

Regional ombrian curves: design rainfall estimation for a spatially diverse rainfall regime

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This is a supplementary file to the paper ‘Regional ombrian curves: design rainfall estimation for a spatially diverse rainfall regime’ by T. Iliopoulou, N. Malamos and D. Koutsoyiannis. Tables S1 and S2 provide detailed information on the daily and sub-daily raingauges used in the analysis. The data are obtained from the Public Power Corporation (PPC) of Greece, the Hellenic Ministry of Environment and Energy (HMEE), the Hellenic Ministry of Agricultural Development and Food (HMADF), the Hellenic Ministry of Agriculture (HMA), the Hellenic National Meteorological Service (HNMS) and the meteo network of the National Observatory of Athens.

Table S1: Properties of the daily raingauges (coordinates, elevation, source and record length) used in the analysis. Coordinates are based on the Greek Grid projection system.

	Station Name	X (m)	Y (m)	Z (m)	Source	Record length
1	Agiofillo	291 669	4 415 392	600	HMEE	1950-2011
2	Agrelia	322 649	4 397 952	700	HMADF	1972-1992
3	Agchialos	396 203	4 341 105	15	HNMS	1956-1993
4	Amarantos	315 620	4 342 587	800	HMAF	1972-2006
5	Anavra	372 327	4 327 101	208	HMEE	1950-2012
6	Argithea	288 679	4 358 079	992	PPC	1963-2003
7	Verdikoussa	327 102	4 405 255	863	HMEE	1949-2012
8	Vrontero	286 305	4 375 195	853	PPC	1990-2020
9	Giannota	333 296	4 427 329	500	HMEE	1950-2012
10	Drakotrypa	293 185	4 365 363	680	PPC	1960-2012
11	Elassona	344 494	4 417 838	314	HMEE	1950-2011
12	Elati (PPC)	313 872	4 427 213	664	PPC	1995-2020
13	Elati (HMEE)	287 748	4 376 618	900	HMEE	1950-2011
14	Zappeio	366 461	4 369 310	170	HMEE	1950-2012
15	Zileuto	349 557	4 310 404	120	HMEE	1954-2013
16	Kallipefki	368 844	4 424 784	1050	PPC	1970-1992
17	Karoplesi	306 849	4 337 245	910	PPC	1995-2012
18	Karditsa	321 757	4 359 103	103	HMEE	1950-2012
19	Karpero	296 204	4 424 125	504	PPC	1962-2020
20	Katafyto	263 784	4 390 276	980	HMEE	1953-2010
21	Kipoyrgio	274 279	4 425 745	828	PPC	1962-2020
22	Koniskos	311 401	4 405 624	860	HMADF	1972-2009
23	Kryovrysi	357 491	4 426 838	1030	HMA	1990-2009
24	Larissa	368 210	4 387 785	79	HNMS	1995-2005

25	Livadi (HMA)	342 182	4 443 797	1179	HMA	1989-2009
26	Livadi (HMEE)	342 182	4 443 797	1179	HMEE	1950-2012
27	Liopraso	314 719	4 393 282	688	HMADF	1972-2009
28	Loutropigi	331 211	4 331 131	730	HMEE	1970-2012
29	Magoula	343 055	4 343 956	170	HMA	1990-2009
30	Makrinitza	412 260	4 361 258	690	HMEE	1950-2012
31	Makryrachi	340 691	4 327 788	603	HMEE	1983-2012
32	Malakasio	267 150	4 406 840	842	HMEE	1950-2012
33	Megali Kerasia	285 604	4 402 599	500	HMEE	1970-2013
34	Meteora	296 980	4 400 438	596	HMEE	1940-2013
35	Molocha	315 446	4 335 188	790	PPC	1960-2015
36	Mouzaki	298 972	4 367 063	226	HMEE	1960-2012
37	Mpezoula	301 465	4 352 189	901	HMEE	1950-1996, 2001-2012
38	Myra	375 034	4 367 317	320	HMA	1990-2010
39	Neochori	314 969	4 314 839	800	PPC	1960-1992
40	Paleochori	278 037	4 388 000	1050	PPC	1959-1992
41	Pertouli	282 121	4 380 478	1160	HMEE	1950-1996, 2001-2013
42	Pitsiota	317 985	4 320 322	800	PPC	1960-1992
43	Pythio	349 135	4 436 253	750	HMA	1990-2011
44	Pyloroi	299 746	4 439 832	715	PPC	1963-1993
45	Pyrgetos	380 116	4 417 196	31	HMEE	1958-2012
46	Rachoula	315 664	4 344 437	330	PPC	1960-1992
47	Rentina	325 324	4 325 708	903	HMEE	1950-2012
48	Skopia	367 299	4 334 140	450	HMEE	1970-2012
49	Spilia	384 223	4 406 031	813	HMEE	1950-2012
50	Stournareika	283 294	4 371 187	860	PPC	1959-2020
51	Sotirio (HMA)	389 455	4 372 649	51	HMA	1990-2012
52	Sotirio (HMEE)	389 455	4 372 649	54	HMEE	1960-2012
53	Trikala	307 901	4 379 795	114	HNMS	1973-2009
54	Trilofa	345 367	4 317 887	580	HMEE	1951-2013
55	Tymfristos	319 174	4 309 189	850	HMEE	1951-2012
56	Tyrnavos	352 688	4 399 169	92	HMEE	1950-2012
57	Plastiras Hydro-Electric Station (HES)	307 169	4 350 195	800	PPC	1967-1996
58	Farkadona	333 800	4 384 747	87	HMEE	1950-2013
59	Farsala	359 599	4 350 003	250	HMADF	1959-2009
60	Plastiras Dam	304 154	4 344 717	850	PPC	1967-2015
61	Chrysomilia	285 140	4 385 948	940	HMEE	1960-2013

Table S2: Properties (coordinates, elevation, source and record length) of the sub-daily raingauges (tipping-buckets) used in the analysis. Coordinates are based on the Greek Grid projection system.

	Station name	X (m)	Y (m)	Z (m)	Source	Record length
1	Agchialos	396 203	4 341 105	42	HNMS	1988-1994, 2007-2010
2	Argithea	288 679	4 358 079	980	PPC	1959-1995, 1999-2015
3	Vrontero	286 305	4 375 195	853	PPC	1990-2009
4	Drakotrypa	293 185	4 365 363	680	PPC	1985-2000, 2013-2020
5	Elassona	344 494	4 417 838	314	HMEE	1960-1998
6	Karditsa	321 757	4 359 103	103	HMEE	1959-2000
7	Karpero	296 204	4 424 125	504	PPC	1962-2012
8	Larissa	368 210	4 387 785	73	HNMS	1972-1986, 1995-2009
9	Loutropigi	331 211	4 331 131	730	HMEE	1970-1986, 1992-2002
10	Megali Kerasia	285 604	4 402 599	500	HMEE	1970-1980, 1986-2009
11	Metaxas	326 848	4 438 892	1076	PPC	1964-1995
12	Paleochori	278 037	4 388 000	1050	PPC	1962-1983
13	Pertouli	282 097	4 379 607	1170	meteo	2009-2021
14	Pyloroi	299 746	4 439 832	715	PPC	1962-1994
15	Skopia	367 299	4 334 140	450	HMEE	1971-1988, 1994-1996
16	Trikala (HNMS)	307 901	4 379 795	149	HNMS	1995-2009
17	Trikala (meteo)	307 843	4 381 060	163	meteo	2009-2021