

RAINFALL AT Gower Penmaen

Lat.

Long.

County of Glamorgan

Rain Gauge, by

Observer Mrs. BosstockGower - 2.

Diameter	6						5				
Height	10										
Altitude	300 T										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	5.58	3.59	3.00	2.70	4.15	4.92	1.76	1.35			
February	1.43	.12	2.45	6.09	3.69	.40	.77	6.66			
March	2.06	2.25	1.05	.64	3.20	3.31	4.51	4.68			
April	2.32	3.65	2.09	.32	1.87	2.28	1.10	4.27			
May	3.88	3.43	1.49	1.90	4.07	.54	.10	1.69			
June	4.09	3.08	1.75	1.07	2.41	3.01	.97	2.31			
July	3.57	3.15	2.42	3.86	4.77	3.52	2.52	1.89			
August	3.19	7.60	4.48	2.27	4.20	3.20	2.81	4.84			
September	3.01	5.16	3.45	3.01	2.44	1.00	7.52	4.74			
October	3.20	9.48	4.52	6.16	7.29	4.29	4.46	2.85			
November	5.25	4.31	6.14	3.34	6.79	5.89	1.20	3.16			
December	1.44	7.28	3.95	5.92	5.50	4.11	7.74	5.41			
TOTALS	39.02	53.10	36.79	37.28	50.38	36.47	35.46	43.85			

1890 Penmaen Church $\frac{1}{2}$ or $\frac{3}{4}$ Mile W^{E}

Garden Wall & Tree 10 ft to 5 ft high further than height N+NW

RAINFALL AT

Pennant Power

Cape May 1902

Lat.

Lon.

County of Gloucester

Rain Gauge, by

Observer R. A. Bostock - Western Mail

Power Pen - 2.

Diameter ..	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
Height ..											1.5
Altitude ..											300
Year ..	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	
January ..							7.24	2.61			2.16
February ..							3.33	1.09			.50
March ..								1.77			4.25
April											2.86
May											1.74
June								4.47			2.19
July								3.60			3.66
August								5.48			1.79
September ..								1.75			4.36
October								8.97			6.94
November ..								3.05			2.45
December ..											8.43
TOTALS ..											41.33

Killay Station

RAINFALL at Penmaen Castle Mor

County of Glamorgan

Bapt R
Observer

A. Boatshay

River Basin Gower Peninsula 2

Mrs. Boatshay 1919.

Rain Gauge, by 1/63

Diameter ...	5										
Height	1.5										
Altitude ...	300										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	1916-19 Mean. Totals
January ...	5.15	1.76	5.43	8.28	2.43	5.14	2.72	1.48	5.00	5.54	14.74
February ...	5.23	3.30	3.08	1.42	5.45	5.53	5.19	2.94	3.33	4.35	15.67
March89	2.19	6.30	6.80	5.95	1.07	2.44	2.18	2.58	5.55	12.75
April	3.06	2.79	.28	5.21	1.17	1.99	1.89	2.19	3.00	1.71	8.79
May	1.84	1.61	2.14	3.16	2.64	3.06	3.46	2.66	1.28	1.16	8.56
June	4.16	3.10	4.90	3.06	1.71	1.66	3.19	3.15	1.13	2.27	9.74
July	5.12	4.43	3.52	.80	5.68	4.38	1.99	4.87	3.54	.71	10.59
August	5.33	3.35	9.51	1.69	4.68	1.83	3.08	7.36	3.32	3.28	17.04
September ..	.27	3.10	.62	3.61	3.22	1.76	2.51	3.38	8.49	2.29	16.40
October ...	4.19	3.56	5.99	5.51	2.36	4.22	10.89	6.28	3.87	2.57	23.41
November ..	5.48	6.35	3.53	7.37	4.52	4.37	3.39	3.58	4.48	3.15	14.60
December ...	5.73	8.52	7.57	3.53	9.21	7.93	3.41	1.13	5.95	7.02	14.51
TOTALS ...	46.45	40.06	52.87	50.44	49.02	42.94	141.15	40.60	45.97	39.38	170.10

1913 House 30ft high 40 yards N.W.

BP

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1911			Hillay	6mi	E	Penmaen	200 Jds	S.E.
1919	51° 35' 48"						1/4 mi	E

RAINFALL at Penmaen (Llwyn Mawr)

County of Glamorgan.

Observer Mrs. R. A. Bootock.

River Basin 2 - Gower Peninsula.

