

Tab 3 - Avezzano site, maximum temperatures. Bayesian predictive distribution of pentadal averages .															
Winter season				Spring season				Summer season				Autumn season			
Pentadal time units (starting date)	Expected value	97.5 percentile	2.5 percentile	Pentadal time units (starting date)	Expected value	97.5 percentile	2.5 percentile	Pentadal time units (starting date)	Expected value	97.5 percentile	2.5 percentile	Pentadal time units (starting date)	Expected value	97.5 percentile	2.5 percentile
								25-Jun	27.2	20.1	34.3	28-Sep	22.2	15.1	29.2
				27-Mar	14.3	7.3	21.2	30-Jun	27.5	20.5	34.6	3-Oct	21.1	14.1	28.0
1-Jan	5.9	-0.1	12.0	1-Apr	14.4	7.5	21.5	5-Jul	27.8	20.9	34.8	8-Oct	20.1	13.1	26.9
6-Jan	5.6	-0.9	12.2	6-Apr	14.6	7.5	21.5	10-Jul	28.3	21.2	35.2	13-Oct	19.2	12.2	26.2
11-Jan	5.6	-1.1	12.3	11-Apr	14.8	7.8	21.8	15-Jul	28.8	21.8	35.9	18-Oct	18.3	11.4	25.4
16-Jan	5.7	-1.3	12.4	16-Apr	15.4	8.5	22.5	20-Jul	29.4	22.3	36.5	23-Oct	17.5	10.5	24.5
21-Jan	6.1	-0.6	12.9	21-Apr	16.3	9.3	23.3	25-Jul	30.0	22.9	36.8	28-Oct	16.5	9.6	23.4
26-Jan	6.6	-0.2	13.4	26-Apr	17.2	10.2	24.2	30-Jul	30.3	23.3	37.4	2-Nov	15.3	8.5	22.2
31-Jan	7.1	0.2	14.0	1-May	18.2	11.2	25.4	4-Aug	30.4	23.4	37.4	7-Nov	13.9	7.0	21.0
5-Feb	7.5	0.5	14.5	6-May	19.2	12.1	26.2	9-Aug	30.1	23.0	37.2	12-Nov	12.5	5.3	19.6
10-Feb	7.9	1.0	15.0	11-May	20.1	13.1	27.1	14-Aug	29.4	22.4	36.5	17-Nov	11.0	4.0	17.9
15-Feb	8.4	1.5	15.4	16-May	20.9	13.8	28.2	19-Aug	28.6	21.5	35.5	22-Nov	9.7	2.9	16.6
20-Feb	9.0	2.2	15.9	21-May	21.7	14.7	28.7	24-Aug	27.7	20.5	34.7	27-Nov	8.7	1.8	15.7
25-Feb	9.8	2.8	16.6	26-May	22.6	15.5	29.8	29-Aug	26.8	19.7	33.8	2-Dec	8.1	1.3	15.1
2-Mar	10.8	3.9	17.8	31-May	23.4	16.3	30.6	3-Sep	26.1	19.0	33.1	7-Dec	7.8	0.8	14.7
7-Mar	11.8	4.7	18.7	5-Jun	24.4	17.3	31.5	8-Sep	25.4	18.3	32.6	12-Dec	7.5	0.7	14.6
12-Mar	12.8	5.8	19.7	10-Jun	25.3	18.2	32.3	13-Sep	24.8	17.8	31.9	17-Dec	7.5	0.4	14.6
17-Mar	13.5	6.6	20.5	15-Jun	26.2	19.1	33.3	18-Sep	24.0	16.9	30.9	22-Dec	7.1	0.1	14.1
22-Mar	14.0	7.1	21.0	20-Jun	26.8	19.7	33.8	23-Sep	23.1	16.1	30.0	27-Dec	6.8	-0.3	13.9

Tab.4 Avezzano site, maximum temperatures. Probability of exceeding some thermal thresholds of agricultural interest

Winter season						Spring season						Summer season						Autumn season					
Pentadal time units (starting date)	Probability of tmax>0°C	Probability of tmax>5°C	Probability of tmax>10°C	Probability of tmax>20°C	Probability of tmax>30°C	Pentadal time units (starting date)	Probability of tmax>0°C	Probability of tmax>5°C	Probability of tmax>10°C	Probability of tmax>20°C	Probability of tmax>30°C	Pentadal time units (starting date)	Probability of tmax>0°C	Probability of tmax>5°C	Probability of tmax>10°C	Probability of tmax>20°C	Probability of tmax>30°C	Pentadal time units (starting date)	Probability of tmax>0°C	Probability of tmax>5°C	Probability of tmax>10°C	Probability of tmax>20°C	Probability of tmax>30°C
												25-Jun	1.00	1.00	1.00	0.98	0.22	28-Sep	1.00	1.00	1.00	0.73	0.02
1-Jan	0.97	0.61	0.09	0.00	0.00	27-Mar	1.00	1.00	0.88	0.05	0.00	30-Jun	1.00	1.00	1.00	0.98	0.25	3-Oct	1.00	1.00	1.00	0.62	0.01
6-Jan	0.95	0.56	0.09	0.00	0.00	1-Apr	1.00	1.00	0.89	0.06	0.00	5-Jul	1.00	1.00	1.00	0.99	0.27	8-Oct	1.00	1.00	1.00	0.52	0.00
11-Jan	0.95	0.57	0.10	0.00	0.00	6-Apr	1.00	1.00	0.90	0.07	0.00	10-Jul	1.00	1.00	1.00	0.99	0.31	13-Oct	1.00	1.00	1.00	0.41	0.00
16-Jan	0.95	0.59	0.11	0.00	0.00	11-Apr	1.00	1.00	0.91	0.07	0.00	15-Jul	1.00	1.00	1.00	0.99	0.37	18-Oct	1.00	1.00	0.99	0.32	0.00
21-Jan	0.96	0.63	0.13	0.00	0.00	16-Apr	1.00	1.00	0.93	0.10	0.00	20-Jul	1.00	1.00	1.00	0.99	0.44	23-Oct	1.00	1.00	0.98	0.24	0.00
26-Jan	0.97	0.67	0.16	0.00	0.00	21-Apr	1.00	1.00	0.96	0.15	0.00	25-Jul	1.00	1.00	1.00	1.00	0.49	28-Oct	1.00	1.00	0.97	0.16	0.00
31-Jan	0.98	0.72	0.21	0.00	0.00	26-Apr	1.00	1.00	0.98	0.22	0.00	30-Jul	1.00	1.00	1.00	1.00	0.53	2-Nov	1.00	1.00	0.93	0.09	0.00
5-Feb	0.98	0.76	0.24	0.00	0.00	1-May	1.00	1.00	0.99	0.31	0.00	4-Aug	1.00	1.00	1.00	1.00	0.54	7-Nov	1.00	0.99	0.86	0.05	0.00
10-Feb	0.99	0.79	0.28	0.00	0.00	6-May	1.00	1.00	0.99	0.41	0.00	9-Aug	1.00	1.00	1.00	1.00	0.51	12-Nov	1.00	0.98	0.75	0.02	0.00
15-Feb	0.99	0.83	0.33	0.00	0.00	11-May	1.00	1.00	1.00	0.51	0.00	14-Aug	1.00	1.00	1.00	1.00	0.44	17-Nov	1.00	0.95	0.61	0.01	0.00
20-Feb	1.00	0.88	0.40	0.00	0.00	16-May	1.00	1.00	1.00	0.60	0.01	19-Aug	1.00	1.00	1.00	0.99	0.35	22-Nov	1.00	0.91	0.47	0.00	0.00
25-Feb	1.00	0.91	0.48	0.00	0.00	21-May	1.00	1.00	1.00	0.68	0.01	24-Aug	1.00	1.00	1.00	0.98	0.26	27-Nov	0.99	0.85	0.36	0.00	0.00
2-Mar	1.00	0.95	0.58	0.00	0.00	26-May	1.00	1.00	1.00	0.76	0.02	29-Aug	1.00	1.00	1.00	0.97	0.19	2-Dec	0.99	0.81	0.30	0.00	0.00
7-Mar	1.00	0.97	0.69	0.01	0.00	31-May	1.00	1.00	1.00	0.83	0.04	3-Sep	1.00	1.00	1.00	0.95	0.14	7-Dec	0.99	0.78	0.26	0.00	0.00
12-Mar	1.00	0.99	0.78	0.02	0.00	5-Jun	1.00	1.00	1.00	0.89	0.06	8-Sep	1.00	1.00	1.00	0.94	0.10	12-Dec	0.98	0.76	0.25	0.00	0.00
17-Mar	1.00	0.99	0.84	0.03	0.00	10-Jun	1.00	1.00	1.00	0.93	0.10	13-Sep	1.00	1.00	1.00	0.91	0.07	17-Dec	0.98	0.75	0.24	0.00	0.00
22-Mar	1.00	0.99	0.87	0.04	0.00	15-Jun	1.00	1.00	1.00	0.96	0.14	18-Sep	1.00	1.00	1.00	0.87	0.04	22-Dec	0.98	0.73	0.22	0.00	0.00
						20-Jun	1.00	1.00	1.00	0.97	0.19	23-Sep	1.00	1.00	1.00	0.81	0.02	27-Dec	0.97	0.69	0.19	0.00	0.00

