09	46.44	49.12	42.78	54.52	509.38	
	D	D	D	D	D	D	D	D	D	D	D	38	

1921. Boreline 70 ft. Rie 40 yds. W

1922. Boreline corr. for river

1923. Wall 8 ft. high 12 yds. W.

" 10 " " 20 " 15 "

1930. G. read in Wind. 9 a.m.

" " " Summer 8 ...

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	Parish Church.	Distance from gauge	Direction
1920.	51° 29'	3° 36' W	Bridgend	2 m.	N.E.	Merthyr Tydfil	1/2 m.	W.
			S.M.A.					

RAINFALL at *Meethys Manor*County of *Glamorgan*Observer *Col. J. D. Nicholl (1932)*River Basin *5-0gmore &c.**R. J. Nicholl Esq.*

Type of Gauge .....

Annual Average *42.2* in. based on *11* years obs. *un*-weighted. Period of average *1881-1915*. Ref *5*

842263/28

Diameter	5.											
Height	1.0			1.6								
Altitude	300			70					75			
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means 1931-40	Total
January	3.98	4.71	2.68	4.01	1.29	5.21	4.66	5.96	6.31	4.91	43.72	
February	5.08	.11	3.71	.96	3.50	2.06	7.71	1.85	2.43	4.68	32.09	
March	1.61	2.07	3.51	3.00	1.37	3.93	2.67	.87	1.83	3.26	24.12	
April	3.46	2.95	2.80	3.42	6.04	3.04	3.92	.30	4.11	3.31	33.65	
May	4.83	5.45	2.24	1.78	1.97	1.56	2.20	3.93	1.12	1.74	26.82	
June	4.28	2.03	2.31	1.72	3.17	3.52	1.66	3.03	2.91	.73	25.36	
July	5.06	5.63	3.39	7.6	1.27	8.30	3.14	4.62	8.03	4.29	44.49	
August	4.36	1.24	1.50	6.17	2.26	1.28	1.02	5.64	3.71	.39	27.37	
September	2.70	6.61	2.34	3.64	7.64	4.35	3.09	2.29	2.29	2.12	37.07	
October	1.44	9.29	5.38	3.60	0.11	2.77	3.80	6.44	4.07	6.27	49.14	
November	6.88	2.83	1.70	1.97	6.61	5.82	2.83	6.30	10.13	9.46	54.53	
December	2.70	3.11	1.95	11.17	4.42	3.93	2.83	5.18	3.07	4.40	42.76	
TOTALS	46.38	46.03	33.31	42.20	45.65	45.74	39.53	46.41	50.31	45.56	441.2	✓BP

1931. wall 8' high, 20 yds. N.

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.			Bridgend	2 m.	NE	Meethys Manor	1/2 m.	SW.



Station No. H.061RAINFALL at Merthyr Mawr

41

County of GlamorganObserver R. T. Nicholl, Esq.River Basin S. Ogmore &c.Type of Gauge SnowdonAnnual Average 42.9 in. based on 11 years obs. un-weighted. Period of average 1881-1915 Ref SFile No. 8472.63/28

Diameter	5			5		493	190				
Height	1 6			1' 0"			1				
Altitude	75						41				
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	1941-50 Means 761.15
January	4.75	4.89	7.76	4.60	5.46	3.73	3.74	9.80	2.26	1.74	48.73
February	4.41	.51	1.81	2.43	4.99	3.63	.88	1.94	1.93	6.34	28.67
March	2.89	3.54	1.18	.33	1.95	1.34	8.89	1.50	2.58	2.01	26.21
April	2.50	1.17	1.24	3.80	1.70	1.87	2.53	2.18	2.18	3.61	22.78
May	2.15	4.83	3.64	1.61	4.78	4.95	3.34	3.12	2.59	1.27	32.28
June	1.90	.46	4.04	3.94	4.12	5.17	2.17	4.11	.89	1.75	28.55
July	4.24	4.54	2.77	3.46	3.47	2.97	4.81	2.34	1.18	6.07	35.85
August	7.26	5.51	4.02	6.32	2.86	3.08	1.61	8.25	3.98	8.10	56.05
September	.72	3.83	5.85	4.45	3.03	6.38	2.87	4.83	4.92	8.70	45.58
October	3.53	5.06	3.72	6.11	4.57	1.22	1.77	6.96	2.00	3.38	45.32
November	2.51	1.17	3.34	3.70	.95	6.97	4.87	3.45	5.58	7.30	45.84
December	4.65	6.35	3.70	4.27	7.25	4.49	4.01	4.29	4.39	3.31	46.71
TOTALS	41.51	41.92	43.07	51.02	45.13	50.80	41.49	52.77	41.48	53.58	462.77

1845 Gauge tested &amp; found sound. Tullio 6' high 80' Tides 135' 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.

BRITISH RAINFALL ORGANIZATION

# Air Ministry, Meteorological Office

Station No. 4061

RAINFALL at Merthyr Mawr.

County of Glamorgan

Observer R.I. Nicholls, Esq.

River Basin 5-Ogmore & C.

Type of Gauge Snowdon.

