

Supplementary Materials: Extreme Temperature Events in Serbia in Relation to Atmospheric Circulation

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Table S1. Seasonal trend coefficients of Tn for 11 stations (listed in Table 1) in Serbia from 1949 to 2018.

Abb	Spring	Summer	Autumn	Winter
ZR	0.0442	0.0170	0.0205	0.0309
NS	0.0315	0.0124	0.0112	0.0415
SM	0.0086	−0.0024	0.0107	−0.0156
BG	0.0470	0.0267	0.0194	0.0287
VG	0.0074	−0.0127	0.0003	0.0077
LO	0.0343	0.0292	0.0317	0.0540
SP	0.0346	0.0179	0.0110	0.0168
NE	0.0758	0.0266	0.0178	0.0255
KG	0.0425	0.0227	−0.0084	−0.0032
KV	0.0318	0.0225	0.0068	0.0321
NI	0.0308	0.0224	0.0073	0.0075

¹ Coefficients being significant at the 5 % level are indicated by bold.

Table S2. Seasonal trend coefficients of Tx for 11 stations (listed in Table 1) in Serbia from 1949 to 2018.

Abb	Spring	Summer	Autumn	Winter
ZR	0.0142	0.0253	0.0117	0.0386
NS	−0.0125	−0.0068	−0.0127	0.0273
SM	0.0201	0.0227	0.0154	0.0203
BG	0.0226	0.0336	0.0173	0.0370
VG	0.0105	0.0321	0.0083	0.0367
LO	0.0271	0.0235	0.0263	0.0426
SP	0.0153	0.0450	0.0201	0.0468
NE	0.0135	0.0220	0.0010	0.0462
KG	0.0149	0.0336	0.0162	0.0446
KV	0.0043	0.0282	0.0037	0.0262
NI	0.0115	0.0221	0.0051	0.0316

¹ Coefficients being significant at the 5 % level are indicated by bold.

Table S3. 1. Absolute and average number (avg) of SU (days) for 11 stations in spring in Serbia from 1949 to 2018.

	BG	KG	KV	NE	LO	NI	NS	SP	SM	VG	ZR	avg
1949	14	14	13	16	15	23	16	17	16	23	16	16.64
1950	15	18	17	20	18	18	14	16	15	20	16	17.00
1951	8	11	9	13	10	17	10	13	14	13	9	11.55
1952	24	22	24	17	29	29	25	27	29	27	24	25.18
1953	8	8	9	6	8	6	9	7	9	7	9	7.82
1954	4	5	3	9	3	4	7	4	4	6	5	4.91
1955	10	12	12	17	11	14	13	11	10	10	9	11.73
1956	9	5	10	8	11	10	10	9	12	6	8	8.91
1957	4	6	5	9	3	8	5	5	5	4	4	5.27
1958	18	16	16	20	16	16	19	15	17	19	22	17.64
1959	3	3	4	6	6	7	4	5	4	5	7	4.91
1960	5	5	6	8	5	6	5	5	5	4	6	5.45
1961	10	13	15	12	12	15	10	10	11	11	25	13.09
1962	23	18	18	19	20	21	20	18	19	19	24	19.91
1963	10	7	4	12	8	10	11	9	10	11	17	9.91
1964	3	1	1	4	2	4	3	3	3	4	6	3.09
1965	6	4	7	8	5	10	4	5	4	6	5	5.82
1966	9	7	9	11	9	9	7	8	8	8	10	8.64
1967	10	5	7	8	8	11	9	8	10	6	4	7.82
1968	22	25	25	25	27	29	21	27	23	24	20	24.36
1969	26	20	24	19	22	23	24	22	24	21	20	22.27
1970	7	8	9	10	7	13	6	7	7	7	2	7.55
1971	18	15	17	21	16	24	18	17	18	19	16	18.09
1972	12	13	13	14	11	15	11	11	12	12	13	12.45
1973	16	13	13	14	16	14	17	14	17	16	15	15.00
1974	7	5	4	6	10	6	7	4	8	5	2	5.82
1975	16	12	14	15	15	16	17	11	16	14	13	14.45
1976	11	9	11	10	12	15	12	7	15	8	6	10.55
1977	14	14	17	14	17	20	15	15	16	13	11	15.09
1978	2	2	2	2	5	3	1	2	1	0	0	1.82
1979	13	14	13	14	14	15	14	14	14	14	13	13.82
1980	2	1	0	1	2	2	1	1	2	0	2	1.27
1981	7	5	5	6	9	7	6	4	6	6	6	6.09
1982	15	16	14	11	17	15	13	15	14	17	12	14.45
1983	22	24	25	25	27	28	21	22	23	22	24	23.91
1984	6	7	9	8	9	13	5	8	6	7	5	7.55
1985	17	20	22	26	19	26	15	17	18	19	12	19.18
1986	22	24	24	17	31	27	22	23	28	25	26	24.45
1987	2	2	9	2	6	7	1	1	3	3	4	3.64
1988	12	9	7	9	9	11	10	10	10	10	9	9.64
1989	12	11	10	9	11	14	10	10	13	7	9	10.55
1990	16	11	9	14	12	9	14	12	14	13	12	12.36
1991	3	3	2	1	3	3	3	3	3	1	2	2.45
1992	15	7	6	13	14	9	15	12	11	15	17	12.18
1993	20	13	12	15	21	15	20	17	18	19	18	17.09
1994	17	17	14	18	18	20	11	19	16	15	13	16.18
1995	17	14	13	13	15	12	14	13	18	13	13	14.09
1996	17	15	16	20	13	20	11	16	19	18	12	16.09

1997	17	17	17	18	17	18	15	17	17	17	15	16.82
1998	11	9	8	11	9	9	9	9	12	11	10	9.82
1999	11	9	12	13	13	16	8	12	12	12	7	11.36
2000	30	31	24	25	24	27	28	27	27	29	29	27.36
2001	17	15	15	11	18	20	17	15	17	13	15	15.73
2002	21	15	11	23	13	16	15	16	16	20	21	17.00
2003	26	23	23	24	25	24	24	24	25	25	24	24.27
2004	6	7	3	7	6	13	3	3	6	5	4	5.73
2005	13	12	11	13	14	14	12	12	13	10	11	12.27
2006	12	15	10	13	15	17	7	12	16	12	9	12.55
2007	16	15	13	19	16	20	16	15	17	13	16	16.00
2008	17	16	16	14	15	19	15	15	16	15	17	15.91
2009	21	18	19	20	22	19	21	21	22	23	20	20.55
2010	13	13	12	13	16	15	12	12	14	13	13	13.27
2011	15	12	11	14	14	13	0	14	14	17	16	12.73
2012	19	16	15	25	19	17	0	18	17	19	18	16.64
2013	22	22	22	26	20	24	5	24	22	22	21	20.91
2014	11	9	10	11	10	11	0	10	9	11	9	9.18
2015	15	14	12	22	14	20	14	18	16	17	15	16.09
2016	18	17	15	18	18	18	18	18	19	17	17	17.55
2017	13	13	10	10	13	15	12	16	12	15	18	13.36
2018	34	33	35	36	33	41	37	36	34	33	35	35.18
avg	13.67	12.57	12.46	14.01	13.87	15.36	12.06	13.04	13.87	13.44	13.04	

Table S3. 2. Absolute and average number (avg) of SU (days) for 11 stations in summer in Serbia from 1949 to 2018.

	BG	KG	KV	NE	LO	NI	NS	SP	SM	VG	ZR	avg
1949	48	47	46	55	45	52	52	50	52	51	48	49.64
1950	84	85	85	84	81	88	83	85	84	85	86	84.55
1951	59	61	65	75	60	83	64	64	70	64	70	66.82
1952	77	77	77	82	75	83	78	78	81	76	80	78.55
1953	72	72	71	79	62	74	68	73	70	78	70	71.73
1954	63	68	73	80	64	74	69	67	67	70	65	69.09
1955	50	43	44	65	48	56	56	48	54	58	53	52.27
1956	62	64	65	72	60	65	65	63	67	64	63	64.55
1957	60	61	58	71	56	62	69	62	66	63	67	63.18
1958	69	68	72	80	64	74	68	71	65	69	67	69.73
1959	57	52	52	72	53	62	60	56	54	59	60	57.91
1960	64	58	59	73	60	63	66	60	60	63	65	62.82
1961	68	62	66	80	63	72	68	65	66	69	75	68.55
1962	61	61	65	71	60	70	61	62	62	66	64	63.91
1963	74	77	73	83	72	79	74	75	74	76	78	75.91
1964	74	72	70	77	63	72	67	70	70	73	70	70.73
1965	60	62	62	65	61	65	55	59	58	60	61	60.73
1966	59	57	64	64	56	68	57	65	62	57	59	60.73
1967	66	66	64	73	62	69	67	67	66	74	70	67.64
1968	59	53	57	66	56	65	60	56	64	57	55	58.91
1969	52	53	54	59	51	62	53	51	53	55	53	54.18
1970	61	56	60	69	61	68	61	59	61	58	59	61.18
1971	68	62	68	76	67	73	70	65	74	66	65	68.55
1972	57	59	68	74	61	71	62	65	67	64	60	64.36

