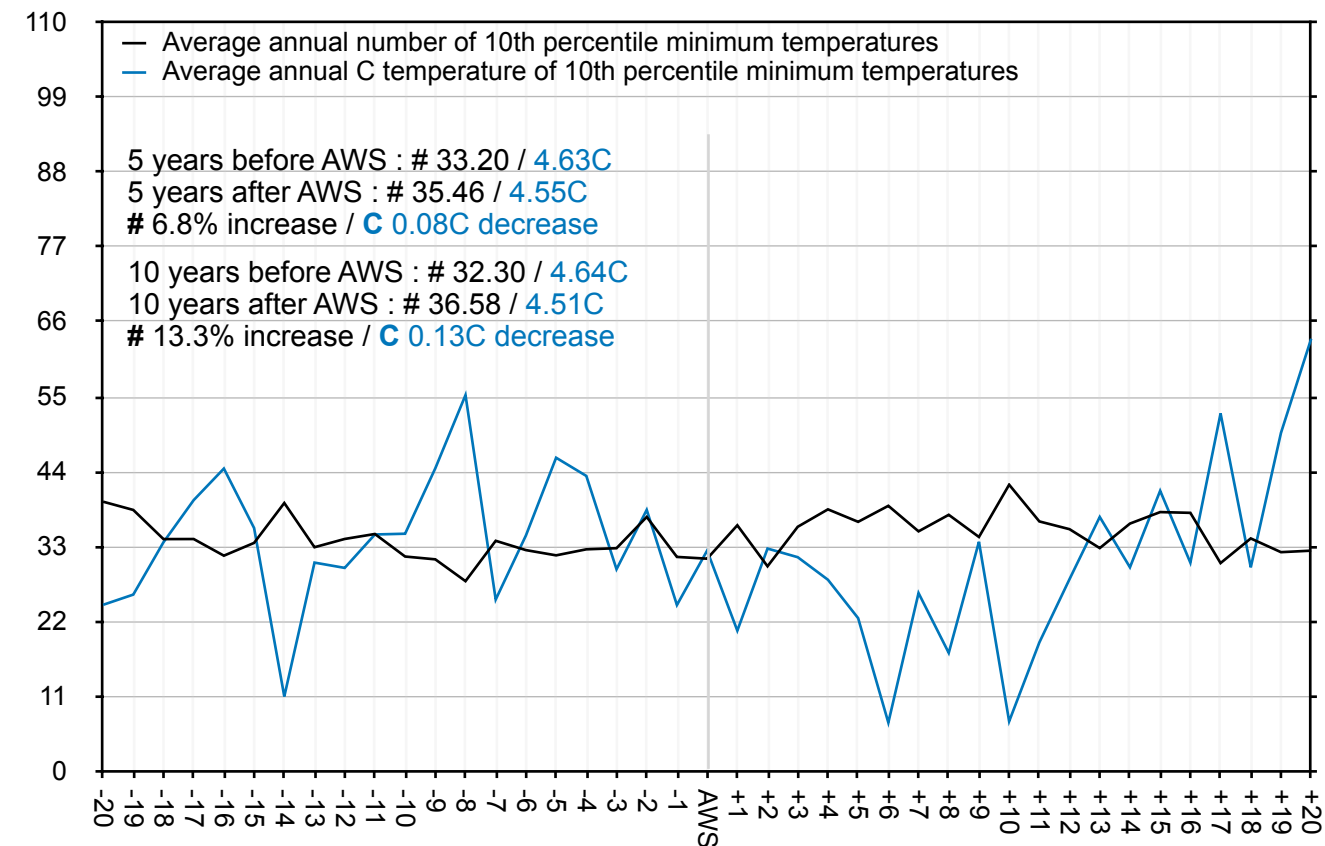


Year	# 10th	C 10th	# 5th	C 5th	# 1st	C 1st	Year	# 10th	C 10th	# 5th	C 5th	# 1st	C 1st
-20	39.61	4.52	19.75	3.41	4.59	1.71	-20	33.78	4.62	16.45	3.54	3.24	1.63
-19	38.39	4.54	19.60	3.50	3.94	2.05	-19	33.48	4.62	16.28	3.55	3.17	1.64
-18	34.12	4.61	16.32	3.52	2.90	2.10	-18	33.21	4.63	16.10	3.55	3.13	1.63
-17	34.13	4.66	16.05	3.60	2.94	1.82	-17	33.16	4.63	16.08	3.55	3.14	1.64
-16	31.68	4.70	14.92	3.60	2.31	1.81	-16	33.10	4.62	16.09	3.55	3.16	1.64
-15	33.56	4.62	16.10	3.55	3.11	1.48	-15	33.19	4.62	16.16	3.54	3.21	1.64
-14	39.41	4.40	21.20	3.37	5.18	1.56	-14	33.17	4.62	16.17	3.54	3.22	1.64
-13	32.92	4.58	16.02	3.43	3.82	1.77	-13	32.69	4.64	15.78	3.55	3.07	1.65
-12	34.13	4.57	16.28	3.47	3.41	1.79	-12	32.67	4.64	15.76	3.56	3.01	1.66
-11	34.87	4.62	16.74	3.50	2.97	1.85	-11	32.53	4.65	15.72	3.57	2.97	1.66
-10	31.56	4.62	15.35	3.54	2.81	1.60	-10	32.30	4.65	15.61	3.58	2.97	1.67
-9	31.14	4.70	15.07	3.72	2.23	0.97	-9	32.38	4.65	15.64	3.58	2.99	1.69
-8	27.94	4.80	12.42	3.39	2.02	0.76	-8	32.54	4.65	15.72	3.56	3.08	1.68
-7	33.87	4.53	16.93	3.46	3.50	1.83	-7	33.19	4.62	16.19	3.55	3.23	1.68
-6	32.50	4.61	15.89	3.54	3.44	1.76	-6	33.08	4.64	16.06	3.56	3.19	1.70
-5	31.73	4.72	14.90	3.61	2.66	1.75	-5	33.20	4.64	16.09	3.57	3.14	1.71
-4	32.62	4.69	15.60	3.57	2.83	1.80	-4	33.56	4.54	16.39	3.47	3.26	1.69
-3	32.78	4.57	16.18	3.52	3.26	1.92	-3	33.88	4.53	16.66	3.46	3.40	1.67
-2	37.37	4.65	18.46	3.59	3.68	1.47	-2	34.43	4.52	16.89	3.43	3.48	1.67
-1	31.50	4.52	15.33	3.38	3.28	1.59	-1	31.50	4.52	15.33	3.38	3.28	1.61
AWS	31.24	4.59	15.30	3.46	3.01	1.76	AWS	31.24	4.59	15.30	3.42	3.01	1.87
+1	36.14	4.49	18.97	3.44	4.38	1.72	+1	36.14	4.49	18.97	3.27	4.38	1.74
+2	30.13	4.60	14.60	3.48	2.57	1.59	+2	33.13	4.54	16.78	3.46	3.47	1.70
+3	35.92	4.59	17.82	3.51	3.11	2.16	+3	34.06	4.56	17.13	3.49	3.35	1.69
+4	38.48	4.56	19.67	3.51	3.97	1.90	+4	35.17	4.56	17.76	3.49	3.51	1.67
+5	36.65	4.50	18.74	3.50	3.62	1.87	+5	35.53	4.51	18.01	3.46	3.54	1.57
+6	39.00	4.37	21.30	3.32	5.02	1.60	+6	36.11	4.49	18.56	3.44	3.79	1.56
+7	35.25	4.54	17.05	3.41	3.63	1.47	+7	35.98	4.49	18.34	3.43	3.76	1.55
+8	37.68	4.46	19.64	3.40	4.14	1.78	+8	36.20	4.49	18.51	3.43	3.81	1.56
+9	34.43	4.61	16.79	3.41	3.02	0.96	+9	36.00	4.50	18.31	3.44	3.72	1.56
+10	42.10	4.37	22.87	3.38	5.22	1.38	+10	36.61	4.49	18.77	3.43	3.87	1.57
+11	36.71	4.47	18.41	3.42	3.65	1.72	+11	36.62	4.49	18.74	3.43	3.85	1.56
+12	35.57	4.56	18.33	3.51	3.39	1.47	+12	36.37	4.49	18.59	3.43	3.77	1.56
+13	32.79	4.64	15.74	3.58	2.59	1.45	+13	36.10	4.50	18.37	3.45	3.68	1.57
+14	36.39	4.57	18.00	3.07	3.78	1.06	+14	36.12	4.50	18.35	3.45	3.68	1.57
+15	38.08	4.67	18.93	3.63	3.59	1.95	+15	36.23	4.66	18.38	3.61	3.69	1.74
+16	37.97	4.58	19.84	3.56	4.26	1.43	+16	36.44	4.63	18.55	3.57	3.76	1.70
+17	30.60	4.78	14.96	3.67	2.73	2.05	+17	36.10	4.63	18.34	3.58	3.70	1.71
+18	34.21	4.57	17.55	3.52	3.77	1.86	+18	35.99	4.63	18.30	3.57	3.70	1.72
+19	32.20	4.75	16.10	3.69	3.36	2.16	+19	35.75	4.71	18.17	3.66	3.68	1.81
+20	32.42	4.88	15.96	3.81	3.23	1.55	+20	35.74	4.77	18.19	3.72	3.73	1.88

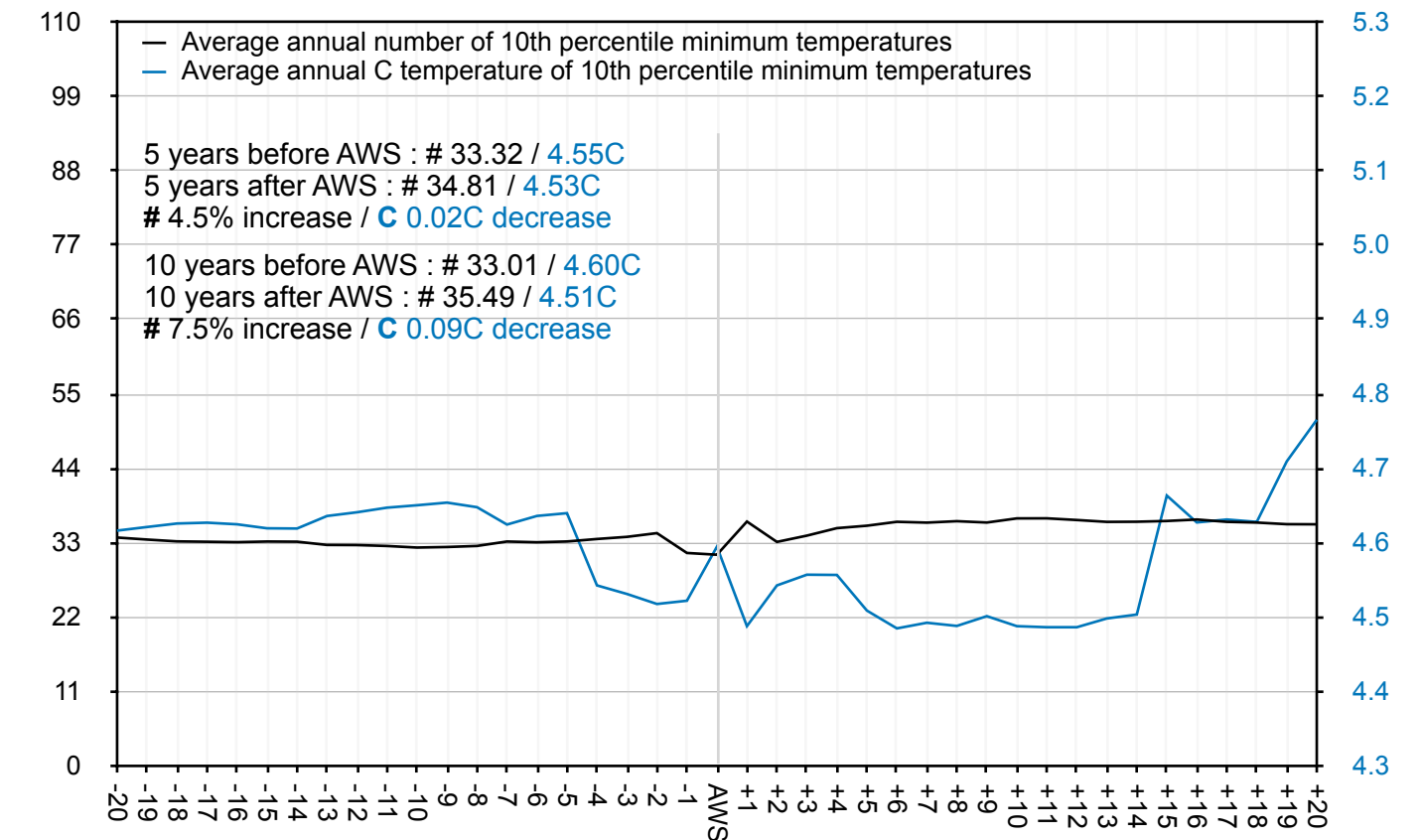
Above are annual averages

Above are cumulative averages before and after AWS

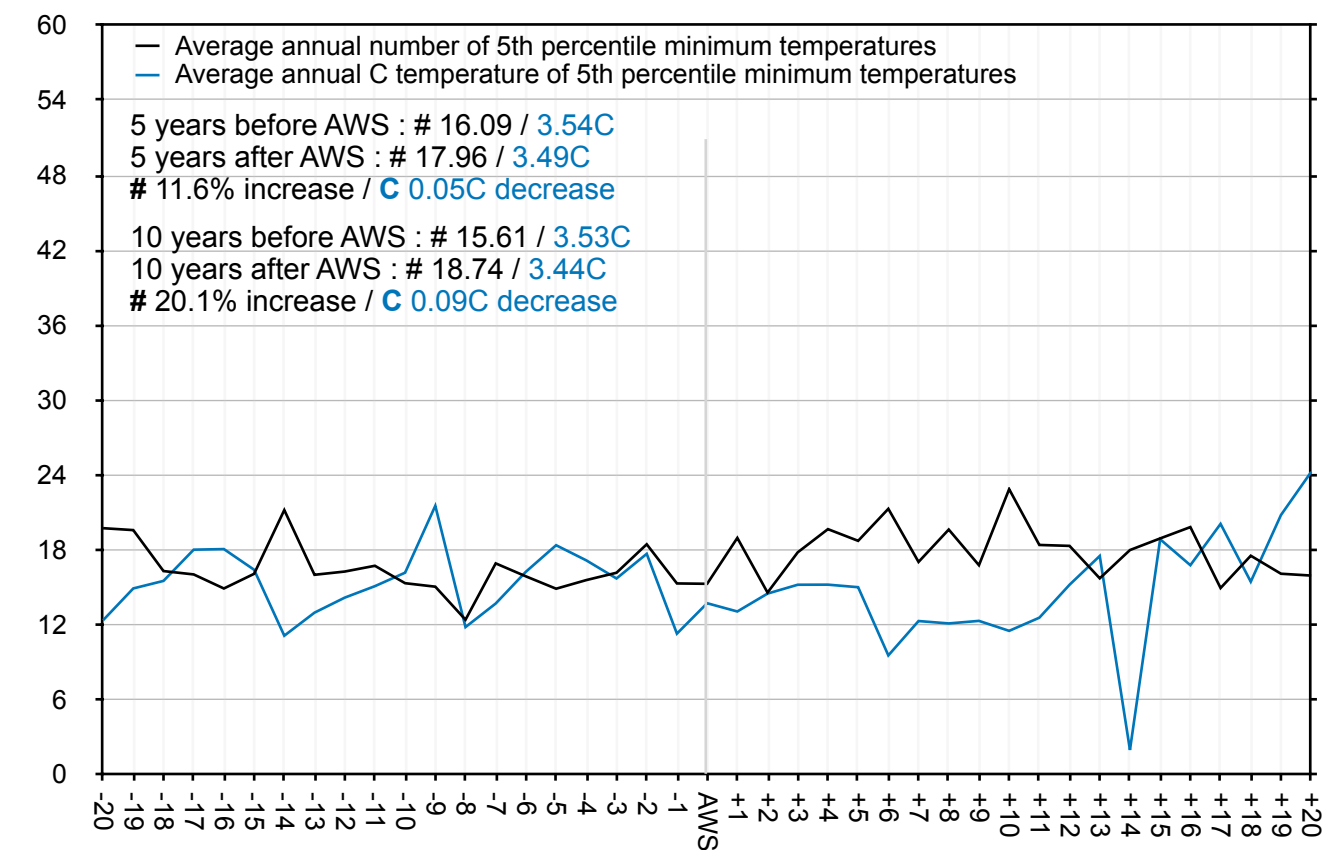
Average annual number and temperature of days within 10th percentile of RAW minima 20 years before and after AWS at 104 ACORN stations