Annual Average 42.9 in. based on 11 years obs. un-weighted. Period of average 1881-1915 Ref. S

" " 45.58 " " 35 " " 1916-50 " " 1916 50 File No. 842263/28 P

Diameter ...	<u>5"</u>				<u>493</u>	<u>190</u>					
Height ...	<u>1'-0"</u>					<u>1</u>					
Altitude ...	<u>75'</u>					<u>51</u>					
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	<u>5.72</u>	<u>4.71</u>	<u>1.67</u>	<u>3.26</u>	<u>3.19</u>	<u>6.18</u>	<u>3.46</u>	<u>3.15</u>	<u>5.24</u>	<u>5.05</u>	<u>4163</u>
February ...	<u>4.30</u>	<u>1.01</u>	<u>1.97</u>	<u>5.47</u>	<u>3.12</u>	<u>0.60</u>	<u>5.38</u>	<u>4.77</u>	<u>.37</u>	<u>3.24</u>	<u>3023</u>
March ...	<u>5.64</u>	<u>3.86</u>	<u>1.72</u>	<u>3.99</u>	<u>1.48</u>	<u>1.41</u>	<u>5.30</u>	<u>0.85</u>	<u>3.96</u>	<u>2.54</u>	<u>3075</u>
April ...	<u>4.15</u>	<u>3.13</u>	<u>3.68</u>	<u>1.03</u>	<u>3.14</u>	<u>1.98</u>	<u>.31</u>	<u>0.77</u>	<u>3.59</u>	<u>3.12</u>	<u>2490</u>
May ...	<u>3.17</u>	<u>4.48</u>	<u>2.44</u>	<u>2.12</u>	<u>4.38</u>	<u>1.67</u>	<u>1.59</u>	<u>4.46</u>	<u>.99</u>	<u>1.28</u>	<u>2658</u>
June ...	<u>0.57</u>	<u>3.28</u>	<u>3.07</u>	<u>5.14</u>	<u>6.40</u>	<u>3.19</u>	<u>1.04</u>	<u>4.97</u>	<u>2.15</u>	<u>1.47</u>	<u>3128</u>
July ...	<u>1.54</u>	<u>1.71</u>	<u>5.84</u>	<u>6.45</u>	<u>1.28</u>	<u>4.36</u>	<u>5.22</u>	<u>4.57</u>	<u>4.72</u>	<u>7.41</u>	<u>4312</u>
August ...	<u>7.13</u>	<u>6.75</u>	<u>6.56</u>	<u>4.37</u>	<u>0.47</u>	<u>6.80</u>	<u>4.55</u>	<u>5.30</u>	<u>3.06</u>	<u>4.24</u>	<u>4923</u>
September ...	<u>4.33</u>	<u>4.62</u>	<u>4.82</u>	<u>6.01</u>	<u>2.64</u>	<u>5.87</u>	<u>6.13</u>	<u>6.57</u>	<u>.58</u>	<u>6.11</u>	<u>4770</u>
October ...	<u>1.84</u>	<u>5.23</u>	<u>2.63</u>	<u>6.92</u>	<u>3.47</u>	<u>1.98</u>	<u>4.36</u>	<u>6.25</u>	<u>6.28</u>	<u>6.02</u>	<u>4498</u>
November ...	<u>8.55</u>	<u>4.26</u>	<u>4.31</u>	<u>8.90</u>	<u>3.23</u>	<u>1.48</u>	<u>3.37</u>	<u>4.21</u>	<u>6.77</u>	<u>10.26</u>	<u>5536</u>
December ...	<u>3.04</u>	<u>5.79</u>	<u>2.34</u>	<u>5.29</u>	<u>7.86</u>	<u>5.39</u>	<u>1.97</u>	<u>5.42</u>	<u>9.12</u>	<u>6.50</u>	<u>5272</u>
TOTALS ...	<u>40.98</u>	<u>48.83</u>	<u>41.05</u>	<u>58.95</u>	<u>40.66</u>	<u>40.91</u>	<u>42.70</u>	<u>51.33</u>	<u>46.83</u>	<u>57.24</u>	<u>47848</u>
	<u>M</u>	<u>H</u>	<u>P</u>	<u>H</u>	<u>D</u>	<u>H</u>	<u>H</u>	<u>M</u>	<u>DX</u>		

*No Imp.*

Position of Station on Ordnance One-Inch map:

No. of Map: \_\_\_\_\_

National Grid Reference 88/21/284779

Date	Lat. N.	Long.	Railway Station	Distance Direction from gauge	Parish Church	Distance Direction from gauge
<u>1958</u>			<u>Bridgend</u>	<u>2 miles</u>	<u>Merthyr Mawr</u>	<u>1/2 m</u>

Summary of Earlier Records from 10-year Sheets:

1916-50 P accepted.

Record	1910-19	1920-30	1931-40	1941-50	1951-60
<u>or d</u>	<u>1911</u>	<u>✓</u>	<u>✓</u>	<u>✓</u>	
	<u>✓ 1916-18 blank</u>	<u>✓ 21+23 blank</u>	<u>✓ 36+40 blank</u>	<u>only 76 rest blank</u>	