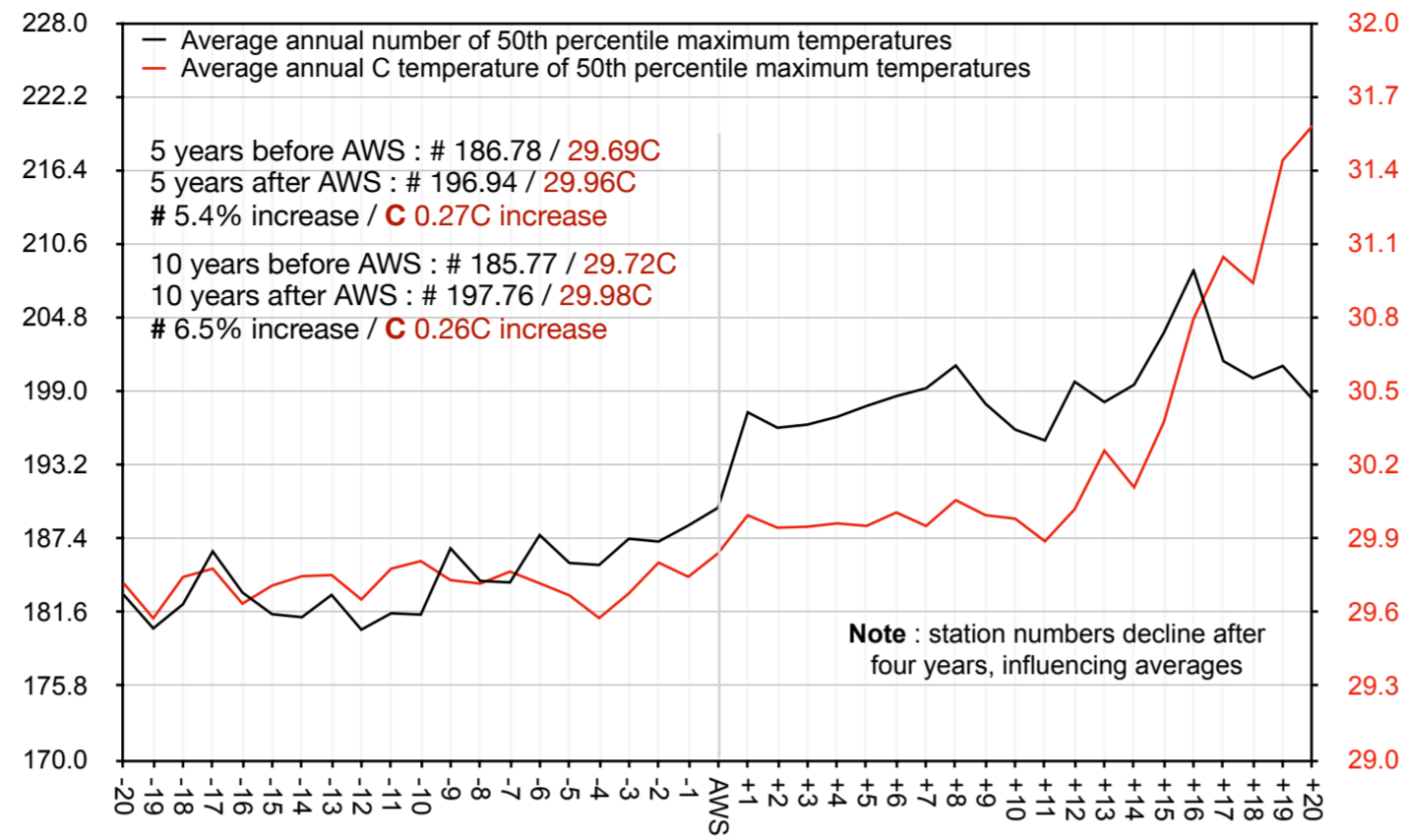
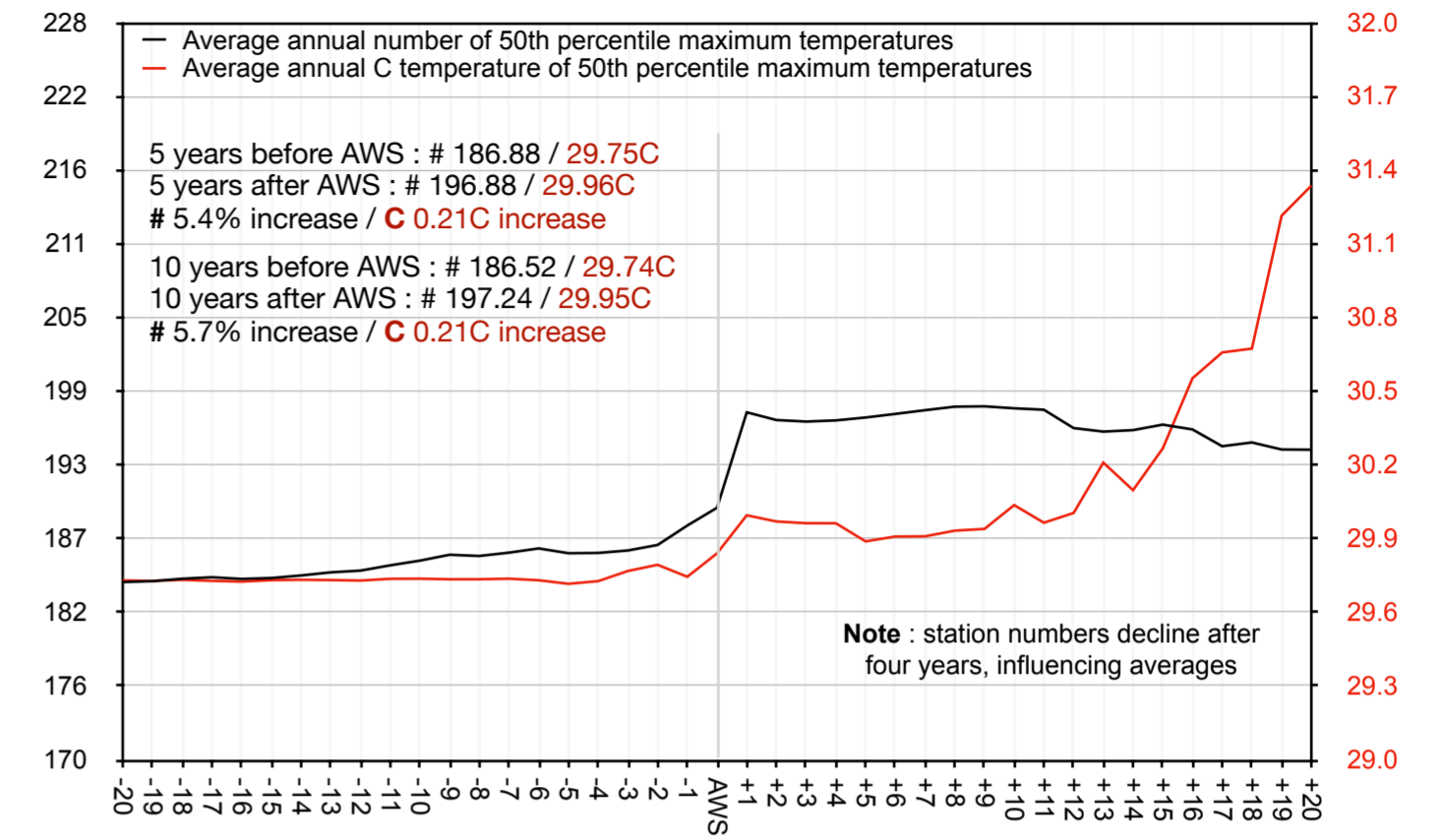


Year	# 50th	C 50th	Year	# 50th	C 50th
-20	183.01	29.72	-20	184.00	29.73
-19	180.36	29.58	-19	184.07	29.73
-18	182.26	29.74	-18	184.26	29.73
-17	186.41	29.78	-17	184.38	29.73
-16	183.18	29.64	-16	184.25	29.73
-15	181.47	29.71	-15	184.32	29.73
-14	181.24	29.75	-14	184.52	29.73
-13	182.99	29.75	-13	184.76	29.73
-12	180.25	29.65	-12	184.90	29.73
-11	181.54	29.78	-11	185.31	29.74
-10	181.44	29.81	-10	185.68	29.74
-9	186.65	29.73	-9	186.15	29.74
-8	184.09	29.72	-8	186.05	29.74
-7	183.97	29.77	-7	186.31	29.74
-6	187.70	29.72	-6	186.64	29.73
-5	185.50	29.67	-5	186.27	29.72
-4	185.34	29.58	-4	186.29	29.73
-3	187.41	29.68	-3	186.48	29.77
-2	187.19	29.80	-2	186.92	29.79
-1	188.45	29.75	-1	188.45	29.75
AWS	189.84	29.84	AWS	189.84	29.84
+1	197.35	30.00	+1	197.35	30.00
+2	196.14	29.95	+2	196.75	29.97
+3	196.38	29.95	+3	196.62	29.96
+4	196.99	29.96	+4	196.72	29.96
+5	197.85	29.95	+5	196.94	29.89
+6	198.62	30.01	+6	197.22	29.91
+7	199.24	29.95	+7	197.52	29.91
+8	201.03	30.06	+8	197.79	29.93