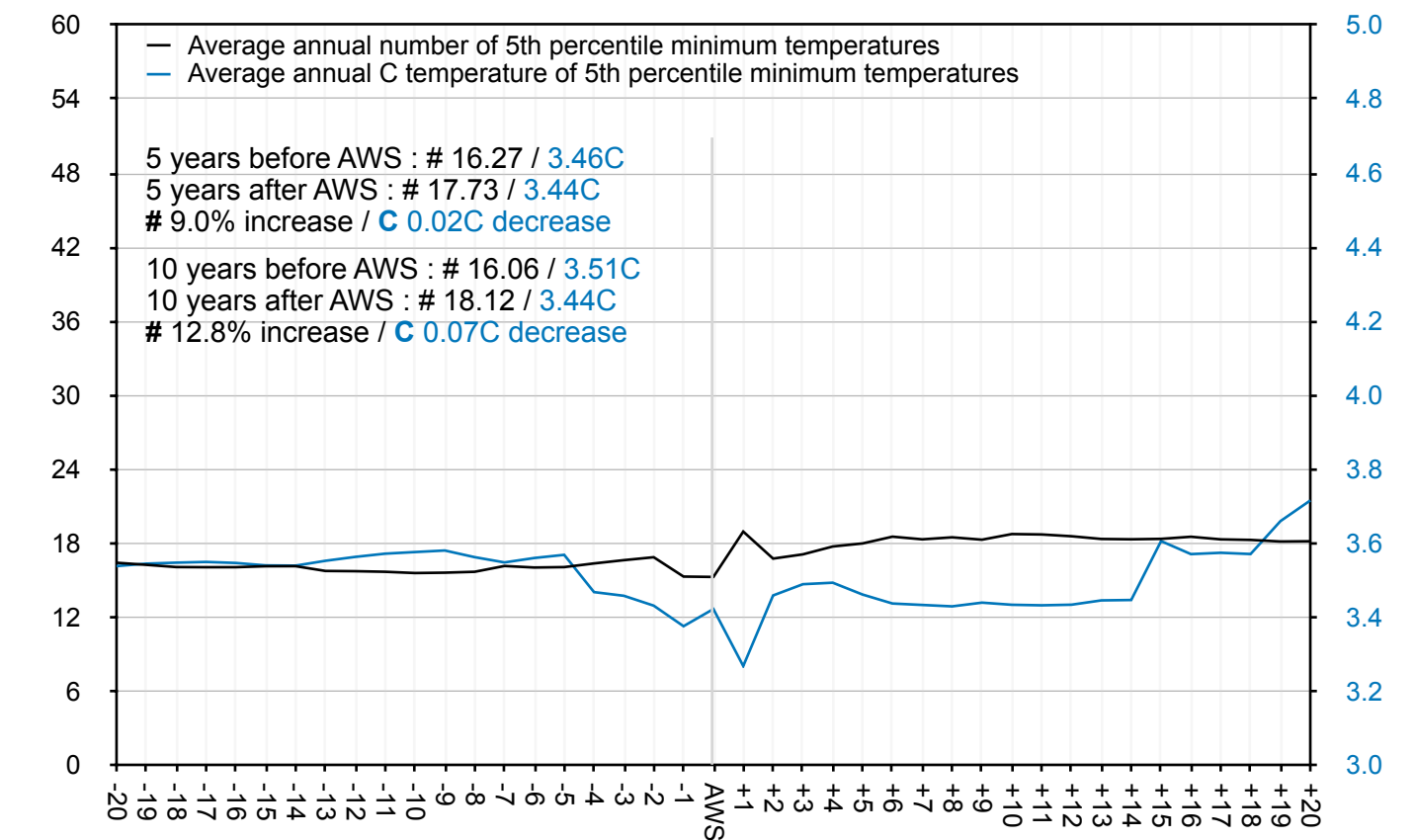
Cumulative average number and temperature of days within 10th percentile of RAW minima 20 years before and after AWS at 104 ACORN stations



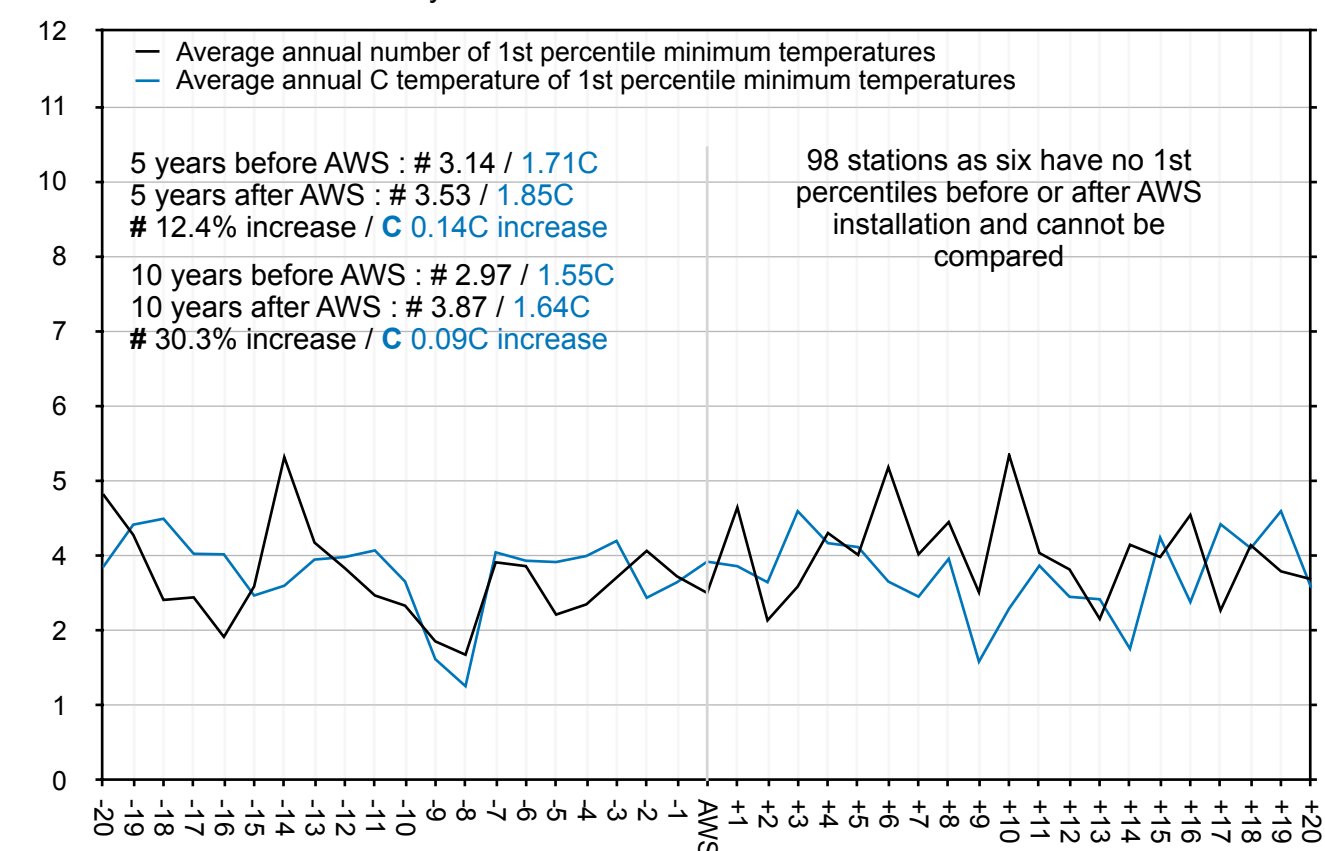
Average annual number and temperature of days within 5th percentile of RAW minima 20 years before and after AWS at 104 ACORN stations



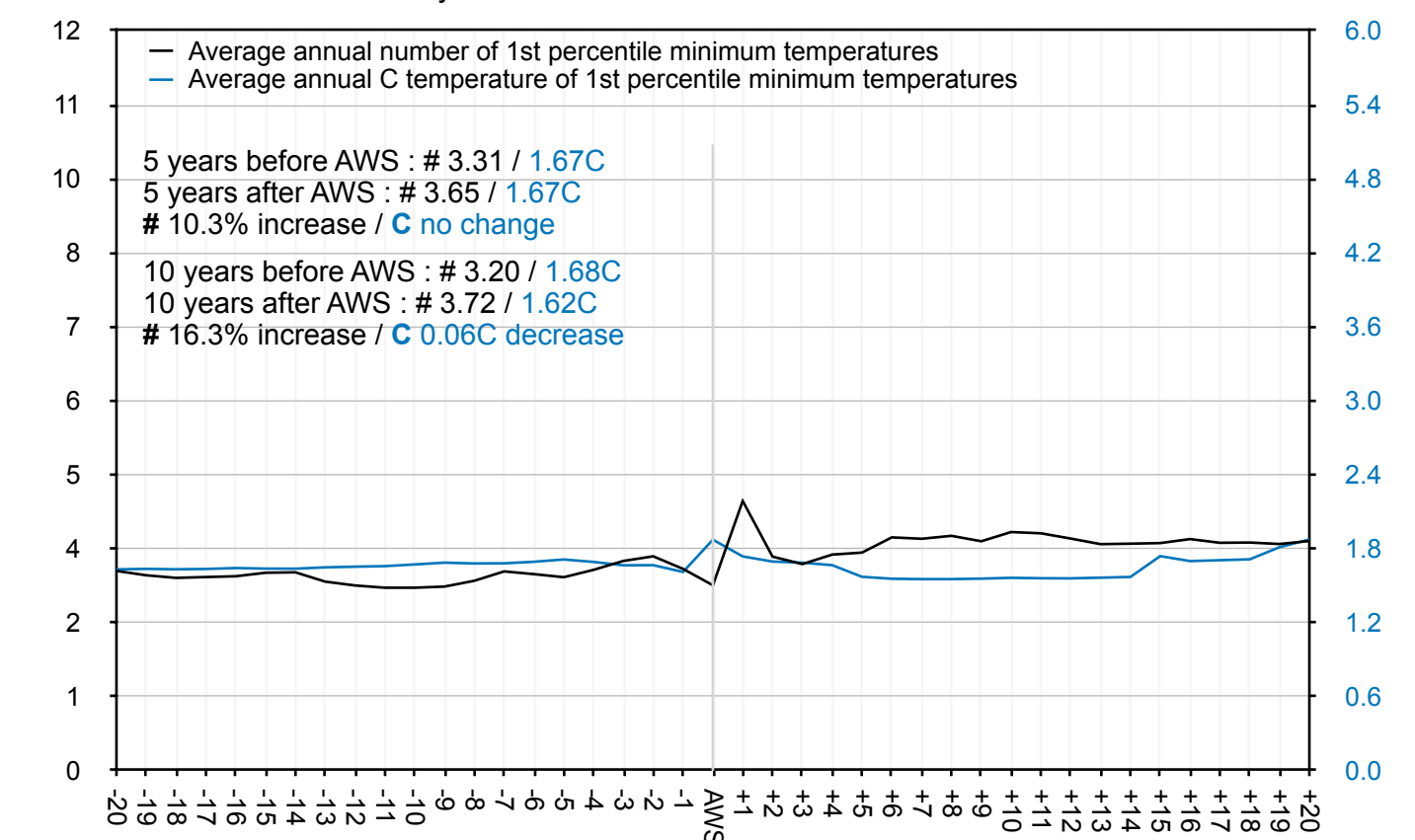
Cumulative average number and temperature of days within 5th percentile of RAW minima 20 years before and after AWS at 104 ACORN stations



Average annual number and temperature of days within 1st percentile of RAW minima 20 years before and after AWS at 98 ACORN stations

