

RAINFALL at Neath, Cymle ReservoirCounty of GlamorganObserver Dr Jenkins Esq CL

River Basin _____

Copper Bradford Rain Gauge, by _____

Rain sharp off 5.05 } 1/2
 dup. No rain 5.10 } 2/20
 5.00 }
 Glasnech

Diameter ...												5	
Height												1 0	
Altitude.....												349	
Year	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.		
January.....												8.09	
February ...												4.11	
March												5.69	
April												2.54	
May												1.99	
June												2.73	
July												1.89	
August												3.43	
September...												4.10	
October.....												2.48	
November...												3.50	
December ...												9.89	
TOTALS ...												50.42	

+ Inspected Oct. 11/2/20.

G. on raised creek reservoir rising 15 ft. on West.
 G. overexposed. Recommended new location on North side
 on level field & best for a year.

G. situated 2 1/2 mile S.E. of Gwell. 1 1/2 mile S.E. of Town Hall.

Date.	Lat. N.	Long. W.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1919	51° 39' 54"		SwR	1m 16 1/2 in	NW by W	St Thomas	1m 1 1/2 in	NW.

RAINFALL at Neath (Cimla Res.)County of GlamorganObserver D. M. Jenkins, Esq., C.E.River Basin Neath - 4A. G. Jones Esq.Rain Gauge, by M. D. JonesH. A. Clarke Esq. C.E.

Diameter ...	5										
Height	1.0										
Altitude ...	364			204						360	
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	Means 1920.
January ...	8.69	7.19	4.91			4.09	7.94	5.79	10.98	2.26	7.79
February ...	2.78	10	5.13			9.20	5.00	4.00	4.46	1.26	5.52
March	6.84	4.12	3.71			1.20	1.06	5.68	4.01	1.76	2.64
April	6.38	1.40	2.42			3.33	2.36	2.26	1.21	.76	3.20
May	3.75	2.60	2.29			6.38	3.67	2.41	1.02	4.26	2.88
June	3.76	.76	1.75				2.63	4.86	5.25	3.05	2.57
July	8.91	2.16	6.37				2.67	5.26	3.31	4.92	4.37
August	3.18	6.03	4.20				6.05	6.64	4.43	5.04	7.38
September...	5.10	3.02	4.48				2.05	7.50	1.58	1.19	6.22
October	5.08	2.41	1.24			6.04	4.77	4.09	10.73	8.38	8.10
November...	2.12	3.43	2.59			3.41	9.92	4.96	7.47	14.63	5.51
December...	6.04	4.46	6.72			4.32	.53	3.29	5.02	10.23	5.87
TOTALS...	62.93	37.68	45.79	#			48.65	56.74	59.47	57.74	57.05

Bank year 1925-1927 read "1/25" see RL 766198/27
 G. read 9 a.m.

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
1920	51°39'	3°47'10"	G. W. R.	2300	W. N. W.	S. Thomas	2270	N. W.

RAINFALL at Heath (Amle Reservoir)County of GlamorganObserver H.A. Clarke, B.E.River Basin 4-HeathBrough EngineerType of Gauge M.O.

Annual Average.....in. based on.....years obs. un-weighted. Period of average.....Ref.....