+9	198.02	30.00	+9	197.82	29.94
+10	195.99	29.98	+10	197.67	30.04
+11	195.14	29.89	+11	197.55	29.97
+12	199.75	30.02	+12	196.11	30.01
+13	198.16	30.26	+13	195.84	30.21
+14	199.52	30.11	+14	195.95	30.10
+15	203.61	30.38	+15	196.38	30.27
+16	208.52	30.80	+16	196.01	30.55
+17	201.39	31.05	+17	194.68	30.66
+18	200.04	30.94	+18	194.98	30.67
+19	201.00	31.44	+19	194.43	31.21
+20	198.39	31.58	+20	194.41	31.34
Above are annual averages		Above are cumulative averages before and after AWS			

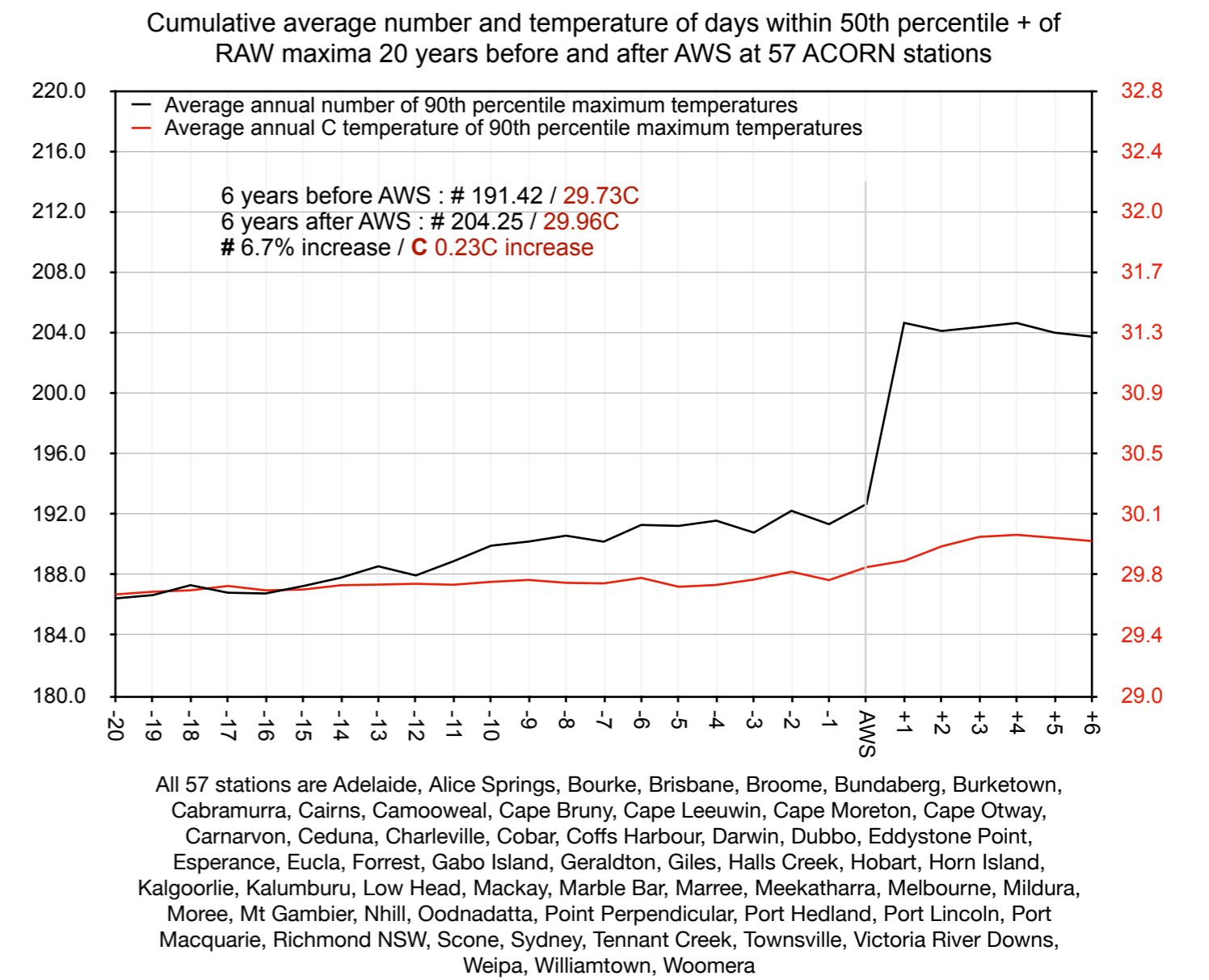
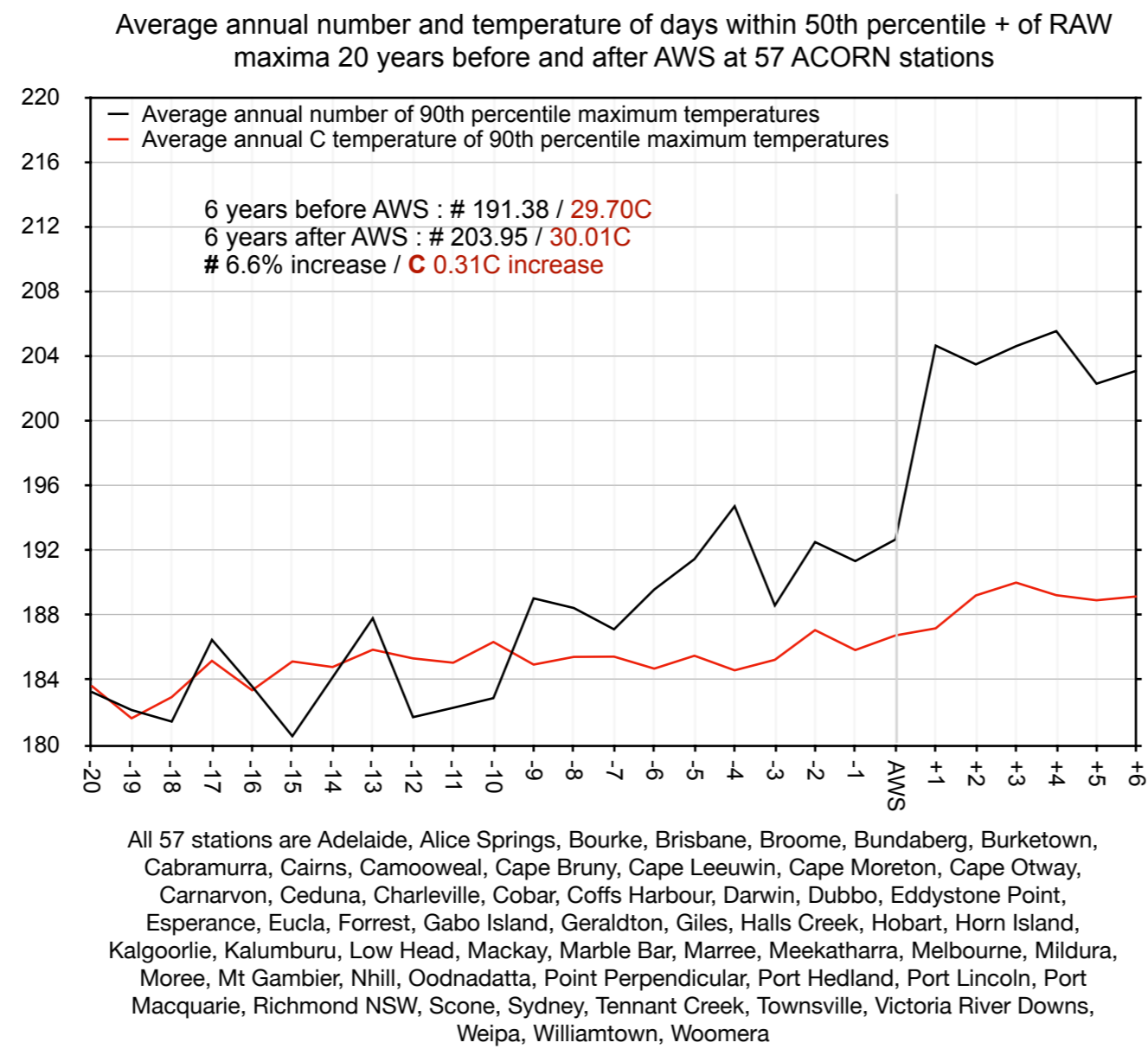
Average annual number and temperature of days within 50th percentile + of RAW maxima 20 years before and after AWS at 102 ACORN stations



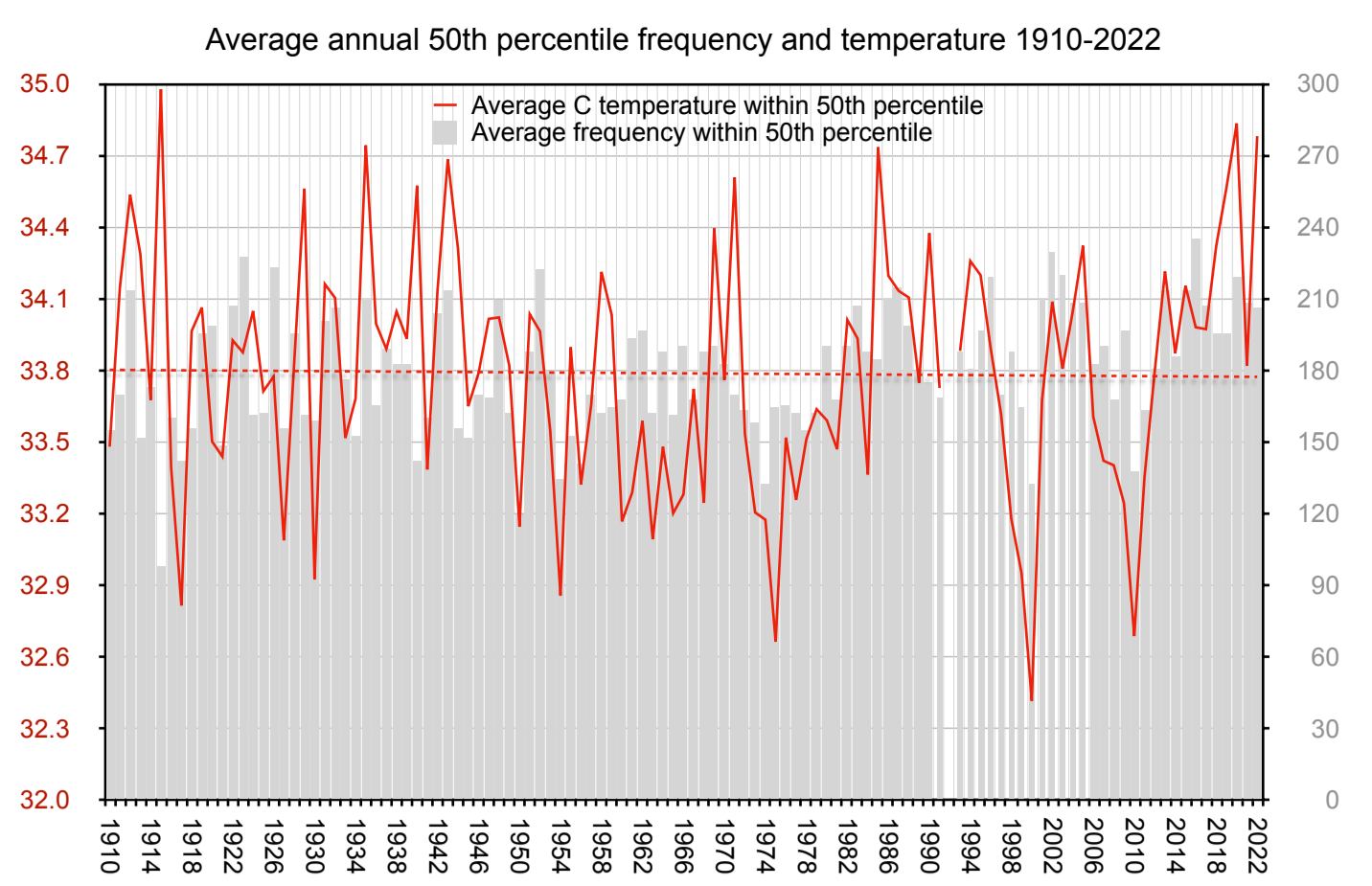
Cumulative average number and temperature of days within 50th percentile + of RAW maxima 20 years before and after AWS at 102 ACORN stations



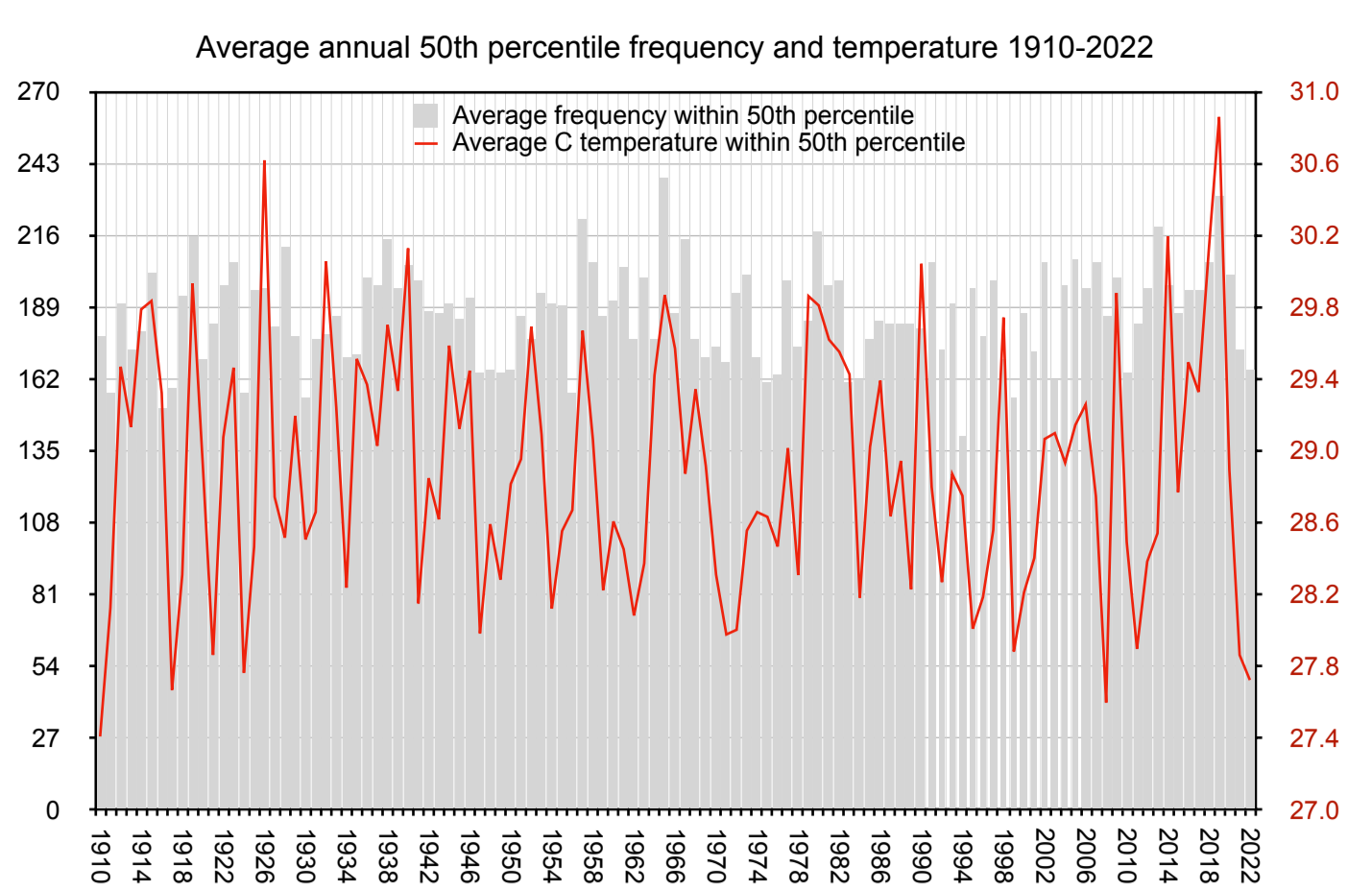
Year	# 50th	C 50th	Year	# 50th	C 50th
-20	183.29	29.53	-20	186.45	29.64
-19	182.16	29.35	-19	186.67	29.65
-18	181.45	29.47	-18	187.32	29.66