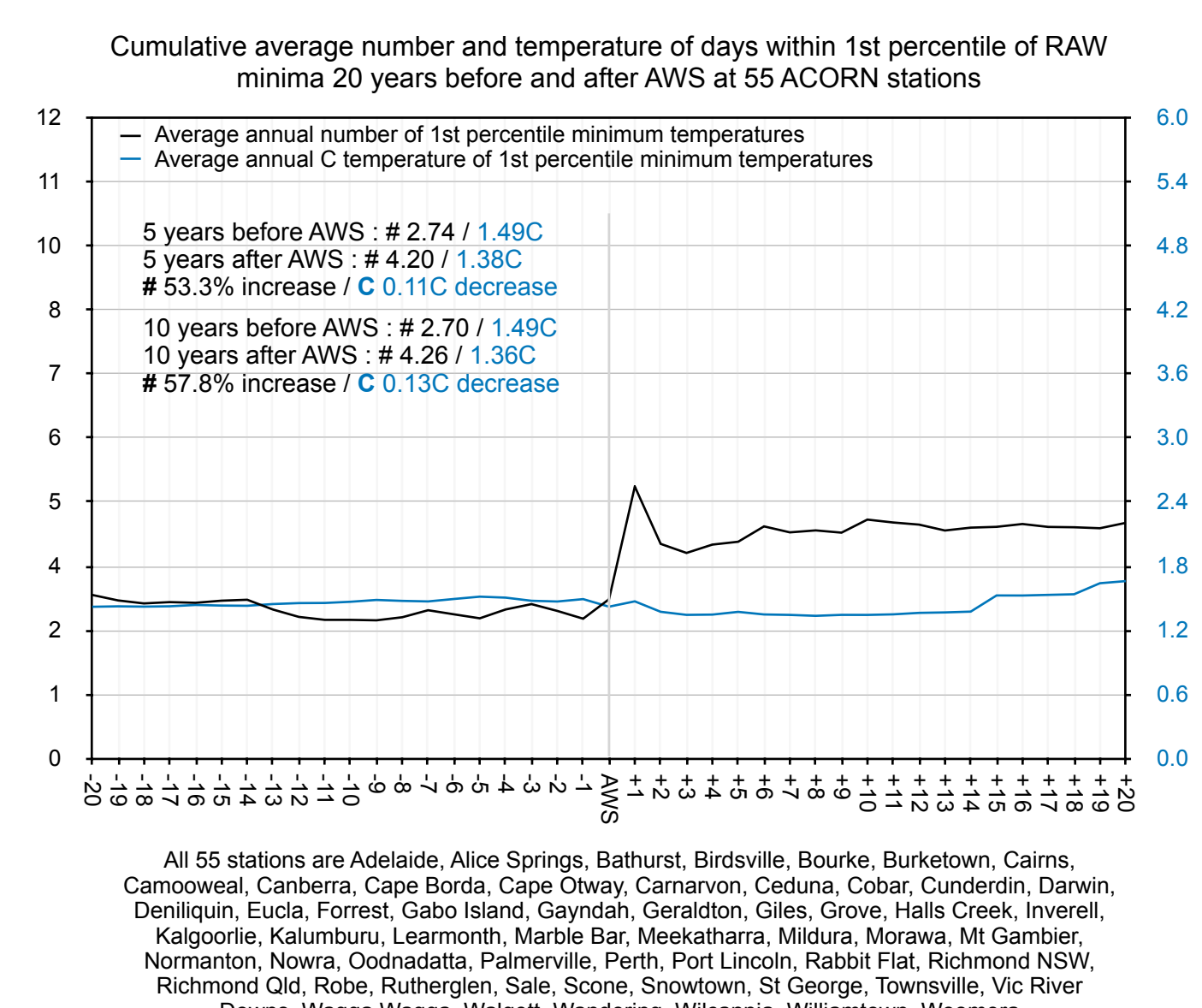
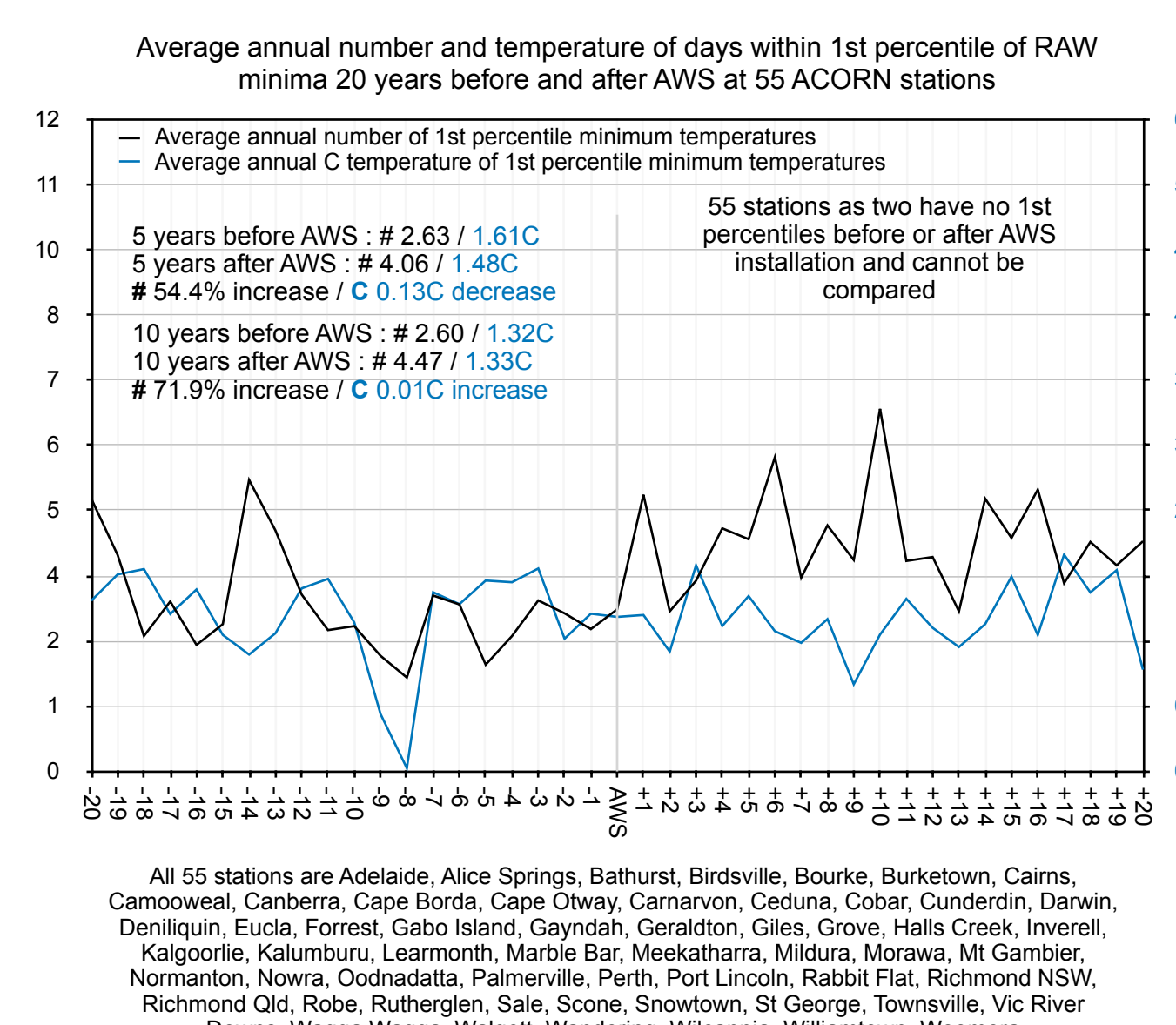
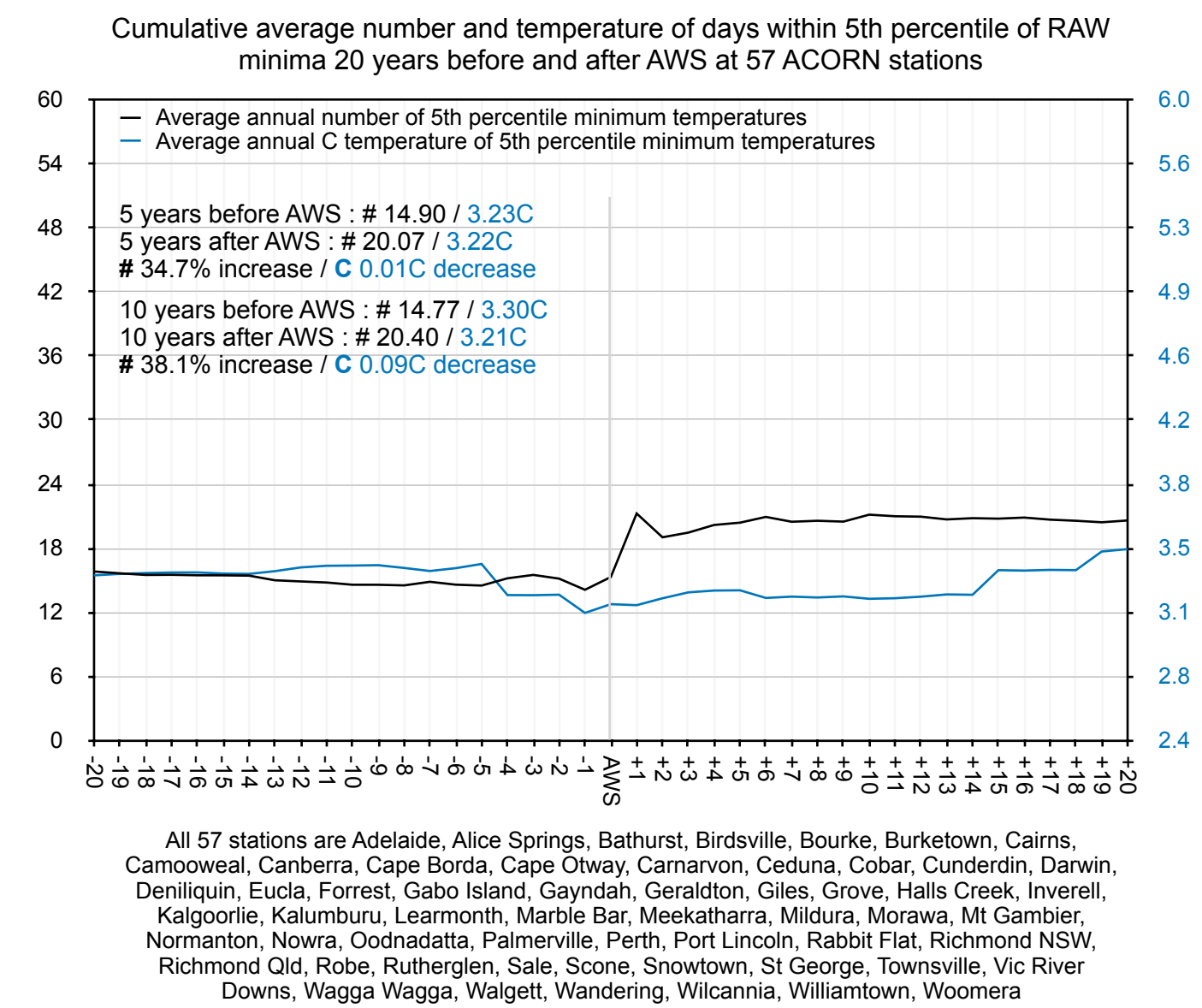
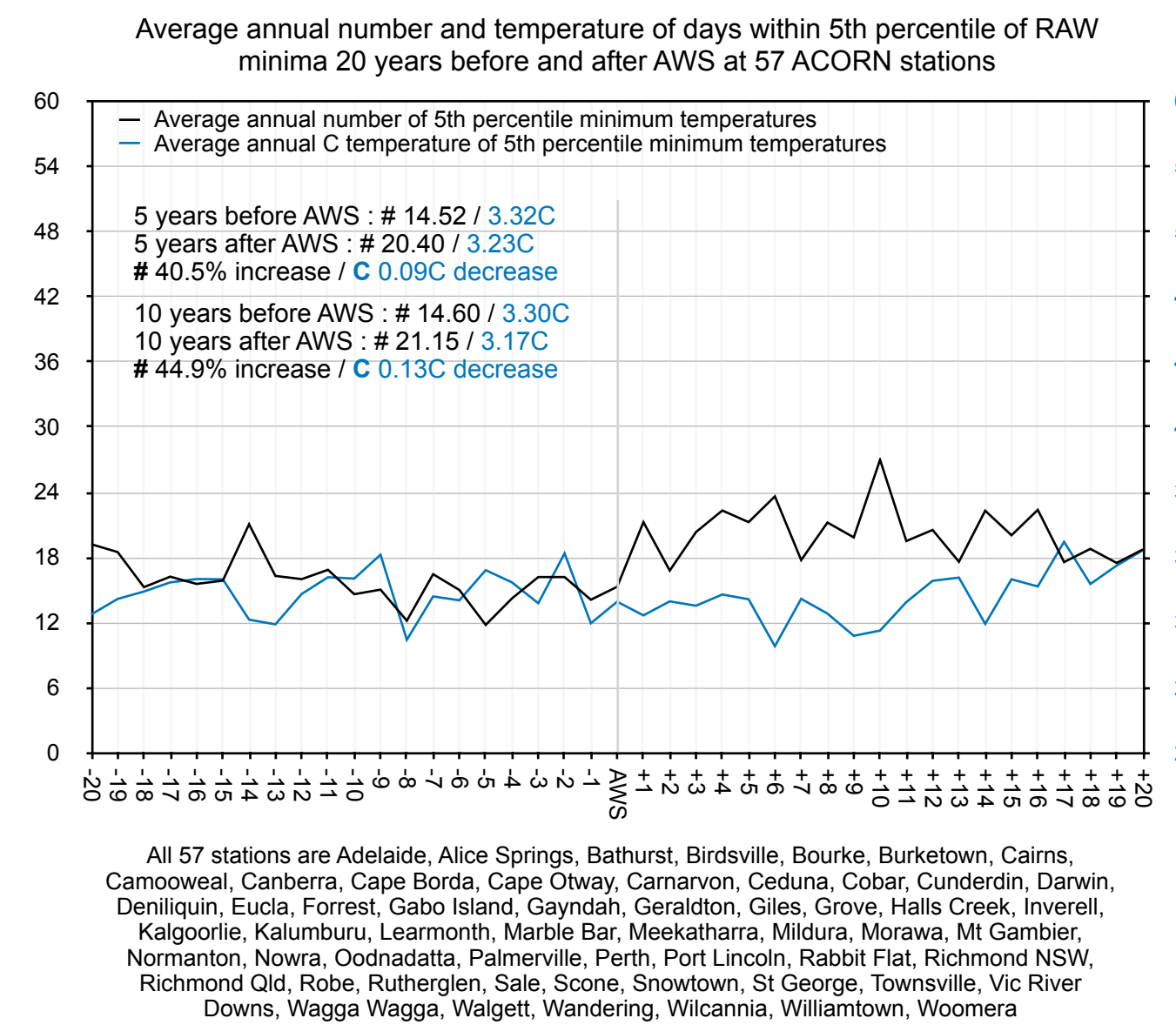
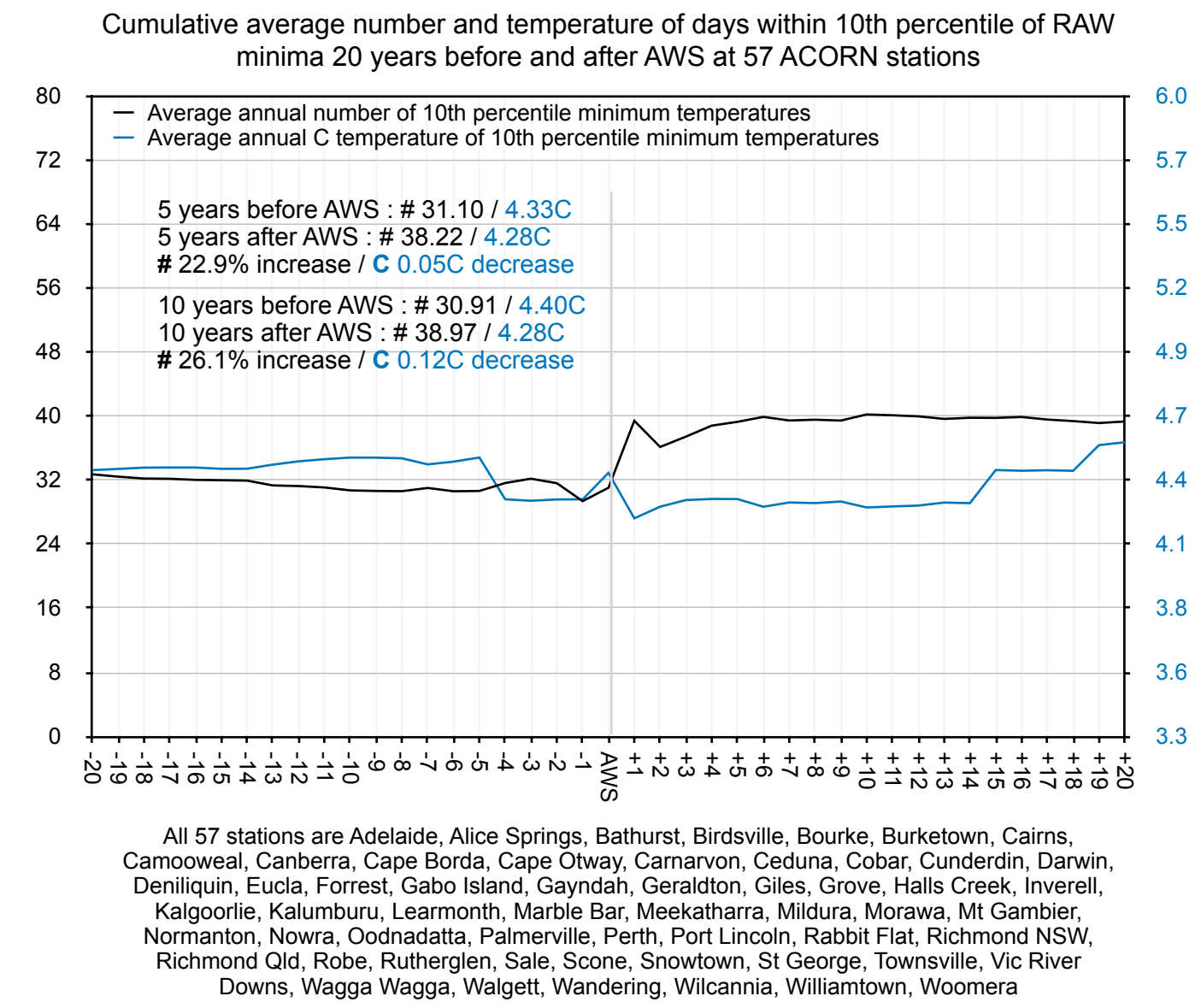
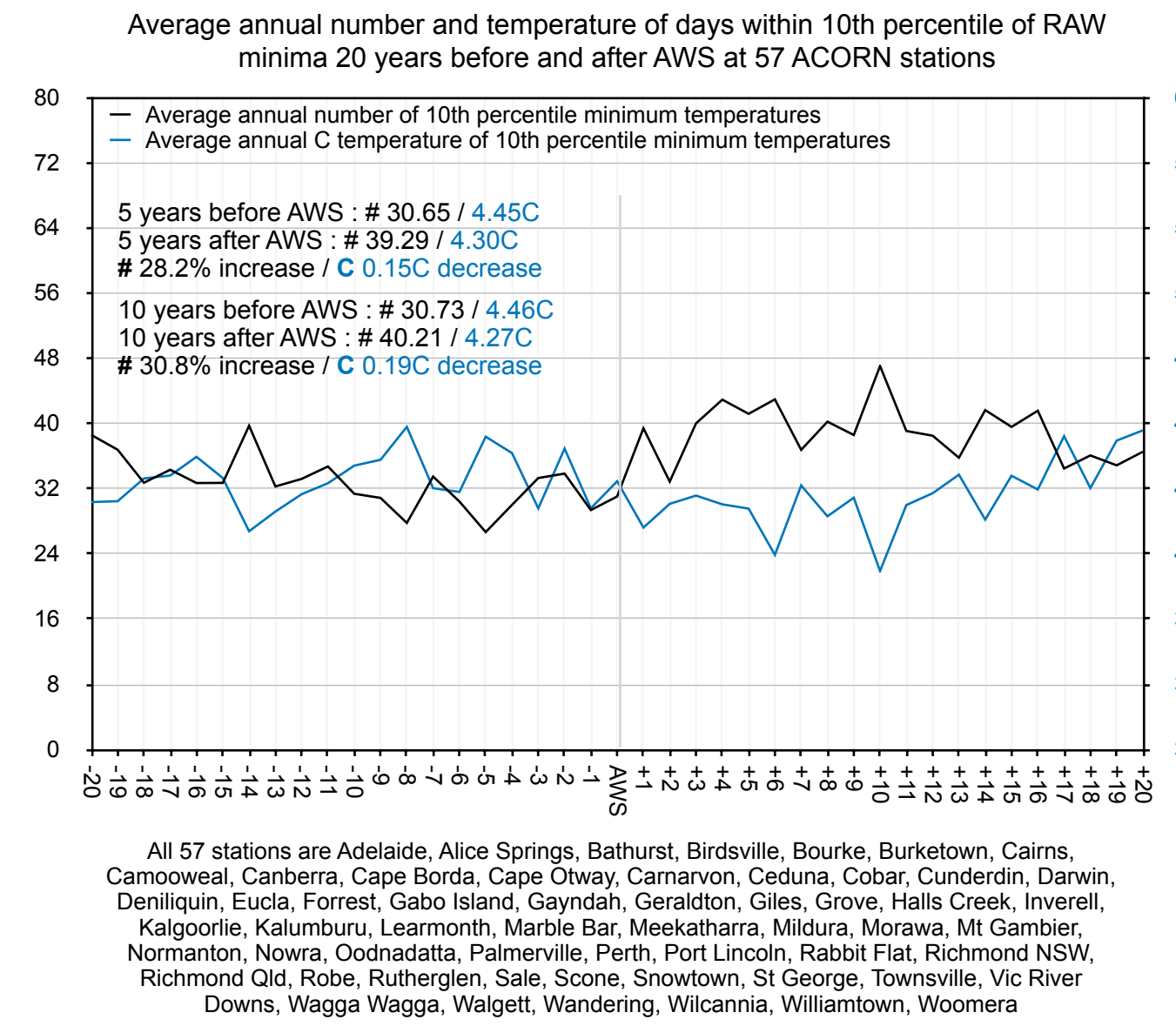