1973	69	64	66	68	63	67	62	63	62	66	63	64.82
1974	56	55	55	64	57	61	54	53	58	56	52	56.45
1975	55	54	50	66	63	59	61	55	61	59	60	58.45
1976	47	44	48	50	54	47	46	44	54	41	47	47.45
1977	66	68	64	69	65	66	65	67	63	63	66	65.64
1978	54	56	58	65	60	59	55	57	56	58	51	57.18
1979	51	50	51	55	60	57	52	48	52	50	52	52.55
1980	53	51	58	59	55	60	48	51	50	57	50	53.82
1981	56	53	54	65	59	61	54	57	55	58	56	57.09
1982	61	64	70	70	72	74	64	63	62	64	60	65.82
1983	67	65	65	75	66	66	65	69	64	70	67	67.18
1984	45	47	49	62	51	59	46	46	46	55	53	50.82
1985	55	54	59	64	55	62	55	56	53	57	55	56.82
1986	57	53	49	61	58	55	57	55	54	58	58	55.91
1987	69	64	68	77	70	70	63	66	67	66	61	67.36
1988	71	69	73	82	70	75	69	73	70	73	72	72.45
1989	54	50	52	60	53	59	51	53	50	53	54	53.55
1990	70	66	71	76	64	75	69	70	67	70	68	69.64
1991	63	57	55	74	61	61	60	60	60	63	63	61.55
1992	78	69	68	76	75	78	76	72	77	73	76	74.36
1993	69	71	73	78	66	76	68	68	67	71	68	70.45
1994	75	72	73	79	73	73	71	71	75	71	74	73.36
1995	74	73	69	80	64	79	71	71	72	76	70	72.64
1996	65	72	73	81	61	80	57	73	60	73	58	68.45
1997	65	70	64	72	64	72	63	66	68	69	62	66.82
1998	71	69	74	77	72	81	63	71	68	71	66	71.18
1999	65	64	64	81	64	76	64	65	71	76	60	68.18
2000	74	76	75	83	75	76	75	77	78	79	75	76.64
2001	64	66	66	73	64	74	64	66	63	69	64	66.64
2002	76	72	69	76	71	73	76	73	77	77	79	74.45
2003	84	83	84	88	86	87	87	83	85	86	88	85.55
2004	59	63	59	73	63	68	65	63	67	71	66	65.18
2005	65	63	58	65	58	69	55	60	62	62	60	61.55
2006	65	65	64	69	62	71	58	66	61	64	63	64.36
2007	79	80	82	86	78	87	80	82	80	83	82	81.73
2008	75	74	71	80	67	83	76	81	73	80	76	76.00
2009	73	72	72	79	73	79	73	74	75	77	76	74.82
2010	71	71	70	77	68	73	70	73	71	71	73	71.64
2011	72	73	73	84	75	78	36	76	75	79	69	71.82
2012	88	86	87	90	84	91	61	88	85	88	83	84.64
2013	72	69	70	80	69	73	34	71	73	74	73	68.91
2014	67	68	64	77	63	73	16	71	65	76	67	64.27
2015	79	75	77	83	77	78	77	81	77	81	76	78.27
2016	76	71	72	80	73	75	74	75	73	72	76	74.27
2017	85	79	79	87	81	81	85	85	82	86	86	83.27
2018	76	70	71	86	73	78	73	75	74	76	79	75.55
avg	65.79	64.51	65.34	73.53	64.51	70.64	63.10	65.99	66.07	67.76	65.94	

Table S3. 3. Absolute and average number (avg) of SU (days) for 11 stations in autumn in Serbia from 1949 to 2018.

	BG	KG	KV	NE	LO	NI	NS	SP	SM	VG	ZR	avg
1949	10	13	10	8	11	18	16	12	16	14	9	12.45
1950	17	18	17	22	21	25	13	17	17	20	15	18.36
1951	19	18	18	15	19	25	18	21	18	18	20	19.00
1952	13	17	17	18	15	23	10	16	16	18	12	15.91
1953	23	25	23	23	23	24	26	23	25	21	25	23.73
1954	21	20	20	23	22	22	22	21	22	20	21	21.27
1955	13	13	12	13	11	14	13	13	12	11	12	12.45
1956	19	19	21	22	19	22	21	20	23	19	20	20.45
1957	13	12	9	16	12	15	12	13	12	13	14	12.82
1958	17	19	13	14	20	20	16	16	19	14	20	17.09
1959	7	7	7	8	7	7	6	8	6	5	7	6.82
1960	14	12	16	7	16	19	14	10	10	5	11	12.18
1961	21	21	22	20	20	25	23	22	21	22	9	20.55
1962	12	14	13	16	14	19	13	11	12	13	18	14.09
1963	22	20	21	17	25	22	23	20	22	18	26	21.45
1964	8	11	12	7	11	14	9	9	9	8	11	9.91
1965	22	25	27	24	16	28	21	25	19	25	25	23.36
1966	26	22	25	18	27	29	23	21	27	22	27	24.27
1967	22	26	28	25	23	34	25	25	27	23	21	25.36
1968	8	7	8	11	12	16	6	7	6	11	6	8.91
1969	11	8	8	10	11	17	10	10	10	9	9	10.27
1970	12	11	13	16	16	14	13	10	14	8	9	12.36
1971	1	1	3	8	4	10	3	1	3	3	4	3.73
1972	5	4	2	7	5	6	3	6	6	3	4	4.64
1973	15	19	16	18	17	19	14	17	13	19	16	16.64
1974	16	16	15	18	16	20	14	16	14	15	14	15.82
1975	20	20	20	25	23	25	22	21	23	20	20	21.73
1976	18	17	11	9	18	19	15	10	16	9	10	13.82
1977	13	14	11	12	16	13	13	12	13	10	11	12.55
1978	8	10	9	9	7	11	8	7	6	7	8	8.18
1979	19	20	20	18	23	20	20	21	18	18	21	19.82
1980	9	11	16	9	14	17	8	8	8	4	8	10.18
1981	17	19	19	13	20	21	13	16	14	13	12	16.09
1982	25	28	30	27	27	29	28	28	29	26	27	27.64
1983	13	16	15	18	19	16	14	13	15	13	13	15.00
1984	20	23	19	26	21	27	18	19	19	23	19	21.27
1985	17	18	18	18	19	21	19	18	19	15	20	18.36
1986	15	15	19	21	18	20	14	15	14	19	15	16.82
1987	25	25	26	27	29	30	25	24	26	24	25	26.00
1988	14	14	14	13	16	18	15	14	17	13	14	14.73
1989	7	5	6	10	7	8	9	6	9	5	5	7.00
1990	13	15	13	13	14	23	10	14	9	9	9	12.91
1991	20	20	14	19	23	26	16	22	16	15	15	18.73
1992	17	18	19	19	22	24	16	17	16	13	16	17.91
1993	21	23	22	19	20	24	16	21	17	19	17	19.91
1994	27	27	28	29	27	32	27	28	27	28	26	27.82
1995	12	11	9	11	11	14	7	10	8	7	6	9.64
1996	1	2	1	2	3	3	0	1	1	0	0	1.27

1997	14	14	14	14	16	15	14	16	15	10	15	14.27
1998	9	8	7	3	14	11	5	8	7	4	4	7.27
1999	25	20	21	23	24	27	25	21	27	22	23	23.45
2000	14	11	12	12	20	19	18	14	15	12	13	14.55
2001	12	14	10	16	17	22	11	15	12	9	12	13.64
2002	14	19	13	15	19	18	15	15	15	13	14	15.45
2003	15	13	15	12	17	19	12	15	15	14	12	14.45
2004	14	20	10	15	13	23	12	15	13	15	13	14.82
2005	15	11	9	11	12	18	14	13	16	11	15	13.18
2006	20	20	16	19	19	28	22	20	21	16	22	20.27
2007	6	14	10	10	7	14	6	14	6	13	7	9.73
2008	15	15	13	14	19	23	12	16	14	14	13	15.27
2009	29	27	27	24	28	29	29	29	28	24	30	27.64
2010	9	14	13	18	7	19	4	10	6	7	7	10.36
2011	32	29	30	34	32	33	12	31	32	35	33	30.27
2012	28	31	32	31	31	37	15	31	29	28	25	28.91
2013	16	22	16	18	25	23	1	23	18	14	11	17.00
2014	16	11	10	11	13	18	0	15	13	12	12	11.91
2015	15	16	16	14	14	16	15	15	14	16	14	15.00
2016	19	17	18	23	20	20	20	21	19	20	19	19.64
2017	18	19	17	21	17	21	13	21	13	16	13	17.18
2018	30	28	21	23	26	33	27	26	28	26	28	26.91
avg	16.04	16.60	15.79	16.46	17.43	20.49	14.60	16.27	15.93	14.83	15.10	

Table S4. 1. Absolute and average number (avg) of Tx90 (days) for 11 stations in spring in Serbia from 1949 to 2018.