-17	186.49	29.67	-17	186.82	29.69
-16	183.61	29.50	-16	186.77	29.66
-15	180.54	29.66	-15	187.27	29.67
-14	184.18	29.63	-14	187.82	29.70
-13	187.82	29.73	-13	188.57	29.70
-12	181.72	29.68	-12	187.96	29.70
-11	182.30	29.66	-11	188.90	29.70
-10	182.89	29.77	-10	189.93	29.72
-9	189.05	29.65	-9	190.20	29.73
-8	188.46	29.69	-8	190.59	29.71
-7	187.14	29.69	-7	190.20	29.71
-6	189.60	29.62	-6	191.30	29.74
-5	191.47	29.70	-5	191.24	29.69
-4	194.74	29.62	-4	191.58	29.70
-3	188.61	29.67	-3	190.80	29.73
-2	192.53	29.84	-2	192.24	29.78
-1	191.35	29.73	-1	191.35	29.73
AWS	192.68	29.81	AWS	192.68	29.81
+1	204.65	29.85	+1	204.65	29.85
+2	203.49	30.03	+2	204.11	29.94
+3	204.61	30.10	+3	204.37	30.00
+4	205.54	30.03	+4	204.64	30.01
+5	202.30	30.00	+5	204.00	29.99
+6	203.11	30.03	+6	203.74	29.97
+7	204.36	29.99	+7	203.68	29.97
+8	205.73	30.15	+8	204.83	30.04
+9	202.43	29.94	+9	204.56	30.03
+10	199.89	30.03	+10	204.69	30.22
+11	198.55	29.94	+11	204.83	30.08
+12	207.50	30.04	+12	204.13	30.02
+13	208.74	30.77	+13	204.18	30.56
+14	214.33	30.51	+14	205.46	30.30
+15	218.74	30.22	+15	206.71	30.07