Cumulative average number and temperature of days within 1st percentile of RAW minima 20 years before and after AWS at 98 ACORN stations





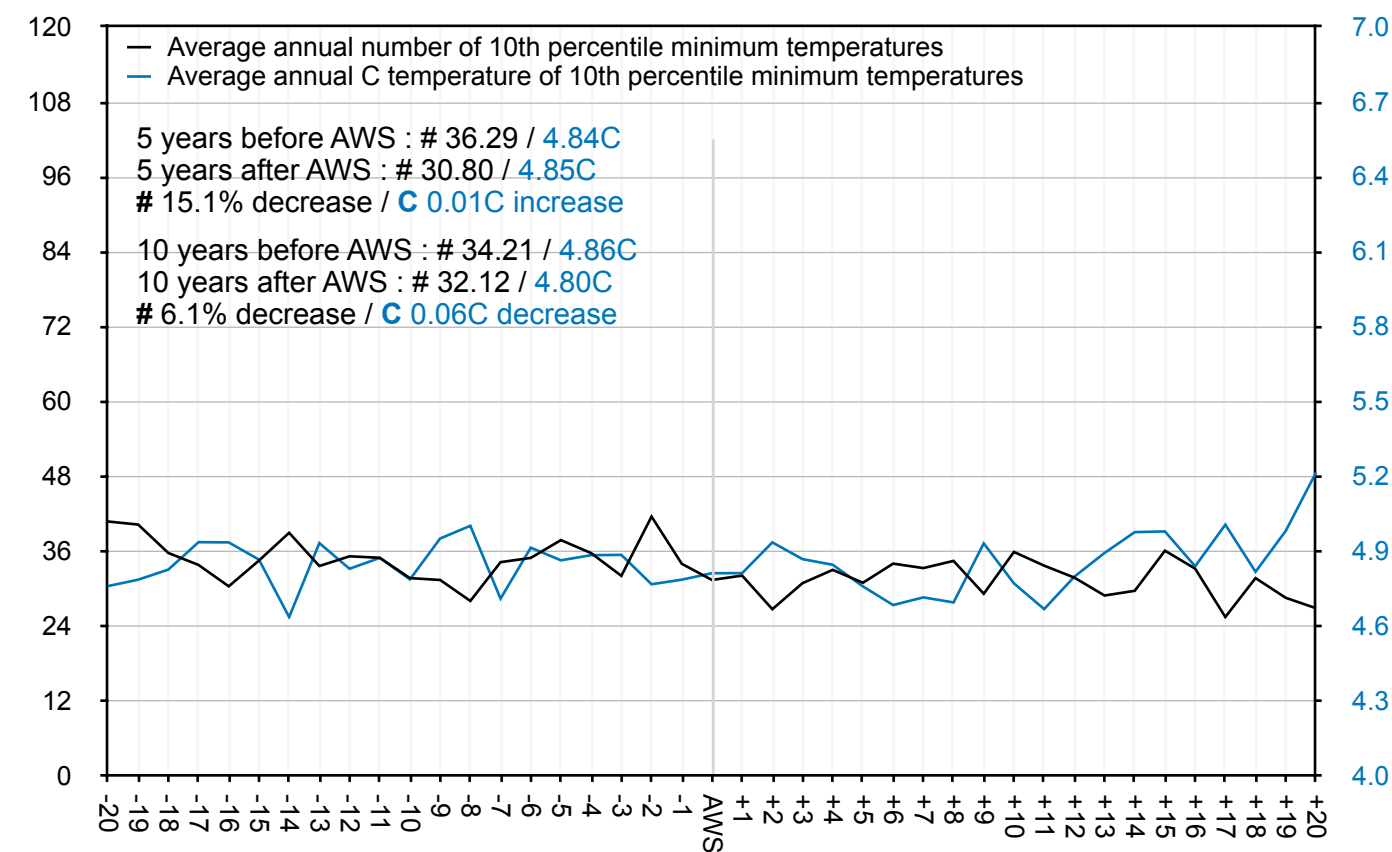
Year	# 10th	C 10th	# 5th	C 5th	# 1st	C 1st	Years	# 10th	C 10th	# 5th	C 5th	# 1st	C 1st
-20	38.60	4.32	19.23	3.17	5.02	1.57	-20	32.74	4.42	15.83	3.33	3.06	1.42
-19	36.79	4.33	18.51	3.25	3.98	1.81	-19	32.44	4.43	15.67	3.34	2.96	1.42
-18	32.74	4.42	15.28	3.29	2.49	1.86	-18	32.21	4.43	15.51	3.34	2.90	1.42
-17	34.33	4.43	16.25	3.34	3.13	1.45	-17	32.18	4.43	15.53	3.34	2.93	1.43
-16	32.70	4.51	15.58	3.36	2.33	1.67	-16	32.04	4.43	15.48	3.34	2.92	1.44
-15	32.72	4.42	15.88	3.36	2.71	1.26	-15	32.00	4.43	15.47	3.34	2.96	1.43
-14	39.74	4.20	21.07	3.14	5.36	1.08	-14	31.94	4.43	15.45	3.34	2.97	1.43
-13	32.28	4.29	16.32	3.11	4.44	1.27	-13	31.35	4.45	15.01	3.35	2.79	1.45
-12	33.21	4.36	16.02	3.28	3.25	1.68	-12	31.27	4.46	14.90	3.37	2.65	1.46
-11	34.74	4.40	16.88	3.37	2.60	1.77	-11	31.09	4.47	14.80	3.38	2.60	1.46
-10	31.39	4.48	14.63	3.36	2.67	1.37	-10	30.73	4.48	14.60	3.38	2.60	1.47
-9	30.88	4.50	15.05	3.50	2.13	0.53	-9	30.65	4.47	14.59	3.39	2.59	1.48
-8	27.81	4.64	12.19	3.03	1.73	0.03	-8	30.63	4.47	14.54	3.37	2.65	1.48
-7	33.49	4.38	16.47	3.27	3.24	1.65	-7	31.03	4.45	14.87	3.35	2.78	1.47
-6	30.44	4.37	15.02	3.24	3.07	1.54	-6	30.62	4.46	14.60	3.37	2.70	1.49
-5	26.68	4.60	11.81	3.41	1.96	1.76	-5	30.65	4.48	14.52	3.39	2.63	1.52
-4	30.02	4.53	14.25	3.34	2.49	1.74	-4	31.64	4.30	15.20	3.22	2.79	1.51
-3	33.32	4.30	16.21	3.23	3.15	1.87	-3	32.19	4.29	15.51	3.22	2.89	1.48
-2	33.86	4.55	16.21	3.50	2.91	1.22	-2	31.62	4.30	15.17	3.22	2.76	1.47
-1	29.39	4.30	14.12	3.12	2.62	1.45	-1	29.39	4.30	14.12	3.12	2.62	1.49
<b>AWS</b>	31.05	4.41	15.32	3.24	2.98	1.42	<b>AWS</b>	31.05	4.41	15.32	3.17	2.98	1.42
+1	39.42	4.22	21.26	3.16	5.09	1.44	+1	39.42	4.22	21.26	3.16	5.09	1.47
+2	32.88	4.32	16.81	3.24	2.95	1.10	+2	36.15	4.27	19.04	3.20	4.02	1.37
+3	40.02	4.35	20.35	3.21	3.51	1.90	+3	37.44	4.30	19.47	3.23	3.85	1.34
+4	42.93	4.32	22.33	3.28	4.47	1.34	+4	38.81	4.30	20.19	3.24	4.00	1.35
+5	41.19	4.30	21.26	3.25	4.27	1.61	+5	39.29	4.30	20.40	3.24	4.06	1.37
+6	42.96	4.11	23.63	2.99	5.78	1.29	+6	39.90	4.27	20.94	3.20	4.35	1.35
+7	36.77	4.39	17.77	3.25	3.56	1.18	+7	39.45	4.29	20.49	3.21	4.23	1.34
+8	40.23	4.27	21.23	3.17	4.53	1.40	+8	39.55	4.28	20.58	3.20	4.27	1.34
+9	38.60	4.34	19.86	3.05	3.89	0.80	+9	39.44	4.29	20.50	3.21	4.23	1.34
+10	47.05	4.04	27.00	3.08	6.67	1.26	+10	40.21	4.27	21.15	3.20	4.47	1.34
+11	39.09	4.31	19.53	3.23	3.87	1.59	+11	40.10	4.27	21.00	3.20	4.42	1.35
+12	38.51	4.36	20.54	3.35	3.95	1.32	+12	39.97	4.27	20.96	3.21	4.38	1.36
+13	35.81	4.44	17.61	3.37	2.95	1.14	+13	39.65	4.29	20.71	3.22	4.27	1.37
+14	41.65	4.25	22.32	3.11	5.02	1.36	+14	39.79	4.28	20.82	3.22	4.32	1.38
+15	39.59	4.43	20.05	3.36	4.30	1.79	+15	39.78	4.42	20.78	3.36	4.34	1.53
+16	41.57	4.38	22.39	3.32	5.19	1.26	+16	39.89	4.42	20.88	3.36	4.39	1.53
+17	34.48	4.60	17.59	3.57	3.46	1.99	+17	39.57	4.42	20.69	3.36	4.34	1.53
+18	36.09	4.38	18.80	3.33	4.22	1.65	+18	39.38	4.42	20.58	3.36	4.33	1.54
+19	34.87	4.58	17.51	3.44	3.79	1.85	+19	39.14	4.53	20.44	3.46	4.31	1.64
+20	36.55	4.62	18.75	3.52	4.24	0.94	+20	39.33	4.54	20.61	3.48	4.41	1.66





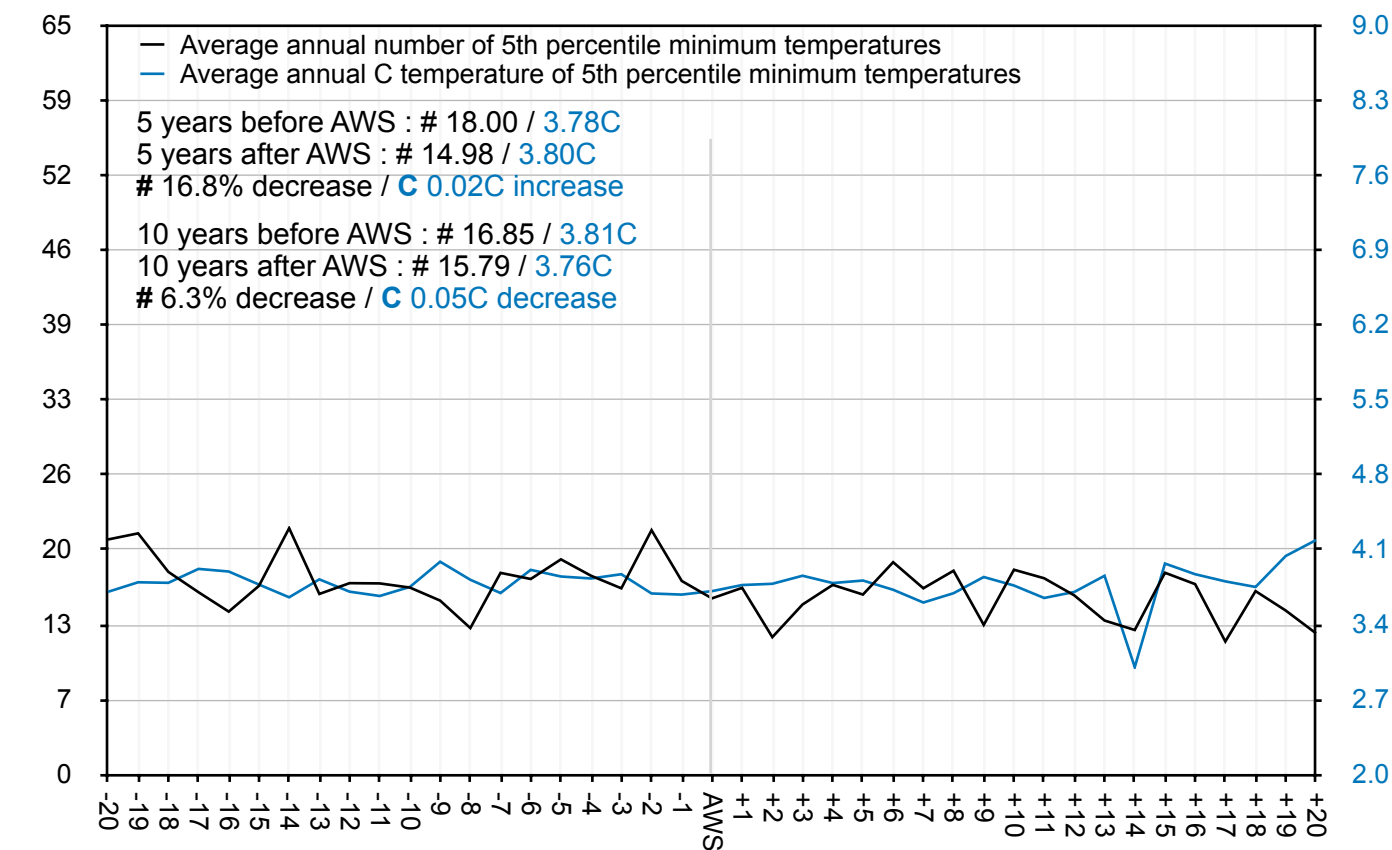
Year	# 10th	C 10th	# 5th	C 5th	# 1st	C 1st	Years	# 10th	C 10th	# 5th	C 5th	# 1st	C 1st
-20	40.83	4.76	20.38	3.71	4.05	1.89	-20	35.05	4.85	17.19	3.79	3.47	1.91
-19	40.34	4.79	20.91	3.80	3.88	2.37	-19	34.74	4.86	17.02	3.80	3.44	1.91
-18	35.79	4.83	17.57	3.79	3.42	2.42	-18	34.43	4.86	16.81	3.80	3.42	1.91
-17	33.87	4.94	15.81	3.92	2.70	2.21	-17	34.35	4.86	16.76	3.80	3.42	1.91
-16	30.45	4.94	14.13	3.90	2.28	1.98	-16	34.38	4.86	16.82	3.79	3.46	1.91
-15	34.57	4.87	16.36	3.77	3.63	1.73	-15	34.64	4.85	17.00	3.79	3.54	1.91
-14	39.02	4.64	21.36	3.66	4.95	2.13	-14	34.65	4.85	17.05	3.79	3.54	1.91
-13	33.70	4.93	15.66	3.82	3.02	2.47	-13	34.31	4.87	16.72	3.80	3.43	1.91
-12	35.26	4.83	16.60	3.71	3.60	1.92	-12	34.36	4.86	16.80	3.80	3.46	1.91
-11	35.02	4.88	16.57	3.67	3.44	1.93	-11	34.28	4.86	16.82	3.80	3.45	1.92
-10	31.77	4.79	16.21	3.75	2.98	1.82	-10	34.21	4.86	16.85	3.81	3.45	1.94
-9	31.47	4.95	15.09	3.99	2.37	1.52	-9	34.48	4.87	16.92	3.82	3.50	1.95
-8	28.11	5.00	12.70	3.82	2.40	1.51	-8	34.86	4.86	17.15	3.80	3.64	1.95
-7	34.32	4.71	17.49	3.69	3.84	2.07	-7	35.82	4.84	17.78	3.79	3.82	1.95
-6	35.00	4.92	16.96	3.91	3.91	2.03	-6	36.07	4.85	17.83	3.79	3.82	1.95
-5	37.85	4.87	18.66	3.85	3.56	1.75	-5	36.29	4.84	18.00	3.78	3.80	1.97
-4	35.77	4.89	17.23	3.83	3.26	1.88	-4	35.89	4.83	17.84	3.77	3.86	1.93
-3	32.13	4.89	16.15	3.87	3.40	1.99	-3	35.94	4.81	18.04	3.75	4.06	1.90
-2	41.62	4.77	21.19	3.69	4.67	1.72	-2	37.84	4.78	18.99	3.69	4.40	1.90
-1	34.06	4.79	16.79	3.68	4.12	1.74	-1	34.06	4.79	16.79	3.68	4.12	1.74
<b>AWS</b>	<b>31.47</b>	<b>4.81</b>	<b>15.28</b>	<b>3.71</b>	<b>3.05</b>	<b>2.13</b>	<b>AWS</b>	<b>31.47</b>	<b>4.81</b>	<b>15.28</b>	<b>3.71</b>	<b>3.05</b>	<b>2.41</b>
+1	32.17	4.81	16.19	3.77	3.47	2.09	+1	32.17	4.81	16.19	3.40	3.47	2.09
+2	26.79	4.94	11.91	3.78	2.09	2.24	+2	29.48	4.88	14.05	3.78	2.78	2.13
+3	30.96	4.87	14.74	3.86	2.60	2.62	+3	29.97	4.87	14.28	3.80	2.72	2.14
+4	33.09	4.85	16.45	3.79	3.33	2.75	+4	30.75	4.87	14.82	3.80	2.87	2.09
+5	31.02	4.76	15.61	3.81	2.76	2.33	+5	30.87	4.77	15.05	3.73	2.86	1.84
+6	34.09	4.69	18.41	3.73	4.02	2.09	+6	31.41	4.75	15.61	3.73	3.06	1.83
+7	33.37	4.72	16.15	3.61	3.71	1.85	+7	31.69	4.75	15.69	3.71	3.15	1.83
+8	34.52	4.70	17.67	3.69	3.64	2.33	+8	32.04	4.74	15.93	3.71	3.21	1.84
+9	29.26	4.93	12.98	3.84	1.88	1.24	+9	31.73	4.76	15.61	3.73	3.06	1.84
+10	35.96	4.77	17.76	3.77	3.31	1.58	+10	32.15	4.76	15.82	3.73	3.09	1.85
+11	33.76	4.67	17.02	3.65	3.36	1.93	+11	32.30	4.76	15.93	3.72	3.11	1.84
+12	31.84	4.80	15.53	3.71	2.63	1.69	+12	31.81	4.76	15.59	3.72	2.95	1.83
+13	28.98	4.89	13.36	3.86	2.12	1.93	+13	31.59	4.77	15.42	3.73	2.88	1.83
+14	29.73	4.98	12.53	3.00	2.12	0.48	+14	31.46	4.78	15.21	3.74	2.83	1.84
+15	36.16	4.98	17.50	3.97	2.63	2.18	+15	31.71	4.97	15.33	3.92	2.83	2.03
+16	33.28	4.84	16.51	3.87	2.97	1.71	+16	31.96	4.90	15.52	3.85	2.89	1.94
+17	25.53	5.01	11.53	3.80	1.72	2.17	+17	31.58	4.90	15.29	3.86	2.82	1.95
+18	31.77	4.82	15.91	3.75	3.15	2.19	+18	31.59	4.90	15.32	3.85	2.84	1.96
+19	28.61	4.98	14.22	4.04	2.73	2.77	+19	31.21	4.95	15.12	3.93	2.78	2.06
+20	26.95	5.22	12.25	4.19	1.81	2.54	+20	30.98	5.06	14.98	4.04	2.76	2.18

