

RAINFALL AT Lower Penarth

Lat.

Lon.

County of

Snowdon Rain Gauge, by N.Y.C.
G.N. 2505 approx 10-5.

Observer Edgar J Evans Esq. C.I.

Diameter ..		5									
Height		10									
Altitude ..		67 ft									
Year ..	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	M.EANS.
January ..			2.18	4.31	4.07	1.15	5.35	2.26	2.16	1.83	
February ..			1.02	1.72	4.81	.99	2.89	1.63	2.36	.65	
March			2.24	4.34	2.46	4.88	2.65	1.22	2.76	4.01	
April.....			1.80	2.43	1.40	2.71	1.45	3.52	2.69	2.02	
May			2.17	2.28	2.68	.18	3.75	2.72	1.83	1.51	
June			3.03	2.82	.80	3.62	2.39	3.19	.41	2.94	
July			1.94	4.49	4.20	.83	.90	2.99	2.99	3.01	
August			3.90	5.80	2.85	3.56	3.53	3.04	5.12	3.36	
September ..			2.46	2.74	3.18	2.39	1.42	1.14	.97	3.35	4.17
October....			2.45	3.05	9.10	2.51	2.16	6.06	6.12	2.54	5.84
November ..			.86	3.99	2.49	3.24	3.72	3.59	3.58	1.56	1.73
December ..			4.82	3.12	3.49	2.98	2.04	2.23	6.40	2.62	6.38
TOTALS ..			31.18	46.45	34.42	27.26	35.93	37.64	29.89	37.45	

Gauge is 1.27 miles due S of Penarth (No 2506)

and 550 yards from coastline

Penarth Church 1.67 mile N by E

Penarth Station : 82 N.E. by N

RAINFALL at Lower Penarth

County of Glamorgan

Observer E. J. Evans by C. S.

River Basin Ogmore & C 5

Sunder Rain Gauge, by N.Y.

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Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1911	51°25'3	31°03'W	Dower Penarth	1.67 miles -32 mi	NE by E NE by N	Penarth	1.32 mi 1.67 mi	NE by N N by E

RAINFALL at Llanfair Penrh,County of Glamorgan.Observer F. J. Evans, Esq., C.E.

River Basin Ogmore - 5

Inwood Rain Gauge, by Nandy.
Sul. iron (good condition).

N+2 glass (cylinder) correctly graduated.

Diameter ...	5"											5	
Height	1.0											N.Y.	
Altitude ...	67											65.66	
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	M.E.A.S. 1930.		
January ...	16.98	3.80	2.89	2.08	4.62	3.01	5.49	4.45	7.83	1.22	4.76		45.13
February ...	0.98	.09	3.36	6.28	3.36	4.40	2.50	2.92	3.64	1.18	.60		26.31
March	2.14	1.99	3.10	1.33	1.27	1.14	1.45	3.56	3.14	.60	2.12		20.84
April.....	3.92	.54	2.67	2.25	2.37	1.72	1.89	1.56	1.57	.27	2.32		21.08
May	3.05	1.64	1.40	2.04	3.65	3.66	1.52	1.77	.50	2.53	1.21		22.97
June	3.37	.20	1.03	.53	2.65	.11	1.42	2.64	1.89	1.82	.55		16.15
July	5.35	.82	2.97	2.18	6.27	3.15	2.04	2.98	2.40	2.19	2.80		33.15
August	2.40	2.58	4.05	3.79	6.86	4.78	3.42	4.01	2.24	3.97	4.47		42.57
September...	2.89	4.20	2.69	3.00	4.91	4.24	1.76	7.03	.58	.58	3.96		35.84
October.....	3.37	2.34	1.15	5.00	5.93	5.53	4.44	3.31	5.08	6.51	3.34		46.02
November...	2.31	2.06	1.50	2.93	3.12	1.75	7.21	4.99	3.86	9.35	4.06		43.14
December...	3.89	2.16	5.12	3.34	4.37	4.08	2.20	2.83	4.14	6.77	3.54		40.44
TOTALS.	39.59	22.42	31.93	34.75	46.40	36.57	32.34	42.05	36.87	36.99	33.73		393.64
	D	D	D	D	D	D	D	D	D	D	D		D

No objects near g. caused winds.
 Suspected g. 16.11.24. S. at South Wales ~~station~~
 Position not ideal, gauge being on rather exposed plateau but there is some shelter
 all around especially on seaward side. No ideal position available.

