

Supplementary Material S6

Table S6. Average of standard deviation (SD), centered root-mean-square error (RMSE), and Pearson correlation coefficient (CC) for Tmax, Tmin and DTR for 5 selected AWSs (observed), corresponding ERA-Land data and closest climatological station (model).

	Tmax							Tmin							DTR						
R1	79m_NSC_A	ERA5-Land			Novi Sad			79m_NSC_A	ERA5-Land			Novi Sad			79m_NSC_A	ERA5-Land			Novi Sad		
Year	SD	SD	RMSE	CC	SD	RMSE	CC	SD	SD	RMSE	CC	SD	RMSE	CC	SD	SD	RMSE	CC	SD	RMSE	CC
2013	9.8	8.6	2.20	0.98	9.0	1.65	0.99	6.0	7.1	2.75	0.96	6.5	1.54	0.98	5.7	3.1	4.15	0.82	4.4	2.51	0.91
2014	8.1	7.3	1.76	0.98	7.6	1.34	0.99	6.0	6.3	2.11	0.96	6.0	1.63	0.97	4.6	3.2	3.30	0.82	4.0	1.89	0.92
2015	10.8	9.9	1.70	0.99	10.3	1.21	0.99	7.1	8.0	2.46	0.98	7.4	1.21	0.99	5.8	3.7	3.57	0.89	5.0	1.77	0.97
2016	10.1	9.0	1.84	0.99	9.6	1.03	1.00	7.3	7.7	2.14	0.98	7.4	0.91	0.99	4.8	2.9	3.41	0.84	4.1	1.58	0.96
2017	11.4	10.5	1.76	0.99	11.1	1.15	1.00	7.9	8.6	2.88	0.97	8.4	1.40	0.99	5.5	3.5	3.67	0.88	4.6	2.00	0.95
2018	10.9	9.3	2.64	0.99	9.9	1.81	0.99	7.4	8.1	2.65	0.97	7.6	1.20	0.99	5.5	3.1	4.72	0.79	4.3	2.66	0.94
R2	91m_SOR_A	ERA5-Land			Subotica			91m_SOR_A	ERA5-Land			Subotica			91m_SOR_A	ERA5-Land			Subotica		
Year	SD	SD	RMSE	CC	SD	RMSE	CC	SD	SD	RMSE	CC	SD	RMSE	CC	SD	SD	RMSE	CC	SD	RMSE	CC
2013	10.7	9.4	1.85	0.99	10.2	1.37	0.99	6.8	7.5	2.84	0.97	7.4	2.3	0.97	5.6	3.2	4.10	0.86	4.3	3.00	0.92
2014	8.9	8.2	1.67	0.99	8.4	1.43	0.99	6.6	6.8	2.63	0.97	6.6	2.4	0.96	5.0	3.1	3.83	0.88	3.9	2.90	0.91
2015	10.7	9.5	1.97	0.99	10.1	1.46	0.99	7.1	8.0	2.91	0.97	7.7	2.4	0.98	6.0	3.5	4.35	0.88	4.5	3.37	0.93
2016	10.3	9.1	2.08	0.99	9.7	1.48	0.99	7.2	7.8	2.88	0.97	7.6	2.1	0.98	5.2	2.8	4.48	0.84	3.9	3.14	0.91
2017	10.9	9.8	1.98	0.99	10.4	1.31	0.99	7.5	8.2	3.12	0.97	8.0	2.3	0.98	5.4	3.1	4.61	0.86	4.3	2.99	0.93
2018	11.1	9.9	1.91	0.99	10.6	1.24	1.00	7.8	8.5	2.77	0.97	8.2	2.1	0.98	5.2	3.0	4.15	0.86	3.9	2.75	0.93
R3	90m_CRC_PI	ERA5-Land			Vrsac			90m_CRC_PI	ERA5-Land			Vrsac			90m_CRC_PI	ERA5-Land			Vrsac		
Year	SD	SD	RMSE	CC	SD	RMSE	CC	SD	SD	RMSE	CC	SD	RMSE	CC	SD	SD	RMSE	CC	SD	RMSE	CC
2013	10.8	9.4	2.76	0.99	9.9	1.71	0.99	6.9	7.7	3.86	0.90	7.4	3.03	0.92	6.5	3.4	5.82	0.79	5.0	3.75	0.86
2014	9.0	8.2	2.57	0.98	8.3	1.55	0.99	6.7	7.0	2.21	0.97	6.9	2.45	0.95	5.1	3.3	4.25	0.89	4.6	2.82	0.90
2015	11.0	9.6	2.50	0.99	10.3	1.24	1.00	7.8	8.1	2.33	0.97	8.2	2.22	0.96	5.6	3.5	4.20	0.88	5.4	2.52	0.91
2016	10.3	9.0	2.76	0.99	9.6	1.44	0.99	7.1	7.6	3.27	0.95	8.0	2.47	0.96	5.5	3.2	5.52	0.79	4.6	3.18	0.85