	BG	KG	KV	NE	LO	NI	NS	SP	SM	VG	ZR	avg
1949	6	5	5	2	7	13	11	8	9	5	10	7.36
1950	11	16	14	15	13	17	12	14	13	16	12	13.91
1951	8	9	8	7	8	12	7	8	7	8	7	8.09
1952	18	22	19	17	20	21	23	23	22	23	19	20.64
1953	6	4	3	4	4	1	9	5	7	9	7	5.36
1954	0	1	0	0	0	0	0	0	0	0	0	0.09
1955	4	5	6	8	6	4	7	4	3	6	5	5.27
1956	4	3	3	3	4	3	5	3	3	4	3	3.45
1957	11	11	9	8	8	9	13	10	14	10	13	10.55
1958	11	11	11	16	10	9	14	10	9	12	12	11.36
1959	4	4	6	7	7	4	5	3	4	5	9	5.27
1960	3	3	3	6	5	2	7	3	5	2	11	4.55
1961	12	13	18	24	12	11	14	13	12	14	24	15.18
1962	6	6	7	7	7	9	12	5	7	4	14	7.64
1963	2	1	1	0	2	1	3	2	3	0	4	1.73
1964	2	5	4	2	2	1	2	6	4	2	5	3.18
1965	3	1	2	2	1	3	2	2	2	3	3	2.18
1966	6	5	6	9	5	4	3	5	2	6	8	5.36
1967	9	5	6	4	6	6	8	9	6	5	6	6.36
1968	17	18	19	20	17	21	17	18	13	18	14	17.45
1969	11	6	14	9	13	8	13	10	11	10	8	10.27
1970	4	6	10	10	6	7	4	5	4	6	1	5.73
1971	7	2	6	3	8	4	9	5	12	7	5	6.18
1972	11	12	15	13	11	15	15	12	13	12	14	13.00
1973	8	10	10	9	10	8	10	8	10	9	4	8.73
1974	8	7	7	5	7	7	9	7	9	7	6	7.18
1975	14	15	15	16	13	15	16	14	15	16	13	14.73
1976	3	2	2	2	6	2	6	1	6	1	4	3.18
1977	8	9	13	7	15	9	13	8	8	9	8	9.73
1978	7	6	6	0	6	6	5	7	4	1	6	4.91
1979	7	8	11	4	12	4	11	5	8	6	6	7.45
1980	1	2	2	1	1	1	1	1	1	1	1	1.18
1981	6	6	5	5	7	4	5	5	7	6	6	5.64
1982	3	5	6	4	2	4	1	4	1	3	2	3.18
1983	21	25	28	20	21	28	18	22	19	18	21	21.91
1984	2	2	3	1	1	1	0	1	0	0	2	1.18
1985	4	5	4	7	6	4	6	5	6	3	5	5.00
1986	13	12	10	6	12	15	14	12	12	14	15	12.27
1987	3	2	2	1	3	1	1	3	1	3	1	1.91
1988	1	1	1	1	0	1	1	2	1	1	0	0.91
1989	12	10	10	10	13	15	11	13	11	6	12	11.18
1990	16	15	13	15	13	14	16	16	13	17	15	14.82
1991	5	5	5	0	7	4	5	6	6	3	4	4.55
1992	8	7	6	12	9	6	10	7	6	9	9	8.09
1993	6	5	7	8	9	5	8	7	4	7	5	6.45
1994	17	15	11	11	14	17	10	15	14	12	8	13.09
1995	15	12	7	11	9	9	8	10	11	11	8	10.09
1996	7	7	6	6	6	6	6	6	6	4	4	5.82

1997	7	13	9	12	11	7	7	9	10	5	5	8.64
1998	7	8	7	14	9	9	8	7	9	11	7	8.73
1999	4	6	3	8	10	7	7	5	7	6	6	6.27
2000	21	25	23	22	22	24	24	23	22	20	22	22.55
2001	12	14	15	9	18	16	12	16	12	13	11	13.45
2002	13	11	9	18	10	14	13	12	12	14	15	12.82
2003	15	17	15	13	19	16	18	17	19	16	18	16.64
2004	7	3	6	9	6	4	5	5	6	5	5	5.55
2005	4	8	4	7	4	7	6	4	6	6	6	5.64
2006	9	10	8	7	9	8	6	8	8	11	4	8.00
2007	14	13	13	14	14	13	16	12	13	18	13	13.91
2008	10	11	10	14	11	15	12	14	11	12	10	11.82
2009	19	15	15	12	20	12	16	16	16	19	18	16.18
2010	5	6	8	4	5	5	3	8	4	3	1	4.73
2011	6	5	5	4	6	5	0	8	6	10	5	5.45
2012	17	14	11	23	16	12	0	16	17	18	16	14.55
2013	14	14	12	16	13	13	0	16	14	18	13	13.00
2014	9	7	6	8	10	7	1	6	4	6	7	6.45
2015	8	9	5	9	9	6	12	10	10	10	11	9.00
2016	15	14	15	14	16	16	15	18	15	14	13	15.00
2017	12	12	14	15	13	14	12	12	12	16	11	13.00
2018	29	25	24	24	28	28	35	25	29	26	29	27.45
avg	8.97	8.96	8.89	9.06	9.47	8.99	9.06	9.07	8.94	9.01	8.93	

Table S4. 2. Absolute and average number (avg) of Tx90 (days) for 11 stations in summer in Serbia from 1949 to 2018.

	BG	KG	KV	NE	LO	NI	NS	SP	SM	VG	ZR	avg
1949	1	4	2	3	3	5	8	2	4	3	2	3.36
1950	19	26	26	18	22	26	23	23	25	23	21	22.91
1951	7	6	8	9	8	15	13	9	12	5	8	9.09
1952	20	29	29	27	23	34	29	24	34	28	25	27.45
1953	2	2	2	2	2	4	4	7	0	6	6	3.36
1954	5	7	7	3	7	5	8	6	2	1	3	4.91
1955	2	2	3	2	2	3	4	1	2	1	1	2.09
1956	7	6	6	9	6	5	8	5	6	8	6	6.55
1957	16	11	9	6	21	8	20	11	17	9	15	13.00
1958	7	7	10	17	13	7	10	7	7	9	9	9.36
1959	2	0	0	2	2	0	5	0	1	1	3	1.45
1960	2	2	4	4	1	1	4	0	1	2	1	2.00
1961	8	6	6	6	9	4	12	4	9	3	14	7.36
1962	8	7	4	11	9	7	9	7	6	10	11	8.09
1963	13	7	4	9	15	9	13	9	9	12	13	10.27
1964	4	3	3	3	1	2	6	4	5	5	6	3.82
1965	3	2	10	8	5	6	5	4	5	6	4	5.27
1966	0	0	0	0	1	1	0	0	0	1	0	0.27
1967	3	3	1	4	2	3	2	5	1	5	4	3.00
1968	6	5	6	9	5	4	11	7	8	10	10	7.36
1969	0	0	0	0	0	0	0	0	0	0	0	0.00
1970	0	0	1	0	2	0	1	0	0	0	0	0.36
1971	2	2	3	4	6	4	5	1	7	3	3	3.64
1972	2	4	5	6	2	8	5	5	6	4	3	4.55

1973	4	2	2	2	4	5	3	2	4	2	2	2.91
1974	4	1	2	2	7	2	4	1	5	1	3	2.91
1975	0	0	1	0	0	1	0	0	0	0	0	0.18
1976	0	0	0	0	1	0	0	0	0	0	0	0.09
1977	2	4	4	1	5	2	7	2	3	2	3	3.18
1978	0	2	2	0	1	1	1	2	0	0	0	0.82
1979	5	5	4	2	9	5	6	1	5	5	6	4.82
1980	1	0	3	1	2	1	2	0	1	0	1	1.09
1981	7	8	7	2	12	5	7	7	7	4	4	6.36
1982	4	4	3	2	4	2	1	3	4	2	2	2.82
1983	2	1	5	5	8	1	6	4	4	4	4	4.00
1984	2	2	2	4	2	6	2	2	2	3	2	2.64
1985	9	12	15	7	14	10	10	12	12	7	8	10.55
1986	3	0	0	0	2	0	4	2	1	1	2	1.36
1987	11	14	12	14	10	14	11	11	10	13	8	11.64
1988	14	13	14	15	22	9	17	15	16	10	15	14.55
1989	1	1	0	0	3	0	6	1	3	0	2	1.55
1990	6	8	10	11	8	10	9	10	6	7	5	8.18
1991	8	4	3	1	7	4	5	5	4	3	3	4.27
1992	14	10	8	22	17	9	17	16	10	16	17	14.18
1993	18	22	26	25	18	21	14	18	14	18	12	18.73
1994	12	11	9	10	10	12	15	10	10	12	15	11.45
1995	4	3	1	1	1	1	1	6	1	2	3	2.18
1996	12	10	8	9	6	12	6	14	7	9	6	9.00
1997	6	6	8	1	4	8	5	7	6	2	2	5.00
1998	20	18	23	12	19	19	15	18	20	13	16	17.55
1999	5	8	4	5	5	9	5	5	9	4	2	5.55
2000	33	32	31	29	26	30	34	34	29	31	29	30.73
2001	8	10	10	11	7	10	1	9	5	6	6	7.55
2002	14	14	10	14	11	13	17	11	11	13	17	13.18
2003	22	29	28	23	29	27	26	25	23	32	24	26.18
2004	5	5	2	8	5	8	10	3	5	8	7	6.00
2005	6	5	1	6	2	6	1	4	7	2	5	4.09
2006	11	11	9	9	11	7	13	12	11	12	10	10.55
2007	23	30	32	31	25	32	23	27	21	27	23	26.73
2008	16	18	11	9	10	16	13	17	12	17	17	14.18
2009	12	10	8	8	11	7	13	12	15	16	14	11.45
2010	14	13	11	16	13	13	8	12	13	13	9	12.27
2011	21	16	17	14	19	11	0	17	15	19	14	14.82
2012	37	38	43	38	36	37	5	33	36	36	36	34.09
2013	15	15	18	16	18	17	1	18	17	21	18	15.82
2014	4	0	2	4	3	0	0	4	4	6	4	2.82
2015	32	25	26	31	28	21	33	27	28	33	35	29.00
2016	4	6	7	6	6	8	4	5	6	3	3	5.27
2017	37	30	30	27	33	28	38	40	34	34	39	33.64
2018	9	9	8	8	7	8	11	8	6	6	6	7.82
avg	9.09	8.94	8.99	8.91	9.54	8.99	9.07	9.04	8.99	9.00	8.96	

Table S4. 3. Absolute and average number (avg) of Tx90 (days) for 11 stations in autumn in Serbia from 1949 to 2018.