1930 - g. read 9 a.m. 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.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge	Direction from gauge
1920	51° 25' " 3° 10' " N.	W.	Llanfair Penrh	1/2 mi	NE by E	Penrh	1/6 mi	W by E

RAINFALL at Lower Penarth.

County of Glamorgan

Observer G. J. Evans, B.E. reduced 30/8/35

River Basin 5-Ogmore &c.

The Surveyor to the Penarth U.O.C.

Type of Gauge Standard

Annual Average 33.2 in. based on 32 years obs. un-weighted. Period of average 1881-1915 Ref. S

813 298 1/27

Diameter	5.	Height	10	Altitude	66	Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	1931-40 Means Total
January	2.74	4.60	1.74	2.39	4.8	3.72	3.78	4.54	6.26	3.78	3.40	3.03					
February	2.70	0.00	4.82	4.41	2.65	1.32	6.29	1.25	2.50	2.68	2.68	2.62					
March	1.75	1.88	2.79	1.87	1.74	2.74	3.47	1.26	0.91	2.88	1.79	1.99					
April	2.65	2.97	1.42	2.49	4.50	2.12	3.60	1.07	2.82	2.80	2.80	2.64					
May	7.13	4.03	2.14	1.41	1.95	1.57	1.94	2.09	0.94	1.95	2.15	2.15					
June	3.39	1.90	1.80	1.24	2.83	3.69	1.82	1.17	2.07	1.91	1.82	1.82					
July	3.47	2.94	1.87	1.26	1.22	5.62	3.04	2.38	6.57	4.17	3.54	3.54					
August	4.37	1.41	1.77	3.76	2.22	1.69	1.49	3.58	3.01	4.47	2.77	2.77					
September	1.48	4.28	1.73	8.71	8.25	3.25	1.51	2.03	0.74	1.68	2.66	2.66					
October	1.03	7.29	4.65	2.60	5.61	1.82	3.22	7.80	3.51	5.14	4.26	4.26					
November	4.47	1.75	0.80	1.73	5.43	3.65	2.09	4.95	8.04	8.18	4.09	4.09					
December	2.43	1.97	1.79	7.94	3.47	3.05	1.68	5.00	3.22	2.64	3.19	3.19					
TOTALS	36.61	34.02	27.32	30.51	37.35	34.24	30.93	35.12	40.59	37.28	34.39	34.39					

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
1931.			Lower Penarth	.92 m.	N.E. by N.	Penarth	1.67 m. N. by E.

Station No. 4053

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RAINFALL at Lower Penarth

County of Glamorgan

Observer Mr Surveyor (to the Penarth U.D.)

River Basin S. Gwent &c.

Type of Gauge Standard

Annual Average 34.9 in. based on 29 years obs. un-weighted. Period of average 1881-1945 Ref. S

