

RAINFALL AT Darantlas Reservoir Mountain Ash

Lat.

Lon.

County of Glamorgan

Gaff - 6 .

Rain Gauge, by

Observer J. Williams Esq

Diameter									5		
Height									1 0		
Altitude			2						552		
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January									2.61	2.79	
February83	2.21	
March									6.76	4.07	
April									1.98	3.76	
May									3.72	4.09	
June									3.96	.40	
July									9.00	5.20	
August									5.09	5.08	
September....									1.12	2.12	
October.....									3.90	6.17	
November....									11.08	2.93	
December....									10.05	4.07	
TOTALS									60.10	42.89	

RAINFALL AT Darrawlas Reservoir Mountain Ash

Lat. _____

Lon. _____

County of Glamorgan

Rain Gauge, by _____

Observer J. Williams Esq

Staff - 6.

Diameter	5											
Height	10											
Altitude	552											
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January	13.86	6.51	3.25	4.08	9.49	6.48	2.14	3.28	2.84	12.85	6.448	
February	1.48	.09	3.22	11.06	7.53	.08	1.15	5.55	3.10	6.56	3.982	
March	3.48	2.36	1.82	.72	7.48	6.78	7.29	8.80	1.38	3.02	4.210	
April	2.04	4.57	1.41	.22	3.77	4.59	1.06	6.73	3.64	6.44	3.447	
May	3.41	6.17	2.34	5.40	4.52	1.16	.06	2.45	4.97	4.58	3.506	
June	3.94	3.19	3.52	1.94	3.85	1.14	2.34	3.40	3.06	1.74	2.812	
July	4.30	3.14	3.58	4.85	5.37	8.08	3.11	3.24	.92	.84	3.744	
August	5.04	11.94	6.69	5.11	4.28	6.95	3.01	9.44	6.47	1.58	6.057	
September....	2.14	4.43	5.40	4.21	2.40	2.16	11.93	6.60	2.64	3.57	4.868	
October	2.48	13.98	5.30	6.38	9.86	4.88	7.82	3.72	8.77	5.38	6.857	
November....	7.52	7.35	5.50	3.15	10.04	12.16	1.44	7.32	8.16	6.08	6.872	
December	1.01	14.26	2.95	10.18	6.19	6.97	12.85	16.95	11.58	4.64	8.750	
TOTALS	50.70	77.99	44.99	57.31	74.78	61.38	54.20	77.48	57.54	57.28	61.365	

Gauge 50ft from the foot of the reservoir bank
13 ft high

Mountain Ash Station 0.3 mile ENE.

RAINFALL AT *Mountain Ash Darnall's Reservoir*

Lat.

Lon.

County of *Glamorgan*

Rain Gauge, by

Observer. *J. Williams Esq*
*W. S. Thomas Esq**21st - 6.*

Diameter ..	5										
Height	1	0									
Altitude ..	552	540									
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	7.57	4.48	3.44	10.77	11.38	1.84	11.06	3.84	4.48	3.00	6186
February ..	10.15	2.47	3.23	5.69	8.50	1.79	5.39	3.32	3.40	.97	4491
March	1.42	5.34	2.52	12.80	2.94	9.44	3.84	3.34	6.09	5.81	5354
April	2.98	7.89	2.59	2.41	3.68	5.17	1.33	4.26	3.54	4.66	3951
May	4.07	1.95	2.67	5.16	3.51	.41	4.87	4.37	4.15	2.20	3336
June	4.17	3.09	3.15	1.94	1.44	4.87	2.97	6.31	1.37	2.22	3253
July	3.95	1.67	2.17	3.19	6.59	2.27	1.01	4.46	4.89	3.02	3322
August	7.01	4.72	3.34	9.93	4.03	6.02	4.13	5.01	8.22	2.08	5449
September ..	3.35	4.44	3.37	6.15	3.85	4.85	1.38	1.37	4.80	5.82	3938
October	9.02	3.62	5.64	18.18	2.65	3.39	11.17	8.80	4.68	13.69	8084
November ..	7.18	3.32	5.96	3.28	4.11	7.46	5.37	4.66	4.22	3.26	4882
December ..	13.37	10.91	6.77	5.68	6.40	2.03	3.11	11.98	5.64	12.53	7942
TOTALS ..	74.24	53.90	45.85	86.18	59.08	49.54	55.63	61.72	55.48	60.26	60188