	BG	KG	KV	NE	LO	NI	NS	SP	SM	VG	ZR	avg
1949	11	9	8	1	10	9	11	10	12	10	10	9.18
1950	6	9	10	5	8	11	6	9	10	13	8	8.64
1951	5	7	5	6	6	9	12	5	12	6	9	7.45
1952	8	11	13	13	8	18	7	8	8	12	7	10.27
1953	9	9	7	10	10	5	18	10	11	7	14	10.00
1954	10	5	10	17	9	7	12	8	10	11	9	9.82
1955	1	1	1	0	1	0	2	1	1	1	1	0.91
1956	7	8	10	12	8	5	11	8	10	8	10	8.82
1957	2	3	2	1	1	0	5	1	4	5	8	2.91
1958	4	3	4	5	4	2	5	3	4	3	11	4.36
1959	1	1	1	3	1	0	3	2	2	2	4	1.82
1960	13	14	14	14	8	14	10	12	8	10	9	11.45
1961	15	17	17	19	13	15	17	16	13	18	1	14.64
1962	7	6	9	4	5	9	7	6	7	4	9	6.64
1963	17	13	12	17	15	11	20	14	17	15	19	15.45
1964	2	6	5	4	3	5	2	7	2	3	3	3.82
1965	9	11	12	11	7	11	7	13	5	12	14	10.18
1966	16	7	8	8	11	13	15	12	15	13	20	12.55
1967	10	13	19	14	14	21	15	10	12	17	11	14.18
1968	6	5	6	4	6	7	6	5	4	6	5	5.45
1969	10	11	10	9	10	8	10	10	8	10	10	9.64
1970	10	9	12	17	13	10	12	7	14	11	9	11.27
1971	6	3	8	10	5	6	5	3	5	6	4	5.55
1972	1	3	4	7	1	1	1	1	2	0	0	1.91
1973	7	9	8	10	6	6	8	9	6	9	8	7.82
1974	0	0	1	2	5	2	2	0	0	1	1	1.27
1975	4	3	3	6	8	4	5	2	5	3	2	4.09
1976	8	7	5	5	11	5	12	6	13	6	10	8.00
1977	4	9	6	13	7	7	3	5	3	8	2	6.09
1978	0	0	1	0	2	0	2	0	1	0	1	0.64
1979	7	7	7	5	7	5	6	6	6	6	6	6.18
1980	4	6	7	9	6	6	4	7	5	7	6	6.09
1981	11	11	9	11	12	8	10	11	11	8	7	9.91
1982	5	9	10	1	6	5	8	5	5	2	7	5.73
1983	7	6	4	6	12	3	7	4	5	5	4	5.73
1984	5	6	6	16	12	8	10	3	6	6	6	7.64
1985	7	7	8	6	10	9	11	6	10	9	11	8.55
1986	6	5	6	5	9	8	5	6	5	10	7	6.55
1987	15	15	19	15	16	18	12	13	11	16	14	14.91
1988	1	1	3	1	2	1	2	0	3	0	0	1.27
1989	8	8	8	5	8	5	14	7	12	6	8	8.09
1990	15	14	15	11	17	17	12	17	13	15	12	14.36
1991	10	7	7	8	8	5	6	8	6	6	6	7.00
1992	9	6	5	8	5	5	4	5	3	3	4	5.18
1993	17	18	19	10	11	18	15	18	12	13	14	15.00
1994	19	19	20	19	17	21	15	18	14	14	14	17.27
1995	7	4	2	5	2	2	2	3	2	4	3	3.27
1996	7	7	5	7	9	2	7	6	11	6	8	6.82

1997	8	10	9	4	11	8	8	10	8	7	7	8.18
1998	3	3	2	2	5	3	4	3	4	3	3	3.18
1999	7	9	9	10	12	13	9	9	10	11	4	9.36
2000	17	12	10	5	17	17	24	15	21	16	17	15.55
2001	8	7	6	7	10	9	6	9	9	5	6	7.45
2002	12	13	10	5	14	13	15	13	12	14	16	12.45
2003	11	12	11	5	19	13	12	8	11	10	8	10.91
2004	10	15	11	10	6	16	7	14	8	10	8	10.45
2005	4	0	3	4	2	4	5	2	5	1	3	3.00
2006	15	14	10	18	14	12	16	16	14	16	17	14.73
2007	2	3	3	5	2	4	1	4	1	2	2	2.64
2008	17	12	11	11	18	16	15	17	16	12	18	14.82
2009	17	15	13	17	16	11	18	21	18	17	18	16.45
2010	10	13	13	16	9	15	7	16	8	14	7	11.64
2011	13	12	15	24	13	9	0	14	13	15	13	12.82
2012	23	23	25	16	23	25	5	27	25	18	25	21.36
2013	16	19	18	8	16	16	4	17	16	15	18	14.82
2014	10	10	9	4	10	2	1	10	10	8	8	7.45
2015	17	19	17	23	16	17	19	19	15	18	19	18.09
2016	5	2	4	7	6	3	11	5	6	8	8	5.91
2017	14	11	16	18	9	12	10	12	10	13	13	12.55
2018	21	13	8	12	13	13	24	16	17	19	24	16.36
avg	8.99	8.79	8.91	8.94	9.23	8.83	8.89	8.90	8.87	8.83	8.97	

Table S4. 4. Absolute and average number (avg) of Tx90 (days) for 11 stations in winter in Serbia from 1949 to 2017.

	BG	KG	KV	NE	LO	NI	NS	SP	SM	VG	ZR	avg
1949	6	4	5	10	7	6	6	7	8	10	5	6.73
1950	8	11	10	4	12	19	16	13	14	18	13	12.55
1951	3	3	4	5	5	9	4	3	3	10	2	4.64
1952	4	8	9	3	7	8	4	8	6	7	4	6.18
1953	3	4	3	3	2	0	5	4	5	5	5	3.55
1954	12	17	15	2	14	18	11	15	11	13	13	12.82
1955	10	8	12	12	17	7	14	7	11	10	11	10.82
1956	7	5	5	9	7	4	8	4	5	8	9	6.45
1957	19	20	21	16	16	20	17	19	17	18	15	18.00
1958	15	12	11	9	14	13	13	11	13	16	13	12.73
1959	8	9	12	3	8	7	7	7	6	6	3	6.91
1960	8	12	12	12	11	13	10	10	12	13	24	12.45
1961	10	7	6	8	6	8	9	10	6	12	4	7.82
1962	4	2	4	0	2	4	2	2	1	0	1	2.00
1963	0	0	0	0	0	2	0	0	0	0	0	0.18
1964	4	4	6	2	2	4	2	4	3	3	3	3.36
1965	19	14	11	7	18	12	18	12	18	8	15	13.82
1966	4	4	4	4	7	4	3	4	4	2	3	3.91
1967	4	3	4	5	5	6	5	6	4	4	4	4.55
1968	3	2	2	1	4	5	4	2	6	1	3	3.00
1969	5	6	10	1	3	7	3	6	1	6	3	4.64
1970	11	8	11	6	8	11	8	10	12	14	10	9.91
1971	0	0	2	5	1	1	1	0	3	1	2	1.45
1972	4	1	1	2	3	2	4	2	4	4	5	2.91

1973	12	9	6	4	7	10	17	9	16	13	16	10.82
1974	7	3	2	18	4	1	8	5	10	8	10	6.91
1975	3	2	3	13	4	1	5	3	5	2	2	3.91
1976	15	12	18	8	17	11	15	14	13	11	12	13.27
1977	3	2	3	2	1	5	4	3	4	2	3	2.91
1978	10	11	8	7	15	13	10	11	8	8	8	9.91
1979	6	7	7	11	11	5	7	5	9	6	5	7.18
1980	2	1	0	6	0	1	0	1	0	1	1	1.18
1981	6	6	6	7	7	7	8	6	8	3	6	6.36
1982	12	15	17	13	12	13	13	11	15	11	12	13.09
1983	6	5	4	12	7	7	10	7	9	8	7	7.45
1984	3	2	2	0	4	3	5	2	2	0	3	2.36
1985	11	9	11	12	13	8	15	10	12	11	12	11.27
1986	1	1	3	6	1	1	1	1	2	0	2	1.73
1987	11	14	13	15	11	16	12	14	10	11	12	12.64
1988	6	7	8	14	6	5	7	5	7	5	8	7.09
1989	26	22	20	16	31	17	29	23	29	21	30	24.00
1990	5	5	4	6	4	6	6	5	4	7	6	5.27
1991	4	1	1	15	2	3	5	2	2	2	2	3.55
1992	11	10	11	15	14	6	12	10	12	10	12	11.18
1993	16	17	21	9	18	20	13	16	9	17	11	15.18
1994	19	16	12	14	17	13	15	16	12	16	10	14.55
1995	4	5	5	0	5	5	4	5	5	3	4	4.09
1996	6	10	6	10	6	10	6	9	4	6	4	7.00
1997	22	22	19	26	20	16	20	25	22	24	21	21.55
1998	4	3	1	5	4	3	3	1	3	4	4	3.18
1999	6	5	8	11	8	7	5	6	4	4	5	6.27
2000	18	22	24	14	16	26	20	22	16	21	20	19.91
2001	17	14	14	26	17	16	16	17	13	14	17	16.45
2002	3	3	1	3	2	1	3	1	3	1	1	2.00
2003	3	5	4	9	5	6	4	5	6	4	7	5.27
2004	7	7	9	8	9	9	6	6	10	5	8	7.64
2005	5	6	10	3	4	10	5	5	4	6	4	5.64
2006	26	30	22	33	23	22	26	29	26	26	28	26.45
2007	10	10	10	14	13	13	13	10	14	11	15	12.09
2008	9	10	14	7	9	13	9	10	10	19	13	11.18
2009	11	12	14	2	11	14	9	11	8	9	10	10.09
2010	12	17	15	8	11	12	8	15	11	8	12	11.73
2011	13	6	6	11	11	6	1	9	11	8	10	8.36
2012	7	6	7	2	5	7	3	5	9	6	5	5.64
2013	19	23	19	10	16	19	12	27	18	18	23	18.55
2014	13	11	4	11	12	8	8	12	9	13	10	10.09
2015	18	20	14	33	20	16	12	19	18	20	15	18.64
2016	7	9	9	11	9	8	8	8	7	6	8	8.18
2017	18	16	18	11	22	13	20	18	18	18	17	17.18
avg	9.04	8.88	8.88	8.99	9.32	9.01	8.87	8.99	8.99	8.93	9.00	

Table S5. 1. Absolute and average number (avg) of FD (days) for 11 stations in spring in Serbia from 1949 to 2018.