File No. 83329827

Diameter	5"			491	768						
Height	1' 0"				1						
Altitude	66				41						
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	1941-50 Means Total 65
January	4.70	4.44	5.84	3.44	3.60	3.58	3.79	3.63	1.31	1.39	39.42
February	3.28	2.29	1.95	1.04	4.30	2.59	1.13	2.22	1.52	6.36	24.68
March	2.47	2.26	1.53	.44	1.40	1.11	6.16	1.25	1.57	1.91	20.10
April	1.32	.99	1.31	2.86	1.39	2.12	2.59	2.34	2.09	3.44	20.47
May	1.81	4.01	3.31	2.35	3.26	4.89	2.61	3.87	4.12	1.70	31.93
June	1.21	3.0	1.95	3.65	4.59	3.97	2.28	2.29	.66	1.36	22.26
July	2.88	2.60	2.33	2.60	2.84	2.13	2.30	3.20	1.72	4.40	27.00
August	5.80	5.16	4.06	4.25	2.17	7.72	1.00	5.19	2.16	7.39	44.90
September	.66	2.71	4.61	5.39	3.22	4.86	2.04	3.21	2.63	6.85	36.18
October	2.39	3.60	2.47	3.94	4.98	1.06	.75	5.56	7.17	1.89	33.81
November	2.00	1.23	2.60	6.98	.78	5.77	4.79	4.36	3.98	7.69	38.18
December	3.05	3.66	2.52	3.17	5.84	3.25	3.70	2.80	4.50	2.20	34.29
TOTALS	31.57	31.25	34.48	40.11	37.87	43.05	33.14	42.02	33.43	46.60	373.52

1944. Cement Works (where this gauge is situated) closed down in Sept., consequently gauge cannot be always read daily infrequent

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			Lower Penarth	1100'	NNE	Lowerhock	4,800'	SSE.

Air Ministry, Meteorological Office

Station No. 4023

RAINFALL at Lower Penarth.

County of Glamorgan

Observer The Surveyor to Penarth P.D.C.

River Basin S. Ogmore & C.

Type of Gauge Standard

Annual Average 34.9 in. based on 29 years obs. wet-weighted. Period of average 1881-1915 Ref. 3
 " 36.04 " 35 " 1916-50 " 1916-50 " File No. 813298/27

Diameter	5'		491	768							
Height	11-0'				1						
Altitude	66'					51					
Year	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January	4.55	3.96	0.89	2.53	4.59	4.53	3.56	2.86	3.89	3.49	2085
February	4.05	1.02	1.79	4.50	2.78	0.28	3.54	4.36	.39	2.15	2586
March	4.42	3.12	1.26	4.41	1.10	1.02	3.82	0.88	2.84	1.96	2083
April	3.76	2.85	3.92	0.84	2.31	1.25	0.14	0.70	2.62	2.33	2072
May	2.74	3.70	2.56	1.84	6.52	1.01	1.60	3.31	1.30	1.27	2088
June	0.54	1.74	1.71	3.90	5.21	2.21	1.14	2.85	1.17	1.39	2195
July	1.28	1.57	4.27	3.75	0.70	2.65	3.72	2.28	3.52	4.76	2880
August	4.38	5.50	5.33	3.95	0.99	5.51	2.64	3.22	3.02	4.65	3919
September	3.39	5.14	4.70	6.87	3.04	1.65	4.41	5.59	.30	4.72	4281
October	1.67	5.06	2.94	5.52	2.51	1.88	3.67	3.38	4.78	8.23	29671
November	7.15	5.17	3.08	7.54	7.80	0.96	2.76	2.58	3.62	6.34	4700
December	3.07	3.45	1.71	3.91	13.13*	3.57	1.97	4.32	6.70	5.94	4777
TOTALS	41.03	42.28	34.16	40.65	49.68	29.52	32.97	36.33	34.15	47.23	39700

1955 n.p. big (insplashing*) Correspondence - 67A. 813298/27

No Insp.
1959 n.p. low

X X

Position of Station on Ordnance One-Inch map: No. of Map: National Grid Reference 253483697

Date	Lat. N.	Long.	Railway Station	Distance from gauge	Direction	Parish Church	Distance from gauge
1951. 1956.			Lower Penarth Laverton.	1,100' 3,600'	N.N.E. 33-W.	Laverton. Laverton.	4,800' 4,800'

Summary of Earlier Records from 10-year Sheets: 1916-50 P accepted.

Record D. or d	1910-19	1920-30	1931-40	1941-50	1951-60
	✓	✓	✓	✓	

↓ ✓ 23-6 Blank. 35-390 39-400
Blank. Best blank.

42+48 only Dated.