

RAINFALL at Neath, Cimla Reservoir

County of Glamorgan

Observer Dr M. Jenkins Esq. CL

River Basin

Copper Bradford Rain Gauge, by _____
 Rain gauge 5 ft 5.05 ft 5.05 ft 5.20 ft
 dep. No 2000 5.10 ft 5.00 ft 5.00 ft
 Glass covered.

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										2.82
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 covered reservoir rising 15 ft. on West.
 G. overexposed. Recommended new location on North side
 on level field & test for a year.

G. situated 2 miles S.S.E. of Penall. 1½ miles S.E. of Town Hall.

Date.	Lat. N.	Long W.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1919	51° 59' S	5° 47' W	SwR	1 m. 16 chms.	NW by W	S. Thomas	1 m. 16 chms.	N.W.

RAINFALL at Neath, (Cintra Res.)

County of Glamorgan

Observer D.M. Jenkins, Esq., C.E.

River Basin Neath - 4

A. G. Jones, Esq.

M.U. 91 ft.
Rain Gauge, by

H.A. Clarke, Esq. 68.

Diameter ...	5										
Height	1.0										
Altitude ...	364										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	8.26	7.79
February ...	2.78	1.10	5.13			9.20	5.00	4.00	4.46	1.26	.52
March April.....	6.84	4.12	3.71			1.20	1.06	5.68	1.01	1.76	2.64
May	6.38	1.40	2.42	No second kept	3.33	2.36	2.26	1.21	.76	3.20	
May	3.75	2.60	2.29	1923	6.38	3.67	2.41	1.02	4.26	2.88	
June	3.76	.76	1.75	1924		2.63	4.86	5.25	3.05	2.57	
July	8.91	2.16	6.37	and three months in 1925		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	See file		2.05	7.50	1.58	1.19	6.22	
October.....	5.08	2.41	1.24	766198/4	6.04	4.77	4.09	10.73	8.38	8.10	
November...	2.12	2.3	4.3			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	54.05	
	0	0	0								0.

- Bank year 1925-1927 read 11/25 to file 766198/2
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
1920	51°37'	2°19'10"	S.W.R.	2300	NW	S. Thomas	2270	NW

RAINFALL at Heath (Amia Reservoir.)

County of Glamorgan

Observer H.A. Clarke, B.E.

River Basin H. Heath

Borough Engineer

Type of Gauge A.C.

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

Ref.

766198/27

Diameter	6										
Height	10										
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	4.888
February	5.20	-00	5.30	.77	5.61	2.17	6.74	2.59	4.31	4.77	3.736
March	1.09	2.39	3.50	3.64	.92	2.21	3.13	1.16	1.95	3.76	2.485
April	3.84	3.09	2.77	3.73	5.72	2.73	3.08	.12	4.20	3.46	3.379
May	4.40	6.37	2.19	2.22	1.96	1.25	2.16	5.66	0.92	1.35	2.848
June	5.09	3.10	2.19	1.98	6.12	3.51	2.36	3.35	3.88	.72	3.230
July	7.40	6.51	5.85	1.13	1.03	7.15	3.49	5.40	11.30	4.48	5.374
August	4.28	1.18	1.63	4.07	1.92	1.94	1.66	5.21	3.41	.42	2.562
September	2.79	7.45	1.67	4.55	8.62	3.83	3.92	2.68	0.69	2.41	3.861
October	1.91	9.48	8.43	3.51	6.81	2.14	4.02	8.70	4.00	6.23	5.528
November	8.92	2.65	1.81	1.66	7.46	5.17	3.01	8.44	11.17	10.74	6.193
December	3.33	4.04	1.69	12.78	4.09	4.14	3.52	6.49	3.58	5.00	4.806
TOTALS	52.88	53.75	40.20	45.77	51.25	44.46	42.34	55.91	55.89	47.35	48980

1931. In open ground.

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	Direction
1931			Heath, G.W.R.	1 1/2 m.	S.W.	St. Thomas	1 1/2 m.	S.W.

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

Station No. H.O. 13

RAINFALL at Neath (Giant Reservoir)

41

County of Glamorgan

Observer Botwright Engineer

River Basin H-Neath

Type of Gauge M.O.

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

Ref.

File No. 766198/27

Diameter	5			AGS	SSA						
Height	1	0			1						
Altitude	360			X	41						
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	3.88	6.49	7.36	5.27	4.22	5.90	4.20	10.78	2.31	#(5.50)	
February	5.01	3.9	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	3.2	5.09	3.64	6.27	6.38	2.57	6.03		2.88	
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		14.28	
November	2.98	1.00	2.76	9.87	7.8	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		(64.78)	
	D	D	D	D	D	D	D	D		d	

1941 Gauge in open ground.

60014

1949 Gauge stolen.

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			Neath G.W.R	1½ ml	S.W.	St Thomas	1½ ml	S.W.



Air Ministry, Meteorological Office

Station No. 4043

RAINFALL at Neath (Cimla Res.)

County of Glamorgan

Observer Borough 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 " " 1916-50 Ref.
 File No. 706198/27

Diameter ...	5"			495	559						
Height ...	1-0"					1					
Altitude ...	360'					51					
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	7.87	6.81	2.14	4.22	4.10	7.00	4.85	7.81	5.23	6.24	
February ...	5.98	0.85	3.72	6.54(3.03)	0.40	6.18	6.69	.56	5.45		
March ...	6.31	5.67	3.60	4.79	3.69	1.91	7.00	1.13	5.56	2.66	
April ...	4.27	5.36	3.91	1.79	4.31	1.60	0.51	1.93	6.12	4.02	
May ...	2.91	4.97	4.00	3.72	5.41	1.89	2.81	5.35	7.6	1.79	
June ...	1.87	3.81	2.94	7.78	8.02	3.16	1.37	6.19	3.99	3.57	
July ...	1.44	2.58	8.10	7.70	3.98	4.26	4.63	5.59	4.61	8.23	
August ...	11.20	8.60	7.30	6.97	0.96	9.78	5.26	5.81	2.08	8.70	
September ...	5.99	2.80	6.11	6.37	(3.60)	6.86	9.95	10.68	.38	6.21	
October ...	0.97	4.56	4.29	11.28	3.06	1.57	6.04	6.94	7.45	7.45	
November ...	10.94	4.54	5.45	11.52	4.38	1.82	2.56	4.17	10.92	14.28	
December ...	6.11	5.26	2.00	6.15	7.99	6.82	4.15	6.18	11.94	2.04	
TOTALS ...	65.86	55.81	53.56	78.93	52.83	47.07	55.34	64.97	59.70	75.64	
	D	D	D	D	D	D	D	D	D	D	

951 gauge situated "in open ground"

1956 - Feb & Sept. Part est..

No susp.

20/104

X

X

Position of Station on Ordnance One-Inch map:			No. of Map	National Grid Reference 59/21/765963			
Date	Lat. N.	Long.	Railway Station	Distance from gauge	Direction	Parish Church	Distance from gauge
1951-			Neath General	1.5 m	N.W.	St. Thomas's	1.5 m

Summary of Earlier Records from 10-year Sheets:

Record D, or d		1910-19	1920-30	1931-40	1941-50	1951-60
		1919	1922-25	/	/ Net +7	/ Net +7+80 d
		J = blank		/		