	BG	KG	KV	NE	LO	NI	NS	SP	SM	VG	ZR	avg
1949	18	27	27	21	24	28	24	27	22	25	24	24.27
1950	1	8	6	9	7	8	11	10	6	11	8	7.73
1951	8	6	6	11	9	7	10	6	4	6	9	7.45
1952	12	19	19	21	18	18	24	16	21	22	22	19.27
1953	12	24	20	14	18	22	22	24	17	22	21	19.64
1954	3	9	7	18	6	8	7	8	10	5	10	8.27
1955	14	20	18	14	19	16	21	18	17	14	18	17.18
1956	23	25	27	22	23	20	24	26	25	24	25	24.00
1957	6	13	14	15	11	10	14	13	11	11	13	11.91
1958	24	30	27	21	30	24	29	29	26	24	27	26.45
1959	0	6	5	10	0	7	5	9	2	4	9	5.18
1960	6	9	9	10	7	7	10	10	8	7	11	8.55
1961	4	10	9	4	5	7	8	11	9	8	3	7.09
1962	17	17	18	14	19	13	22	19	20	17	22	18.00
1963	14	16	18	16	13	15	15	16	16	15	21	15.91
1964	16	14	15	19	11	12	19	16	16	16	19	15.73
1965	7	9	10	17	8	11	13	10	11	11	11	10.73
1966	8	13	14	10	8	10	15	13	11	12	12	11.45
1967	1	12	15	5	2	10	10	13	6	8	10	8.36
1968	11	19	14	12	11	12	20	20	13	14	18	14.91
1969	10	15	16	23	12	12	17	17	13	16	17	15.27
1970	5	11	9	13	9	13	9	10	8	10	9	9.64
1971	15	18	17	19	18	17	17	18	17	18	17	17.36
1972	3	8	11	14	8	11	7	9	9	8	9	8.82
1973	7	13	18	12	9	13	13	14	11	15	18	13.00
1974	6	15	12	22	8	11	15	17	13	6	11	12.36
1975	2	6	7	12	4	8	5	7	8	6	7	6.55
1976	12	20	18	19	20	16	22	20	22	23	26	19.82
1977	1	7	10	8	4	9	6	11	7	9	10	7.45
1978	3	7	7	4	5	4	9	7	5	7	8	6.00
1979	1	12	10	11	7	9	10	12	9	6	8	8.64
1980	5	10	8	16	8	9	10	12	10	15	13	10.55
1981	2	4	10	13	5	8	6	6	5	7	2	6.18
1982	5	17	15	15	12	13	11	16	14	15	11	13.09
1983	3	9	10	13	7	9	6	11	6	10	7	8.27
1984	4	11	12	10	8	10	16	11	9	13	10	10.36
1985	4	7	10	16	9	6	5	7	7	7	9	7.91
1986	9	12	13	15	12	7	14	11	16	10	13	12.00
1987	17	18	20	21	20	19	19	18	20	19	20	19.18
1988	4	10	13	8	13	14	15	9	21	8	13	11.64
1989	0	3	3	2	2	2	3	5	5	7	7	3.55
1990	0	8	8	5	6	6	4	9	8	8	5	6.09
1991	2	11	7	8	5	6	6	12	7	8	7	7.18
1992	2	16	16	14	10	16	19	17	19	16	13	14.36
1993	13	18	18	19	18	18	18	18	21	20	19	18.18
1994	0	5	7	11	3	4	3	7	6	8	5	5.36
1995	6	12	11	11	6	12	13	13	14	15	13	11.45
1996	18	21	20	23	20	19	22	22	23	22	21	21.00

1997	11	20	21	17	20	22	27	26	32	25	27	22.55
1998	14	20	21	16	17	23	20	26	23	25	20	20.45
1999	1	8	5	8	3	7	8	8	8	11	7	6.73
2000	5	18	15	11	11	16	16	15	19	17	10	13.91
2001	1	6	7	7	3	6	3	7	4	7	3	4.91
2002	4	7	5	7	6	5	10	11	7	11	12	7.73
2003	11	23	19	22	16	21	24	25	20	22	22	20.45
2004	6	7	8	5	10	9	10	8	11	8	10	8.36
2005	15	20	21	20	17	19	19	21	21	25	18	19.64
2006	12	13	16	11	13	14	14	15	16	15	13	13.82
2007	0	3	2	6	1	1	1	7	5	8	3	3.36
2008	0	6	4	3	4	2	5	4	4	7	5	4.00
2009	1	7	7	5	2	8	8	7	9	9	8	6.45
2010	7	11	13	10	11	10	11	11	11	12	11	10.73
2011	10	14	12	15	10	11	21	12	11	16	11	13.00
2012	4	11	10	11	9	11	19	14	16	17	13	12.27
2013	10	10	13	13	12	10	22	15	13	13	14	13.18
2014	0	4	1	0	0	1	16	4	4	8	4	3.82
2015	0	8	5	5	5	9	8	6	10	10	8	6.73
2016	0	6	5	4	4	5	5	5	6	10	5	5.00
2017	0	4	3	1	1	3	3	4	7	13	4	3.91
2018	11	14	12	14	15	10	14	14	14	13	12	13.00
Avg	6.96	12.43	12.27	12.44	10.10	11.27	13.24	13.21	12.50	13.00	12.59	

Table S5. 2. Absolute and average number (avg) of FD (days) for 11 stations in autumn in Serbia from 1949 to 2018.

	BG	KG	KV	NE	LO	NI	NS	SP	SM	VG	ZR	avg
1949	0	1	4	10	2	1	1	9	1	1	1	2.82
1950	4	10	8	20	12	11	11	9	7	15	8	10.45
1951	2	14	12	12	14	4	15	13	7	13	5	10.09
1952	5	7	7	13	11	6	12	6	7	8	9	8.27
1953	13	18	15	14	15	17	17	18	18	18	18	16.45
1954	7	10	14	7	11	7	9	8	10	3	8	8.55
1955	4	5	7	3	7	7	9	5	6	6	8	6.09
1956	11	18	19	19	15	13	17	19	21	15	16	16.64
1957	2	7	7	6	6	2	6	6	7	2	8	5.36
1958	3	6	2	8	2	3	2	8	3	3	8	4.36
1959	4	12	14	22	8	11	13	17	11	11	16	12.64
1960	0	1	2	0	1	1	0	3	1	0	1	0.91
1961	4	8	9	7	5	9	7	11	6	5	16	7.91
1962	4	4	8	7	5	3	8	6	6	4	10	5.91
1963	1	3	5	6	3	3	2	7	5	4	3	3.82
1964	1	3	3	2	2	4	4	9	2	5	5	3.64
1965	11	19	20	22	17	20	22	24	25	25	22	20.64
1966	6	9	8	5	7	5	7	7	7	7	7	6.82
1967	8	10	12	12	11	10	14	13	15	11	11	11.55
1968	4	7	10	12	6	5	10	9	8	6	9	7.82
1969	2	8	12	17	6	10	4	16	7	5	4	8.27
1970	1	7	12	14	6	10	8	11	9	9	7	8.55
1971	9	12	14	12	13	15	13	14	16	12	17	13.36
1972	4	12	18	12	8	12	8	15	10	13	15	11.55