Average annual number and temperature of days within 10th percentile of RAW minima 20 years before and after AWS at 47 ACORN stations



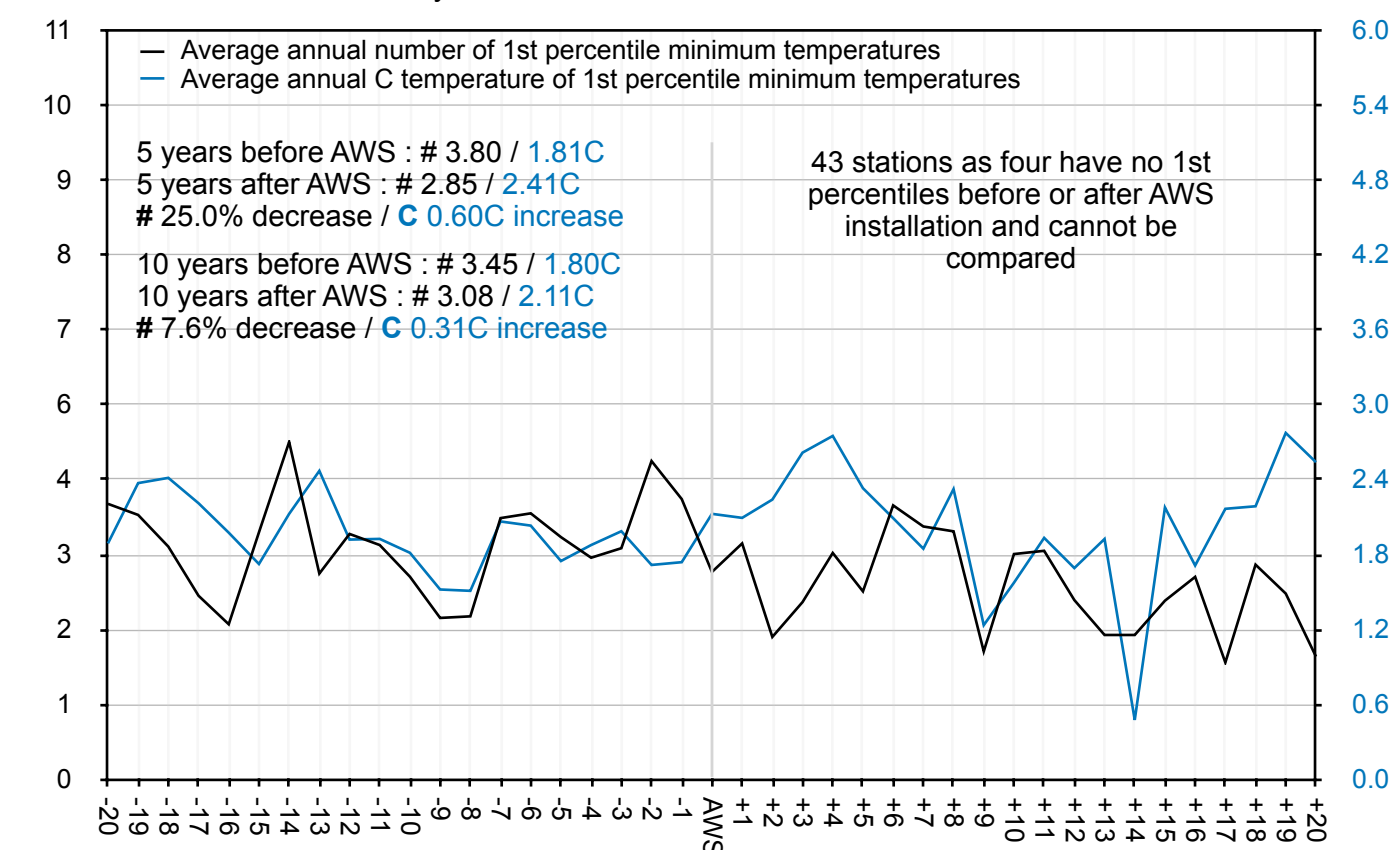
All 47 stations are Albany, Amberley, Bridgetown, Brisbane, Broome, Bundaberg, Butlers Gorge, Cabramurra, Cape Bruny, Cape Leeuwin, Cape Moreton, Charleville, Coffs Harbour, Dalwallinu, Dubbo, Eddystone, Esperance, Georgetown, Hobart, Horn Island, Karajini North, Katanning, Launceston, Laverton, Longreach, Low Head, Mackay, Marree, Melbourne, Miles, Moree, Nhll, Nuriootpa, Orbst, Point Perpendicular, Port Hedland, Port Macquarie, Rockhampton, Sydney, Tarcoola, Tennant Creek, Thargomindah, Tibooburra, Weipa, Wilsons Promontory, Wyalong, Yamba

Average annual number and temperature of days within 5th percentile of RAW minima 20 years before and after AWS at 47 ACORN stations



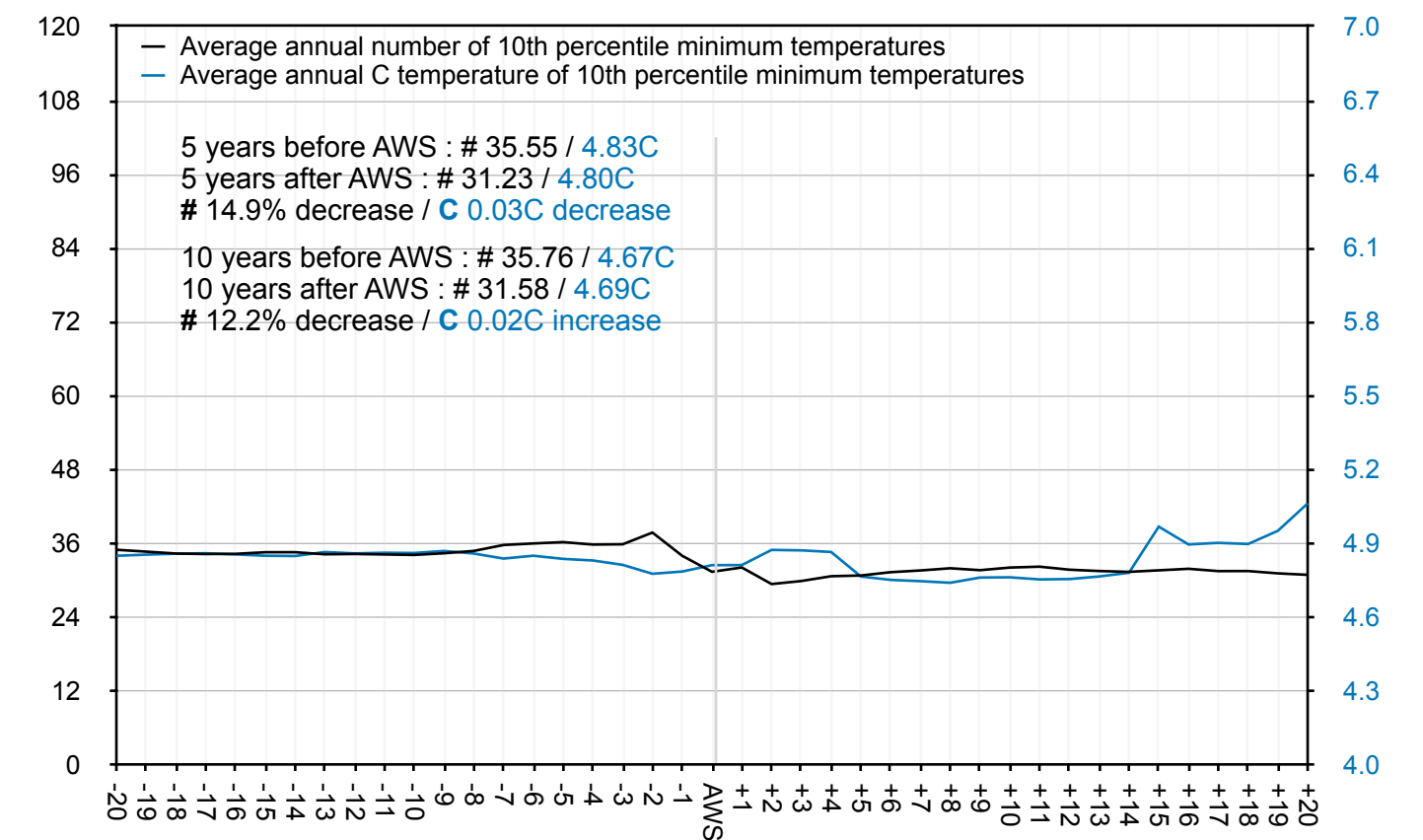
All 47 stations are Albany, Amberley, Bridgetown, Brisbane, Broome, Bundaberg, Butlers Gorge, Cabramurra, Cape Bruny, Cape Leeuwin, Cape Moreton, Charleville, Coffs Harbour, Dalwallinu, Dubbo, Eddystone, Esperance, Georgetown, Hobart, Horn Island, Karajini North, Katanning, Launceston, Laverton, Longreach, Low Head, Mackay, Marree, Melbourne, Miles, Moree, Nhll, Nuriootpa, Orbst, Point Perpendicular, Port Hedland, Port Macquarie, Rockhampton, Sydney, Tarcoola, Tennant Creek, Thargomindah, Tibooburra, Weipa, Wilsons Promontory, Wyalong, Yamba

Average annual number and temperature of days within 1st percentile of RAW minima 20 years before and after AWS at 43 ACORN stations



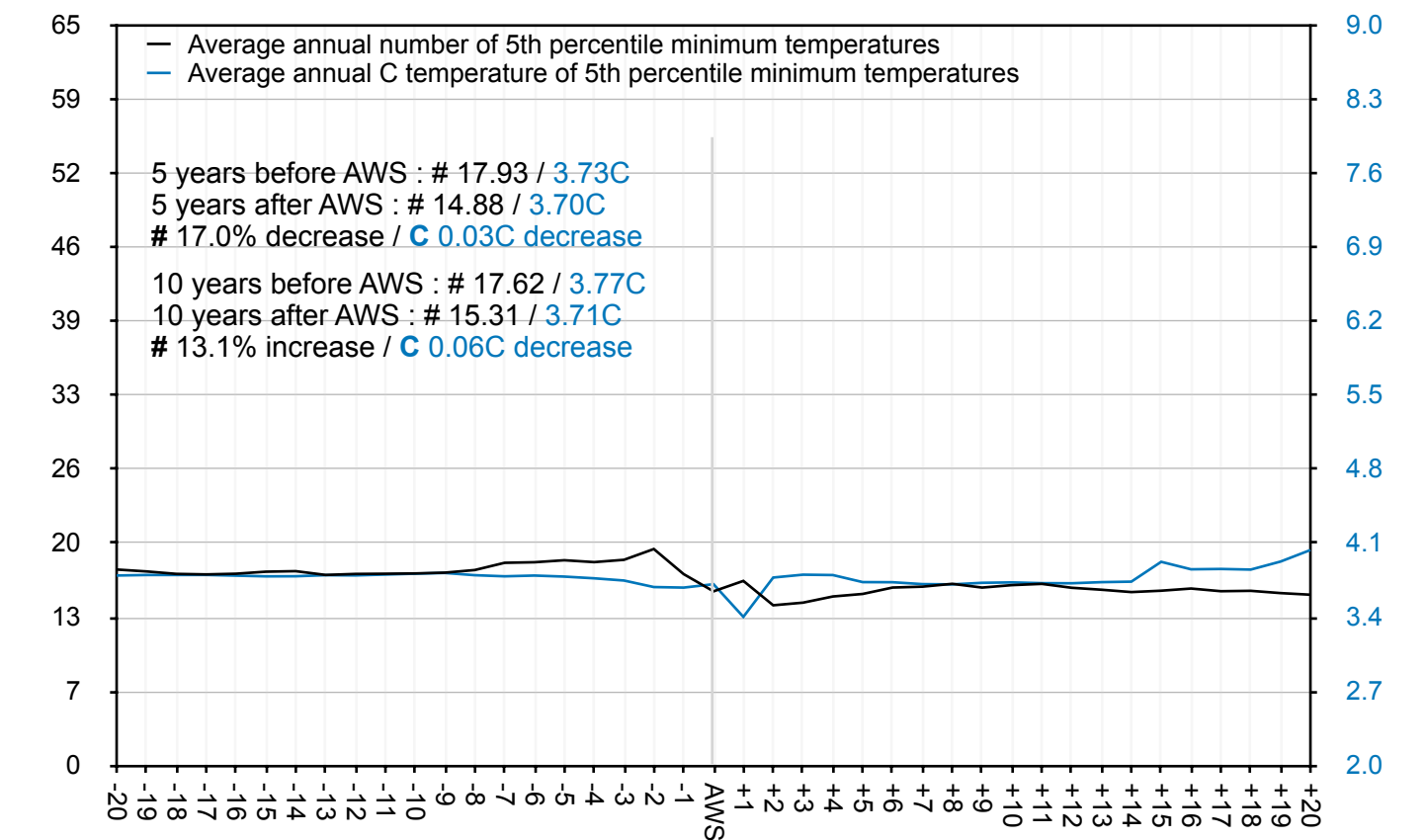
All 47 stations are Albany, Amberley, Bridgetown, Brisbane, Broome, Bundaberg, Butlers Gorge, Cabramurra, Cape Bruny, Cape Leeuwin, Cape Moreton, Charleville, Coffs Harbour, Dalwallinu, Dubbo, Eddystone, Esperance, Georgetown, Hobart, Horn Island, Karajini North, Katanning, Launceston, Laverton, Longreach, Low Head, Mackay, Marree, Melbourne, Miles, Moree, Nhll, Nuriootpa, Orbst, Point Perpendicular, Port Hedland, Port Macquarie, Rockhampton, Sydney, Tarcoola, Tennant Creek, Thargomindah, Tibooburra, Weipa, Wilsons Promontory, Wyalong, Yamba