Tab 5 - Ortucchio site, maximum temperatures. Bayesian predictive distribution of pentadal averages .															
Winter season				Spring season				Summer season				Autumn season			
Pentadal time units (starting date)	Expected value	97.5 percentile	2.5 percentile	Pentadal time units (starting date)	Expected value	97.5 percentile	2.5 percentile	Pentadal time units (starting date)	Expected value	97.5 percentile	2.5 percentile	Pentadal time units (starting date)	Expected value	97.5 percentile	2.5 percentile
								25-Jun	27.7	20.6	34.8	28-Sep	21.7	14.7	28.7
				27-Mar	14.0	6.9	21.1	30-Jun	28.2	21.1	35.3	3-Oct	20.9	13.8	28.1
1-Jan	5.0	-1.1	11.1	1-Apr	14.5	7.3	21.7	5-Jul	28.8	21.6	35.9	8-Oct	20.0	12.9	27.1
6-Jan	5.0	-1.5	11.6	6-Apr	15.0	8.0	22.1	10-Jul	29.3	22.1	36.4	13-Oct	19.0	12.0	25.9
11-Jan	5.0	-1.7	11.9	11-Apr	15.4	8.3	22.5	15-Jul	29.7	22.6	36.8	18-Oct	18.0	10.8	25.1
16-Jan	5.4	-1.5	12.2	16-Apr	15.9	8.9	23.0	20-Jul	30.0	23.0	37.2	23-Oct	16.8	9.7	23.9
21-Jan	5.7	-1.2	12.5	21-Apr	16.6	9.5	23.6	25-Jul	30.2	23.1	37.4	28-Oct	15.6	8.6	22.7
26-Jan	5.9	-1.1	12.9	26-Apr	17.4	10.3	24.4	30-Jul	30.4	23.2	37.6	2-Nov	14.3	7.1	21.3
31-Jan	6.3	-0.7	13.3	1-May	18.3	11.4	25.3	4-Aug	30.3	23.2	37.3	7-Nov	13.1	6.2	20.2
5-Feb	6.6	-0.4	13.6	6-May	19.3	12.2	26.4	9-Aug	29.9	22.7	36.9	12-Nov	11.7	4.6	18.8
10-Feb	7.2	0.2	14.0	11-May	20.4	13.4	27.3	14-Aug	29.4	22.4	36.5	17-Nov	10.6	3.4	17.5
15-Feb	8.1	1.0	15.1	16-May	21.4	14.4	28.5	19-Aug	28.8	21.7	35.9	22-Nov	9.4	2.3	16.6
20-Feb	8.9	1.8	15.9	21-May	22.4	15.4	29.3	24-Aug	28.1	21.0	35.1	27-Nov	8.5	1.3	15.6
25-Feb	9.9	2.6	16.9	26-May	23.5	16.4	30.5	29-Aug	27.2	20.2	34.3	2-Dec	7.7	0.8	14.6
2-Mar	10.6	3.5	17.6	31-May	24.4	17.2	31.4	3-Sep	26.2	19.2	33.2	7-Dec	7.1	0.2	14.1
7-Mar	11.5	4.5	18.5	5-Jun	25.1	18.0	32.2	8-Sep	25.3	18.1	32.4	12-Dec	6.7	-0.5	13.7
12-Mar	12.2	5.2	19.3	10-Jun	25.9	18.8	33.0	13-Sep	24.3	17.4	31.5	17-Dec	6.4	-0.8	13.4
17-Mar	12.9	5.9	19.8	15-Jun	26.5	19.4	33.7	18-Sep	23.4	16.3	30.6	22-Dec	6.1	-1.1	13.1
22-Mar	13.5	6.4	20.6	20-Jun	27.2	20.0	34.1	23-Sep	22.5	15.5	29.4	27-Dec	5.9	-1.1	13.1

**Tab. 6 Ortuocchio site, maximum temperatures. Probability of exceeding some thermal thresholds of agricultural interest**

Winter season						Spring season						Summer season						Autumn season					
Pentadal time units (starting date)	Probability of tmax>0°C	Probability of tmax>5°C	Probability of tmax>10°C	Probability of tmax>20°C	Probability of tmax>30°C	Pentadal time units (starting date)	Probability of tmax>0°C	Probability of tmax>5°C	Probability of tmax>10°C	Probability of tmax>20°C	Probability of tmax>30°C	Pentadal time units (starting date)	Probability of tmax>0°C	Probability of tmax>5°C	Probability of tmax>10°C	Probability of tmax>20°C	Probability of tmax>30°C	Pentadal time units (starting date)	Probability of tmax>0°C	Probability of tmax>5°C	Probability of tmax>10°C	Probability of tmax>20°C	Probability of tmax>30°C
												25-Jun	1.00	1.00	1.00	0.98	0.27	28-Sep	1.00	1.00	1.00	0.68	0.01
						27-Mar	1.00	0.99	0.87	0.05	0.00	30-Jun	1.00	1.00	1.00	0.99	0.32	3-Oct	1.00	1.00	1.00	0.60	0.01
1-Jan	0.95	0.50	0.05	0.00	0.00	1-Apr	1.00	1.00	0.89	0.06	0.00	5-Jul	1.00	1.00	1.00	0.99	0.37	8-Oct	1.00	1.00	1.00	0.50	0.00
6-Jan	0.93	0.49	0.07	0.00	0.00	6-Apr	1.00	1.00	0.92	0.08	0.00	10-Jul	1.00	1.00	1.00	1.00	0.42	13-Oct	1.00	1.00	0.99	0.39	0.00
11-Jan	0.93	0.50	0.08	0.00	0.00	11-Apr	1.00	1.00	0.93	0.11	0.00	15-Jul	1.00	1.00	1.00	1.00	0.47	18-Oct	1.00	1.00	0.99	0.28	0.00
16-Jan	0.94	0.53	0.09	0.00	0.00	16-Apr	1.00	1.00	0.95	0.13	0.00	20-Jul	1.00	1.00	1.00	1.00	0.51	23-Oct	1.00	1.00	0.97	0.20	0.00
21-Jan	0.95	0.57	0.11	0.00	0.00	21-Apr	1.00	1.00	0.97	0.17	0.00	25-Jul	1.00	1.00	1.00	1.00	0.52	28-Oct	1.00	1.00	0.94	0.11	0.00
26-Jan	0.95	0.59	0.12	0.00	0.00	26-Apr	1.00	1.00	0.98	0.23	0.00	30-Jul	1.00	1.00	1.00	1.00	0.54	2-Nov	1.00	0.99	0.88	0.06	0.00
31-Jan	0.96	0.64	0.15	0.00	0.00	1-May	1.00	1.00	0.99	0.32	0.00	4-Aug	1.00	1.00	1.00	1.00	0.53	7-Nov	1.00	0.99	0.80	0.03	0.00
5-Feb	0.97	0.67	0.17	0.00	0.00	6-May	1.00	1.00	1.00	0.42	0.00	9-Aug	1.00	1.00	1.00	1.00	0.49	12-Nov	1.00	0.97	0.69	0.01	0.00
10-Feb	0.98	0.74	0.21	0.00	0.00	11-May	1.00	1.00	1.00	0.54	0.00	14-Aug	1.00	1.00	1.00	1.00	0.43	17-Nov	1.00	0.94	0.56	0.00	0.00
15-Feb	0.99	0.81	0.30	0.00	0.00	16-May	1.00	1.00	1.00	0.65	0.01	19-Aug	1.00	1.00	1.00	0.99	0.37	22-Nov	0.99	0.89	0.44	0.00	0.00
20-Feb	0.99	0.86	0.37	0.00	0.00	21-May	1.00	1.00	1.00	0.75	0.02	24-Aug	1.00	1.00	1.00	0.99	0.29	27-Nov	0.99	0.83	0.34	0.00	0.00
25-Feb	1.00	0.91	0.48	0.00	0.00	26-May	1.00	1.00	1.00	0.84	0.03	29-Aug	1.00	1.00	1.00	0.98	0.22	2-Dec	0.99	0.78	0.26	0.00	0.00
2-Mar	1.00	0.94	0.57	0.00	0.00	31-May	1.00	1.00	1.00	0.89	0.06	3-Sep	1.00	1.00	1.00	0.96	0.15	7-Dec	0.98	0.72	0.21	0.00	0.00
7-Mar	1.00	0.97	0.67	0.01	0.00	5-Jun	1.00	1.00	1.00	0.92	0.09	8-Sep	1.00	1.00	1.00	0.92	0.10	12-Dec	0.97	0.68	0.18	0.00	0.00
12-Mar	1.00	0.98	0.73	0.02	0.00	10-Jun	1.00	1.00	1.00	0.95	0.13	13-Sep	1.00	1.00	1.00	0.89	0.06	17-Dec	0.96	0.65	0.16	0.00	0.00
17-Mar	1.00	0.99	0.79	0.02	0.00	15-Jun	1.00	1.00	1.00	0.96	0.16	18-Sep	1.00	1.00	1.00	0.83	0.04	22-Dec	0.96	0.63	0.13	0.00	0.00
22-Mar	1.00	0.99	0.84	0.03	0.00	20-Jun	1.00	1.00	1.00	0.98	0.21	23-Sep	1.00	1.00	1.00	0.76	0.02	27-Dec	0.95	0.60	0.13	0.00	0.00

