

RAINFALL at Gower, Penrice CastleCounty of GlamorganObserver Lord Blythwood (per The Times)River Basin Gower PeninsularG. Penrice (Gower)

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

Diameter ...										5	5
Height .....										1 9	2
Altitude ...										14	18
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	<del>MEAN</del> 1930
January ...									9.38	2.40	7.43
February ...									5.11	1.98	7.7
March .....									3.46	1.07	2.49
April.....									9.7	1.00	2.24
May .....									7.4	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	1.68	5.83
October.....									8.72	6.06	6.80
November...									5.85	12.17	5.17
December...									4.81	7.76	8.07
TOTALS...									53.09	45.61	54.82

1924 *np.*1929 Cor. for G.O. and arithmetic.  
Wall 10 ft. high, 12 ft. N.1930. Gauge blown over Nov. 18<sup>th</sup>  
G. read 8.2 m. in Wink.  
" " " " 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.			Killay	8 m.	E.	Penrice	1 m.	Sw.

RAINFALL at Gower (Pence 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.										
Height	1 11			3 0	1 6		2 2				
Altitude	12.			30	20.						
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	4.57	5.80	3.11	5.77	1.55	7.12	4.70	4.61	7.85	5.61	5061
February	4.13	02	4.19	.59	4.25	2.64	7.69	2.02	2.94	4.89	3335
March	1.40	1.95	2.90	3.65	1.39	3.81	3.04	93	1.47	3.75	2407
April	3.08	3.00	1.72	3.27	5.73	3.78	3.55	10	4.10	3.04	5544
May	3.92	4.44	2.24	1.90	2.16	1.22	2.75	4.06	1.61	1.68	8142
June	5.36	1.84	2.21	2.36	3.45	3.61	2.48	2.50	2.38	.58	2874
July	5.93	3.49	3.21	.83	.94	6.91	3.36	3.95	7.84	3.56	6869
August	3.75	1.16	1.45	4.11	1.86	1.15	.73	5.65	5.00	.35	9390
September	3.15	5.84	2.30	5.01	7.15	2.64	4.24	2.04	1.12	2.50	3699
October	1.74	10.01	9.04	3.86	7.31	2.61	3.79	7.15	2.60	4.96	5307
November	7.58	3.24	1.55	2.56	7.67	5.99	1.76	7.05	11.21	9.05	15766
December	2.82	3.35	1.90	10.24	3.71	4.04	4.90	4.32	3.43	4.16	4287
TOTALS	47.43	44.04	35.82	44.05	47.17	48.52	42.99	44.38	51.55	44.13	49235

1931. Wall 10' high, 12' N.  
 Trees 15' " 6' S.  
 Fencing 5' " 3' E.  
 Bush 3' " 7' W.

1940 Jan. part est'd.

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	Direction from gauge
1931.			Killay	8 m.	E.	Pence	1 m.	S.W.

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. L. M. Liffett Esq (1943)

Type of Gauge glasser Major B. C. Smart (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	74	2.70	1.17	4.48	3.04	1.27	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	.39	3.29	2.35	5.49	4.45	1.94	4.23	.55	1.96	
July	5.13	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	.69	7.34	2.64	6.59	
September	.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	36.32	38.76	44.04	41.12	43.81	50.98	40.01	52.63	38.96	52.87	
	0	2	3	2	2	2	2	2	2	2	

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.

BRITISH RAINFALL ORGANIZATION



# Air Ministry, Meteorological Office

RAINFALL at Gower (Penrice Castle) Station No. 4035  
 County of Gloucestershire Observer Major B. C. Smartt  
 River Basin 2 - Gower Peninsula  
 Type of Gauge British P.A. no. 100' 59

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

File No. 93635/31

Diameter ...	5"				497	457						
Height ...	2'-6"					1						
Altitude ...	20'					51			30	30		
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	7.41	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	0.77	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	3.54	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	3.76	1.62	5.87		
September ...	3.24	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	n.p.	60.70		

1952. Dec. partly uncertain.

1957. Adj. for acc. against local stars

1959. Insp. 11/05/59 o/s by two glasshouses NE & W. No built up available nearby but site at Castle farm being considered. 3.22 poor condition

1959. n.p. inc.

Further action pending for 10/60

Position of Station on Ordnance One-Inch map: No. of Map 33/21 National Grid Reference 50180

Date	Lat. N.	Long.	Railway Station	Distance Direction from gauge	Parish Church	Distance Direction from gauge
1952			Gower sea.	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	✓	