Cumulative average number and temperature of days within 10th percentile of RAW minima 20 years before and after AWS at 47 ACORN stations



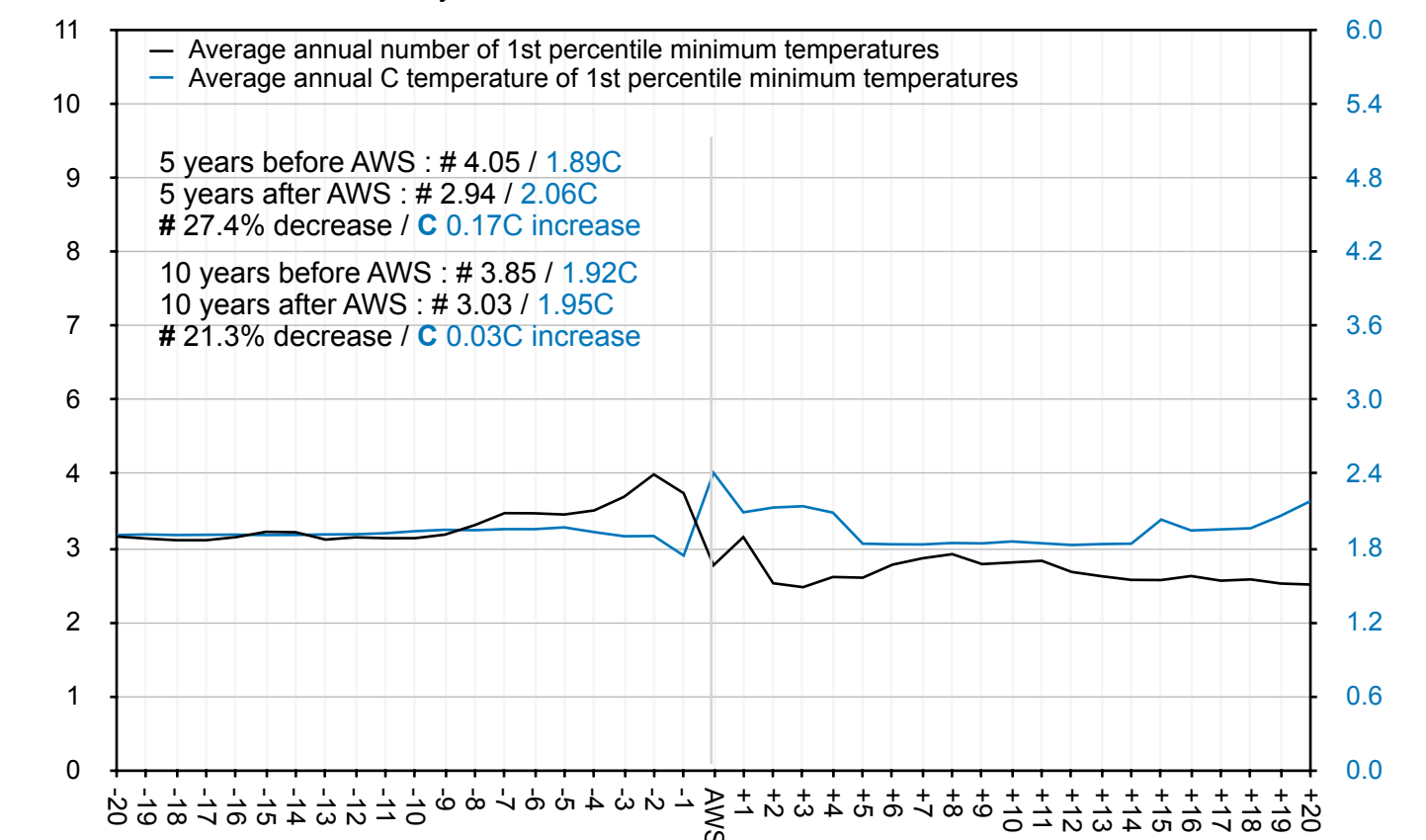
All 47 stations are Albany, Amberley, Bridgetown, Brisbane, Broome, Bundaberg, Butlers Gorge, Cabramurra, Cape Bruny, Cape Leeuwin, Cape Moreton, Charleville, Coffs Harbour, Dalwallinu, Dubbo, Eddystone, Esperance, Georgetown, Hobart, Horn Island, Karajini North, Katanning, Launceston, Laverton, Longreach, Low Head, Mackay, Marree, Melbourne, Miles, Moree, Nhll, Nuriootpa, Orbst, Point Perpendicular, Port Hedland, Port Macquarie, Rockhampton, Sydney, Tarcoola, Tennant Creek, Thargomindah, Tibooburra, Weipa, Wilsons Promontory, Wyalong, Yamba

Cumulative average number and temperature of days within 5th percentile of RAW minima 20 years before and after AWS at 47 ACORN stations



All 47 stations are Albany, Amberley, Bridgetown, Brisbane, Broome, Bundaberg, Butlers Gorge, Cabramurra, Cape Bruny, Cape Leeuwin, Cape Moreton, Charleville, Coffs Harbour, Dalwallinu, Dubbo, Eddystone, Esperance, Georgetown, Hobart, Horn Island, Karajini North, Katanning, Launceston, Laverton, Longreach, Low Head, Mackay, Marree, Melbourne, Miles, Moree, Nhll, Nuriootpa, Orbst, Point Perpendicular, Port Hedland, Port Macquarie, Rockhampton, Sydney, Tarcoola, Tennant Creek, Thargomindah, Tibooburra, Weipa, Wilsons Promontory, Wyalong, Yamba

Cumulative average number and temperature of days within 1st percentile of RAW minima 20 years before and after AWS at 43 ACORN stations



All 47 stations are Albany, Amberley, Bridgetown, Brisbane, Broome, Bundaberg, Butlers Gorge, Cabramurra, Cape Bruny, Cape Leeuwin, Cape Moreton, Charleville, Coffs Harbour, Dalwallinu, Dubbo, Eddystone, Esperance, Georgetown, Hobart, Horn Island, Karajini North, Katanning, Launceston, Laverton, Longreach, Low Head, Mackay, Marree, Melbourne, Miles, Moree, Nhll, Nuriootpa, Orbst, Point Perpendicular, Port Hedland, Port Macquarie, Rockhampton, Sydney, Tarcoola, Tennant Creek, Thargomindah, Tibooburra, Weipa, Wilsons Promontory, Wyalong, Yamba



10th 6.7	Annual # days below 10th percentile	Annual total C in days below 10th percentile	Annual average C in days below 10th percentile	5th 5.4	Annual # days below 5th percentile	Annual total C in days below 5th percentile	Annual average C in days below 5th percentile	1st 3.5	Annual # days below 1st percentile	Annual total C in days below 1st percentile	Annual average C in days below 1st percentile	Pre and post cumulative averages		AWS 10th percentile average in years pre and post AWS		Pre and post cumulative averages		AWS 5th percentile average in years pre and post AWS		Pre and post cumulative averages		AWS 1st percentile average in years pre and post AWS	
												Av #	Av C	Av #	Av C	Av #	Av C	Av #	Av C				
1910	26	137.2	5.3	1910	12	53.1	4.4	1910	2.0	5.9	3.0												
1911	36	185.0	5.1	1911	16	63.9	4.0	1911	6.0	17.7	3.0												
1912	47	256.7	5.5	1912	20	92.4	4.6	1912	1.0	2.8	2.8												
1913	47	231.5	4.9	1913	26	103.5	4.0	1913	8.0	21.1	2.6												
1914	57	296.4	5.2	1914	30	130.0	4.3	1914	8.0	24.4	3.1												
1915	21	120.0	5.7	1915	5	20.8	4.2	1915	2.0	7.0	3.5												
1916	36	203.7	5.7	1916	13	59.1	4.5	1916	1.0	3.5	3.5												
1917	35	187.9	5.4	1917	20	94.7	4.7	1917	1.0	2.8	2.8												
1918	48	241.0	5.0	1918	27	113.4	4.2	1918	6.0	18.3	3.1												
1919	40	220.3	5.5	1919	15	67.2	4.5	1919	2.0	5.6	2.8												
1920	42	237.2	5.6	1920	15	68.3	4.6	1920	2.0	6.1	3.1												
1921	37	201.8	5.5	1921	15	68.2	4.5	1921	2.0	5.8	2.9												
1922	54	282.2	5.2	1922	33	152.7	4.6	1922	2.0	5.5	2.8												
1923	29	170.6	5.9	1923	7	30.8	4.4	1923	0.0	0.0													
1924	49	253.5	5.2	1924	29	131.9	4.5	1924	3.0	8.2	2.7												
1925	42	210.6	5.0	1925	25	104.6	4.2	1925	9.0	27.9	3.1												
1926	35	196.0	5.6	1926	13	60.6	4.7	1926	1.0	3.2	3.2												
1927	43	209.4	4.9	1927	29	121.3	4.2	1927	9.0	28.4	3.2												
1928	36	182.3	5.1	1928	22	94.8	4.3	1928	5.0	13.1	2.6												
1929	47	241.4	5.1	1929	26	112.0	4.3	1929	3.0	8.1	2.7												
1930	31	166.4	5.4	1930	18	86.0	4.8	1930	1.0	3.3	3.3												
1931	33	185.3	5.6	1931	13	60.7	4.7	1931	1.0	3.3	3.3												
1932	39	211.3	5.4	1932	18	82.6	4.6	1932	2.0	6.5	3.3												
1933	55	298.9	5.4	1933	24	102.9	4.3	1933	5.0	15.3	3.1												
1934	32	179.0	5.6	1934	13	62.3	4.8	1934	0.0	0.0													
1935	33	182.0	5.5	1935	16	75.4	4.7	1935	0.0	0.0													
1936	39	209.0	5.4	1936	18	81.3	4.5	1936	2.0	6.8	3.4												
1937	43	237.1	5.5	1937	19	90.8	4.8	1937	0.0	0.0													
1938	40	210.1	5.3	1938	18	76.1	4.2	1938	4.0	13.1	3.3												
1939	37	195.7	5.3	1939	17	69.3	4.1	1939	3.0	7.2	2.4												
1940	40	216.0	5.4	1940	21	95.7	4.6	1940	1.0	3.2	3.2												
1941	31	178.1	5.7	1941	10	49.2	4.9	1941	0.0	0.0													
1942	27	155.3	5.8	1942	5	24.1	4.8	1942	0.0	0.0													
1943	56	307.8	5.5	1943	22	96.9	4.4	1943	4.0	12.4	3.1												
1944	58	290.8	5.0	1944	31	126.0	4.1	1944	10.0	27.6	2.8												
1945	39	197.1	5.1	1945	19	73.4	3.9	1945	5.0	11.3	2.3												
1946	59	311.2	5.3	1946	28	118.7	4.2	1946	5.0	15.2	3.0												
1947	31	175.4	5.7	1947	10	45.6	4.6	1947	1.0	3.4	3.4												
1948	33	185.0	5.6	1948	10	46.2	4.6	1948	1.0	2.9	2.9												
1949	54	290.6	5.4	1949	27	124.6	4.6	1949	2.0	5.3	2.7												
1950	39	222.9	5.7	1950	11	51.9	4.7	1950	0.0	0.0													
1951	38	211.9	5.6	1951	15	65.8	4.4	1951	3.0	8.5	2.8												
1952	49	250.9	5.1	1952	30	133.7	4.5	1952	3.0	7.5	2.5												
1953	34	184.4	5.4	1953	15	69.4	4.6	1953	0.0	0.0													
1954	41	225.9	5.5	1954	19	89.7	4.7	1954	2.0	6.9	3.5												
1955	27	157.1	5.8	1955	8	38.7	4.8	1955	0.0	0.0													
1956	19	108.8	5.7	1956	7	35.0	5.0	1956	0.0	0.0													
1957	37	198.6	5.4	1957	17	76.0	4.5	1957	1.0	3.4	3.4												
1958	41	209.2	5.1	1958	22	91.1	4.1	1958	6.0	15.8	2.6												
1959	33	175.3	5.3	1959	16	69.0	4.3	1959	3.0	9.6	3.2												
1960	53	281.5	5.3	1960	25	108.2	4.3	1960	4.0	11.7	2.9												
1961	21	116.4	5.5	1961	7	30.0	4.3	1961	2.0	6.2	3.1												
1962	17	97.1	5.7	1962	7	34.3	4.9	1962	0.0	0.0													
1963	22	111.8	5.1	1963	13	57.1	4.4	1963	2.0	6.7	3.4												
1964	27	141.3	5.2	1964	15	65.9	4.4	1964	2.0	5.0	2.5												
1965	24	124.2	5.2	1965	13	56.2	4.3	1965	4.0	12.3	3.1												
1966	37	213.2	5.8	1966	11	52.3	4.8	1966	1.0	3.3	3.3												
1967	36	201.1	5.6	1967	15	71.8	4.8	1967	0.0	0.0													
1968	37	197.1	5.3	1968	18	77.8	4.3	1968	3.0	7.3	2.4												
1969	30	172.2	5.7	1969	9	42.8	4.8	1969	0.0	0.0													
1970	28	155.4	5.6	1970	10	42.4	4.2	1970	3.0	9.6	3.2												
1971	25	148.5	5.9	1971	6	28.8	4.8	1971	0.0	0.0													
1972	23	124.0	5.4	1972	8	33.3	4.2	1972	2.0	5.2	2.6												
1973	26	139.3	5.4	1973	10	43.5	4.4	1973	0.0	0.0													
1974	25	142.2	5.7	1974	5	23.0	4.6	1974	0.0	0.0													
1975	21	118.9	5.7	1975	8	39.4	4.9	1975	0.0	0.0													
1976	23	126.5	5.5	1976	9	40.5	4.5	1976	1.0	3.3	3.3	-20 years	41.2	5.1	-20 years	21.6	4.1	-20 years	6.5	2.8			
1977	22	128.0	5.8	1977	7	33.6	4.8	1977	0.0	0.0		-19 years	42.2	5.1	-19 years	22.2	4.1	-19 years	6.8	2.7			
1978	48	234.9	4.9	1978	26	100.9	3.9	1978	11.0	31.1	2.8	-18 years	43.3	5.1	-18 years	23.1	4.1	-18 years	7.2	2.7			
1979	34	173.9	5.1	1979	17	68.9	4.1	1979	6.0	19.3	3.2	-17 years	43.0	5.1	-17 years	22.9	4.1	-17 years	6.9	2.7			
1980	27	136.6	5.1	1980	17	73.4	4.3	1980	2.0	6.8	3.4	-16 years	43.6	5.1	-16 years	23.3	4.1	-16 years	7.0	2.7			
1981	33	177.3	5.4	1981	13	52.4	4.0	1981	3.0	8.2	2.7	-15 years	44.7	5.1	-15 years	23.7	4.1	-15 years	7.3	2.7			
1982	61	277.8	4.6	1982	29	81.9	2.8	1982	18.0	32.3	1.8	-14 years	45.5	5.0	-14 years	24.4	4.1	-14 years	7.6	2.7			
1983	52	241.5	4.6	1983	33	125.3	3.8	1983	12.0	26.4	2.2	-13 years	44.3	5.1	-13 years	24.1	4.2	-13 years	6.8	2.7			
1984	52	271.5	5.2	1984	23	92.1	4.0	1984	8.0	22.0	2.8	-12 years	43.7	5.1	-12 years	23.3	4.2	-12 years	6.4	2.8			
1985	52	272.8	5.2	1985	24	100.6	4.2	1985	6.0	15.0	2.5	-11 years	42.9	5.1	-11 years	23.4	4.2	-11 years	6.3				