*1904 Mountain Ash Station 1/2 mile**W**21st**50 ft**1908 St. Margaret's Church**1/2 mile**S**Hub*

RAINFALL at Mountain Ash Darranbes ResCounty of GlamorganObserver W.E. Thomas EsqRiver Basin Taff 6

Rain Gauge, by

Av. 1916-1915 64.96

Diameter ...	5										
Height	0 11										
Altitude ...	540										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	8.47	2.23	7.43	11.37	4.40	6.35	6.81	1.60	7.10	9.43	
February ...	9.35	6.84	6.20	4.83	12.21	12.62	9.35	1.60	5.85	5.33	
March	2.59	2.18	11.91	11.79	10.05	1.37	3.17	3.86	3.76	7.98	
April	3.96	3.59	.48	10.58	2.93	1.75	2.79	3.02	2.75	2.58	
May	3.00	2.97	1.81	3.50	3.31	3.25	4.09	3.64	2.06	1.17	
June	6.71	3.97	7.11	2.75	2.23	2.16	3.80	2.93	3.59	2.36	
July	4.79	.41	6.27	.55	7.10	6.98	2.00	3.92	7.31	1.20	
August	8.83	4.54	12.90	2.34	4.82	2.79	5.40	13.34	3.27	4.65	
September28	4.33	1.73	3.27	3.34	1.30	3.00	4.02	13.92	3.04	
October ...	5.01	5.68	7.50	5.61	3.83	4.81	14.72	8.78	5.33	2.81	
November ...	7.89	10.60	4.49	10.39	8.66	4.15	7.29	3.71	5.85	4.10	
December ...	10.17	18.03	12.67	3.28	13.55	16.85	4.76	1.36	12.00	11.61	
TOTALS ...	71.05 109.5	65.37 5	80.30 5	70.36 5	76.46 5	64.38 5	67.18 5	51.58 5	72.79 5	55.73 5	67.520 ✓

1912 Dec 20 ft high - near or three sides N.W.S.

+ Inspected

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1911	51° 40' 40"	3° 23' W	Mountain Ash	2 1/2 mi.	N.E.	St Margaret's	2 1/2 mi.	N.N.E.

RAINFALL at Mountain Ash (Darnall Reservoir)County of GlamorganObserver W.G. Thomas & Co.River Basin 6-5affArthur Williams (1940)Type of Gauge SnowdonThe Engineer's SurveyorAnnual Average 52.2 in. based on 32 years obs. un-weighted. Period of average 1881-1915 Ref. S.7017 20/26

Diameter	5.										
Height	0. 11										
Altitude	540.										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	5.43	15.25	6.67	7.70	1.27	8.44	11.22	11.34	11.50	4.13	
February	5.39	.09	6.60	.68	7.36	2.71	10.42	2.76	5.73	6.22	
March	.88	4.19	6.82	4.77	1.23	5.00	3.47	.27	3.13	5.89	
April	4.27	5.44	2.18	3.14	7.69	3.03	4.27	.22	4.70	4.25	
May	5.16	7.11	1.82	2.26	1.25	1.82	2.25	5.82	1.19	1.88	
June	6.81	3.02	2.84	1.89	6.87	4.91	1.92	4.42	4.65	.80	
July	6.62	4.97	4.46	1.78	1.04	9.47	4.10	5.38	15.39	6.38	
August	6.76	1.21	1.54	5.05	2.54	1.14	.79	5.91	3.94	.47	
September	2.70	6.18	2.69	4.88	9.27	4.33	2.57	3.01	.99	2.88	
October	1.36	11.58	8.54	5.81	6.66	3.20	3.50	12.00	5.33	10.96	
November	16.53	4.90	1.47	2.23	8.87	8.20	3.47	12.60	14.36	16.34	
December	4.21	4.79	2.67	6.26	5.48	12.10	5.06	7.89	4.12	4.72	
TOTALS	65.32	63.73	47.20	55.45	58.73	65.45	53.14	71.72	75.23	64.92	