Type of Gauge.

Annual Average Al. S. in. based on 23 years obs. un-weighted. Period of average 1881-1935 Ref. S

700246 26

Diameter	5										
Height	1.6										
Altitude	800										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	1931-40 Means Total days
January	4.19	4.30	2.40	4.54	1.02	5.12	4.89	5.93	7.20	5.52	45.11
February	3.94	0.00	3.42	.58	3.63	1.85	6.69	2.22	2.91	4.66	29.90
March	1.07	1.61	2.59	2.80	1.25	3.32	3.03	1.05	1.59	3.41	21.72
April	2.38	2.62	1.49	2.83	5.04	3.00	3.41	.11	3.80	2.67	27.35
May	3.82	4.05	2.20	1.78	1.82	1.11	2.78	4.35	1.46	1.91	25.28
June	4.55	1.57	2.08	2.06	2.27	3.65	1.65	2.39	2.41	.67	23.09
July	5.20	3.34	3.01	.71	.72	5.95	2.76	3.88	7.34	3.16	36.07
August	3.41	1.05	1.17	3.16	1.75	1.37	.59	5.42	4.64	.38	22.94
September	2.77	5.57	1.64	3.85	6.41	4.04	3.93	2.06	0.66	2.40	33.33
October	1.37	8.31	7.09	3.50	5.17	2.12	3.40	6.86	2.48	5.12	45.42
November	6.77	2.75	1.45	2.32	6.45	5.15	2.28	7.24	12.07	9.50	55.98
December	2.53	3.05	1.62	9.14	3.53	3.12	4.40	4.62	3.43	4.94	40.38
TOTALS	42.00	35.22	30.16	37.26	39.08	39.70	39.71	46.13	49.99	44.34	406.57

1935 - Readings have been getting low & a new 5" g. was purchased 25.6.36 to replace worn out g.

Station was not used as a radio station for 1909-43 Survey - Values consistently low for the height until 1937

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	6 m.	?	Penmaen	500 yds. E.

Station No. H036

RAINFALL at Penmaen (Cefn Môr)

41

County of Glamorgan

Observer

Mr R.A. Beattie

River Basin 2 - Gower Peninsula

Mr. E. Palmer (1949)
R.S.

Type of Gauge.

Annual Average 41.5 in. based on 23 years obs. unweighted. Period of average 1881-1945 Ref. S

File No. 7002446/2a

Diameter	5			497	423						
Height	1	6				1					
Altitude	300					41					
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means 1941-50
January	3.96	5.30	6.41	4.62	4.37	5.29	3.31	8.08	1.73	1.49	44.56
February	3.92	4.40	2.86	1.18	4.99	2.92	1.11	1.96	2.18	6.64	28.16
March	2.69	2.81	1.54	6.7	2.26	1.14	8.56	1.95	2.37	2.22	26.21
April	1.22	1.42	1.60	3.20	2.43	1.66	3.17	2.56	3.19	2.34	22.79
May	2.66	5.38	3.77	1.45	3.61	3.66	3.22	2.38	3.13	1.83	31.09
June	1.06	4.3	3.48	2.61	5.35	4.39	1.91	4.66	.50	2.14	26.53
July	3.10	4.34	3.02	2.28	4.86	3.33	4.30	2.40	2.44	1.50	34.57
August	5.98	3.68	5.19	3.81	2.67	6.77	.53	7.64	1.97	7.22	45.46
September	.63	4.34	6.88	4.66	3.31	6.91	2.38	4.69	1.72	9.18	44.70
October	3.92	4.92	4.88	6.25	3.66	2.64	1.76	5.80	8.61	5.35	47.79
November	2.33	1.02	3.32	8.68	.94	6.86	4.27	3.48	6.71	6.86	44.47
December	4.03	5.95	2.48	3.83	6.72	5.26	4.31	6.62	4.86	1.49	48.55
TOTALS	35.50	39.99	45.43	43.24	45.17	50.83	38.83	52.22	39.41	54.26	444.88

1942 Tree 30' high 25° W.S.W.

X8P

Position of Station on reduced Ordnance Survey Map, 1 mile to 1 inch Series No. of Map..... Reference No. 21-52786

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge
1941			Killey	6 mi	E.	Penmaen	500 yds E
1949			Jewellsea	10 mi	SW.	Penmaen	1/2 mi SW.

