

## RAINFALL at Gower, Penrice Castle

County of Glamorgan.

Observer Lord Blythwood (see The Times)

River Basin Gower Peninsula

gauge (gdn.)

Rain Gauge, by \_\_\_\_\_

Diameter ...										5	5
Height .....										1.9	2
Altitude ...										14	18
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	MEAN 1930
January ...										9.38	2.40 7.43
February ...										5.11	1.98 .77
March .....										3.46	1.07 2.49
April.....										.97	1.00 2.24
May .....										.44	3.74 3.02
June .....										4.85	1.78 2.11
July .....										3.45	3.95 5.13
August .....										3.69	3.02 5.76
September...										2.06	.68 5.83
October.....										8.42	6.06 6.80
November...										5.85	12.17 5.14
December...										4.81	7.76 8.07
TOTALS...										53.09	45.61 54.82
										20.	20. 20.

1924 map.

1929 Cont'd for do. &amp; add arithmetic.

Wall 10 ft. high, 12 ft. N.

1930. Gauge blown over Nov. 18!

G. read 8 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 from gauge	Parish Church.	Distance from gauge	Direction from gauge
1929.			Killary	8 m.	E.	Penrice	1 m.	SW.

RAINFALL at Gower (Penrice Castle)County of GlamorganObserver George MillerRiver Basin 2 - Gower Peninsula.W. E. Harrison

Type of Gauge

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

Ref.

93635/31

Diameter	5.										Means
Height	1.11		3.0	1.6		2.2					
Altitude	12.		20.	20.							
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	
January	4.57	5.50	3.11	5.77	4.55	7.12	4.70	4.61	7.85	5.61	5.07
February	4.13	02	4.19	.59	4.25	2.64	7.69	2.02	2.94	4.89	3.33
March	1.40	1.95	2.90	3.65	1.99	3.81	3.04	93	1.47	3.75	2.67
April	3.08	3.00	1.72	8.27	5.73	3.78	3.55	10	4.10	3.04	3.54
May	3.92	4.44	2.24	1.90	2.16	1.22	2.75	4.06	1.61	1.68	2.14
June	5.36	1.84	2.21	2.36	3.45	5.61	2.48	2.50	2.38	.58	2.84
July	5.93	3.49	3.21	.83	.94	6.91	3.36	3.95	7.84	3.56	6.86
August	3.75	1.16	1.45	4.11	1.80	1.15	.73	5.65	5.00	.35	3.90
September	3.15	5.84	2.30	5.01	7.15	3.64	4.24	2.04	1.12	2.50	3.69
October	1.74	10.01	9.04	3.86	7.31	2.61	3.79	7.15	2.60	4.96	5.30
November	7.58	3.24	1.55	2.56	7.67	5.99	1.76	7.05	11.21	9.05	15.76
December	2.82	3.35	1.90	10.24	3.71	4.04	4.90	4.32	3.43	4.16	4.28
TOTALS	47.43	44.04	26.82	44.05	47.17	48.62	42.99	44.38	51.55	44.13	49.25

1931. Wall 10' high, 12' N.  
 Years 15' " 6' S.  
 Facing 5' " 3' E.  
 Back 3' " 7' W.

1940 Tan. part estd.

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.			Killary	8 m.	E.	Penrice	1 m. SW.

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

Station No. 4035

## RAINFALL at Gower (Penrice Castle)

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County of Glamorgan

Observer W.E. Harrison Esq.

River Basin 2. Gower Peninsula

J. D. M. Saffett Esq. (1943)

Type of Gauge glass

mayo B.C. Smartt (1947)

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

Ref.