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.			Mountain Ash.	$\frac{1}{4}$ m.	E.	St. Margaret's	300 yds.	N.

Station No. 4080

RAINFALL at Mountain Ash (Dartanlas Reservoir)

41

County of Glamorgan

Observer The Engineer & Surveyor

River Basin 6-Taff

Type of Gauge Snowden

Annual Average 23.2 in. based on 33 years obs. un-weighted. Period of average 1881-1915 Ref. S

File No. 701720/26

Diameter	5				490	0.31						
Height	0 11					1						
Altitude	540					41						
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means	
January	4.95	6.77	13.51	8.84	4.94	10.14	6.91	15.44	2.18	2.02		
February	6.99	4.6	4.50	1.28	8.50	6.34	1.79	4.28	3.91	12.34		
March	4.51	5.25	1.32	3.35	3.72	2.60	11.75	4.10	2.09	5.61		
April	1.71	3.61	1.73	4.12	4.17	1.69	6.84	3.50	5.79	3.83		
May	3.35	9.73	7.50	4.14	5.21	4.42	2.80	4.58	6.51	2.64		
June	2.57	2.8	5.02	4.24	6.33	5.93	3.04	7.13	1.01	2.47		
July	3.38	4.22	4.27	3.69	4.73	2.87	3.27	2.43	1.74	8.36		
August	7.25	6.83	6.30	5.57	3.63	10.76	6.0	8.06	3.32	10.09		
September	1.12	5.21	5.85	6.77	5.32	10.61	3.01	7.21	3.44	9.33		
October	6.47	4.45	6.39	9.23	8.71	1.35	1.95	6.24	13.19	3.36		
November	5.13	1.07	4.63	12.16	1.02	14.73	7.45	3.31	7.39	8.37		
December	6.56	10.84	3.80	6.12	9.17	8.21	5.77	11.40	6.91	3.79		
TOTALS	53.99 D	58.72 D	64.82 D	66.51 D	65.45 D	79.65 D	55.18 D	77.68 D	57.48 D	72.41 D		

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			Mountain Ash	1/4 ml	E.	St Margaret's Mtn Ash	300 yds	N.

Air Ministry, Meteorological Office

RAINFALL at Mountain Ash (Darranlas Res.)

Station No. 4080

County of Glamorgan

Observer The Engineer & Surveyor

River Basin 6-Laff

Type of Gauge Snowdon

Annual Average 63.0 in. based on 38 years obs. un-weighted. Period of average 1881-1915 Ref. S
 " " 64.96 " " " 37 " " " within 1916-56 " 1916-50 701720/26 S