Tab 7 - San Benedetto dei Marsi site, maximum temperatures. Bayesian predictive distribution of pentadal averages .															
Winter season				Spring season				Summer season				Autumn season			
Pentadal time units (starting date)	Expected value	97.5 percentile	2.5 percentile	Pentadal time units (starting date)	Expected value	97.5 percentile	2.5 percentile	Pentadal time units (starting date)	Expected value	97.5 percentile	2.5 percentile	Pentadal time units (starting date)	Expected value	97.5 percentile	2.5 percentile
								25-Jun	26.7	19.4	33.9	28-Sep	20.8	13.7	27.9
				27-Mar	13.6	6.4	20.6	30-Jun	26.8	19.6	34.1	3-Oct	20.0	12.7	27.2
1-Jan	4.3	-1.8	10.3	1-Apr	14.2	7.2	21.2	5-Jul	27.1	19.8	34.3	8-Oct	19.3	12.1	26.6
6-Jan	4.6	-1.9	11.1	6-Apr	14.6	7.6	21.7	10-Jul	27.6	20.4	34.8	13-Oct	18.4	11.1	25.6
11-Jan	4.6	-2.0	11.4	11-Apr	15.0	8.0	22.2	15-Jul	28.3	21.2	35.4	18-Oct	17.0	9.8	24.2
16-Jan	4.6	-2.3	11.4	16-Apr	15.7	8.6	22.8	20-Jul	28.8	21.6	36.2	23-Oct	15.5	8.2	22.7
21-Jan	4.8	-2.2	11.6	21-Apr	16.7	9.7	23.8	25-Jul	29.1	21.9	36.4	28-Oct	14.1	6.9	21.1
26-Jan	5.2	-1.5	12.2	26-Apr	17.8	10.7	25.0	30-Jul	29.0	21.7	36.3	2-Nov	13.0	5.9	20.1
31-Jan	5.7	-1.2	12.6	1-May	18.6	11.2	26.0	4-Aug	28.8	21.8	36.0	7-Nov	12.0	4.9	19.1
5-Feb	6.0	-1.0	13.0	6-May	19.3	12.1	26.4	9-Aug	28.8	21.6	36.0	12-Nov	10.9	3.7	18.1
10-Feb	6.4	-0.5	13.4	11-May	20.1	12.8	27.2	14-Aug	28.8	21.5	36.1	17-Nov	9.6	2.3	16.7
15-Feb	6.9	0.1	13.9	16-May	21.2	14.0	28.2	19-Aug	28.3	21.1	35.4	22-Nov	8.4	1.1	15.6
20-Feb	7.7	0.6	14.7	21-May	22.3	15.1	29.4	24-Aug	27.5	20.5	34.6	27-Nov	7.6	0.3	14.8
25-Feb	8.9	1.8	15.9	26-May	23.3	15.9	30.4	29-Aug	26.4	19.1	33.7	2-Dec	7.2	0.0	14.5
2-Mar	9.9	2.8	16.9	31-May	23.9	16.7	31.1	3-Sep	25.5	18.2	32.7	7-Dec	7.0	-0.2	14.3
7-Mar	10.6	3.5	17.6	5-Jun	24.2	17.1	31.3	8-Sep	24.8	17.6	32.1	12-Dec	6.5	-0.8	13.7
12-Mar	11.2	4.1	18.3	10-Jun	24.7	17.6	31.9	13-Sep	24.1	17.0	31.2	17-Dec	6.0	-1.3	13.4
17-Mar	11.8	4.6	19.0	15-Jun	25.4	18.1	32.6	18-Sep	23.2	15.9	30.4	22-Dec	5.6	-1.5	13.0
22-Mar	12.7	5.6	19.9	20-Jun	26.2	18.9	33.2	23-Sep	22.0	15.0	29.2	27-Dec	5.7	-1.4	12.9

**Tab. 8 San Benedetto dei Marsi site, maximum temperatures. Probability of exceeding some thermal thresholds of agricultural interest**

Winter season						Spring season						Summer season						Autumn season					
Pentadal time units (starting date)	Probability of tmax>0°C	Probability of tmax>5°C	Probability of tmax>10°C	Probability of tmax>20°C	Probability of tmax>30°C	Pentadal time units (starting date)	Probability of tmax>0°C	Probability of tmax>5°C	Probability of tmax>10°C	Probability of tmax>20°C	Probability of tmax>30°C	Pentadal time units (starting date)	Probability of tmax>0°C	Probability of tmax>5°C	Probability of tmax>10°C	Probability of tmax>20°C	Probability of tmax>30°C	Pentadal time units (starting date)	Probability of tmax>0°C	Probability of tmax>5°C	Probability of tmax>10°C	Probability of tmax>20°C	Probability of tmax>30°C
												25-Jun	1.00	1.00	1.00	0.97	0.18	28-Sep	1.00	1.00	1.00	0.59	0.01
						27-Mar	1.00	0.99	0.84	0.04	0.00	30-Jun	1.00	1.00	1.00	0.97	0.19	3-Oct	1.00	1.00	1.00	0.50	0.00
1-Jan	0.92	0.41	0.03	0.00	0.00	1-Apr	1.00	0.99	0.88	0.06	0.00	5-Jul	1.00	1.00	1.00	0.97	0.22	8-Oct	1.00	1.00	0.99	0.42	0.00
6-Jan	0.92	0.45	0.05	0.00	0.00	6-Apr	1.00	1.00	0.90	0.07	0.00	10-Jul	1.00	1.00	1.00	0.98	0.26	13-Oct	1.00	1.00	0.99	0.33	0.00
11-Jan	0.91	0.46	0.06	0.00	0.00	11-Apr	1.00	1.00	0.92	0.08	0.00	15-Jul	1.00	1.00	1.00	0.99	0.32	18-Oct	1.00	1.00	0.97	0.21	0.00
16-Jan	0.91	0.46	0.06	0.00	0.00	16-Apr	1.00	1.00	0.94	0.12	0.00	20-Jul	1.00	1.00	1.00	0.99	0.37	23-Oct	1.00	1.00	0.93	0.11	0.00
21-Jan	0.91	0.48	0.07	0.00	0.00	21-Apr	1.00	1.00	0.97	0.18	0.00	25-Jul	1.00	1.00	1.00	0.99	0.40	28-Oct	1.00	0.99	0.87	0.05	0.00
26-Jan	0.93	0.52	0.09	0.00	0.00	26-Apr	1.00	1.00	0.98	0.27	0.00	30-Jul	1.00	1.00	1.00	0.99	0.39	2-Nov	1.00	0.99	0.80	0.03	0.00
31-Jan	0.95	0.58	0.11	0.00	0.00	1-May	1.00	1.00	0.99	0.35	0.00	4-Aug	1.00	1.00	1.00	0.99	0.37	7-Nov	1.00	0.97	0.71	0.01	0.00
5-Feb	0.95	0.62	0.13	0.00	0.00	6-May	1.00	1.00	0.99	0.42	0.00	9-Aug	1.00	1.00	1.00	0.99	0.36	12-Nov	1.00	0.94	0.60	0.01	0.00
10-Feb	0.97	0.65	0.15	0.00	0.00	11-May	1.00	1.00	1.00	0.51	0.00	14-Aug	1.00	1.00	1.00	0.99	0.37	17-Nov	1.00	0.89	0.47	0.00	0.00
15-Feb	0.98	0.69	0.19	0.00	0.00	16-May	1.00	1.00	1.00	0.63	0.01	19-Aug	1.00	1.00	1.00	0.99	0.33	22-Nov	0.99	0.82	0.33	0.00	0.00
20-Feb	0.98	0.78	0.26	0.00	0.00	21-May	1.00	1.00	1.00	0.74	0.02	24-Aug	1.00	1.00	1.00	0.98	0.23	27-Nov	0.98	0.77	0.26	0.00	0.00
25-Feb	0.99	0.86	0.38	0.00	0.00	26-May	1.00	1.00	1.00	0.81	0.03	29-Aug	1.00	1.00	1.00	0.96	0.17	2-Dec	0.97	0.72	0.22	0.00	0.00
2-Mar	1.00	0.92	0.49	0.00	0.00	31-May	1.00	1.00	1.00	0.85	0.05	3-Sep	1.00	1.00	1.00	0.93	0.11	7-Dec	0.97	0.70	0.21	0.00	0.00
7-Mar	1.00	0.94	0.57	0.00	0.00	5-Jun	1.00	1.00	1.00	0.88	0.06	8-Sep	1.00	1.00	1.00	0.90	0.08	12-Dec	0.96	0.66	0.17	0.00	0.00
12-Mar	1.00	0.95	0.62	0.01	0.00	10-Jun	1.00	1.00	1.00	0.91	0.08	13-Sep	1.00	1.00	1.00	0.87	0.05	17-Dec	0.95	0.61	0.14	0.00	0.00
17-Mar	1.00	0.97	0.69	0.01	0.00	15-Jun	1.00	1.00	1.00	0.93	0.10	18-Sep	1.00	1.00	1.00	0.80	0.03	22-Dec	0.94	0.56	0.12	0.00	0.00
22-Mar	1.00	0.98	0.77	0.02	0.00	20-Jun	1.00	1.00	1.00	0.95	0.15	23-Sep	1.00	1.00	1.00	0.71	0.02	27-Dec	0.94	0.58	0.12	0.00	0.00