File No. 93635/31

Diameter	5		497	457							
Height	2	2			1	2' 0"					
Altitude	20	M			41		M				
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	4.57	4.65	5.70	4.18	4.08	4.88	3.67	8.23	1.66	1.32	
February	4.12	7.4	2.70	1.17	4.48	3.04	1.21	2.06	2.22	7.14	
March	2.69	2.81	1.66	.69	2.08	1.26	9.03	1.83	2.27	2.10	
April	1.42	1.39	1.58	3.12	2.20	1.66	3.21	2.65	3.10	2.39	
May	2.57	5.35	3.68	1.53	3.41	4.47	2.94	2.75	3.19	1.78	
June	1.21	3.9	3.29	2.35	5.49	4.45	1.94	4.23	.55	1.96	
July	3.13	4.16	2.83	2.32	4.83	3.17	4.17	2.74	1.74	4.23	
August	6.00	4.06	5.32	3.75	2.59	6.40	.67	7.34	2.64	6.59	
September	7.71	4.24	5.83	4.06	3.40	6.43	1.64	4.68	1.94	9.63	
October	3.49	4.36	5.77	5.89	3.41	3.02	1.60	5.71	8.69	4.44	
November	2.40	1.18	3.19	8.38	1.00	6.99	5.29	3.58	6.17	6.86	
December	4.01	5.43	2.49	3.68	6.84	5.21	4.56	6.83	4.79	4.43	
TOTALS	3632	3846	4404	41.12	43.81	50.98	40.01	52.63	38.96	52.87	
	0	0	0	0	0	0	0	0	0	0	

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 from gauge	Parish Church.	Distance from gauge

Air Ministry, Meteorological Office

Station No. 4035

RAINFALL at Gower (Penrice Castle).

County of Glamorgan

Observer Major B. C. Smartt.

River Basin 2 - Gower Peninsula.

Type of Gauge British P.A. comp' 59

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

Ref.

File No. 93635/31

Diameter ...	5"			497	457						
Height ...	2-0"										as expected
Altitude ...	20'					51			30	20	
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	6.23	5.22	1.77	3.78	3.14	6.02	3.60	4.41	4.58	5.87	
February ...	4.26	0.89	2.65	5.92	3.14	0.42	4.43	5.83	.39	4.86	
March ...	6.35	4.10	2.12	4.38	1.90	1.50	5.30	0.79	3.91	2.08	
April ...	3.51	3.66	3.02	1.11	3.41	1.50	0.29	0.87	3.30	3.67	
May ...	2.78	3.76	3.06	3.14	4.16	1.36	2.06	3.34	1.48	2.43	
June ...	1.11	3.09	2.25	4.55	5.65	3.50	1.86	5.67	3.61	1.33	
July ...	0.62	1.90	5.89	5.62	0.98	4.34	4.40	5.26	3.37	5.25	
August ...	5.73	6.57	5.65	5.09	0.62	5.73	4.13	3.96	1.62	5.87	
September ...	3.21	2.91	5.66	5.60	2.77	6.37	9.21	7.94	.50	6.73	
October ...	1.32	4.68	1.98	8.40	2.62	1.76	4.24	4.23	6.65	7.45	
November ...	7.44	5.59	4.79	8.49	3.73	1.20	2.84	4.25	5.59	9.31	
December ...	4.41	4.30	1.86	4.92	7.50	4.91	2.92	5.74	n.r.	5.85	
TOTALS ...	47.10	46.67	40.70	61.00	39.62	38.61	(45.28)	52.71	60.70		
	D	D	D	D	D	D	D	D	n.p.	d	

1952. Dec. partly uncertain.

1957. Adj for acc. against local stns.

1959. Map. N.W. corner (4/59) 0/5 by glasshouse NE + W. No bathwater available mainly due to cattle farm being converted. S. & E. poor conditions.

1959. n.p. inc.

Further action pending fl 10/6

Position of Station on Ordnance One-Inch map: No. of Map: National Grid Reference 55/21/501880

Date	Lat. N.	Long.	Railway Station	Distance from gauge	Parish Church	Distance from gauge
1952			Swansea.	12m E.	Penrice.	1m N.

Summary of Earlier Records from 10-year Sheets:

Record D, or d		1910-19	1920-30	1931-40	1941-50	1951-60
			1928-30 only	-	✓	✓
			✓	All except 32	✓	