BRITISH RAINFALL ORGANIZATION

Air Ministry, Meteorological Office

Station No. 4936

RAINFALL at Penmaen (Refn M&S).

County of Glamorgan.

Observer Mrs R. S. Palmer

River Basin 2 - Gower Peninsula

Type of Gauge

Annual Average 41.5 in. based on 23 years obs. un-weighted. Period of average 1881 - 1915

Ref. S
P

43.53 - 35 " 1916-50 " File No.

Diameter	5"		497	423						
Height	1-6'				1					
Altitude	300'				51					
Year	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960
January	6.61	5.66	1.87	3.85						
February	4.13	0.87	2.87	5.95						
March	6.54	4.25	2.84	3.97						
April	4.13	3.56	3.23	1.32						
May	3.00	3.68	3.19	2.80						
June	1.14	3.25	2.13	4.29						
July	0.74	1.92	5.60	6.12						
August	6.37	6.37	5.75	4.94						
September	3.45	2.78	5.47	5.47						
October	1.81	4.28	2.41	8.29						
November	6.99	4.93	4.83	9.31						
December	4.77	4.29	1.84	(4.95)						
TOTALS	49.68	45.81	42.03	61.26	N.R.					

1952. Houses & buildings 20' high, 10° - 100° N, S & W.

1954. See part est.

00014

X

Position of Station on Ordnance One-Inch map: No. of Map: National Grid Reference 21-527876

Date	Lat. N.	Long.	Railway Station	Distance from gauge	Direction	Parish Church	Distance from gauge	Direction
1951			Swansea.	10m	E.	Penmaen.	2m	E
1953			Killey.	8m	E.	—	—	—