**Tab 9 - Avezzano site - Minimum temperatures. Bayesian predictive distribution of pentadal averages .**

Winter season				Spring season				Summer season				Autumn season			
<i>Pentadal time units (starting date)</i>	<i>Expected value</i>	<i>97.5 percentile</i>	<i>2.5 percentile</i>	<i>Pentadal time units (starting date)</i>	<i>Expected value</i>	<i>97.5 percentile</i>	<i>2.5 percentile</i>	<i>Pentadal time units (starting date)</i>	<i>Expected value</i>	<i>97.5 percentile</i>	<i>2.5 percentile</i>	<i>Pentadal time units (starting date)</i>	<i>Expected value</i>	<i>97.5 percentile</i>	<i>2.5 percentile</i>
								25-Jun	<b>11.6</b>	5.9	17.2	28-Sep	<b>8.2</b>	2.4	14.0
				27-Mar	<b>1.6</b>	-3.9	7.2	30-Jun	<b>11.7</b>	6.0	17.4	3-Oct	<b>7.6</b>	1.9	13.3
1-Jan	<b>-2.9</b>	-7.3	1.5	1-Apr	<b>1.7</b>	-3.8	7.1	5-Jul	<b>12.1</b>	6.5	17.7	8-Oct	<b>6.9</b>	1.1	12.8
6-Jan	<b>-3.8</b>	-8.7	1.1	6-Apr	<b>2.5</b>	-3.0	8.0	10-Jul	<b>12.0</b>	6.5	17.7	13-Oct	<b>5.8</b>	0.1	11.6
11-Jan	<b>-3.7</b>	-8.7	1.3	11-Apr	<b>2.5</b>	-2.9	7.9	15-Jul	<b>12.7</b>	7.0	18.4	18-Oct	<b>5.8</b>	0.0	11.4
16-Jan	<b>-3.6</b>	-8.5	1.5	16-Apr	<b>3.4</b>	-2.1	8.9	20-Jul	<b>13.0</b>	7.1	18.8	23-Oct	<b>4.6</b>	-1.3	10.5
21-Jan	<b>-3.7</b>	-8.8	1.5	21-Apr	<b>3.9</b>	-1.6	9.4	25-Jul	<b>13.2</b>	7.4	18.9	28-Oct	<b>4.2</b>	-1.5	10.0
26-Jan	<b>-3.4</b>	-8.7	1.8	26-Apr	<b>4.7</b>	-0.8	10.3	30-Jul	<b>13.6</b>	7.9	19.5	2-Nov	<b>3.6</b>	-2.3	9.3
31-Jan	<b>-3.2</b>	-8.5	2.0	1-May	<b>5.8</b>	0.3	11.3	4-Aug	<b>13.4</b>	7.7	19.1	7-Nov	<b>2.2</b>	-3.6	8.0
5-Feb	<b>-3.1</b>	-8.4	2.1	6-May	<b>6.1</b>	0.5	11.6	9-Aug	<b>13.4</b>	7.7	19.0	12-Nov	<b>2.0</b>	-3.8	7.7
10-Feb	<b>-2.8</b>	-8.1	2.6	11-May	<b>7.1</b>	1.3	12.6	14-Aug	<b>13.0</b>	7.2	18.7	17-Nov	<b>0.4</b>	-5.3	6.1
15-Feb	<b>-2.1</b>	-7.4	3.2	16-May	<b>7.5</b>	2.0	13.2	19-Aug	<b>12.5</b>	6.8	18.1	22-Nov	<b>-0.1</b>	-5.8	5.7
20-Feb	<b>-3.1</b>	-8.4	2.3	21-May	<b>7.9</b>	2.2	13.6	24-Aug	<b>12.1</b>	6.4	17.8	27-Nov	<b>-0.6</b>	-6.3	5.1
25-Feb	<b>-1.9</b>	-7.3	3.4	26-May	<b>8.8</b>	3.2	14.4	29-Aug	<b>11.6</b>	5.8	17.3	2-Dec	<b>-1.5</b>	-7.3	4.2
2-Mar	<b>-1.6</b>	-7.0	3.8	31-May	<b>9.1</b>	3.6	14.7	3-Sep	<b>11.1</b>	5.4	17.0	7-Dec	<b>-1.1</b>	-7.0	4.7
7-Mar	<b>-0.8</b>	-6.2	4.5	5-Jun	<b>10.0</b>	4.3	15.8	8-Sep	<b>10.7</b>	5.0	16.5	12-Dec	<b>-1.9</b>	-7.8	3.8
12-Mar	<b>0.4</b>	-5.0	5.9	10-Jun	<b>10.5</b>	4.9	16.1	13-Sep	<b>10.3</b>	4.5	16.1	17-Dec	<b>-1.7</b>	-7.5	4.0
17-Mar	<b>0.3</b>	-5.1	5.7	15-Jun	<b>10.8</b>	5.2	16.5	18-Sep	<b>9.6</b>	3.9	15.4	22-Dec	<b>-2.1</b>	-7.8	3.8
22-Mar	<b>1.1</b>	-4.4	6.6	20-Jun	<b>11.5</b>	5.8	17.2	23-Sep	<b>9.2</b>	3.5	15.0	27-Dec	<b>-2.6</b>	-8.5	3.2

**Tab. 10 - Avezzano site, minimum temperatures. Probability of freeze and of exceeding some critical thresholds of agricultural interest.**