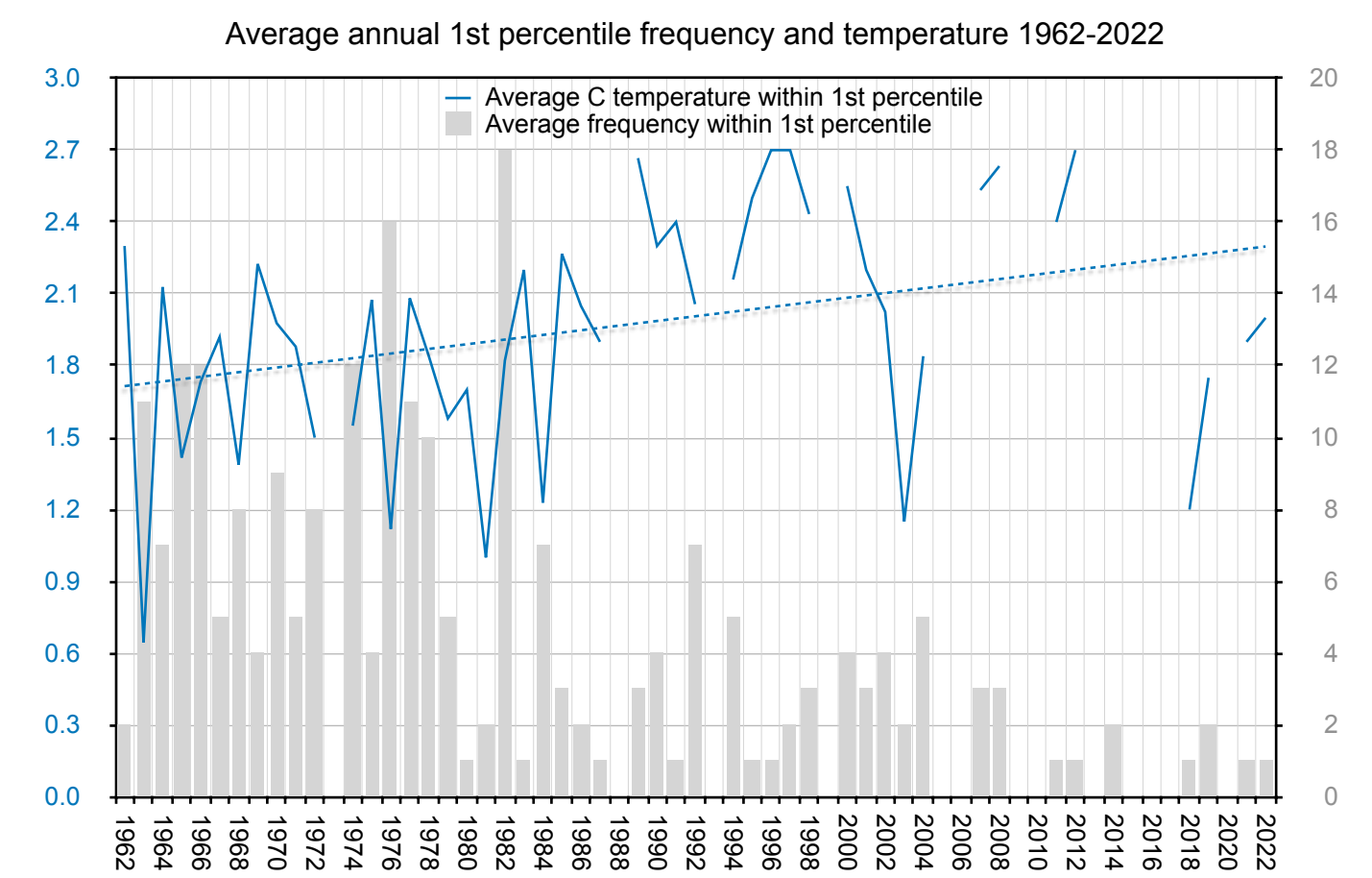
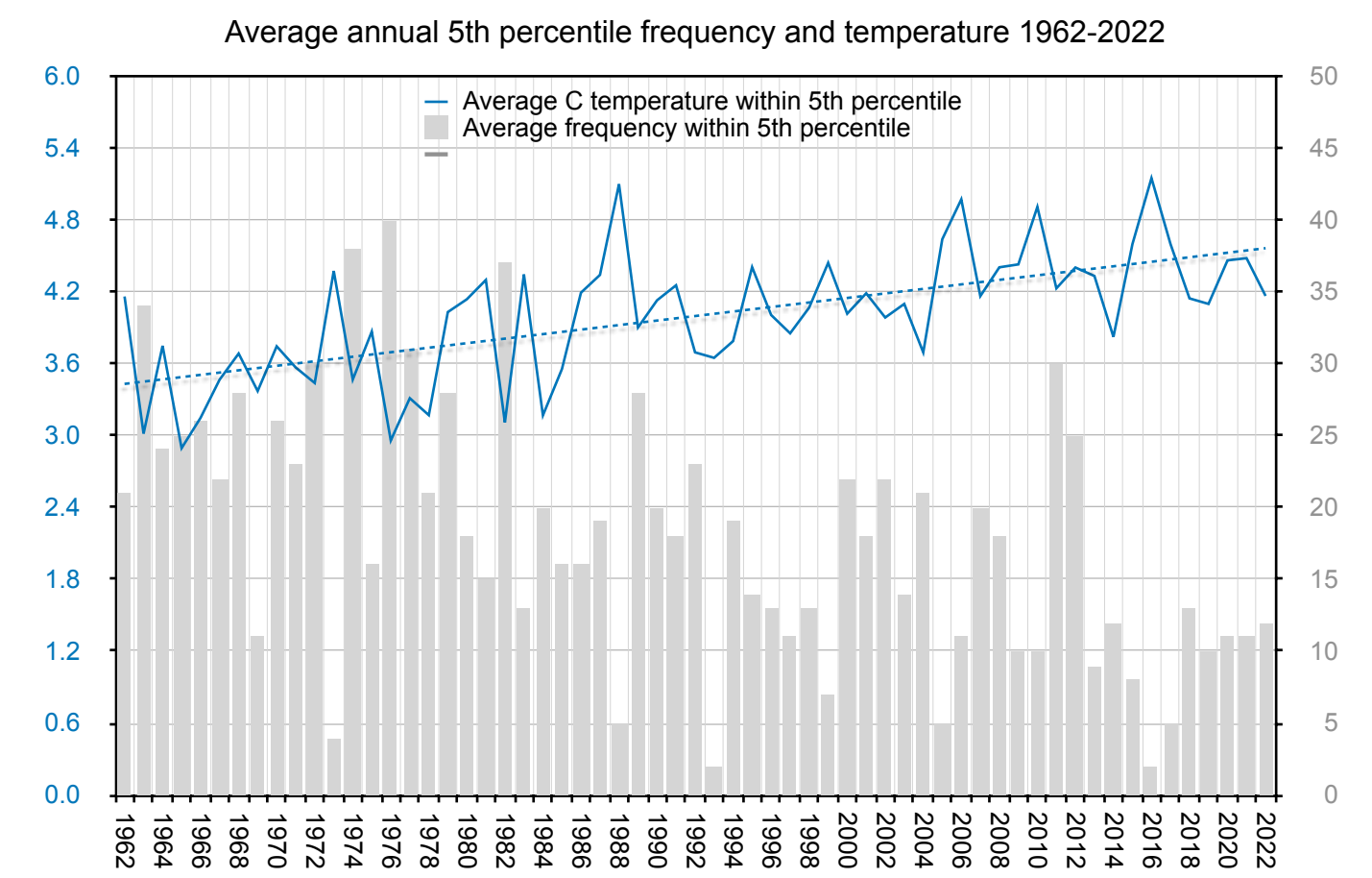
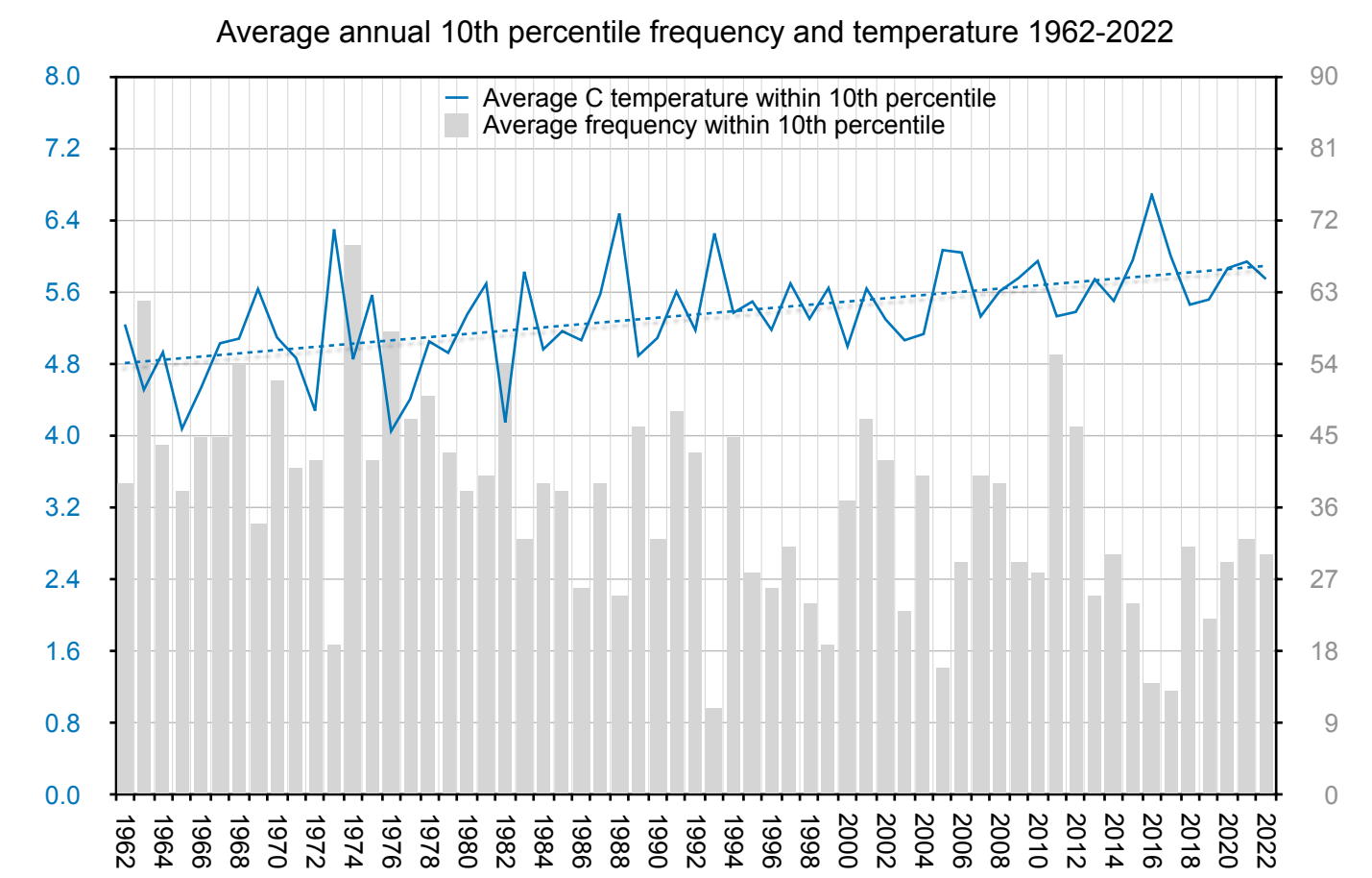
10th 2.7	Annual # days below 10th percentile	Annual total C in days below 10th percentile	Annual average C in days below 10th percentile	5th 0.7	Annual # days below 5th percentile	Annual total C in days below 5th percentile	Annual average C in days below 5th percentile	1st 3.3	Annual # days below 1st percentile	Annual total C in days below 1st percentile	Annual average C in days below 1st percentile	Pre and post cumulative averages		AWS 10th percentile average in years pre and post AWS		Pre and post cumulative averages		AWS 5th percentile average in years pre and post AWS		Pre and post cumulative averages		AWS 1st percentile average in years pre and post AWS	
												Av #	Av C	Av #	Av C	Av #	Av C	Av #	Av C				
1910	17	15.2	0.9	1910	6	-1.1	-0.2	1910	1	-2.3	-2.3												
1911	25	-6.2	-0.2	1911	17	-21.1	-1.2	1911	6	-18.8	-3.1												
1912	36	40.3	1.1	1912	13	1.8	0.1	1912	0	0.0	0.0												
1913	46	10.8	0.2	1913	28	-26.0	-0.9	1913	10	-25.6	-2.6												
1914	26	23.6	0.9	1914	8	-8.9	-1.1	1914	3	-6.2	-2.1												
1915	14	15.2	1.1	1915	6	0.0	0.0	1915	0	0.0	0.0												
1916	17	20.5	1.2	1916	5	0.1	0.0	1916	0	0.0	0.0												
1917	39	23.4	0.6	1917	20	-13.1	-0.7	1917	2	-4.4	-2.2												
1918	33	0.3	0.0	1918	20	-21.5	-1.1	1918	5	-14.9	-3.0												
1919	41	-6.8	-0.2	1919	23	-36.5	-1.6	1919	6	-21.6	-3.6												
1920	26	16.2	0.6	1920	10	-7.2	-0.7	1920	2	-5.6	-2.8												
1921	28	18.9	0.7	1921	14	-5.5	-0.4	1921	0	0.0	0.0												
1922	49	5.4	0.1	1922	31	-27.5	-0.9	1922	3	-7.8	-2.6												
1923	37	21.6	0.6	1923	20	-7.2	-0.4	1923	2	-5.0	-2.5												
1924	58	-26.7	-0.5	1924	42	-55.5	-1.3	1924	13	-40.7	-3.1												
1925	45	27.5	0.6	1925	18	-17.3	-1.0	1925	5	-16.4	-3.3												
1926	34	14.5	0.4	1926	18	-12.0	-0.7	1926	1	-2.2	-2.2												
1927	28	4.2	0.2	1927	14	-17.9	-1.3	1927	4	-11.5	-2.9												
1928	32	-2.4	-0.1	1928	23	-15.8	-0.7	1928	3	-8.9	-3.0												
1929	41	-3.8	-0.1	1929	25	-30.7	-1.2	1929	11	-28.2	-2.6												
1930	18	18.7	1.0	1930	5	-4.4	-0.9	1930	1	-2.2	-2.2												
1931	19	20.3	1.1	1931	7	-0.9	-0.1	1931	0	0.0	0.0												
1932	47	-14.1	-0.3	1932	36	-33.7	-0.9	1932	8	-19.7	-2.5												
1933	27	-8.4	-0.3	1933	18	-22.6	-1.3	1933	6	-16.6	-2.8												
1934	42	21.1	0.5	1934	20	-14.9	-0.7	1934	4	-10.0	-2.5												
1935	29	23.7	0.8	1935	9	-7.0	-0.8	1935	3	-6.8	-2.3												
1936	29	16.3	0.6	1936	13	-12.7	-1.0	1936	4	-9.9	-2.5												
1937	43	-6.8	-0.2	1937	30	-24.8	-0.8	1937	6	-15.6	-2.6												
1938	25	19.9	0.8	1938	11	-8.1	-0.7	1938	2	-5.9	-3.0												
1939	24	30.5	1.3	1939	7	-0.3	-0.0	1939	0	0.0	0.0												
1940	66	-2.9	-0.0	1940	39	-45.7	-1.2	1940	12	-37.7	-3.1												
1941	39	10.9	0.3	1941	23	-18.9	-0.8	1941	4	-11.6	-2.9												
1942	15	5.7	0.4	1942	9	-5.4	-0.6	1942	2	-5.0	-2.5												
1943	38	24.7	0.7	1943	23	0.3	0.0	1943	0	0.0	0.0												
1944	52	31.9	0.6	1944	22	-18.7	-0.9	1944	5	-14.9	-3.0												
1945	25	17.5	0.7	1945	12	-7.9	-0.7	1945	0	0.0	0.0												
1946	41	32.2	0.8	1946	13	-11.9	-0.9	1946	4	-9.9	-2.5												
1947	23	23.8	1.0	1947	9	-2.1	-0.2	1947	0	0.0	0.0												
1948	39	5.1	0.1	1948	22	-23.2	-1.1	1948	5	-14.7	-2.9												
1949	52	35.9	0.7	1949	27	-9.1	-0.3	1949	3	-8.1	-2.7												
1950	31	39.7	1.3	1950	9	1.5	0.2	1950	0	0.0	0.0												
1951	40	22.3	0.6	1951	22	-12.3	-0.6	1951	3	-8.7	-2.9												
1952	35	27.2	0.8	1952	15	-9.8	-0.7	1952	4	-10.1	-2.5												
1953	49	60.1	1.2	1953	14	-0.6	-0.0	1953	1	-2.7	-2.7												
1954	28	17.4	0.6	1954	14	-6.9	-0.5	1954	3	-8.1	-2.7												
1955	13	16.0	1.2	1955	2	0.6	0.3	1955	0	0.0	0.0												
1956	30	33.2	1.1	1956	10	1.9	0.2	1956	0	0.0	0.0												
1957	27	35.9	1.3	1957	8	2.7	0.3	1957	0	0.0	0.0												
1958	19	17.0	0.9	1958	7	-4.5	-0.6	1958	1	-2.1	-2.1												
1959	20	24.9	1.2	1959	6	-1.7	-0.3	1959	0	0.0	0.0												
1960	40	37.2	0.9	1960	16	-6.7	-0.4	1960	3	-7.0	-2.3												
1961	35	6.6	0.2	1961	19	-20.8	-1.1	1961	5	-13.5	-2.7												
1962	12	18.9	1.6	1962	2	0.8	0.4	1962	0	0.0	0.0												
1963	27	21.3	0.8	1963	11	-6.6	-0.6	1963	2	-4.7	-2.4												
1964	16	19.3	1.2	1964	5	-0.5	-0.1	1964	0	0.0	0.0												
1965	32	-0.6	-0.0	1965	20	-19.8	-1.0	1965	3	-10.8	-3.6												
1966	23	42.6	1.9	1966	1	0.4	0.4	1966	0	0.0	0.0												
1967	53	36.4	0.7	1967	26	-11.5	-0.4	1967	2	-5.2	-2.6												
1968	23	20.9	0.9	1968	9	-4.3	-0.5	1968	1	-2.2	-2.2												
1969	28	25.8	0.9	1969	13	-1.3	-0.1	1969	0	0.0	0.0												
1970	38	16.8	0.4	1970	20	-17.6	-0.9	1970	5	-13.5	-2.7												
1971	36	7.4	0.2	1971	25	-13.5	-0.5	1971	2	-4.4	-2.2												
1972	27	38.5	1.4	1972	7	-1.2	-0.2	1972	0	0.0	0.0												
1973	5	8.4	1.7	1973	1	0.6	0.6	1973	0	0.0	0.0												
1974	29	13.9	0.5	1974	14	-9.3	-0.7	1974	3	-6.8	-2.3												
1975	52	-12.8	-0.2	1975	33	-49.2	-1.5	1975	10	-35.8	-3.6												
1976	98	-60.8	-0.6	1976	69	-107.0	-1.6	1976	25	-88.6	-3.5	20 years	43.4	0.4	20 years	24.1	-0.7	20 years	6.1	-2.9			
1977	72	-62.3	-0.9	1977	50	-104.3	-2.1	1977	28	-93.9	-3.4	19 years	40.5	0.5	19 years	21.7	-0.7	19 years	5.1	-2.9			
1978	36	-2.7	-0.1	1978	26	-19.4	-0.7	1978	2	-5.0	-2.5	18 years	38.8	0.6	18 years	20.1	-0.6	18 years	3.8	-2.8			
1979	44	33.5	0.8	1979	19	-10.0	-0.5	1979	3	-7.9	-2.6	17 years	38.9	0.6	17 years	19.8	-0.6	17 years	3.9	-2.9			
1980	28	29.0	1.0	1980	13	0.6	0.0	1980	0	0.0	0.0	16 years	38.6	0.6	16 years	19.8	-0.6	16 years	4.0	-2.9			
1981	26	34.0	1.3	1981	6	-1.3	-0.2	1981	0	0.0	0.0	15 years	39.3	0.6	15 years	20.3	-0.6	15 years	4.3	-2.9			
1982	57	-33.2	-0.6	1982	40	-60.3	-1.5	1982	16	-49.3	-3.1	14 years	40.3	0.5	14 years	21.3	-0.7	14 years	4.6	-2.9			
1983	57	-28.6	-0.5	1983	37	-63.0	-1.7	1983	17	-56.1	-3.3	13 years	39.0	0.6	13 years	19.8	-0.6	13 years	3.7	-2.8			
1984	54	13.7	0.3	1984	29	-35.1	-1.2	1984	7	-26.2	-3.7	12 years	37.5	0.7	12 years	18.4	-0.5	12 years	2.6	-2.8			
1985	49	29.3	0.6	1985	25	-18.8	-0.8	1985	4	-9.5	-2.4	11 years	36.0	0.7	11 years	17.5	-0.4	11 years	2.2	-2.6			
1986	21	28.0	1.3	1986	6	0.4	0.1	1986															



