

RAINFALL AT *Merthyr Tydfil Penryn Tillery*

Lat. _____

Lon. _____

County of *Glamorgan*

Rain Gauge, by _____

Observer *T. F. Hanvey Esq. C.E.*

Probably old "battery" g. from Neuadd.

Jaff-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	4.68	
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 f.w.R.

at Marthys Tjodfil Penbryn FfiliObserver J. F. Harvey Esq. CL.

Rain Gauge, by

Diameter ...	5											
Height	1.0											
Altitude ...	936											
Year	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	1910-19 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	2.29	10.31	✓
May	2.29	1.74	1.87	3.57	2.92	3.22	3.48	4.39	2.19	1.27	11.33	✓
June	5.90	3.73	6.72	2.74	2.82	1.71	2.74	3.14	1.53	1.16	9.27	✓
July	4.61	.33	4.85	.96	6.36	6.38	1.37	3.06	5.63	2.46	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 ..	.44	3.68	1.23	3.45	2.59	1.11	2.89	3.39	11.31	2.56	20.15	✓
October ...	4.88	4.73	6.40	6.17	3.59	4.31	13.24	7.50	3.64	2.50	26.68	✓
November ..	6.97	8.49	4.05	7.66	7.02	3.89	6.28	3.53	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	66.91	57.50	50.41	213.93	✓
	D	D	D	D	D	D	D	D	D	D		BP

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

RAINFALL at Merthyr Tydfil Penbryn FelloCounty of GlamorganObserver J. F. Harvey Esq. C.E.River Basin Taff 6

Rain Gauge, by _____

No.

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	4.53	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	1.33	
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	2.34	
August	8.69	2.41	10.98	3.28	4.09	2.13	5.49	11.34	3.04	4.09	
September ..	.41	3.34	1.22	3.44	2.62	1.07	2.90	3.39	10.73	2.51	
October ...	4.61	4.04	6.38	6.16	3.60	4.31	13.21	7.49	3.62	2.34	
November ...	6.62	8.12	3.94	7.62	7.11	3.83	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	49.10	57.252

1910 Dec amount est'd for 2 days, both empty.

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

RAINFALL at *Merthyr Tydfil (Penryn Hill)*County of *Glamorgan*Observer *L. J. Hoarney Esq. G.E.*River Basin *Taff - 6*1923 *A. J. Marshall Esq. G.E.*51-24 { *London - Rain Gauge, by N42**Board Esq. Merthyr Tydfil**Glass - flat bottom - correct*

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	1930. 1930.	1920-30 Totals.
January ...	8.15	7.68	5.77	4.14	7.29	6.66	8.38	7.32	10.68	2.56	11.07	79.70
February ...	2.68	2.6	7.04	14.32	6.5	10.39	4.80	5.37	5.71	1.84	.78	53.84
March	6.81	6.31	5.25	2.04	2.51	1.51	1.64	5.89	5.94	.90	3.99	42.79
April	10.00	1.28	3.95	3.86	5.08	4.00	3.30	2.07	2.23	.67	5.11	41.55
May	3.36	1.78	1.50	3.24	4.96	5.88	3.27	2.22	1.18	4.42	2.53	34.31
June	3.20	.57	1.37	.77	2.86	.00	2.57	4.78	5.11	3.44	1.44	26.05
July	6.70	2.10	5.95	3.42	7.34	3.03	3.01	5.40	2.61	4.18	4.66	48.40
August	2.17	5.72	4.09	4.34	5.99	5.69	4.38	8.51	4.86	3.20	6.99	55.94
September...	4.76	2.90	3.93	5.39	8.70	4.38	2.37	6.46	1.78	2.25	6.63	49.55
October	5.33	2.62	1.87	10.29	7.00	7.79	5.13	5.28	11.51	9.05	9.05	74.92
November...	3.01	4.68	2.37	4.60	4.97	3.23	13.36	4.81	10.15	16.85	6.72	74.75
December...	7.92	4.57	9.04	5.23	10.35	5.34	5.4	3.88	6.14	16.40	6.02	75.43
TOTALS.	64.09	40.41	52.13	61.64	67.70	57.84	52.75	61.90	67.90	65.76	64.99	657.23

Impaled by 20. v. 24. 3. 3 ft. from deep to small reservoir in sheltered enclosure. Excellent exposure. Trees or banks at convenient distance all around.