Winter season				Spring season				Summer season				Autumn season			
<i>Pentadal time units (starting date)</i>	<i>Probability of tmin&lt;0°C</i>	<i>Probability of tmin&gt;0°C</i>	<i>Probability of tmin&gt;5°C</i>	<i>Pentadal time units (starting date)</i>	<i>Probability of tmin&lt;0°C</i>	<i>Probability of tmin&gt;0°C</i>	<i>Probability of tmin&gt;5°C</i>	<i>Pentadal time units (starting date)</i>	<i>Probability of tmin&lt;0°C</i>	<i>Probability of tmin&gt;0°C</i>	<i>Probability of tmin&gt;5°C</i>	<i>Pentadal time units (starting date)</i>	<i>Probability of tmin&lt;0°C</i>	<i>Probability of tmin&gt;0°C</i>	<i>Probability of tmin&gt;5°C</i>
								25-Jun	0.00	1.00	0.99	28-Sep	0.00	1.00	0.86
				27-Mar	0.28	0.72	0.11	30-Jun	0.00	1.00	0.99	3-Oct	0.01	0.99	0.81
1-Jan	0.90	0.10	0.00	1-Apr	0.28	0.72	0.12	5-Jul	0.00	1.00	0.99	8-Oct	0.01	0.99	0.75
6-Jan	0.94	0.06	0.00	6-Apr	0.18	0.82	0.19	10-Jul	0.00	1.00	0.99	13-Oct	0.02	0.98	0.61
11-Jan	0.92	0.08	0.00	11-Apr	0.19	0.81	0.18	15-Jul	0.00	1.00	1.00	18-Oct	0.02	0.98	0.60
16-Jan	0.92	0.08	0.00	16-Apr	0.11	0.89	0.29	20-Jul	0.00	1.00	1.00	23-Oct	0.06	0.94	0.45
21-Jan	0.92	0.08	0.00	21-Apr	0.08	0.92	0.34	25-Jul	0.00	1.00	1.00	28-Oct	0.08	0.92	0.39
26-Jan	0.90	0.10	0.00	26-Apr	0.05	0.95	0.45	30-Jul	0.00	1.00	1.00	2-Nov	0.11	0.89	0.31
31-Jan	0.89	0.11	0.00	1-May	0.02	0.98	0.60	4-Aug	0.00	1.00	1.00	7-Nov	0.23	0.77	0.17
5-Feb	0.88	0.12	0.00	6-May	0.02	0.98	0.66	9-Aug	0.00	1.00	1.00	12-Nov	0.25	0.75	0.15
10-Feb	0.85	0.15	0.00	11-May	0.01	0.99	0.77	14-Aug	0.00	1.00	1.00	17-Nov	0.45	0.55	0.05
15-Feb	0.78	0.22	0.00	16-May	0.00	1.00	0.81	19-Aug	0.00	1.00	1.00	22-Nov	0.51	0.49	0.04
20-Feb	0.87	0.13	0.00	21-May	0.00	1.00	0.85	24-Aug	0.00	1.00	0.99	27-Nov	0.59	0.41	0.03
25-Feb	0.76	0.24	0.01	26-May	0.00	1.00	0.91	29-Aug	0.00	1.00	0.99	2-Dec	0.70	0.30	0.01
2-Mar	0.71	0.29	0.01	31-May	0.00	1.00	0.93	3-Sep	0.00	1.00	0.98	7-Dec	0.64	0.36	0.02
7-Mar	0.61	0.39	0.02	5-Jun	0.00	1.00	0.96	8-Sep	0.00	1.00	0.97	12-Dec	0.75	0.25	0.01
12-Mar	0.44	0.56	0.05	10-Jun	0.00	1.00	0.97	13-Sep	0.00	1.00	0.96	17-Dec	0.72	0.28	0.01
17-Mar	0.46	0.54	0.05	15-Jun	0.00	1.00	0.98	18-Sep	0.00	1.00	0.94	22-Dec	0.76	0.24	0.01
22-Mar	0.35	0.65	0.08	20-Jun	0.00	1.00	0.99	23-Sep	0.00	1.00	0.93	27-Dec	0.81	0.19	0.01



**Tab 11 - Ortucchio site, minimum temperatures. Bayesian predictive distribution of pentadal averages .**

Winter season				Spring season				Summer season				Autumn season			
<i>Pentadal time units (starting date)</i>	<i>Expected value</i>	<i>97.5 percentile</i>	<i>2.5 percentile</i>	<i>Pentadal time units (starting date)</i>	<i>Expected value</i>	<i>97.5 percentile</i>	<i>2.5 percentile</i>	<i>Pentadal time units (starting date)</i>	<i>Expected value</i>	<i>97.5 percentile</i>	<i>2.5 percentile</i>	<i>Pentadal time units (starting date)</i>	<i>Expected value</i>	<i>97.5 percentile</i>	<i>2.5 percentile</i>
								25-Jun	<b>10.1</b>	4.5	15.9	28-Sep	<b>6.5</b>	0.7	12.2
				27-Mar	<b>0.1</b>	-5.5	5.6	30-Jun	<b>10.6</b>	4.9	16.4	3-Oct	<b>6.0</b>	0.2	11.6
1-Jan	<b>-5.2</b>	-9.7	-0.6	1-Apr	<b>0.4</b>	-5.1	6.0	5-Jul	<b>10.7</b>	4.9	16.5	8-Oct	<b>5.6</b>	-0.1	11.3
6-Jan	<b>-5.0</b>	-10.0	0.1	6-Apr	<b>1.2</b>	-4.4	6.7	10-Jul	<b>11.0</b>	5.2	16.7	13-Oct	<b>4.8</b>	-1.1	10.5
11-Jan	<b>-4.6</b>	-9.7	0.5	11-Apr	<b>1.5</b>	-4.3	7.3	15-Jul	<b>11.2</b>	5.5	17.0	18-Oct	<b>4.4</b>	-1.4	10.1
16-Jan	<b>-4.9</b>	-10.1	0.2	16-Apr	<b>2.3</b>	-3.4	7.9	20-Jul	<b>11.2</b>	5.5	16.9	23-Oct	<b>3.6</b>	-2.2	9.2
21-Jan	<b>-4.9</b>	-10.1	0.3	21-Apr	<b>3.0</b>	-2.7	8.7	25-Jul	<b>11.6</b>	5.8	17.3	28-Oct	<b>3.0</b>	-2.8	8.7
26-Jan	<b>-5.0</b>	-10.3	0.2	26-Apr	<b>3.5</b>	-2.2	9.2	30-Jul	<b>11.3</b>	5.6	17.1	2-Nov	<b>2.2</b>	-3.5	8.0
31-Jan	<b>-5.0</b>	-10.2	0.3	1-May	<b>4.5</b>	-1.2	10.2	4-Aug	<b>11.5</b>	5.7	17.1	7-Nov	<b>1.3</b>	-4.5	7.0
5-Feb	<b>-4.9</b>	-10.2	0.4	6-May	<b>5.1</b>	-0.7	10.7	9-Aug	<b>11.3</b>	5.5	17.0	12-Nov	<b>0.8</b>	-5.0	6.5
10-Feb	<b>-4.8</b>	-10.2	0.4	11-May	<b>6.1</b>	0.5	11.7	14-Aug	<b>10.9</b>	5.2	16.7	17-Nov	<b>-0.2</b>	-6.0	5.5
15-Feb	<b>-4.2</b>	-9.6	1.2	16-May	<b>6.7</b>	1.0	12.5	19-Aug	<b>10.8</b>	5.0	16.5	22-Nov	<b>-0.6</b>	-6.4	5.2
20-Feb	<b>-3.9</b>	-9.3	1.4	21-May	<b>7.4</b>	1.6	13.1	24-Aug	<b>10.0</b>	4.2	15.8	27-Nov	<b>-1.3</b>	-7.2	4.4
25-Feb	<b>-3.4</b>	-8.9	2.1	26-May	<b>8.2</b>	2.4	14.0	29-Aug	<b>9.8</b>	4.1	15.6	2-Dec	<b>-1.8</b>	-7.6	4.1
2-Mar	<b>-2.7</b>	-8.1	2.8	31-May	<b>8.5</b>	2.8	14.1	3-Sep	<b>9.2</b>	3.4	14.9	7-Dec	<b>-2.0</b>	-7.7	3.9
7-Mar	<b>-2.4</b>	-7.8	3.2	5-Jun	<b>9.1</b>	3.4	14.9	8-Sep	<b>8.6</b>	2.9	14.5	12-Dec	<b>-2.6</b>	-8.2	3.3
12-Mar	<b>-1.5</b>	-7.0	4.0	10-Jun	<b>9.3</b>	3.6	15.1	13-Sep	<b>8.3</b>	2.5	14.0	17-Dec	<b>-2.6</b>	-8.3	3.2
17-Mar	<b>-1.1</b>	-6.8	4.3	15-Jun	<b>9.7</b>	4.0	15.4	18-Sep	<b>7.5</b>	1.7	13.2	22-Dec	<b>-3.0</b>	-8.8	2.7
22-Mar	<b>-0.6</b>	-6.1	5.0	20-Jun	<b>10.1</b>	4.4	15.9	23-Sep	<b>7.2</b>	1.5	13.0	27-Dec	<b>-3.3</b>	-9.2	2.6

