

RAINFALL AT *Neath* *Glee*

Lat.

Lon.

County of

Glamorgan

Rain Gauge, by

Observer

*H. J. Ludlow**Neath - 4.*

Diameter....									.5	.5		
Height									1	1		
Altitude									240	240		
Year	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.	
January						8.15	3.72	6.23	3.32	3.18		
February. ..						3.48	7.71	4.71	2.86	6.04		
March						1.74	3.98	2.88	2.02	3.00		
April						2.15	3.17	3.59	3.09	2.38		
May						3.55	.52	3.00	5.97	3.71		
June						3.90	2.04	2.42	3.17	8.61		
July						5.12	2.52	3.75	2.45	5.52		
August						7.49	4.59	6.57	5.69	8.27		
September ..						5.11	6.19	4.90	3.74	6.32		
October						5.87	5.87	4.99	6.22	2.49		
November ..						7.56	4.48	9.82	4.33	6.7		
December ..						2.68	9.21	3.11	3.54	3.02		
TOTALS ..						(56.50)	(54.00)	53.97	46.40	53.21		

* *

*Glantwit church 700 ft. E.**1870 1876 computed from Swansea & Plymouth, 19. x 10**1875 year from ... months from Neath**(Griffiths)*

RAINFALL AT NeathLat. 51° 39' NLon. 3° 48' WCounty of Glamorgan

Rain Gauge, by _____

Observer A. S. L. Lott, Esq.E. C. Cole Esq.Neath - St.

Diameter	5										
Height	1.0										
Altitude	240 T	204 T									
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January	72	1.17	5.25	5.59	7.34	4.34	6.52	4.53	2.28	2.18	3.992
February	6.71	6.89	4.05	6.20	3.10	6.00	1.01	1.27	1.05	3.46	3.974
March	2.37	6.24	3.95	1.21	4.59	2.63	6.32	2.18	5.08	3.99	3.856
April	2.66	2.87	5.61	1.53	2.15	3.55	3.21	1.29	1.77	2.86	2.750
May	3.11	3.43	2.13	2.01	3.97	3.12	4.68	2.09	2.24	2.24	2.902
June	2.55	5.37	4.94	5.19	2.46	6.34	1.00	.62	3.43	.24	3.214
July	8.80	3.38	7.13	5.74	5.78	1.92	5.15	3.04	7.08	4.08	5.210
August	89	6.08	5.42	2.72	1.76	2.33	2.54	2.75	4.86	5.17	3.452
September	3.99	3.21	4.44	6.78	5.93	9.21	5.61	5.38	2.03	2.13	4.841
October	3.91	3.48	8.61	5.54	3.51	5.53	9.01	3.88	2.29	4.18	4.994
November	6.04	7.05	7.04	6.99	2.16	6.30	6.18	4.91	8.25	2.40	5.732
December	6.78	5.67	5.47	2.30	9.53	2.19	5.89	4.17	5.22	3.91	5.215
TOTALS	48.58	54.84	64.76	51.80	52.28	53.46	57.12	36.11	45.58	36.84	50.132

St Thomas Church Neath 1/2 mile W.

RAINFALL AT *Neath* *Small*

Lat. _____

Lon. _____

County of _____

Glamorgan

Rain Gauge, by _____

Observer _____

*E.C. Pole Esq**Neath - 44.*

Diameter	5											
Height	10											
Altitude	204 ^{ft}											
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January	6.78	5.68	3.35	2.64	5.12	5.39	1.97	2.59	3.48	7.20	4.420	
February	1.76	.13	3.02	6.58	4.88	.09	1.40	6.36	3.03	4.24	3.149	
March	2.98	1.57	1.40	.82	3.44	4.03	5.12	5.77	1.53	1.86	2.852	
April	2.11	5.04	1.94	.17	3.05	2.74	1.15	4.93	2.64	5.83	2.960	
May	3.05	4.03	2.06	3.26	3.79	.36	.07	2.12	3.68	4.40	2.682	
June	4.25	2.35	2.73	1.92	3.68	.62	2.07	3.73	2.91	1.28	2.554	
July	5.16	3.16	2.45	4.60	5.04	6.06	3.37	1.77	1.64	1.45	3.470	
August	4.40	9.76	5.10	3.96	4.93	5.26	3.04	9.05	5.48	2.15	5.313	
September....	2.17	4.27	5.42	3.43	1.53	1.73	7.55	7.32	2.20	2.25	3.787	
October	4.47	11.94	3.47	7.61	7.77	4.07	5.20	3.26	6.86	4.44	5.909	
November	7.88	4.81	4.26	3.44	6.56	6.83	1.59	4.08	4.52	3.17	4.714	
December	1.23	8.61	3.30	6.03	4.56	3.72	9.81	6.62	7.36	3.50	5.474	
TOTALS	46.24	61.35	38.50	44.46	54.35	40.90	42.34	57.60	45.33	41.77	47.284	

RAINFALL AT

Neath

Small Res.