1930. *G. read 9 a.m. in winter.**" " " Summer.*Position of Station on reduced Ordnance Survey } No. of Map _____ Reference No. _____
Map, 2 miles to 1 inch Series

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

RAINFALL at *Methkeir Lydfild (Poultrop Hill)*County of *Glamorgan*Observer *J. F. Harvey, Esq., C.E.*River Basin *Taff - 6*vi. 24 { *Snowdon* - Rain Gauge, by *M.*
Cometdarn

Diameter ...	5"										
Height	1.0										
Altitude ...	936										
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	MEANS.
January ...	8.20	7.67	5.81								
February ...	2.70	2.5	6.97								
March	6.85	6.30	5.20								
April	9.96	1.24	3.88								
May	3.32	1.74	1.41								
June	3.19	4.9	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...	3.05	4.65	2.33								
December...	7.85	4.50	9.01								
TOTALS...	64.05	40.08	51.63								
<i>M</i>											

*Inspected 7.3.20. vi. 24. alongside D 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

RAINFALL at *Merthyr Tydfil (Penyryn Fawr)*County of *Glamorgan*Observer *A.J. Marshall, G.E.*River Basin *6-Left*Type of Gauge *Snowdon*Annual Average *54.0* in. based on *16* years obs. ~~un~~-weighted. Period of average *1881-1915* Ref. *S**f 302785/34*

Diameter	5											
Height	1.3											
Altitude	937											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	Totals
January	5.16	11.75	4.39	7.57	1.80	9.07	10.88	9.03	9.86	3.51	73.02	
February	5.16	2.22	4.90	6.2	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	2.24	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	14.3	6.86	3.83	2.10	3.77	3.92	1.42	34.60	
July	5.32	4.27	4.9	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	.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	8.53	67.27	
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	4.55	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	✓ 38

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.			Merthyr	1.04 m.	SSW.	Merthyr.	1.23 m.	SSW.

Station No. 4081

RAINFALL at Mar-chy Tydfel (Penybryn Falls)

41

County of GlamorganObserver A.J. Marshall C.E.River Basin 6-TaffE.W. Mitchell, Esq. (1946)Type of Gauge SunwardD.C.W. Jones Esq. (1947)Annual Average 54.0 in. based on 16 years obs. ~~un~~-weighted. Period of average 1881-1915 Ref. SFile No. 302785/34

Diameter	5				489	394					
Height	13					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	2.50	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	6.1	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 D	52.71 D	57.98 D	59.97 D	58.75 D	65.82 D	48.04 D	61.63 D	51.52 D	61.04 D	572.78

1948 falling off 1949 on

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.

Air Ministry, Meteorological Office

RAINFALL at

Merthyr Tydfil (Empoyr Ffili)

Station No. *4087*

County of

Glamorgan

Observer

D. C. W. Jones, Esq.

River Basin

6-Jaff

Type of Gauge

Snodden

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

Ref. *S*

" *57.19* "

" *38* "

" " "

" " "

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" " "

" " "

" " "

" " "