+16	219.40	31.00	+16	206.63	30.68
+17	209.00	31.19	+17	203.03	30.98
+18	207.24	31.09	+18	203.26	30.99
+19	207.38	32.22	+19	201.86	32.15
+20	211.27	32.12	+20	202.92	32.03



50th 30.4	Annual # days above 50th percentile	Annual average C in days above 50th percentile
1910	155	33.5
1911	170	34.2
1912	214	34.5
1913	152	34.3
1914	173	33.7
1915	98	35.0
1916	160	33.4
1917	142	32.8
1918	156	34.0
1919	196	34.1
1920	199	33.5
1921	148	33.4
1922	207	33.9
1923	228	33.9
1924	161	34.0
1925	162	33.7
1926	223	33.8
1927	156	33.1
1928	196	33.8
1929	161	34.6
1930	159	32.9
1931	201	34.2
1932	206	34.1
1933	176	33.5
1934	153	33.7
1935	210	34.7
1936	166	34.0
1937	189	33.9
1938	183	34.0
1939	183	33.9
1940	142	34.6
1941	160	33.4
1942	204	34.1
1943	214	34.7
1944	156	34.3
1945	152	33.7
1946	170	33.8
1947	169	34.0
1948	209	34.0
1949	162	33.8
1950	120	33.1
1951	188	34.0
1952	222	34.0
1953	180	33.5
1954	135	32.9
1955	153	33.9
1956	141	33.3
1957	170	33.7
1958	162	34.2
1959	165	34.0
1960	168	33.2
1961	193	33.3
1962	197	33.6
1963	162	33.1
1964	188	33.5
1965	161	33.2
1966	190	33.3
1967	168	33.7