**Tab. 12 - Ortuccio site, minimum temperatures. Probability of freeze and of exceeding some critical thresholds of agricultural interest.**

Winter season				Spring season				Summer season				Autumn season			
<i>Pentadal time units (starting date)</i>	<i>Probability of tmin&lt;0°C</i>	<i>Probability of tmin&gt;0°C</i>	<i>Probability of tmin&gt;5°C</i>	<i>Pentadal time units (starting date)</i>	<i>Probability of tmin&lt;0°C</i>	<i>Probability of tmin&gt;0°C</i>	<i>Probability of tmin&gt;5°C</i>	<i>Pentadal time units (starting date)</i>	<i>Probability of tmin&lt;0°C</i>	<i>Probability of tmin&gt;0°C</i>	<i>Probability of tmin&gt;5°C</i>	<i>Pentadal time units (starting date)</i>	<i>Probability of tmin&lt;0°C</i>	<i>Probability of tmin&gt;0°C</i>	<i>Probability of tmin&gt;5°C</i>
								25-Jun	0.00	1.00	0.96	28-Sep	0.01	0.99	0.70
				27-Mar	0.48	0.52	0.04	30-Jun	0.00	1.00	0.97	3-Oct	0.02	0.98	0.64
1-Jan	0.99	0.01	0.00	1-Apr	0.44	0.56	0.05	5-Jul	0.00	1.00	0.97	8-Oct	0.03	0.97	0.59
6-Jan	0.97	0.03	0.00	6-Apr	0.35	0.65	0.09	10-Jul	0.00	1.00	0.98	13-Oct	0.05	0.95	0.47
11-Jan	0.96	0.04	0.00	11-Apr	0.30	0.71	0.12	15-Jul	0.00	1.00	0.98	18-Oct	0.07	0.93	0.43
16-Jan	0.97	0.03	0.00	16-Apr	0.22	0.78	0.17	20-Jul	0.00	1.00	0.98	23-Oct	0.11	0.89	0.31
21-Jan	0.97	0.03	0.00	21-Apr	0.15	0.85	0.24	25-Jul	0.00	1.00	0.99	28-Oct	0.16	0.84	0.24
26-Jan	0.97	0.03	0.00	26-Apr	0.11	0.89	0.30	30-Jul	0.00	1.00	0.98	2-Nov	0.23	0.77	0.18
31-Jan	0.97	0.03	0.00	1-May	0.06	0.94	0.43	4-Aug	0.00	1.00	0.99	7-Nov	0.33	0.67	0.10
5-Feb	0.96	0.04	0.00	6-May	0.04	0.96	0.51	9-Aug	0.00	1.00	0.98	12-Nov	0.39	0.61	0.08
10-Feb	0.96	0.04	0.00	11-May	0.02	0.98	0.64	14-Aug	0.00	1.00	0.98	17-Nov	0.52	0.48	0.04
15-Feb	0.93	0.07	0.00	16-May	0.01	0.99	0.73	19-Aug	0.00	1.00	0.97	22-Nov	0.59	0.41	0.03
20-Feb	0.92	0.08	0.00	21-May	0.01	0.99	0.79	24-Aug	0.00	1.00	0.96	27-Nov	0.67	0.33	0.02
25-Feb	0.89	0.11	0.00	26-May	0.00	1.00	0.86	29-Aug	0.00	1.00	0.95	2-Dec	0.73	0.27	0.01
2-Mar	0.83	0.17	0.00	31-May	0.00	1.00	0.88	3-Sep	0.00	1.00	0.92	7-Dec	0.75	0.25	0.01
7-Mar	0.80	0.20	0.00	5-Jun	0.00	1.00	0.92	8-Sep	0.00	1.00	0.89	12-Dec	0.81	0.19	0.00
12-Mar	0.71	0.29	0.01	10-Jun	0.00	1.00	0.93	13-Sep	0.00	1.00	0.86	17-Dec	0.82	0.18	0.00
17-Mar	0.65	0.35	0.02	15-Jun	0.00	1.00	0.95	18-Sep	0.01	0.99	0.80	22-Dec	0.85	0.15	0.00
22-Mar	0.57	0.43	0.03	20-Jun	0.00	1.00	0.96	23-Sep	0.01	0.99	0.78	27-Dec	0.86	0.14	0.00

**Tab 13 - San Benedetto dei Marsi site, minimum temperatures. Bayesian predictive distribution of pentadal averages.**

Winter season				Spring season				Summer season				Autumn season			
<i>Pentadal time units (starting date)</i>	<i>Expected value</i>	<i>97.5 percentile</i>	<i>2.5 percentile</i>	<i>Pentadal time units (starting date)</i>	<i>Expected value</i>	<i>97.5 percentile</i>	<i>2.5 percentile</i>	<i>Pentadal time units (starting date)</i>	<i>Expected value</i>	<i>97.5 percentile</i>	<i>2.5 percentile</i>	<i>Pentadal time units (starting date)</i>	<i>Expected value</i>	<i>97.5 percentile</i>	<i>2.5 percentile</i>
								25-Jun	<b>10.3</b>	4.7	15.8	28-Sep	<b>6.9</b>	1.3	12.6
				27-Mar	<b>0.5</b>	-5.0	6.1	30-Jun	<b>10.9</b>	5.2	16.5	3-Oct	<b>6.3</b>	0.8	11.9
1-Jan	<b>-5.4</b>	-9.8	-0.9	1-Apr	<b>0.8</b>	-4.6	6.3	5-Jul	<b>11.0</b>	5.3	16.5	8-Oct	<b>5.8</b>	0.3	11.4
6-Jan	<b>-5.4</b>	-10.3	-0.5	6-Apr	<b>1.8</b>	-3.6	7.2	10-Jul	<b>11.2</b>	5.7	16.8	13-Oct	<b>4.8</b>	-0.8	10.5
11-Jan	<b>-4.9</b>	-9.8	0.1	11-Apr	<b>2.2</b>	-3.3	7.7	15-Jul	<b>11.5</b>	5.9	17.2	18-Oct	<b>4.4</b>	-1.2	10.0
16-Jan	<b>-5.2</b>	-10.2	-0.1	16-Apr	<b>2.8</b>	-2.6	8.4	20-Jul	<b>11.4</b>	5.8	17.1	23-Oct	<b>3.4</b>	-2.2	9.1
21-Jan	<b>-4.9</b>	-10.0	0.3	21-Apr	<b>3.5</b>	-1.9	9.0	25-Jul	<b>11.7</b>	6.1	17.4	28-Oct	<b>2.9</b>	-2.7	8.6
26-Jan	<b>-4.6</b>	-9.7	0.6	26-Apr	<b>3.9</b>	-1.5	9.5	30-Jul	<b>11.4</b>	5.8	17.1	2-Nov	<b>2.2</b>	-3.5	7.7
31-Jan	<b>-4.5</b>	-9.7	0.7	1-May	<b>4.9</b>	-0.7	10.4	4-Aug	<b>11.6</b>	6.0	17.2	7-Nov	<b>1.3</b>	-4.3	6.9
5-Feb	<b>-4.3</b>	-9.6	0.9	6-May	<b>5.2</b>	-0.3	10.5	9-Aug	<b>11.4</b>	5.9	17.1	12-Nov	<b>0.9</b>	-4.6	6.5
10-Feb	<b>-3.8</b>	-9.0	1.4	11-May	<b>6.0</b>	0.5	11.5	14-Aug	<b>11.1</b>	5.5	16.7	17-Nov	<b>0.0</b>	-5.6	5.6
15-Feb	<b>-3.5</b>	-8.8	1.9	16-May	<b>6.6</b>	1.0	12.0	19-Aug	<b>11.2</b>	5.7	16.7	22-Nov	<b>-0.4</b>	-6.0	5.3
20-Feb	<b>-3.2</b>	-8.5	2.1	21-May	<b>7.0</b>	1.5	12.5	24-Aug	<b>10.5</b>	4.9	16.2	27-Nov	<b>-1.0</b>	-6.8	4.6
25-Feb	<b>-2.7</b>	-8.1	2.8	26-May	<b>7.8</b>	2.2	13.4	29-Aug	<b>10.4</b>	4.8	16.0	2-Dec	<b>-1.6</b>	-7.2	3.9
2-Mar	<b>-2.2</b>	-7.7	3.1	31-May	<b>8.0</b>	2.6	13.6	3-Sep	<b>9.8</b>	4.3	15.4	7-Dec	<b>-1.9</b>	-7.4	3.7
7-Mar	<b>-1.9</b>	-7.2	3.5	5-Jun	<b>8.8</b>	3.3	14.4	8-Sep	<b>9.3</b>	3.7	14.9	12-Dec	<b>-2.6</b>	-8.3	3.0
12-Mar	<b>-1.2</b>	-6.6	4.4	10-Jun	<b>9.2</b>	3.6	14.8	13-Sep	<b>9.0</b>	3.4	14.6	17-Dec	<b>-2.6</b>	-8.3	2.9
17-Mar	<b>-0.7</b>	-6.1	4.7	15-Jun	<b>9.6</b>	4.1	15.2	18-Sep	<b>8.1</b>	2.5	13.9	22-Dec	<b>-3.1</b>	-8.7	2.5
22-Mar	<b>-0.2</b>	-5.7	5.3	20-Jun	<b>10.2</b>	4.6	15.7	23-Sep	<b>7.8</b>	2.2	13.4	27-Dec	<b>-3.3</b>	-9.0	2.3