1973	13	22	26	23	19	22	23	24	25	23	27	22.45
1974	0	9	20	17	7	7	8	12	9	6	9	9.45
1975	8	10	11	11	7	8	10	12	9	7	7	9.09
1976	4	8	9	6	10	8	10	8	8	6	11	8.00
1977	6	11	9	9	9	8	8	12	11	9	10	9.27
1978	14	19	18	21	10	22	19	20	17	16	21	17.91
1979	3	6	8	14	9	3	9	8	10	3	10	7.55
1980	3	5	11	6	7	6	9	10	5	8	10	7.27
1981	7	11	17	9	12	12	12	16	14	12	13	12.27
1982	3	10	15	18	10	16	7	10	11	9	6	10.45
1983	14	18	17	24	17	17	19	18	17	15	20	17.82
1984	3	10	13	11	7	11	9	14	9	10	9	9.64
1985	5	9	13	12	9	9	12	8	7	11	12	9.73
1986	1	13	18	10	5	14	15	17	13	11	16	12.09
1987	1	8	7	9	6	6	9	9	9	6	8	7.09
1988	25	29	32	26	29	31	30	28	30	29	32	29.18
1989	10	13	14	12	12	13	12	13	13	10	12	12.18
1990	4	10	8	9	8	7	11	9	6	5	13	8.18
1991	6	11	14	13	13	10	13	12	15	12	12	11.91
1992	1	5	6	5	5	5	4	6	5	9	5	5.09
1993	20	25	24	27	16	23	25	24	24	20	25	23.00
1994	3	9	8	11	5	7	8	10	8	10	11	8.18
1995	14	19	21	17	17	18	19	21	20	21	19	18.73
1996	1	4	7	6	5	5	6	6	4	7	4	5.00
1997	8	14	15	13	14	15	15	19	15	16	14	14.36
1998	6	10	13	16	10	13	10	10	9	11	10	10.73
1999	7	10	8	10	10	8	13	11	10	17	15	10.82
2000	0	7	8	11	2	8	5	9	4	8	5	6.09
2001	5	10	13	11	9	13	17	15	13	15	16	12.45
2002	1	3	6	2	1	3	1	3	3	5	2	2.73
2003	3	8	7	7	7	2	5	11	7	6	7	6.36
2004	4	5	10	5	6	10	6	7	9	10	8	7.27
2005	6	12	17	13	7	15	17	14	17	16	14	13.45
2006	3	9	15	8	5	8	8	12	7	11	8	8.55
2007	5	8	16	12	11	8	14	10	13	8	8	10.27
2008	4	11	8	6	6	7	8	11	11	9	8	8.09
2009	0	4	5	2	3	2	4	7	4	7	3	3.73
2010	0	4	4	6	2	4	4	6	5	8	5	4.36
2011	14	25	26	30	20	24	28	27	21	28	24	24.27
2012	0	3	4	1	1	3	7	4	2	5	1	2.82
2013	3	10	6	4	6	6	9	7	5	6	7	6.27
2014	2	7	3	3	4	4	15	7	6	4	2	5.18
2015	0	8	7	6	5	7	5	7	5	9	4	5.73
2016	4	8	9	6	3	6	7	12	13	12	9	8.09
2017	2	3	6	2	3	5	2	6	3	6	4	3.82
2018	3	9	4	8	2	2	7	8	5	8	6	5.64
Avg	5.13	9.90	11.40	11.00	8.30	9.29	10.47	11.61	10.01	10.01	10.49	

Table S5.3. Absolute and average number (avg) of FD (days) for 11 stations in winter in Serbia from 1949 to 2017.

	BG	KG	KV	NE	LO	NI	NS	SP	SM	VG	ZR	avg
1949	49	56	68	64	61	67	60	60	62	65	58	60.91
1950	32	32	40	51	33	32	43	30	27	33	29	34.73
1951	52	61	67	65	55	60	71	58	61	63	60	61.18
1952	54	53	55	51	57	52	61	53	60	52	57	55.00
1953	74	82	87	80	77	86	81	83	86	83	84	82.09
1954	40	39	47	56	41	30	52	39	45	40	49	43.45
1955	48	57	62	63	54	57	51	55	54	60	54	55.91
1956	54	58	64	56	56	63	60	62	66	64	65	60.73
1957	52	60	59	56	58	52	60	55	62	59	57	57.27
1958	48	59	64	64	53	58	59	56	62	61	66	59.09
1959	39	48	48	52	42	46	45	46	47	51	55	47.18
1960	29	49	49	40	43	44	47	43	41	42	42	42.64
1961	57	61	75	70	66	62	67	65	68	60	70	65.55
1962	72	71	72	79	76	65	78	73	80	75	82	74.82
1963	78	78	80	81	79	75	85	80	83	83	85	80.64
1964	61	66	69	74	71	60	72	65	72	63	71	67.64
1965	34	38	50	49	41	44	45	41	49	52	47	44.55
1966	50	61	67	67	59	60	64	64	66	58	60	61.45
1967	51	60	66	56	64	63	65	64	66	64	65	62.18
1968	56	62	65	78	64	61	70	62	66	67	65	65.09
1969	61	65	71	70	69	64	78	65	77	65	69	68.55
1970	45	54	55	59	47	53	55	51	56	53	57	53.18
1971	37	42	44	44	49	41	41	46	49	43	48	44.00
1972	46	54	63	60	52	53	55	56	60	58	61	56.18
1973	35	48	53	73	42	46	43	50	53	47	45	48.64
1974	42	68	66	62	55	65	62	60	65	62	63	60.91
1975	54	68	68	67	65	66	65	65	76	69	71	66.73
1976	29	36	43	62	39	44	38	39	46	35	48	41.73
1977	56	65	68	76	66	63	63	64	69	68	68	66.00
1978	51	51	57	69	54	48	55	52	66	53	56	55.64
1979	49	53	57	63	50	56	54	57	58	61	61	56.27
1980	58	64	72	60	69	69	69	67	72	69	70	67.18
1981	63	63	71	74	66	66	65	67	70	64	66	66.82
1982	26	41	45	45	42	42	42	44	47	45	46	42.27
1983	50	53	62	62	62	57	60	54	66	53	57	57.82
1984	69	73	75	79	72	78	75	73	75	76	77	74.73
1985	44	47	63	55	51	50	53	56	60	54	53	53.27
1986	61	67	74	71	64	72	68	71	73	69	68	68.91
1987	20	34	41	44	36	40	44	37	49	37	35	37.91
1988	48	61	64	50	57	63	63	63	66	65	64	60.36
1989	39	50	65	56	54	63	55	57	58	54	54	55.00
1990	50	55	64	64	59	61	64	55	59	56	58	58.64
1991	57	65	77	65	66	75	64	70	66	75	66	67.82
1992	60	72	77	68	72	79	70	75	73	76	68	71.82
1993	30	41	57	59	50	47	47	43	49	44	36	45.73
1994	43	47	65	61	48	55	52	51	54	56	50	52.91
1995	65	66	67	75	61	59	71	67	63	66	66	66.00
1996	41	46	52	60	53	48	62	52	55	57	56	52.91

1997	26	35	48	47	39	47	38	46	47	54	36	42.09
1998	56	64	73	65	65	76	73	67	68	75	66	68.00
1999	51	63	66	58	56	62	63	62	65	68	60	61.27
2000	33	42	49	49	37	46	49	51	46	46	50	45.27
2001	46	58	66	66	54	62	58	65	66	65	57	60.27
2002	69	63	72	70	68	67	72	69	71	72	72	69.55
2003	50	56	59	58	55	58	55	60	56	60	57	56.73
2004	49	57	64	52	59	62	68	63	71	58	68	61.00
2005	54	54	58	62	54	56	55	58	57	65	57	57.27
2006	15	29	41	30	21	37	34	38	38	40	26	31.73
2007	41	50	58	59	48	54	54	56	58	59	56	53.91
2008	39	51	45	43	41	42	47	50	45	46	47	45.09
2009	42	47	50	56	43	45	52	52	49	45	51	48.36
2010	53	60	65	66	54	63	66	67	58	60	58	60.91
2011	41	60	64	61	52	65	79	63	56	67	58	60.55
2012	33	44	48	50	39	43	71	51	48	50	47	47.64
2013	27	44	49	53	37	46	52	47	44	45	36	43.64
2014	26	41	48	41	34	45	50	44	39	49	33	40.91
2015	26	41	47	37	30	35	38	38	46	44	39	38.27
2016	67	72	69	70	66	69	72	72	76	75	71	70.82
2017	25	43	45	46	37	39	41	40	48	48	34	40.55
avg	46.78	54.70	60.49	60.06	53.75	56.22	58.78	56.81	59.49	58.20	57.06	

Table S6. 1. Absolute and average number (avg) of Tn10 (days) for 11 stations in spring in Serbia from 1949 to 2018.

	BG	KG	KV	NE	LO	NI	NS	SP	SM	VG	ZR	avg
1949	20	19	20	17	18	21	11	18	16	14	17	17.36
1950	4	5	4	11	6	6	5	10	3	4	3	5.55
1951	9	3	4	2	3	3	2	3	3	4	2	3.45
1952	22	22	21	28	16	25	21	19	19	19	23	21.36
1953	13	16	16	12	18	15	17	17	16	13	16	15.36
1954	14	12	7	11	13	7	13	8	9	8	8	10.00
1955	24	21	21	16	22	17	20	20	17	18	18	19.45
1956	20	10	14	13	16	14	13	10	12	10	9	12.82
1957	12	10	10	10	11	8	8	8	8	4	8	8.82
1958	21	16	14	8	20	17	22	10	16	13	21	16.18
1959	5	7	6	8	8	9	6	7	7	7	6	6.91
1960	10	6	5	6	9	5	6	8	6	5	4	6.36
1961	6	6	6	3	3	6	5	6	5	5	0	4.64
1962	19	15	15	12	19	15	18	14	15	12	17	15.55
1963	12	12	13	8	8	11	10	9	8	9	12	10.18
1964	9	9	7	14	10	11	12	12	9	5	9	9.73
1965	6	5	6	5	5	8	9	6	3	7	9	6.27
1966	6	7	11	6	6	7	6	13	5	6	7	7.27
1967	9	7	9	6	8	8	12	6	8	7	9	8.09
1968	8	8	5	8	6	7	8	10	7	5	6	7.09
1969	11	11	9	10	14	5	9	9	9	7	6	9.09
1970	13	7	11	13	12	9	9	9	9	7	8	9.73
1971	13	17	13	13	16	12	10	16	12	13	15	13.64
1972	10	8	12	10	9	8	5	8	11	6	12	9.00
1973	6	7	10	5	10	9	1	7	7	5	13	7.27