Lat.

Lon.

County of

Flamorgan

Rain Gauge, by

Observer

E. C. Cole Esq.

Neath - H.

Diameter ..	5											
Height	10											
Altitude ..	204 ft											
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.	
January ..	6.86	3.82	2.76	5.88	6.91	1.73	8.54	3.19	3.68	2.48	4.585	✓
February ..	6.49	1.79	2.02	3.40	6.33	1.91	4.02	3.08	3.60	.87	3.351	
March	1.14	2.66	3.49	8.23	2.50	6.50	4.18	2.83	5.01	5.40	4.194	
April	2.37	4.57	3.05	2.36	3.39	3.89	1.42	4.61	2.73	4.80	3.319	
May	3.31	1.16	2.83	3.62	4.22	1.03	7.38	3.27	3.88	2.21	3.291	
June	4.72	3.94	3.64	1.53	2.21	2.88	3.63	6.57	1.28	3.29	3.369	
July	2.13	1.60	3.16	3.74	3.45	2.51	2.82	2.85	5.55	4.44	3.225	
August	5.05	6.62	3.26	8.00	4.13	6.17	5.62	7.75	5.89	2.53	5.502	
September ..	2.45	3.51	1.96	6.07	4.66	2.78	2.05	1.22	3.92	5.60	3.422	
October	6.29	4.13	5.01	11.92	4.06	2.62	9.39	7.44	3.47	10.63	6.496	
November ..	5.79	1.36	5.17	2.98	4.22	5.01	5.00	4.57	4.16	2.81	4.107	
December ..	8.26	8.80	4.19	4.08	4.30	2.15	3.67	5.85	6.36	11.21	5.887	
TOTALS ..	54.86	43.96	40.54	61.81	50.38	39.18	57.72	53.23	49.53	56.27	50.748	

1909 Neath Station 1 mile NE

since 1906 sitting by.

RAINFALL at Neath Groll ReservoirCounty of FlamorganObserver Edwin C. Pole EsqRiver Basin Neath 4Dr. J. J. Jenkins

Rain Gauge, by

Gall. iron
Shallow funnel.Element.

Diameter ...	5											
Height	1	0										
Altitude ...	204	7										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	1910-1919 Means. Totals	
January ...	6.68	2.81	6.47	9.40	4.21	6.76	5.55	2.46	5.24	8.33	21.58	✓
February ...	6.93	6.01	4.82	2.40	6.51	9.62	6.94	2.00	4.73	3.59	17.26	✓
March	1.44	3.35	9.18	8.21	9.14	1.83	2.04	2.91	2.89	5.91	13.75	✓
April	4.20	4.59	.79	7.48	2.41	2.85	3.12	2.43	2.31	2.68	10.54	✓
May	3.04	2.16	2.71	4.83	4.04	2.90	3.99	3.10	2.51	1.90	11.50	✓
June	4.09	3.55	11.84	3.64	1.50	2.09	4.40	2.98	2.46	2.50	12.34	✓
July	5.61	.63	5.18	1.26	5.95	7.64	2.88	3.90	8.17	1.45	16.40	✓
August	9.19	4.86	13.32	2.32	7.12	5.56	4.88	9.95	3.42	3.34	21.59	✓
September ..	.30	4.27	1.88	3.88	6.14	2.03	3.94	4.09	13.99	3.57	25.59	✓
October ...	4.50	3.96	6.91	6.07	2.99	5.63	12.91	9.43	5.12	2.58	29.84	✓
November ..	6.76	9.44	4.64	10.60	6.43	4.22	6.65	4.03	5.07	3.86	19.61	✓
December ...	8.16	13.86	8.94	3.90	9.82	10.96	5.00	1.62	10.79	11.51	28.92	✓
TOTALS ...	60.90	59.49	76.18	63.99	66.26	62.09	62.30	48.90	66.70	57.02	228.92	X

Groll 1 mile E. of Town Hall.

38

+ Inspected 11.2.20

Sitting by since 1906

used to 1911 in Danty field 1915

G. set in iron pipe on bank between two fields. Flat rim 2" wide to funnel requiring soldering. Effective funnel would be from 5" to 5 1/2" roughly.