**Tab. 14 - San Benedetto dei Marsi site, minimum temperatures. Probability of freeze and of exceeding some critical thresholds of agricultural interest.**

Winter season				Spring season				Summer season				Autumn season			
<i>Pentadal time units (starting date)</i>	<i>Probability of tmin&lt;0°C</i>	<i>Probability of tmin&gt;0°C</i>	<i>Probability of tmin&gt;5°C</i>	<i>Pentadal time units (starting date)</i>	<i>Probability of tmin&lt;0°C</i>	<i>Probability of tmin&gt;0°C</i>	<i>Probability of tmin&gt;5°C</i>	<i>Pentadal time units (starting date)</i>	<i>Probability of tmin&lt;0°C</i>	<i>Probability of tmin&gt;0°C</i>	<i>Probability of tmin&gt;5°C</i>	<i>Pentadal time units (starting date)</i>	<i>Probability of tmin&lt;0°C</i>	<i>Probability of tmin&gt;0°C</i>	<i>Probability of tmin&gt;5°C</i>
								25-Jun	0.00	1.00	0.97	28-Sep	0.01	0.99	0.76
				27-Mar	0.43	0.57	0.06	30-Jun	0.00	1.00	0.98	3-Oct	0.01	0.99	0.68
1-Jan	0.99	0.01	0.00	1-Apr	0.38	0.62	0.07	5-Jul	0.00	1.00	0.98	8-Oct	0.02	0.98	0.60
6-Jan	0.98	0.02	0.00	6-Apr	0.26	0.74	0.12	10-Jul	0.00	1.00	0.99	13-Oct	0.05	0.95	0.47
11-Jan	0.97	0.03	0.00	11-Apr	0.22	0.78	0.16	15-Jul	0.00	1.00	0.99	18-Oct	0.06	0.94	0.41
16-Jan	0.98	0.02	0.00	16-Apr	0.16	0.84	0.22	20-Jul	0.00	1.00	0.99	23-Oct	0.12	0.88	0.28
21-Jan	0.97	0.03	0.00	21-Apr	0.10	0.90	0.30	25-Jul	0.00	1.00	0.99	28-Oct	0.16	0.84	0.23
26-Jan	0.96	0.04	0.00	26-Apr	0.08	0.92	0.35	30-Jul	0.00	1.00	0.99	2-Nov	0.22	0.78	0.16
31-Jan	0.95	0.05	0.00	1-May	0.04	0.96	0.47	4-Aug	0.00	1.00	0.99	7-Nov	0.32	0.68	0.09
5-Feb	0.94	0.06	0.00	6-May	0.03	0.97	0.53	9-Aug	0.00	1.00	0.99	12-Nov	0.37	0.63	0.08
10-Feb	0.92	0.08	0.00	11-May	0.02	0.98	0.64	14-Aug	0.00	1.00	0.98	17-Nov	0.50	0.50	0.04
15-Feb	0.90	0.10	0.00	16-May	0.01	0.99	0.71	19-Aug	0.00	1.00	0.99	22-Nov	0.56	0.44	0.03
20-Feb	0.88	0.12	0.00	21-May	0.01	0.99	0.76	24-Aug	0.00	1.00	0.97	27-Nov	0.64	0.36	0.02
25-Feb	0.83	0.17	0.00	26-May	0.00	1.00	0.84	29-Aug	0.00	1.00	0.97	2-Dec	0.71	0.29	0.01
2-Mar	0.79	0.21	0.00	31-May	0.00	1.00	0.86	3-Sep	0.00	1.00	0.95	7-Dec	0.74	0.26	0.01
7-Mar	0.76	0.24	0.01	5-Jun	0.00	1.00	0.91	8-Sep	0.00	1.00	0.94	12-Dec	0.81	0.19	0.00
12-Mar	0.66	0.34	0.01	10-Jun	0.00	1.00	0.93	13-Sep	0.00	1.00	0.92	17-Dec	0.83	0.17	0.00
17-Mar	0.60	0.40	0.02	15-Jun	0.00	1.00	0.95	18-Sep	0.00	1.00	0.86	22-Dec	0.86	0.14	0.00
22-Mar	0.53	0.47	0.03	20-Jun	0.00	1.00	0.97	23-Sep	0.00	1.00	0.84	27-Dec	0.88	0.12	0.00

<b>Table 15- Avezzano site. Probability of rainfall (at least one rain event) and of exceeding some rainfall amount of agricultural interest in the different dekads of the year.</b>					
<i>Predictive distribution quantiles of rainfall amount /Unit</i>	<i>Q. 5%</i>	<i>Q. 25%</i>	<i>Q. 50%</i>	<i>Q. 75%</i>	<i>Q. 95%</i>
mm/ year	425.8	556.4	<b>646.3</b>	751.9	926.6
mm / Winter season	55.5	104.7	<b>153.8</b>	203.1	315.8
mm /Spring season	59.4	103.0	<b>146.4</b>	194.5	284.4
mm /Summer season	34.2	77.5	<b>113.2</b>	161.0	259.0
mm/Autumn season	86.1	133.7	<b>190.1</b>	244.3	341.3

**Table 16 - Quantiles (Q.) of the predictive distribution of annual and seasonal rainfall at Ortucchio site.**

<i>Predictive distribution quantiles of rainfall amount /Unit</i>	<i>Q.5%</i>	<i>Q.25%</i>	<i>Q.50%</i>	<i>Q.75%</i>	<i>Q.95%</i>
mm/ year	501.3	612.0	700.8	792.8	959.6
mm / Winter season	84.5	133.5	<b>180.8</b>	228.7	323.1
mm /Spring season	68.4	104.4	<b>133.9</b>	169.3	217.4
mm /Summer season	43.1	85.3	<b>117.4</b>	155.7	236.1
mm/Autumn season	109.1	166.4	<b>219.6</b>	279.3	392.3

**Table 17 - Quantiles (Q.) of the predictive distribution of annual and seasonal rainfall at San Benedetto dei Marsi site.**

<i>Predictive distribution quantiles of rainfall amount /Unit</i>	<i>Q.5%</i>	<i>Q.25%</i>	<i>Q.50%</i>	<i>Q.75%</i>	<i>Q.95%</i>
mm/ year	421.3	534.5	<b>623.2</b>	713.2	886.3
mm / Winter season	72.7	123.1	<b>167.0</b>	220.0	312.8
mm /Spring season	54.7	86.9	<b>116.6</b>	149.7	199.1
mm /Summer season	32.4	66.9	<b>98.9</b>	136.3	204.5
mm/Autumn season	84.0	145.2	195.8	260.4	350.0

**Table 18 - Quantiles (Q.) of the predictive distribution of monthly rainfall at Avezzano site.**

<i>Predictive distribution quantiles of rainfall amount</i>	<i>Q.5%</i>	<i>Q.25%</i>	<i>Q.50%</i>	<i>Q.75%</i>	<i>Q.95%</i>
January	4.7	21.1	<b>42.2</b>	74.5	131.2
February	4.4	22.9	<b>43.6</b>	75.6	144.3
March	5.2	22.8	<b>45.2</b>	74.4	143.4
April	7.7	25.1	<b>46.2</b>	76.4	135.4
May	7.0	23.6	<b>44.4</b>	72.9	135.7
June	4.0	19.1	<b>39.5</b>	63.8	121.1
July	1.3	13.0	<b>31.3</b>	56.1	103.2
August	0.1	9.7	<b>26.3</b>	54.3	103.2
September	2.5	17.1	<b>38.4</b>	66.7	124.7
October	6.4	27.2	<b>48.9</b>	80.7	140.4
November	11.0	33.6	<b>57.9</b>	91.4	152.0
December	10.8	35.9	<b>61.1</b>	95.6	156.7