1968	188	33.2
1969	190	34.4
1970	183	33.8
1971	170	34.6
1972	163	33.5
1973	158	33.2
1974	132	33.2
1975	165	32.7
1976	166	33.5
1977	162	33.3
1978	155	33.5
1979	162	33.6
1980	190	33.6
1981	168	33.5
1982	190	34.0
1983	207	33.9
1984	188	33.4
1985	185	34.7
1986	211	34.2
1987	215	34.1
1988	199	34.1
1989	179	33.7
1990	175	34.4
1991	169	33.7
1992	0	
1993	188	33.9
1994	181	34.3
1995	197	34.2
1996	219	33.9
1997	170	33.6
1998	188	33.2
1999	164	33.0
2000	132	32.4
2001	211	33.7
2002	230	34.1
2003	220	33.8
2004	208	34.0
2005	208	34.3
2006	183	33.6
2007	190	33.4
2008	168	33.4
2009	197	33.2
2010	138	32.7
2011	163	33.4
2012	181	33.8
2013	214	34.2
2014	186	33.9
2015	214	34.2
2016	235	34.0
2017	207	34.0
2018	195	34.3
2019	195	34.6
2020	219	34.8
2021	208	33.8
2022	206	34.8
50/50	No AWS / small screen unknown	
1910-1965	173.7	33.8
1966-2022	183.2	33.8



50th 23.9	Annual # days above 50th percentile	Annual average C in days above 50th percentile
1910	178	27.4
1911	157	28.1
1912	190	29.5
1913	173	29.1
1914	180	29.8
1915	202	29.8
1916	151	29.3
1917	159	27.7
1918	193	28.3
1919	215	29.9