Date.	Lat. N.	Long. W.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
	51° 39'	3.48	Neath	12.50	W	St Thomas	12.00	N
				14.00 yds	E		1170 yds	E

RAINFALL at Neath (Gnoll Reservoir)County of GlamorganObserver D. M. Jenkins, Eng. C.E.River Basin neath - 4G. C. Jones Esq.Snowdon Rain Gauge, by
M.O. (127)W. A. Clarke Esq.

Diameter ...	5												
Height	1.0												
Altitude ...	204												
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930. MEANS.	1920-30 Totals	
January ...	10.26	8.06	6.14	3.65	5.46	4.26	8.52	5.62	12.26	2.45	8.16	74.84	
February ...	3.21	13.61	9.58	5.2	8.78	5.17	4.19	5.70	1.13	5.4	45.12		
March	7.38	5.09	4.30	2.45	2.23	1.16	9.3	5.39	4.15	1.72	2.71	37.51	
April	7.32	1.42	3.00	2.99	4.05	3.55	2.26	1.94	1.38	.74	3.20	31.85	
May	4.42	2.76	2.51	3.43	3.00	6.59	3.69	2.89	1.04	4.19	2.64	37.16	
June	4.46	1.34	1.93	1.20	2.76	1.00	2.37	4.76	5.29	3.26	2.48	29.85	
July	9.74	2.45	7.26	4.90	6.64	3.31	2.65	5.40	3.28	4.90	3.81	54.34	
August	5.56	6.73	4.73	5.96	6.68	8.98	6.18	6.46	5.06	4.40	7.05	65.79	
September...	6.14	3.33	5.62	5.19	7.16	4.60	1.79	7.39	1.79	1.15	6.40	50.56	
October	5.60	2.95	1.62	6.50	6.27	6.39	4.60	4.25	10.88	8.43	8.55	66.04	
November...	2.91	4.46	2.76	4.70	4.54	3.40	10.02	5.22	7.72	14.91	5.68	66.32	
December...	6.96	4.87	6.39	6.18	8.94	4.20	4.7	3.27	5.64	10.61	6.28	63.81	
TOTALS...	719.64	595.24	56.73	58.25	55.22	48.65	56.78	64.19	57.89	57.50	623.19		

1923 In open ground.

1930. G. read. 9 a.m. in winter summer.

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	Parish Church.	Distance from gauge	Direction	
1920	51°39' N	3°17' W	Neath (S. & W.)	1460 yds.	W.	L. Thomas	1200 yds.	W.	

RAINFALL at Heath (Gnoll Reservoir)County of GlamorganObserver H. A. Gifford, L.E. the Borough EngineerRiver Basin H-HeathType of Gauge M.O. No. 3Annual Average 52.1 in. based on 35 years obs. un-weighted. Period of average 1881-1915 Ref. Av. W. Sheet

766198/27

Diameter	5										
Height	1.0										
Altitude	204										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means Totals
January	5.29	7.47	3.50	6.16	1.03	7.31	5.95	6.80	6.77	3.78	53.96
February	5.43	.00	5.22	.74	5.52	2.22	6.97	2.87	4.61	5.07	38.65
March	1.10	2.49	3.39	4.03	1.12	3.32	2.73	1.24	2.00	3.66	25.08
April	3.71	3.32	2.72	4.01	5.83	3.73	3.24	.14	3.97	3.30	33.97
May	4.09	6.32	2.02	2.66	2.26	1.21	2.03	5.28	0.86	1.26	27.99
June	5.20	3.10	1.89	1.95	6.75	3.42	2.48	3.52	3.42	.68	32.41
July	7.15	5.83	5.58	.87	1.00	6.96	3.35	5.38	10.34	4.05	50.51
August	4.27	.95	1.64	3.84	1.72	1.88	1.69	4.74	3.41	.52	24.66
September	2.65	7.14	1.62	5.22	9.32	3.27	3.65	2.62	0.65	2.40	38.54
October	1.77	9.71	8.50	3.95	7.41	2.54	3.95	9.16	3.91	6.38	57.28
November	9.55	3.81	1.71	2.02	7.88	5.84	3.22	8.23	10.98	11.59	64.83
December	3.38	4.16	1.78	12.99	4.25	4.69	3.47	6.17	3.40	4.80	49.09
TOTALS	53.59	54.30	39.57	48.44	54.09	46.39	42.63	56.15	54.32	47.49	496.97

1931. G. in open ground.

1940. G. purchased from N+Z see P. 759179/38

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	Parish Church.	Distance from gauge	Direction
1931.			Heath, G.W.R.	1460 yds.	W.	St. Thomas.	1200 yds.	W.