File No. *302785/34*

Diameter ...	<i>5"</i>				<i>489</i>	<i>394</i>					
Height ...	<i>1-3"</i>					<i>1</i>					
Altitude ...	<i>937'</i>					<i>51</i>					
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	<i>6.94</i>	<i>6.09</i>	<i>1.94</i>	<i>3.24</i>	<i>4.19</i>	<i>8.33</i>	<i>6.84</i>	<i>4.38</i>	<i>7.23</i>	<i>7.36</i>	<i>5654</i>
February ...	<i>6.66</i>	<i>1.50</i>	<i>2.35</i>	<i>4.73</i>	<i>2.34</i>	<i>0.69</i>	<i>8.53</i>	<i>8.10</i>	<i>.49</i>	<i>7.11</i>	<i>6250</i>
March ...	<i>6.07</i>	<i>4.25</i>	<i>3.65</i>	<i>5.00</i>	<i>3.29</i>	<i>3.20</i>	<i>6.33</i>	<i>1.84</i>	<i>7.12</i>	<i>3.08</i>	<i>4286</i>
April ...	<i>4.88</i>	<i>4.20</i>	<i>3.80</i>	<i>1.08</i>	<i>1.58</i>	<i>1.79</i>	<i>0.18</i>	<i>1.63</i>	<i>6.36</i>	<i>4.52</i>	<i>3002</i>
May ...	<i>3.33</i>	<i>3.36</i>	<i>3.50</i>	<i>3.18</i>	<i>6.45</i>	<i>1.58</i>	<i>2.86</i>	<i>4.90</i>	<i>2.01</i>	<i>2.24</i>	<i>2341</i>
June ...	<i>1.35</i>	<i>3.71</i>	<i>2.65</i>	<i>6.08</i>	<i>7.11</i>	<i>3.51</i>	<i>1.26</i>	<i>4.65</i>	<i>2.77</i>	<i>3.07</i>	<i>3636</i>
July ...	<i>1.44</i>	<i>1.95</i>	<i>5.62</i>	<i>4.52</i>	<i>0.57</i>	<i>5.28</i>	<i>5.14</i>	<i>4.75</i>	<i>5.12</i>	<i>5.35</i>	<i>3974</i>
August ...	<i>5.55</i>	<i>6.60</i>	<i>5.62</i>	<i>5.82</i>	<i>1.28</i>	<i>5.88</i>	<i>4.25</i>	<i>5.72</i>	<i>1.25</i>	<i>5.12</i>	<i>4709</i>
September ...	<i>5.99</i>	<i>3.79</i>	<i>6.26</i>	<i>6.96</i>	<i>2.69</i>	<i>6.08</i>	<i>8.55</i>	<i>9.56</i>	<i>.29</i>	<i>4.76</i>	<i>5693</i>
October ...	<i>1.39</i>	<i>7.32</i>	<i>4.89</i>	<i>9.73</i>	<i>4.48</i>	<i>2.64</i>	<i>4.60</i>	<i>7.57</i>	<i>6.95</i>	<i>8.46</i>	<i>5753</i>
November ...	<i>13.27</i>	<i>3.92</i>	<i>4.36</i>	<i>13.12</i>	<i>6.31</i>	<i>2.50</i>	<i>4.29</i>	<i>3.16</i>	<i>10.02</i>	<i>14.12</i>	<i>7507</i>
December ...	<i>6.30</i>	<i>4.83</i>	<i>1.65</i>	<i>6.64</i>	<i>8.31</i>	<i>9.34</i>	<i>5.68</i>	<i>6.31</i>	<i>14.76</i>	<i>7.31</i>	<i>7113</i>
TOTALS ...	<i>63.17</i>	<i>51.55</i>	<i>46.29</i>	<i>70.10</i>	<i>48.60</i>	<i>50.82</i>	<i>58.51</i>	<i>62.57</i>	<i>64.07</i>	<i>72.50</i>	<i>58818</i>

1952 Nov. part est. snow.

1954. Letter 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 *50321054077*

Date	Lat. N.	Long.	Railway Station	Distance Direction from gauge		Parish Church	Distance Direction from gauge	
<i>1954</i>			<i>Merthyr</i>	<i>1</i>	<i>S</i>	<i>Merthyr</i>	<i>1</i>	<i>S</i>

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
	<i>✓</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>	
	<i>✓</i>	<i>✓</i>	<i>✓</i>	<i>45d</i>	