1974	3	9	9	22	10	11	4	10	9	4	10	9.18
1975	2	6	4	3	2	7	3	2	3	2	6	3.64
1976	14	18	16	16	19	12	17	19	18	15	21	16.82
1977	11	11	10	8	12	12	5	10	9	10	15	10.27
1978	7	5	5	3	6	5	5	7	7	8	9	6.09
1979	6	8	4	11	10	7	9	7	7	6	9	7.64
1980	13	10	9	12	17	10	5	10	7	13	11	10.64
1981	4	7	9	17	7	13	3	5	5	8	3	7.36
1982	11	10	11	16	12	10	11	12	8	11	13	11.36
1983	3	6	7	9	6	10	3	5	3	6	5	5.73
1984	8	6	9	6	8	10	7	9	4	10	9	7.82
1985	5	4	6	4	8	7	5	5	6	5	5	5.45
1986	4	3	4	7	6	3	2	5	5	3	3	4.09
1987	22	22	25	23	26	22	22	22	27	24	22	23.36
1988	8	7	7	8	7	6	7	6	11	7	8	7.45
1989	4	4	6	8	5	5	2	4	5	5	1	4.45
1990	5	6	6	9	8	5	6	6	9	6	9	6.82
1991	13	10	12	7	12	15	12	13	14	11	12	11.91
1992	7	14	13	17	12	15	12	11	16	10	11	12.55
1993	11	10	9	11	8	11	8	9	9	12	6	9.45
1994	4	7	7	9	8	8	4	6	6	6	6	6.45
1995	15	10	10	6	5	10	10	9	13	11	11	10.00
1996	17	9	10	5	10	11	11	12	12	11	13	11.00
1997	23	16	21	11	21	19	24	22	26	22	19	20.36
1998	12	15	12	7	13	13	15	19	19	22	19	15.09
1999	3	2	1	2	3	2	2	2	4	5	4	2.73
2000	2	10	6	4	2	5	2	8	7	5	1	4.73
2001	4	9	9	8	5	8	4	8	7	9	6	7.00
2002	6	4	3	3	5	5	5	4	6	7	8	5.09
2003	7	9	7	11	8	11	11	12	12	14	12	10.36
2004	7	4	10	11	13	10	6	4	8	9	6	8.00
2005	14	17	18	14	17	15	15	20	21	21	16	17.09
2006	4	5	8	7	8	6	4	8	7	8	5	6.36
2007	1	7	5	2	2	2	1	9	4	11	2	4.18
2008	0	8	1	7	1	3	2	5	4	13	6	4.55
2009	0	6	4	8	2	5	3	6	5	6	3	4.36
2010	4	3	2	1	1	2	0	2	1	2	0	1.64
2011	5	6	6	12	5	7	28	6	7	10	9	9.18
2012	2	6	6	3	6	3	21	7	6	8	8	6.91
2013	10	4	6	5	6	4	25	4	8	5	7	7.64
2014	2	1	1	1	1	0	16	1	4	4	2	3.00
2015	4	6	5	2	4	5	7	5	8	11	10	6.09
2016	3	5	7	5	4	6	2	3	3	10	3	4.64
2017	7	4	6	2	6	5	8	4	8	8	4	5.64
2018	7	4	5	5	5	3	3	3	3	4	3	4.09
Avg	8.94	8.84	8.94	8.90	9.26	8.96	9.07	8.99	9.01	9.01	8.99	

Table S6. 2. Absolute and average number (avg) of Tn10 (days) for 11 stations in summer in Serbia from 1949 to 2018.

	BG	KG	KV	NE	LO	NI	NS	SP	SM	VG	ZR	avg
1949	27	19	30	24	29	38	20	28	12	17	20	24.00

1950	5	8	12	21	11	9	7	23	3	12	5	10.55
1951	5	5	3	7	6	5	9	4	4	5	8	5.55
1952	6	7	7	14	13	5	8	7	7	12	12	8.91
1953	9	8	6	15	8	2	8	5	4	5	9	7.18
1954	7	9	7	8	11	5	11	6	2	5	7	7.09
1955	7	5	6	2	9	6	6	4	7	0	5	5.18
1956	12	12	10	9	12	16	6	8	4	9	6	9.45
1957	8	9	5	4	10	5	8	8	3	7	7	6.73
1958	9	12	7	8	10	8	9	7	8	7	7	8.36
1959	3	4	5	2	5	3	2	3	2	2	0	2.82
1960	20	14	14	4	16	11	16	13	10	8	13	12.64
1961	14	22	21	16	18	15	19	19	13	10	21	17.09
1962	25	22	17	17	22	18	21	19	15	20	18	19.45
1963	5	5	4	7	7	5	2	7	3	3	6	4.91
1964	13	11	14	11	10	12	7	14	10	8	7	10.64
1965	20	23	19	21	22	18	13	20	16	14	14	18.18
1966	16	8	8	6	13	9	12	7	13	6	9	9.73
1967	8	6	6	7	7	10	9	12	8	7	8	8.00
1968	20	14	13	19	16	15	16	16	14	10	14	15.18
1969	14	10	15	7	14	14	13	7	10	5	11	10.91
1970	12	8	12	9	11	14	3	6	7	5	6	8.45
1971	11	12	8	14	11	6	13	12	10	10	17	11.27
1972	9	5	6	5	5	4	3	5	5	3	9	5.36
1973	11	12	15	10	15	14	10	11	8	7	15	11.64
1974	16	15	14	20	13	12	13	13	12	4	15	13.36
1975	11	7	7	6	4	6	4	4	4	3	6	5.64
1976	18	20	18	24	19	18	17	20	20	21	27	20.18
1977	8	6	8	9	12	9	5	12	10	7	13	9.00
1978	15	25	23	27	15	16	15	21	19	13	26	19.55
1979	10	9	10	10	13	10	9	9	10	9	14	10.27
1980	9	6	12	13	11	15	7	9	7	11	6	9.64
1981	15	8	11	15	13	10	9	8	9	5	10	10.27
1982	5	7	4	11	6	7	4	5	2	5	6	5.64
1983	10	13	9	12	12	13	7	11	9	11	7	10.36
1984	25	23	27	23	30	30	22	28	19	30	24	25.55
1985	14	18	18	20	14	19	16	17	13	16	23	17.09
1986	15	14	8	8	14	10	14	12	13	11	13	12.00
1987	12	13	14	14	16	12	14	13	19	16	15	14.36
1988	6	11	6	5	10	9	7	5	14	19	8	9.09
1989	13	10	14	12	12	19	10	9	11	14	12	12.36
1990	8	13	13	21	13	8	7	15	16	20	9	13.00
1991	1	3	3	2	5	6	4	3	7	4	5	3.91
1992	1	3	6	6	3	7	4	2	6	6	3	4.27
1993	16	10	19	14	19	17	15	14	20	19	15	16.18
1994	6	4	7	9	4	7	5	3	7	8	4	5.82
1995	3	1	2	1	2	2	1	1	3	5	2	2.09
1996	14	15	13	8	15	12	18	15	20	15	18	14.82
1997	7	3	2	6	2	6	1	2	6	5	3	3.91
1998	10	1	6	2	9	5	9	5	14	8	8	7.00
1999	4	5	4	3	8	4	7	4	8	8	3	5.27
2000	6	14	13	15	9	17	9	16	16	18	13	13.27

2001	5	4	3	5	5	6	6	5	7	8	6	5.45
2002	0	0	0	0	0	0	2	2	1	3	2	0.91
2003	2	3	5	1	2	4	1	3	3	6	2	2.91
2004	3	4	1	6	3	3	3	2	4	6	4	3.55
2005	10	10	11	11	11	10	6	7	11	14	7	9.82
2006	12	7	11	5	10	5	4	10	10	9	8	8.27
2007	3	4	5	0	3	3	2	6	10	5	3	4.00
2008	2	3	4	0	1	2	3	3	7	6	3	3.09
2009	1	5	2	1	1	3	2	4	6	5	1	2.82
2010	1	1	1	0	1	0	0	1	1	3	0	0.82
2011	5	3	3	3	6	3	27	4	6	9	5	6.73
2012	0	3	3	1	2	1	13	10	8	15	7	5.73
2013	2	5	3	1	2	2	21	7	10	12	1	6.00
2014	1	7	2	3	3	3	24	4	7	7	3	5.82
2015	2	5	4	1	4	3	2	4	4	3	3	3.18
2016	2	4	5	2	2	2	2	4	6	5	2	3.27
2017	0	4	1	4	1	2	3	4	7	4	6	3.27
2018	4	2	2	2	3	2	3	2	5	3	5	3.00
Avg	8.99	8.87	8.96	8.99	9.63	8.96	8.97	8.99	8.93	9.01	9.00	

Table S6. 3. Absolute and average number (avg) of Tn10 (days) for 11 stations in autumn in Serbia from 1949 to 2018.