**Table 19 - Quantiles (Q.) of the predictive distribution of monthly rainfall at Ortucchio site.**

<i>Predictive distribution quantiles of rainfall amount</i>	<i>Q.5%</i>	<i>Q.25%</i>	<i>Q.50%</i>	<i>Q.75%</i>	<i>Q.95%</i>
January	12.7	37.8	<b>60.1</b>	98.5	164.8
February	8.9	29.1	<b>52.9</b>	84.2	139.3
March	10.8	28.6	<b>48.9</b>	75.2	120.7
April	12.5	29.7	<b>46.1</b>	63.5	106.9
May	12.4	27.0	<b>41.8</b>	61.5	95.1
June	8.1	21.4	<b>36.9</b>	56.6	90.7
July	2.8	15.8	<b>31.6</b>	53.4	87.7
August	1.4	13.8	<b>29.1</b>	54.1	99.2
September	4.9	21.1	<b>40.4</b>	68.1	127.2
October	13.3	34.0	<b>58.9</b>	92.4	153.7
November	18.5	40.8	<b>67.3</b>	101.3	168.8
December	16.0	44.9	<b>74.3</b>	112.7	195.1

**Table 20 - Quantiles (Q.) of the predictive distribution of monthly rainfall at San Benedetto dei Marsi site.**

<i>Predictive distribution quantiles of rainfall amount</i>	<i>Q.5%</i>	<i>Q.25%</i>	<i>Q.50%</i>	<i>Q.75%</i>	<i>Q.95%</i>
January	7.5	28.3	<b>54.4</b>	89.7	158.7
February	7.8	27.9	<b>50.7</b>	80.2	136.7
March	8.8	26.9	<b>45.0</b>	73.1	122.4
April	9.6	25.1	<b>41.3</b>	61.5	102.3
May	8.4	21.1	<b>34.7</b>	54.3	87.8
June	4.1	16.1	<b>29.4</b>	46.6	79.5
July	0.7	10.5	<b>24.3</b>	44.2	80.9
August	0.0	10.5	<b>24.3</b>	44.6	87.3
September	1.0	15.1	<b>35.3</b>	62.9	113.5
October	6.6	27.8	<b>48.2</b>	79.8	135.8
November	11.9	36.2	<b>62.9</b>	97.6	164.3
December	11.8	37.0	<b>64.6</b>	104.9	174.5

**Table 21- Avezzano site. Probability of rainfall (at least one rain event) and of exceeding some rainfall amount of agricultural interest in the different dekads of the year.**

<i>Dekads</i>	<i>Probability of rainfall&gt;0</i>	<i>Probability of rainfall&gt;10</i>	<i>Probability of rainfall&gt;20</i>	<i>Probability of rainfall&gt;40</i>
1	0.82	0.48	0.25	0.10
2	0.81	0.52	0.35	0.16
3	0.77	0.52	0.34	0.17
4	0.80	0.48	0.33	0.13
5	0.77	0.49	0.30	0.13
6	0.78	0.49	0.31	0.14
7	0.82	0.47	0.31	0.16
8	0.83	0.49	0.33	0.14
9	0.88	0.49	0.31	0.14
10	0.91	0.52	0.31	0.13
11	0.89	0.51	0.32	0.13
12	0.91	0.50	0.31	0.14
13	0.91	0.50	0.32	0.13
14	0.91	0.49	0.35	0.11
15	0.90	0.49	0.31	0.11
16	0.88	0.48	0.27	0.11
17	0.87	0.42	0.25	0.11
18	0.81	0.43	0.27	0.10
19	0.79	0.41	0.23	0.09
20	0.75	0.40	0.25	0.10
21	0.70	0.38	0.23	0.09
22	0.68	0.38	0.20	0.09
23	0.65	0.37	0.21	0.09
24	0.68	0.42	0.25	0.09
25	0.76	0.42	0.25	0.08
26	0.78	0.44	0.27	0.11
27	0.83	0.48	0.30	0.13
28	0.86	0.52	0.38	0.13
29	0.87	0.56	0.35	0.15
30	0.89	0.59	0.39	0.16
31	0.91	0.61	0.38	0.19
32	0.90	0.59	0.42	0.18
33	0.92	0.59	0.41	0.18
34	0.91	0.63	0.41	0.19
35	0.89	0.59	0.39	0.20
36	0.89	0.57	0.41	0.17

**Table 22 - Ortucchio site. Probability of rainfall (at least one rain event) and of exceeding some rainfall amount of agricultural interest in the different dekads of the year.**

<i>Dekads</i>	<i>Probability of rainfall&gt;0</i>	<i>Probability of rainfall&gt;10</i>	<i>Probability of rainfall&gt;20</i>	<i>Probability of rainfall&gt;40</i>
1	0.89	0.62	0.41	0.24
2	0.89	0.58	0.42	0.21
3	0.86	0.61	0.39	0.20
4	0.83	0.58	0.38	0.18
5	0.85	0.54	0.37	0.17
6	0.87	0.54	0.37	0.16
7	0.86	0.56	0.33	0.17
8	0.89	0.56	0.37	0.13
9	0.88	0.60	0.34	0.12
10	0.92	0.56	0.35	0.11
11	0.93	0.60	0.33	0.10
12	0.92	0.56	0.30	0.09
13	0.93	0.58	0.31	0.07
14	0.92	0.54	0.30	0.07
15	0.91	0.55	0.26	0.06
16	0.89	0.52	0.28	0.06
17	0.86	0.51	0.25	0.07
18	0.82	0.48	0.26	0.08
19	0.77	0.40	0.24	0.07
20	0.72	0.41	0.20	0.07
21	0.71	0.38	0.24	0.07
22	0.68	0.38	0.19	0.08
23	0.68	0.39	0.24	0.10
24	0.69	0.38	0.26	0.09
25	0.74	0.43	0.29	0.11
26	0.80	0.46	0.32	0.12
27	0.83	0.56	0.33	0.15
28	0.89	0.53	0.35	0.17
29	0.90	0.58	0.39	0.16
30	0.91	0.64	0.41	0.20
31	0.95	0.64	0.44	0.23
32	0.94	0.68	0.50	0.24
33	0.95	0.69	0.46	0.23
34	0.95	0.67	0.48	0.24
35	0.94	0.69	0.45	0.24
36	0.92	0.63	0.47	0.23

**Table 23 - San Benedetto dei Marsi site. Probability of rainfall (at least one rain event) and of exceeding some rainfall amount of agricultural interest, in the different dekads of the year.**

<i>Dekads</i>	<i>Probability of rainfall&gt;0</i>	<i>Probability of rainfall&gt;10</i>	<i>Probability of rainfall&gt;20</i>	<i>Probability of rainfall&gt;40</i>
1	0.87	0.50	0.35	0.17
2	0.85	0.57	0.41	0.19
3	0.85	0.57	0.41	0.17
4	0.85	0.54	0.40	0.16
5	0.85	0.56	0.37	0.16
6	0.85	0.54	0.36	0.13
7	0.88	0.54	0.34	0.14
8	0.89	0.55	0.32	0.11
9	0.90	0.54	0.31	0.10
10	0.92	0.55	0.30	0.09
11	0.91	0.52	0.28	0.07
12	0.91	0.51	0.25	0.06
13	0.92	0.49	0.24	0.05
14	0.91	0.46	0.22	0.05
15	0.87	0.47	0.20	0.07
16	0.86	0.43	0.20	0.04
17	0.85	0.39	0.19	0.04
18	0.78	0.39	0.21	0.04
19	0.73	0.39	0.16	0.06
20	0.73	0.37	0.19	0.04
21	0.69	0.34	0.18	0.06
22	0.68	0.37	0.18	0.06
23	0.67	0.35	0.19	0.04
24	0.68	0.37	0.21	0.08
25	0.68	0.38	0.24	0.08
26	0.73	0.44	0.31	0.09
27	0.78	0.51	0.32	0.13
28	0.80	0.52	0.33	0.14
29	0.81	0.57	0.39	0.17
30	0.86	0.62	0.39	0.18
31	0.88	0.63	0.41	0.21
32	0.89	0.60	0.46	0.20
33	0.89	0.65	0.43	0.22
34	0.91	0.61	0.46	0.21
35	0.90	0.62	0.44	0.26
36	0.88	0.61	0.43	0.23