766198/27

Diameter	5											
Height	1.0											
Altitude	360											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	
January	4.63	6.29	5.12	5.73	1.09	6.07	5.35	6.11	6.48	4.01	4888	
February	5.20	.00	5.30	.77	5.51	2.17	6.74	2.59	4.31	4.77	2726	
March	1.09	2.39	3.50	2.64	.92	2.31	3.13	1.16	1.95	3.76	2485	
April	3.84	3.09	2.77	3.73	5.72	3.78	3.08	.12	4.20	3.46	3379	
May	4.40	6.37	2.19	2.22	1.96	1.25	2.16	5.66	0.92	1.35	2848	
June	5.09	3.10	2.19	1.98	6.12	3.51	2.36	3.35	3.58	.72	3230	
July	7.40	6.51	5.85	1.13	1.03	7.15	3.49	5.40	11.30	4.48	5374	
August	4.28	1.18	1.63	4.07	1.92	1.94	1.56	5.21	3.41	.42	2562	
September	2.79	7.45	1.67	4.55	2.62	3.83	3.92	2.68	0.69	2.41	3861	
October	1.91	9.48	8.48	3.51	6.81	2.14	4.02	8.70	4.00	6.23	5528	
November	8.92	2.55	1.81	1.66	7.46	5.17	3.01	8.44	11.17	10.74	6193	
December	3.33	4.24	1.69	12.78	4.09	4.14	3.52	6.49	3.58	5.00	4806	
TOTALS	52.88	53.75	40.20	45.77	51.25	44.46	42.34	55.91	55.89	47.35	48980	mw

1931. In open ground.

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			Heath, G.W.K.	1 1/2 m.	S.W.	St. Thomas	1 1/2 m.	S.W.

Station No. H.043RAINFALL at Neath (Ginla Reservoir)

41

County of GlamorganObserver Brough EngineerRiver Basin H-NeathType of Gauge M.O.

Annual Average in. based on years obs. un-weighted. Period of average Ref

File No. 766198/27

Diameter	5				495	559						
Height	1	0				1						
Altitude	360				X	41						
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means	
January	3.88	5.49	7.36	5.27	4.22	5.90	4.20	10.78	2.31	#(1.50)		
February	5.01	39	2.81	1.96	6.53	4.71	.78	2.65	#2.39	(7.80)		
March	3.03	4.04	1.70	.39	2.70	1.44	8.65	2.61		3.13		
April	1.69	1.85	1.44	3.87	2.46	1.98	3.69	2.89		4.50		
May	2.66	6.91	4.26	1.84	3.79	3.60	2.67	3.84		1.60		
June	1.47	32	5.09	3.64	6.27	6.38	2.57	6.03		2.86		
July	3.89	5.90	5.01	3.83	5.75	3.52	4.60	3.60		6.15		
August	5.18	6.15	5.95	4.28	4.06	8.77	.93	9.85		11.05		
September	.61	3.75	7.07	5.40	4.18	9.74	3.12	6.53		10.93		
October	4.16	4.73	4.80	7.31	6.43	2.00	1.56	5.95		4.28		
November	2.98	1.00	2.76	3.87	.78	9.29	5.33	3.66		7.34		
December	4.66	8.13	2.59	5.21	8.21	5.31	5.39	8.94		(3.02)		
TOTALS	39.22	48.66	50.84	52.87	55.38	62.64	43.49	67.33		(64.18)		
	D	2	D	D	D	D	D	D		D		

1941 Gauge in open ground.

60014

1949 Gauge stolen.

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

1 mile to 1 inch Series

Reference No.

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge.	Direction from gauge.
1941			Neath G.W.R.	1½ ml	S.W.	St Thomas	1½ ml	S.W.

Air Ministry, Meteorological Office

RAINFALL at

Neath (Cimla Res.)

Station No. *4043*

County of

Glamorgan

Observer

Forough Engineer.

River Basin

4- Neath.

Type of Gauge

M.O.

Annual Average in. based on years obs. ~~un~~-weighted. Period of average

" " *52.87* " " *32* " within *1920-56* " "