	BG	KG	KV	NE	LO	NI	NS	SP	SM	VG	ZR	avg
1949	3	3	7	13	6	9	5	12	4	8	6	6.91
1950	15	8	11	16	12	15	9	14	10	15	13	12.55
1951	5	11	10	16	10	5	17	12	8	12	5	10.09
1952	10	7	5	10	13	3	8	5	6	4	4	6.82
1953	18	21	19	13	21	19	19	19	20	21	17	18.82
1954	8	3	9	4	9	3	7	5	5	4	7	5.82
1955	2	2	2	0	5	1	1	2	1	1	2	1.73
1956	18	16	17	17	19	14	16	15	18	14	17	16.45
1957	6	6	3	2	8	2	3	4	3	1	4	3.82
1958	5	6	4	8	10	8	4	5	3	3	2	5.27
1959	25	22	20	27	21	22	27	22	18	22	24	22.73
1960	6	7	4	4	8	3	8	7	6	4	8	5.91
1961	5	14	15	10	13	15	11	16	11	4	26	12.73
1962	7	5	5	7	8	7	7	7	6	3	7	6.27
1963	3	4	6	6	4	3	3	3	5	2	5	4.00
1964	5	5	2	8	5	3	4	7	1	2	4	4.18
1965	17	16	18	17	17	18	18	18	20	19	16	17.64
1966	2	3	3	2	2	2	3	5	1	0	2	2.27
1967	4	7	5	5	6	5	9	6	4	5	8	5.82
1968	8	8	6	6	6	6	7	8	6	9	8	7.09
1969	7	9	11	13	7	14	3	11	7	7	7	8.73
1970	13	8	7	9	12	12	9	9	8	8	11	9.64
1971	20	12	20	9	19	12	14	14	15	11	18	14.91
1972	18	13	17	6	15	15	16	14	13	12	19	14.36
1973	16	19	18	24	16	18	17	16	17	14	22	17.91
1974	3	7	7	13	4	5	2	5	3	2	3	4.91
1975	6	7	6	6	4	7	4	4	5	5	5	5.36
1976	9	5	5	2	7	7	5	2	3	4	7	5.09

1977	13	9	10	9	10	10	8	10	12	11	12	10.36
1978	12	14	13	19	12	17	8	10	12	10	15	12.91
1979	13	12	16	14	15	11	10	14	15	9	11	12.73
1980	8	9	6	8	6	8	5	8	5	6	6	6.82
1981	6	1	3	4	2	7	5	2	3	2	4	3.55
1982	3	5	8	10	4	9	4	6	4	3	4	5.45
1983	19	18	17	22	20	19	20	17	17	17	18	18.55
1984	3	9	8	8	6	9	9	8	5	10	7	7.45
1985	12	11	11	15	10	10	12	10	8	9	13	11.00
1986	11	18	21	16	15	14	13	18	20	15	19	16.36
1987	11	8	8	8	9	6	9	8	9	7	8	8.27
1988	24	21	26	15	24	30	23	20	23	20	20	22.36
1989	14	16	18	10	16	17	13	13	18	15	12	14.73
1990	15	10	11	16	16	12	14	13	16	9	13	13.18
1991	13	8	8	11	13	9	15	9	17	12	12	11.55
1992	5	10	8	7	12	9	8	8	13	12	8	9.09
1993	20	15	19	22	10	18	17	16	15	13	16	16.45
1994	9	6	3	5	7	6	6	6	6	8	8	6.36
1995	18	17	13	15	16	17	16	14	20	23	16	16.82
1996	8	5	7	4	4	4	8	5	7	6	5	5.73
1997	15	17	13	17	17	21	16	18	19	26	18	17.91
1998	6	4	2	6	9	4	4	2	7	8	5	5.18
1999	3	4	3	3	2	5	1	1	3	6	3	3.09
2000	2	7	7	5	3	7	4	5	8	8	6	5.64
2001	7	6	8	7	6	7	6	7	6	10	5	6.82
2002	5	4	6	1	8	1	4	5	8	9	4	5.00
2003	8	8	10	4	11	7	6	9	8	5	5	7.36
2004	3	6	5	6	5	4	4	6	6	5	6	5.09
2005	1	5	4	1	1	6	3	4	5	7	4	3.73
2006	5	9	6	4	6	7	5	9	4	6	7	6.18
2007	10	7	11	8	10	8	9	9	12	11	10	9.55
2008	5	3	4	2	3	3	3	3	6	5	3	3.64
2009	4	3	3	2	4	2	2	2	3	4	3	2.91
2010	4	6	7	8	6	9	8	7	10	9	7	7.36
2011	15	16	16	20	13	14	20	18	11	25	12	16.36
2012	1	2	2	2	3	4	7	3	3	5	1	3.00
2013	5	13	8	6	6	7	17	8	8	11	8	8.82
2014	1	2	0	0	0	0	8	2	0	1	0	1.27
2015	1	5	7	1	6	4	5	7	5	7	4	4.73
2016	6	8	4	2	6	4	4	9	11	11	3	6.18
2017	0	3	1	1	3	0	0	3	1	4	0	1.45
2018	6	9	5	5	6	4	5	8	8	9	6	6.45
Avg	8.77	8.90	8.97	8.89	9.26	8.90	8.86	8.96	8.91	8.93	8.91	

Table S6. 4. Absolute and average number (avg) of Tn10 (days) for 11 stations in winter in Serbia from 1949 to 2017.

	BG	KG	KV	NE	LO	NI	NS	SP	SM	VG	ZR	avg
1949	15	14	13	18	16	18	16	13	14	9	14	14.55
1950	0	0	0	1	0	0	0	0	0	1	0	0.18
1951	2	2	5	2	3	2	2	4	1	2	2	2.45
1952	6	3	4	0	8	3	6	3	7	2	4	4.18
1953	39	34	36	30	40	37	37	32	38	29	43	35.91
1954	0	3	1	2	1	2	2	0	1	0	2	1.27
1955	25	21	20	25	25	19	22	20	22	20	24	22.09
1956	6	4	6	6	8	1	3	4	4	3	2	4.27
1957	14	10	7	15	13	9	15	9	14	10	11	11.55
1958	15	9	7	16	14	7	10	16	10	9	11	11.27
1959	12	11	13	9	11	10	12	10	12	13	14	11.55
1960	5	5	6	3	5	6	2	2	3	2	3	3.82
1961	14	11	11	6	7	11	8	6	6	9	11	9.09
1962	36	33	35	26	37	28	35	28	33	26	32	31.73
1963	25	14	14	7	21	15	27	22	20	16	29	19.09
1964	13	11	12	6	13	13	15	10	13	13	16	12.27
1965	4	5	9	5	5	7	5	7	4	6	4	5.55
1966	10	17	14	14	13	13	13	17	10	12	11	13.09
1967	14	16	11	9	13	10	14	17	13	16	14	13.36
1968	16	11	9	17	11	12	17	17	14	12	17	13.91
1969	9	10	11	5	12	6	11	7	10	9	7	8.82
1970	3	1	3	1	5	2	6	5	5	2	9	3.82
1971	7	1	3	11	2	5	3	2	3	3	3	3.91
1972	3	8	6	13	5	6	1	7	2	3	3	5.18
1973	6	9	12	8	9	10	6	9	9	8	6	8.36
1974	0	2	4	3	1	2	2	5	1	2	2	2.18
1975	4	7	8	7	4	7	2	6	5	8	5	5.73
1976	3	4	2	10	3	3	3	2	5	4	4	3.91
1977	14	8	10	20	16	10	10	8	11	11	13	11.91
1978	12	14	11	11	13	16	10	13	12	13	13	12.55
1979	5	7	3	10	5	8	5	6	5	11	5	6.36
1980	12	13	10	8	12	12	13	10	9	17	12	11.64
1981	6	8	11	5	7	6	5	5	4	4	6	6.09
1982	4	2	3	2	3	6	2	6	1	6	4	3.55
1983	10	5	7	4	7	3	6	5	6	2	10	5.91
1984	32	28	28	29	29	28	33	28	30	28	38	30.09
1985	4	5	6	8	5	5	5	5	6	4	6	5.36
1986	12	12	13	6	14	15	7	10	14	11	11	11.36
1987	3	2	3	1	4	4	4	3	6	3	3	3.27
1988	2	4	4	1	2	3	1	5	4	3	3	2.91
1989	14	16	15	13	11	17	9	14	13	12	10	13.09
1990	6	5	7	8	9	9	10	7	12	9	7	8.09
1991	5	12	10	7	9	12	7	14	8	17	7	9.82
1992	18	20	20	17	18	16	12	16	12	24	13	16.91
1993	4	2	5	12	8	1	6	2	8	2	3	4.82
1994	4	5	6	6	3	4	3	6	3	6	5	4.64
1995	0	2	3	8	6	4	4	2	4	2	3	3.45
1996	7	5	5	5	6	5	7	5	8	6	7	6.00

1997	3	1	5	6	2	3	1	1	1	4	1	2.55
1998	13	15	10	11	11	14	14	14	15	13	14	13.09
1999	7	5	7	4	8	8	10	9	12	7	7	7.64
2000	1	3	1	2	3	3	4	3	4	2	5	2.82
2001	11	11	16	7	16	18	15	15	20	18	11	14.36
2002	17	14	10	14	10	12	22	11	21	12	19	14.73
2003	5	7	5	4	8	4	4	13	9	12	7	7.09
2004	8	9	7	7	9	8	11	10	10	8	9	8.73
2005	7	10	12	8	6	12	5	8	6	10	8	8.36
2006	0	0	0	0	0	0	0	0	0	0	0	0.00
2007	2	5	4	11	4	6	2	6	3	5	4	4.73
2008	6	9	8	12	6	8	4	9	7	14	9	8.36
2009	7	5	7	12	8	7	7	7	7	7	7	7.36
2010	11	11	6	13	6	9	13	11	9	15	11	10.45
2011	17	19	17	17	17	21	21	17	15	16	11	17.09
2012	4	3	3	3	4	5	9	3	4	4	4	4.18
2013	1	4	2	1	0	2	5	2	1	3	1	2.00
2014	3	8	6	6	5	8	5	7	4	7	4	5.73
2015	4	7	7	9	3	8	1	7	5	8	1	5.45
2016	10	22	20	17	15	16	11	16	13	16	6	14.73
2017	4	3	3	2	3	3	2	3	3	2	1	2.64
avg	9.00	9.01	8.96	9.01	9.22	9.03	8.99	9.01	9.04	9.03	9.01	