1920	169	28.9
1921	183	27.9
1922	197	29.1
1923	206	29.5
1924	157	27.8
1925	195	28.5
1926	196	30.6
1927	182	28.7
1928	212	28.5
1929	178	29.2
1930	155	28.5
1931	177	28.7
1932	179	30.1
1933	186	29.2
1934	170	28.2
1935	171	29.5
1936	200	29.4
1937	197	29.0
1938	214	29.7
1939	196	29.3
1940	205	30.1
1941	199	28.2
1942	188	28.8
1943	187	28.6
1944	190	29.6
1945	185	29.1
1946	192	29.4
1947	164	28.0
1948	165	28.6
1949	164	28.3
1950	165	28.8
1951	186	29.0
1952	177	29.7
1953	194	29.1
1954	190	28.1
1955	189	28.6
1956	157	28.7
1957	222	29.7
1958	206	29.1
1959	186	28.2
1960	191	28.6
1961	204	28.5
1962	177	28.1
1963	200	28.4
1964	177	29.4
1965	238	29.9
1966	187	29.6
1967	214	28.9
1968	177	29.3
1969	170	28.9
1970	174	28.3
1971	168	28.0
1972	194	28.0
1973	201	28.6
1974	170	28.7
1975	161	28.6
1976	163	28.5
1977	199	29.0
1978	174	28.3
1979	184	29.9
1980	217	29.8
1981	197	29.6
1982	199	29.6
1983	161	29.4
1984	162	28.2
1985	177	29.0
1986	184	29.4
1987	183	28.6
1988	183	28.9
1989	183	28.2
1990	181	30.0
1991	206	28.8
1992	173	28.3
1993	190	28.9
1994	140	28.8
1995	196	28.0
1996	178	28.2