Station No. 4044RAINFALL at Neath (Gwll Reservoir)

41

County of GlamorganObserver The Borough EngineerRiver Basin H-neathType of Gauge M.O.Annual Average 52.1 in. based on 35 years obs. un-weighted. Period of average 1881-1915 Ref. A.W. SheetFile No. 766.98/27

Diameter	....	5				495	545					
Height	....	1 0					1					
Altitude	....	204					41					
Year	....	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	....	3.33	5.41	7.83	5.56	4.21	6.30	4.13	10.67	2.14	1.61	51.19
February	....	4.92	3.6	3.16	1.32	6.79	4.50	.62	2.56	2.26	8.07	35.16
March	....	3.05	3.92	1.50	.35	2.72	1.40	8.09	2.56	2.80	2.99	29.38
April	....	1.51	2.02	1.51	4.02	2.75	1.89	3.89	2.85	4.03	4.40	28.87
May	....	2.83	7.19	4.44	1.32	4.00	3.15	2.71	3.52	4.91	1.60	36.27
June	....	1.54	.20	4.87	3.51	6.14	6.40	2.58	5.96	.52	2.58	34.60
July	....	4.05	5.76	4.80	4.43	5.27	4.30	4.53	3.13	1.74	6.14	44.21
August	....	6.75	6.25	5.83	4.12	3.70	8.33	.98	9.30	2.94	9.63	57.83
September	....	.58	4.21	7.02	5.63	3.65	9.16	2.98	6.03	2.63	9.77	51.72
October	....	4.32	5.17	4.92	7.77	6.55	1.50	1.70	5.60	8.67	3.75	49.95
November	....	3.00	.98	2.57	3.77	.75	9.98	5.40	3.36	6.65	6.33	48.79
December	....	4.56	8.83	2.51	5.55	7.63	5.32	5.19	9.28	5.70	2.92	57.49
TOTALS	....	40.44	50.30	50.96	54.67	54.16	62.23	42.80	64.82	46.99	60.09	525.46

1941 Gauge in open ground.

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 GWR	1460 yd	W	SE Thomas	1200 yd	W

BRITISH RAINFALL ORGANIZATION

Air Ministry, Meteorological Office

RAINFALL at

Neath (Gnoll Res^r)

Station No. 4044

County of

Glamorgan

Observer

The Borough Engineer.

River Basin

4-Neath.

Type of Gauge

M.O.

Annual Average 52.1 in. based on 35 years obs. un-weighted. Period of average 1881-1915

Ref. W. W. Heath

" " 52.69 " " 37 " " within 1917-56 " " 1916-50

File No. 766198/27

Diameter ...	5"				495	545						
Height ...	1'-0"					1						
Altitude ...	204'					51						
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means	
January ...	6.35	6.51	1.97	3.92	3.38	6.52	4.96	4.51	6.07	5.98	3.05	✓
February ...	5.53	0.92	3.38	6.51	2.87	0.33	5.78	5.76	.52	4.97	3.67	✓
March ...	6.05	5.05	3.59	4.34	3.28	1.30	6.13	1.01	5.29	2.45	3.49	✓
April ...	3.90	4.93	3.94	1.48	4.13	1.51	0.38	1.27	5.94	3.59	3.99	✓
May ...	2.79	4.73	3.66	3.73	5.77	1.49	2.56	4.56	1.15	1.65	3.10	✓
June ...	2.14	3.48	2.75	7.35	6.78	2.84	2.25	5.97	4.40	2.83	1.03	✓
July ...	1.17	2.57	7.56	6.77	3.94	4.40	5.28	5.31	4.65	7.05	4.83	✓
August ...	9.51	7.73	6.68	6.14	0.84	8.00	5.78	5.14	1.87	8.51	6.02	✓
September ...	5.48	2.56	6.37	7.39	3.21	6.39	9.04	9.86	.47	6.30	5.07	✓
October ...	0.86	4.14	4.50	11.38	3.00	1.52	5.73	6.44	5.43	6.89	4.89	✓
November ...	10.56	4.18	5.25	11.56	4.83	2.09	2.73	4.00	10.67	13.33	6.22	✓
December ...	5.55	5.04	2.09	5.95	7.49	6.33	4.07	5.58	11.08	6.31	6.94	✓
TOTALS ...	59.84	51.84	51.74	76.52	49.52	42.72	54.69	58.95	57.64	69.86	67.32	

951 gauge situated "in open ground".

956 low ???

No Imp.

Position of Station on Ordnance One-Inch map:

No. of Map

National Grid Reference SS/21 704975

Date	Lat. N.	Long.	Railway Station	Distance Direction from gauge	Parish Church	Distance Direction from gauge
1951			Neath General	1.460 ^x W.-	St. Thomas's	1.200 ^x W.-

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
	✓	✓	✓	✓	
	✓ But 12.17 blank	✓	✓	✓	