R4	71m_KIK_Pl	ERA5-Land			Kikinda			71m_KIK_Pl	ERA5-Land			Kikinda			71m_KIK_Pl	ERA5-Land			Kikinda		
Year	SD	SD	RMSE	CC	SD	RMSE	CC	SD	SD	RMSE	CC	SD	RMSE	CC	SD	SD	RMSE	CC	SD	RMSE	CC
2013	9.9	8.8	2.11	0.99	9.4	1.34	0.99	6.1	7.0	2.62	0.97	6.6	1.27	0.99	5.3	3.1	4.29	0.89	4.3	2.14	0.97
2014	9.0	8.0	1.88	0.99	8.5	1.17	0.99	6.6	6.8	2.11	0.97	6.5	1.40	0.98	4.8	3.1	3.44	0.88	4.2	1.69	0.97
2015	10.7	9.8	2.12	0.98	10.4	1.45	0.99	7.3	8.2	2.39	0.98	7.7	1.21	0.99	5.8	3.5	3.78	0.89	5.0	1.92	0.96
2016	10.3	9.2	1.77	0.99	9.8	0.73	1.00	7.4	7.7	2.03	0.98	7.5	1.09	0.99	4.8	2.9	3.29	0.87	4.2	1.42	0.96
2017	11.4	10.2	2.53	0.98	11.0	1.95	0.99	8.2	8.5	2.66	0.98	8.3	1.28	0.99	5.5	3.2	4.17	0.80	4.5	2.50	0.90
2018	10.1	9.3	2.38	0.97	9.9	2.09	0.98	7.3	7.8	2.57	0.97	7.4	1.20	0.99	5.4	3.0	4.11	0.79	4.2	2.61	0.88
R5	94m_SMK_G_Pr	ERA5-Land			Sr. Mitrovica			94m_SMK_G_Pr	ERA5-Land			Sr. Mitrovica			94m_SMK_G_Pr	ERA5-Land			Sr. Mitrovica		
Year	SD	SD	RMSE	CC	SD	RMSE	CC	SD	SD	RMSE	CC	SD	RMSE	CC	SD	SD	RMSE	CC	SD	RMSE	CC
2014	8.0	7.2	1.83	0.98	7.7	1.21	0.99	5.9	6.3	1.68	0.96	6.2	1.61	0.97	4.2	3.1	2.65	0.80	4.4	2.27	0.90
2015	9.4	9.2	2.03	0.98	9.5	1.46	0.99	6.5	7.5	2.63	0.94	6.8	2.37	0.95	4.8	3.7	2.76	0.85	5.3	2.34	0.91
2016	9.9	9.1	1.86	0.99	9.6	0.93	1.00	7.2	7.8	1.92	0.97	7.4	1.43	0.98	4.5	3.0	3.10	0.79	4.6	1.92	0.93
2017	11.2	10.9	1.70	0.99	11.1	1.17	1.00	8.2	9.2	2.31	0.97	8.4	1.70	0.98	4.7	3.5	2.73	0.83	5.0	2.23	0.93
2018	10.7	9.9	1.84	0.99	10.6	0.95	1.00	7.5	8.4	2.09	0.97	7.7	1.42	0.99	4.8	3.2	3.23	0.80	4.8	1.76	0.95