Ref. *1916-50*
File No. *766198/275*

Diameter ...	<i>5"</i>				<i>495</i>	<i>559</i>					
Height ...	<i>1'-0"</i>										
Altitude ...	<i>360'</i>					<i>51</i>					
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	<i>7.87</i>	<i>6.81</i>	<i>2.14</i>	<i>4.22</i>	<i>4.10</i>	<i>7.00</i>	<i>4.85</i>	<i>7.81</i>	<i>5.23</i>	<i>6.24</i>	
February ...	<i>5.98</i>	<i>0.85</i>	<i>3.72</i>	<i>6.54</i>	<i>(3.07)</i>	<i>0.40</i>	<i>6.18</i>	<i>6.69</i>	<i>.56</i>	<i>5.45</i>	
March ...	<i>6.31</i>	<i>5.67</i>	<i>3.60</i>	<i>4.79</i>	<i>3.69</i>	<i>1.91</i>	<i>7.00</i>	<i>1.13</i>	<i>5.56</i>	<i>2.66</i>	
April ...	<i>4.27</i>	<i>5.36</i>	<i>3.91</i>	<i>1.79</i>	<i>4.31</i>	<i>1.60</i>	<i>0.51</i>	<i>1.43</i>	<i>6.12</i>	<i>4.02</i>	
May ...	<i>2.91</i>	<i>4.97</i>	<i>4.00</i>	<i>3.72</i>	<i>5.41</i>	<i>1.89</i>	<i>2.81</i>	<i>5.35</i>	<i>96</i>	<i>1.79</i>	
June ...	<i>1.87</i>	<i>3.81</i>	<i>2.94</i>	<i>7.78</i>	<i>8.02</i>	<i>3.16</i>	<i>1.37</i>	<i>6.19</i>	<i>3.99</i>	<i>3.57</i>	
July ...	<i>1.44</i>	<i>2.58</i>	<i>8.10</i>	<i>7.70</i>	<i>5.98</i>	<i>4.26</i>	<i>4.63</i>	<i>5.59</i>	<i>4.61</i>	<i>8.23</i>	
August ...	<i>11.20</i>	<i>8.60</i>	<i>7.30</i>	<i>6.97</i>	<i>0.96</i>	<i>9.78</i>	<i>5.26</i>	<i>5.81</i>	<i>2.05</i>	<i>8.70</i>	
September ...	<i>5.99</i>	<i>2.80</i>	<i>6.11</i>	<i>6.37</i>	<i>(3.60)</i>	<i>6.86</i>	<i>9.95</i>	<i>10.68</i>	<i>.38</i>	<i>6.21</i>	
October ...	<i>0.97</i>	<i>4.56</i>	<i>4.29</i>	<i>11.28</i>	<i>3.06</i>	<i>1.57</i>	<i>6.07</i>	<i>6.74</i>	<i>7.45</i>	<i>7.45</i>	
November ...	<i>10.94</i>	<i>4.54</i>	<i>5.45</i>	<i>11.52</i>	<i>4.38</i>	<i>1.82</i>	<i>2.56</i>	<i>4.17</i>	<i>10.92</i>	<i>14.28</i>	
December ...	<i>6.11</i>	<i>5.26</i>	<i>2.00</i>	<i>6.15</i>	<i>7.99</i>	<i>6.82</i>	<i>4.15</i>	<i>6.18</i>	<i>11.84</i>	<i>7.04</i>	
TOTALS ...	<i>65.86</i>	<i>55.81</i>	<i>53.56</i>	<i>78.93</i>	<i>52.87</i>	<i>47.07</i>	<i>55.34</i>	<i>64.97</i>	<i>59.70</i>	<i>75.64</i>	

951 gauge situated "in open ground"

1956. Feb + Sept. Part ext..

No Insp.

20/04

Position of Station on Ordnance One-Inch map:

No. of Map

National Grid Reference *89/21/765963*

Date	Lat. N.	Long.	Railway Station	Distance Direction from gauge	Parish Church	Distance Direction from gauge
<i>1951.</i>			<i>Neath General</i>	<i>1 1/2 m N.W.</i>	<i>St. Thomas's</i>	<i>1 1/2 m N.W.</i>

Summary of Earlier Records from 10-year Sheets:

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
	<i>✓ 1919</i>	<i>✓ Not 22-25</i>	<i>✓</i>	<i>✓ Not 49</i>	
		<i>✓ " " blank</i>	<i>✓</i>	<i>✓ Not 49+50 d</i>	