1997	199	28.6
1998	169	29.7
1999	155	27.9
2000	187	28.2
2001	172	28.4
2002	206	29.1
2003	162	29.1
2004	197	28.9
2005	207	29.1
2006	196	29.3
2007	206	28.7
2008	186	27.6
2009	200	29.9
2010	164	28.5
2011	183	27.9
2012	196	28.4
2013	219	28.5
2014	197	30.2
2015	187	28.8
2016	195	29.5
2017	195	29.3
2018	206	30.1
2019	231	30.9
2020	201	28.9
2021	173	27.9
2022	165	27.7
50/50	No AWS	
1910-1965	186.0	28.9
1966-2022	186.0	28.9



50th 22.0	Annual # days above 50th percentile	Annual average C in days above 50th percentile
1910	163	29.2
1911	172	28.4
1912	173	29.6
1913	161	29.8
1914	185	30.5
1915	143	29.6
1916	151	29.3
1917	145	28.9
1918	150	29.0
1919	168	30.2
1920	148	29.7
1921	178	29.3
1922	151	29.9
1923	184	29.4
1924	146	28.1
1925	160	28.8
1926	167	29.5
1927	178	29.3
1928	166	29.0
1929	161	28.4
1930	178	29.5
1931	146	28.8
1932	143	29.4
1933	134	29.0
1934	145	29.3
1935	146	28.9
1936	155	29.1
1937	170	28.7
1938	177	29.3
1939	122	30.8
1940	149	30.1
1941	155	28.7
1942	162	29.5
1943	136	29.9
1944	153	29.7
1945	146	28.9
1946	136	28.7
1947	159	28.5
1948	155	28.9
1949	146	28.1