Diameter ...	<u>5</u>				<u>490</u>	<u>0.31</u>						
Height ...	<u>0'-11"</u>					<u>1</u>						
Altitude ...	<u>540'</u>					<u>✓ 51</u>						
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means	
January ...	<u>8.96</u>	<u>7.32</u>	<u>1.83</u>	<u>3.36</u>	<u>6.11</u>	<u>9.04</u>	<u>11.34</u> <u>10.39</u>	<u>6.95</u>	<u>9.16</u>	<u>8.95</u>		
February ...	<u>7.95</u>	<u>1.12</u>	<u>2.29</u>	<u>7.67</u>	<u>3.18</u>	<u>0.48</u>	<u>7.71</u>	<u>8.78</u>	<u>0.33</u>	<u>7.55</u>		
March ...	<u>6.78</u>	<u>4.67</u>	<u>5.07</u>	<u>6.51</u>	<u>4.08</u>	<u>2.39</u>	<u>8.33</u>	<u>1.63</u>	<u>6.58</u>	<u>3.25</u>		
April ...	<u>5.46</u>	<u>5.36</u>	<u>5.14</u>	<u>0.99</u>	<u>2.33</u>	<u>1.64</u>	<u>0.24</u>	<u>1.29</u>	<u>6.21</u>	<u>4.59</u>		
May ...	<u>3.73</u>	<u>5.21</u>	<u>4.09</u>	<u>4.12</u>	<u>7.20</u>	<u>1.80</u>	<u>3.07</u>	<u>5.75</u>	<u>2.70</u>	<u>2.00</u>		
June ...	<u>2.21</u>	<u>3.50</u>	<u>4.65</u>	<u>7.19</u>	<u>7.35</u>	<u>3.37</u>	<u>1.38</u> <u>1.78</u>	<u>4.41</u>	<u>3.24</u>	<u>3.68</u>		
July ...	<u>1.76</u>	<u>3.72</u>	<u>7.57</u>	<u>3.85</u>	<u>2.50</u>	<u>6.27</u>	<u>5.63</u>	<u>5.30</u>	<u>5.03</u>	<u>8.04</u>		
August ...	<u>8.07</u>	<u>7.99</u>	<u>6.33</u>	<u>6.95</u>	<u>1.67</u>	<u>6.86</u>	<u>5.94</u>	<u>4.84</u>	<u>1.90</u>	<u>5.54</u>		
September ...	<u>5.77</u>	<u>3.42</u>	<u>7.43</u>	<u>10.09</u>	<u>2.44</u>	<u>7.51</u>	<u>7.70</u>	<u>11.30</u>	<u>0.35</u>	<u>6.28</u>		
October ...	<u>1.45</u>	<u>8.14</u>	<u>4.76</u>	<u>13.16</u>	<u>4.60</u>	<u>2.27</u>	<u>6.98</u>	<u>7.86</u>	<u>7.52</u>	<u>8.57</u>		
November ...	<u>12.85</u>	<u>4.57</u>	<u>6.14</u>	<u>15.65</u>	<u>7.32</u>	<u>1.84</u>	<u>3.12</u>	<u>8.25</u> <u>8.75</u>	<u>10.73</u>	<u>17.72</u>		
December ...	<u>10.65</u>	<u>5.42</u>	<u>1.88</u>	<u>7.15</u>	<u>10.68</u>	<u>10.05</u>	<u>5.14</u>	<u>6.49</u>	<u>16.56</u>	<u>10.82</u>		
TOTALS ...	<u>75.64</u> <u>D</u>	<u>60.44</u> <u>D</u>	<u>57.17</u> <u>D</u>	<u>86.69</u> <u>D</u>	<u>59.46</u> <u>D</u>	<u>53.52</u> <u>D</u>	<u>70.28</u> <u>62.88</u> <u>D</u>	<u>7.4</u> <u>68.35</u> <u>D</u>	<u>70.21</u> <u>D</u>	<u>86.99</u> <u>D</u>		

No Temp.

No. 58 Amended 17-11-66 (mispland decimal on 7th). 108
Jan + June 1957 amended 22-11-66 607

Position of Station on Ordnance One-Inch map:

No. of Map

National Grid Reference ST31044991

Date	Lat. N.	Long.	Railway Station	Distance Direction from gauge	Parish Church	Distance Direction from gauge
<u>1951</u>			<u>Mountain Ash</u>	<u>½ m. E.</u>	<u>St. Margaret's</u>	<u>380' N</u>

Summary of Earlier Records from 10-year Sheets:

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
	<u>✓</u>	<u>✓ 28-27 N.R.</u>	<u>✓ 183 N.R.</u>	<u>✓</u>	
	<u>✓ 113 Blank</u>	<u>✓</u>	<u>✓</u>	<u>✓</u>	