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
		✓	✓	✓	✓	
		20-66 Except 29 26, 29, 30, 27-28 D	31, 32, 33, 34, 35, 36 38-40 D	41-42, 43, 44-45, 46-47, 48-49, 50-51, 52-53, 54-55, 56-57, 58-59, 60-61, 62-63, 64-65, 66-67, 68-69, 70-71, 72-73, 74-75, 76-77, 78-79, 80-81, 82-83, 84-85, 86-87, 88-89, 90-91, 92-93, 94-95, 96-97, 98-99, 100-101, 102-103, 104-105, 106-107, 108-109, 110-111, 112-113, 114-115, 116-117, 118-119, 120-121, 122-123, 124-125, 126-127, 128-129, 130-131, 132-133, 134-135, 136-137, 138-139, 140-141, 142-143, 144-145, 146-147, 148-149, 150-151, 152-153, 154-155, 156-157, 158-159, 160-161, 162-163, 164-165, 166-167, 168-169, 170-171, 172-173, 174-175, 176-177, 178-179, 180-181, 182-183, 184-185, 186-187, 188-189, 190-191, 192-193, 194-195, 196-197, 198-199, 200-201, 202-203, 204-205, 206-207, 208-209, 210-211, 212-213, 214-215, 216-217, 218-219, 220-221, 222-223, 224-225, 226-227, 228-229, 230-231, 232-233, 234-235, 236-237, 238-239, 240-241, 242-243, 244-245, 246-247, 248-249, 250-251, 252-253, 254-255, 256-257, 258-259, 260-261, 262-263, 264-265, 266-267, 268-269, 270-271, 272-273, 274-275, 276-277, 278-279, 280-281, 282-283, 284-285, 286-287, 288-289, 290-291, 292-293, 294-295, 296-297, 298-299, 299-300, 301-302, 303-304, 305-306, 307-308, 309-310, 311-312, 313-314, 315-316, 317-318, 319-320, 321-322, 323-324, 325-326, 327-328, 329-330, 331-332, 333-334, 335-336, 337-338, 339-340, 341-342, 343-344, 345-346, 347-348, 349-350, 351-352, 353-354, 355-356, 357-358, 359-360, 361-362, 363-364, 365-366, 367-368, 369-370, 371-372, 373-374, 375-376, 377-378, 379-380, 381-382, 383-384, 385-386, 387-388, 389-390, 391-392, 393-394, 395-396, 397-398, 399-400, 401-402, 403-404, 405-406, 407-408, 409-410, 411-412, 413-414, 415-416, 417-418, 419-420, 421-422, 423-424, 425-426, 427-428, 429-430, 431-432, 433-434, 435-436, 437-438, 439-440, 441-442, 443-444, 445-446, 447-448, 449-450, 451-452, 453-454, 455-456, 457-458, 459-460, 461-462, 463-464, 465-466, 467-468, 469-470, 471-472, 473-474, 475-476, 477-478, 479-479, 480-481, 482-483, 484-485, 486-487, 488-489, 490-491, 492-493, 494-495, 496-497, 498-499, 499-500, 501-502, 503-504, 505-506, 507-508, 509-509, 510-511, 512-513, 514-515, 516-517, 518-519, 520-521, 522-523, 524-525, 526-527, 528-529, 530-531, 532-533, 534-535, 536-537, 538-539, 540-541, 542-543, 544-545, 546-547, 548-549, 550-551, 552-553, 554-555, 556-557, 558-559, 560-561, 562-563, 564-565, 566-567, 568-569, 570-571, 572-573, 574-575, 576-577, 578-579, 580-581, 582-583, 584-585, 586-587, 588-589, 590-591, 592-593, 594-595, 596-597, 598-599, 599-600, 601-602, 603-604, 605-606, 607-608, 609-609, 610-611, 612-613, 614-615, 616-617, 618-619, 620-621, 622-623, 624-625, 626-627, 628-629, 630-631, 632-633, 634-635, 636-637, 638-639, 640-641, 642-643, 644-645, 646-647, 648-649, 650-651, 652-653, 654-655, 656-657, 658-659, 660-661, 662-663, 664-665, 666-667, 668-669, 670-671, 672-673, 674-675, 676-677, 678-679, 680-681, 682-683, 684-685, 686-687, 688-689, 690-691, 692-693, 694-695, 696-697, 698-699, 699-700, 701-702, 703-704, 705-706, 707-708, 709-709, 710-711, 712-713, 714-715, 716-717, 718-719, 720-721, 722-723, 724-725, 726-727, 728-729, 730-731, 732-733, 734-735, 736-737, 738-739, 740-741, 742-743, 744-745, 746-747, 748-749, 750-751, 752-753, 754-755, 756-757, 758-759, 760-761, 762-763, 764-765, 766-767, 768-769, 770-771, 772-773, 774-775, 776-777, 778-779, 779-780, 781-782, 783-784, 785-786, 787-787, 789-790, 791-792, 793-794, 795-796, 797-798, 799-799, 800-801, 802-803, 804-805, 806-807, 808-809, 809-809, 810-811, 812-813, 814-815, 816-817, 818-819, 820-821, 822-823, 824-825, 826-827, 828-829, 830-831, 832-833, 834-835, 836-837, 838-839, 840-841, 842-843, 844-845, 846-847, 848-849, 850-851, 852-853, 854-855, 856-857, 858-859, 860-861, 862-863, 864-865, 866-867, 868-869, 870-871, 872-873, 874-875, 876-877, 878-879, 880-881, 882-883, 884-885, 886-887, 888-889, 890-891, 892-893, 894-895, 896-897, 898-899, 899-900, 901-902, 903-904, 905-906, 907-908, 909-909, 910-911, 912-913, 914-915, 916-917, 918-919, 920-921, 922-923, 924-925, 926-927, 928-929, 930-931, 932-933, 934-935, 936-937, 938-939, 940-941, 942-943, 944-945, 946-947, 948-949, 950-951, 952-953, 954-955, 956-957, 958-959, 959-959, 960-961, 962-963, 964-965, 966-967, 968-969, 970-971, 972-973, 974-975, 976-977, 978-979, 979-979, 980-981, 982-983, 984-985, 986-987, 988-989, 990-991, 992-993, 994-995, 996-997, 998-999, 999-999, 1000-1000, 1001-1002, 1003-1004, 1005-1006, 1007-1008, 1009-1009, 1010-1011, 1012-1013, 1014-1015, 1016-1017, 1018-1019, 1020-1021, 1022-1023, 1024-1025, 1026-1027, 1028-1029, 1030-1031, 1032-1033, 1034-1035, 1036-1037, 1038-1039, 1040-1041, 1042-1043, 1044-1045, 1046-1047, 1048-1049, 1050-1051, 1052-1053, 1054-1055, 1056-1057, 1058-1059, 1059-1059, 1060-1061, 1062-1063, 1064-1065, 1066-1067, 1068-1069, 1070-1071, 1072-1073, 1074-1075, 1076-1077, 1078-1079, 1080-1081, 1082-1083, 1084-1085, 1086-1087, 1088-1089, 1090-1091, 1092-1093, 1094-1095, 1096-1097, 1098-1099, 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