1950	168	28.7
1951	151	29.9
1952	145	29.0
1953	160	29.0
1954	153	28.8
1955	147	28.1
1956	122	29.2
1957	155	28.7
1958	140	28.6
1959	149	29.1
1960	0	
1961	0	
1962	180	28.8
1963	182	28.9
1964	155	28.5
1965	174	29.3
1966	156	29.1
1967	195	28.7
1968	174	30.1
1969	176	28.8
1970	125	29.8
1971	173	28.7
1972	211	27.8
1973	165	28.4
1974	158	28.6
1975	176	28.5
1976	169	29.0
1977	180	29.3
1978	174	28.9
1979	174	29.6
1980	182	29.4
1981	191	29.4
1982	196	29.6
1983	149	30.6
1984	177	28.0
1985	183	28.6
1986	159	28.7
1987	170	28.8
1988	193	29.0
1989	176	29.1
1990	193	29.4
1991	179	29.4
1992	162	28.1
1993	173	28.5
1994	190	28.9
1995	173	28.5
1996	169	28.1
1997	183	30.0
1998	30	31.9
1999	83	26.5
2000	182	29.5
2001	180	29.5
2002	211	28.9
2003	180	29.8
2004	194	29.1
2005	197	28.5
2006	199	30.0
2007	210	29.9
2008	191	29.3
2009	199	30.6
2010	178	29.5
2011	196	28.2
2012	191	29.1
2013	207	29.8
2014	216	30.1
2015	204	30.3
2016	188	30.1
2017	193	30.6
2018	208	30.3
2019	190	31.5
2020	181	29.4
2021	187	28.8
2022	167	29.2
50/50	No AWS / small screen unkno	
1910-1965	150.8	29.2
1966-2022	178.4	29.3