10th 4.0	Annual # days below 10th percentile	Annual total C in days below 10th percentile	Annual average C in days below 10th percentile	5th 2.0	Annual # days below 5th percentile	Annual total C in days below 5th percentile	Annual average C in days below 5th percentile	1st -0.9	Annual # days below 1st percentile	Annual total C in days below 1st percentile	Annual average C in days below 1st percentile	Pre and post cumulative averages	AWS 10th percentile average in years pre and post AWS	Pre and post cumulative averages	AWS 5th percentile average in years pre and post AWS	Pre and post cumulative averages	AWS 1st percentile average in years pre and post AWS			
													Av # Av C		Av # Av C		Av # Av C			
1942	26	67.9	2.6	1942	5	4.7	0.9	1942	1	-1.1	-1.1									
1943	45	56.9	1.3	1943	24	-6.2	-0.3	1943	8	-16.4	-2.1									
1944	37	85.4	2.3	1944	10	1.0	0.1	1944	3	-4.9	-1.6									
1945	19	50.9	2.7	1945	4	4.1	1.0	1945	0	0.0										
1946	61	38.1	0.6	1946	46	-6.7	-0.1	1946	18	-29.9	-1.7									
1947	45	74.6	1.7	1947	27	19.1	0.7	1947	0	0.0										
1948	45	107.0	2.4	1948	15	14.8	1.0	1948	1	-1.2	-1.2									
1949	43	75.0	1.7	1949	25	24.7	1.0	1949	0	0.0										
1950	13	34.1	2.6	1950	4	6.2	1.6	1950	0	0.0										
1951	49	76.7	1.6	1951	26	7.7	0.3	1951	6	-13.4	-2.2									
1952	29	53.4	1.8	1952	16	9.8	0.6	1952	3	-5.8	-1.9									
1953	45	69.0	1.5	1953	30	22.2	0.7	1953	1	-1.1	-1.1									
1954	15	28.7	1.9	1954	7	2.8	0.4	1954	1	-1.1	-1.1									
1955	21	53.2	2.5	1955	6	5.8	1.0	1955	0	0.0										
1956	34	78.3	2.3	1956	9	5.4	0.6	1956	0	0.0										
1957	28	56.4	2.0	1957	14	8.5	0.6	1957	2	-2.0	-1.0									
1958	25	57.2	2.3	1958	10	7.6	0.8	1958	1	-1.2	-1.2									
1959	27	65.1	2.4	1959	9	11.5	1.3	1959	0	0.0										
1960	41	90.8	2.2	1960	15	11.7	0.8	1960	0	0.0										
1961	41	78.8	1.9	1961	19	5.4	0.3	1961	1	-1.9	-1.9									
1962	35	86.2	2.5	1962	10	8.0	0.8	1962	1	-1.0	-1.0									
1963	28	41.5	1.5	1963	15	-0.4	-0.0	1963	5	-6.5	-1.3									
1964	36	75.4	2.1	1964	14	7.7	0.6	1964	2	-3.2	-1.6									
1965	28	50.0	1.8	1965	12	-2.6	-0.2	1965	3	-6.9	-2.3									
1966	26	59.9	2.3	1966	10	7.5	0.8	1966	0	0.0										
1967	32	82.0	2.6	1967	8	9.0	1.1	1967	0	0.0										
1968	37	72.8	2.0	1968	15	6.5	0.4	1968	2	-3.5	-1.8									
1969	10	31.6	3.2	1969	0	0.0		1969	0	0.0										
1970	61	97.4	1.6	1970	33	8.5	0.3	1970	7	-11.0	-1.6									
1971	38	65.5	1.7	1971	20	8.5	0.4	1971	3	-5.9	-2.0									
1972	30	43.9	1.5	1972	15	-0.2	-0.0	1972	4	-7.0	-1.8									
1973	5	16.9	3.4	1973	1	1.5	1.5	1973	0	0.0		20 years	39.0	1.7	20 years	21.1	0.4	20 years	5.3	-2.0
1974	35	71.9	2.1	1974	17	12.8	0.8	1974	2	-2.9	-1.5	19 years	39.3	1.6	19 years	21.3	0.3	19 years	5.5	-2.0
1975	26	73.6	2.8	1975	6	10.1	1.7	1975	0	0.0		18 years	40.1	1.6	18 years	21.9	0.3	18 years	5.8	-2.0
1976	20	45.1	2.3	1976	7	6.7	1.0	1976	0	0.0		17 years	40.9	1.6	17 years	22.4	0.2	17 years	6.1	-2.0
1977	33	61.5	1.9	1977	16	8.3	0.5	1977	2	-3.2	-1.6	16 years	41.6	1.5	16 years	23.3	0.2	16 years	6.5	-2.0
1978	24	56.4	2.4	1978	11	12.7	1.2	1978	0	0.0		15 years	41.5	1.5	15 years	23.3	0.2	15 years	6.6	-2.0
1979	27	63.5	2.4	1979	13	19.0	1.5	1979	0	0.0		14 years	40.4	1.6	14 years	22.4	0.2	14 years	5.6	-2.0
1980	29	72.3	2.5	1980	9	11.8	1.3	1980	0	0.0		13 years	42.2	1.5	13 years	23.6	0.2	13 years	6.0	-2.0
1981	43	68.1	1.6	1981	23	8.4	0.4	1981	5	-7.0	-1.4	12 years	42.9	1.4	12 years	24.3	0.1	12 years	6.3	-2.1
1982	57	40.0	0.7	1982	36	-27.5	-0.8	1982	21	-39.9	-1.9	11 years	42.5	1.5	11 years	23.8	0.1	11 years	6.1	-2.1
1983	18	44.0	2.4	1983	6	4.4	0.7	1983	0	0.0		10 years	42.7	1.5	10 years	24.3	0.2	10 years	6.0	-2.0
1984	33	67.8	2.1	1984	16	16.8	1.1	1984	2	-2.4	-1.2	9 years	42.6	1.5	9 years	24.1	0.3	9 years	5.6	-2.1
1985	48	53.7	1.1	1985	29	-6.6	-0.2	1985	9	-20.1	-2.2	8 years	45.1	1.4	8 years	26.1	0.2	8 years	6.3	-2.1
1986	40	54.8	1.4	1986	19	-8.9	-0.5	1986	7	-20.2	-2.9	7 years	46.1	1.4	7 years	27.3	0.2	7 years	6.3	-2.1
1987	44	45.8	1.0	1987	26	-12.4	-0.5	1987	10	-15.1	-1.5	6 years	47.8	1.4	6 years	28.2	0.2	6 years	6.7	-2.1
1988	22	55.8	2.5	1988	8	8.8	1.1	1988	0	0.0		5 years	45.2	1.5	5 years	26.8	0.3	5 years	6.0	-2.1
1989	38	52.8	1.4	1989	18	-3.6	-0.2	1989	6	-11.9	-2.0	4 years	44.0	1.4	4 years	27.0	0.2	4 years	6.8	-2.2
1990	36	44.6	1.2	1990	22	3.2	0.1	1990	4	-9.4	-2.4	3 years	49.0	1.1	3 years	32.0	0.0	3 years	8.7	-2.2
1991	61	74.9	1.2	1991	35	-4.7	-0.1	1991	10	-20.8	-2.1	2 years	36.0	1.2	2 years	24.0	0.1	2 years	5.5	-2.3
1992	50	92.6	1.9	1992	26	17.9	0.7	1992	3	-5.0	-1.7	1 years	32.0	1.4	1 years	20.0	0.3	1 years	4.0	-2.1
1993	29	63.8	2.2	1993	12	9.5	0.8	1993	1	-2.2	-2.2	0 years	47.0	1.9	0 years	19.0	-0.0	0 years	4.0	
1994	75	77.8	1.0	1994	48	-5.9	-0.1	1994	15	-29.1	-1.9	1 years	15.0	1.0	1 years	11.0	0.3	1 years	1.0	-1.0
1995	40	36.4	0.9	1995	28	-3.8	-0.1	1995	7	-17.2	-2.5	2 years	25.5	1.4	2 years	13.5	0.0	2 years	3.5	-1.5
1996	32	45.6	1.4	1996	20	6.3	0.3	1996	4	-8.3	-2.1	3 years	34.3	1.2	3 years	21.0	-0.0	3 years	6.0	-1.6
1997	47	87.9	1.9	1997	19	-0.6	-0.0	1997	4	-8.4	-2.1	4 years	37.3	1.3	4 years	22.0	0.1	4 years	5.5	-1.6
1998	15	15.7	1.0	1998	11	3.7	0.3	1998	1	-1.0	-1.0	5 years	41.2	1.2	5 years	25.6	0.0	5 years	7.2	-1.7
1999	36	59.8	1.7	1999	16	-4.8	-0.3	1999	6	-11.9	-2.0	6 years	40.5	1.2	6 years	25.7	0.0	6 years	7.3	-1.8
2000	52	45.8	0.9	2000	36	-6.1	-0.2	2000	11	-19.0	-1.7	7 years	44.0	1.1	7 years	27.3	-0.1	7 years	8.3	-1.8
2001	46	78.1	1.7	2001	25	11.0	0.4	2001	4	-6.5	-1.6	8 years	42.6	1.3	8 years	25.6	0.1	8 years	7.3	-1.8
2002	57	45.9	0.8	2002	40	-9.1	-0.2	2002	14	-31.9	-2.3	9 years	43.6	1.3	9 years	25.4	0.1	9 years	7.1	-1.8
2003	37	31.4	0.8	2003	26	1.2	0.0	2003	8	-16.0	-2.0	10 years	42.7	1.3	10 years	24.8	0.0	10 years	7.2	-1.9
2004	65	68.0	1.0	2004	37	-19.5	-0.5	2004	14	-28.7	-2.1	11 years	43.5	1.3	11 years	25.0	0.0	11 years	7.1	-1.9
2005	33	71.7	2.2	2005	14	12.4	0.9	2005	0	0.0		12 years	42.8	1.4	12 years	24.3	0.1	12 years	6.6	-1.9
2006	51	84.2	1.7	2006	24	3.8	0.2	2006	6	-12.7	-2.1	13 years	41.6	1.4	13 years	23.8	0.1	13 years	6.3	-1.9
2007	35	35.2	1.0	2007	19	-11.6	-0.6	2007	8	-17.3	-2.2	14 years	42.2	1.4	14 years	23.6	0.1	14 years	6.2	-1.9
2008	52	74.8	1.4	2008	27	4.5	0.2	2008	6	-11.6	-1.9	15 years	42.9	1.4	15 years	24.0	0.2	15 years	6.1	-1.8
2009	35	74.0	2.1	2009	16	17.7	1.1	2009	1	-2.5	-2.5	16 years	41.6	1.4	16 years	23.3	0.2	16 years	5.8	-1.8
2010	27	33.9	1.3	2010	18	9.3	0.5	2010	3	-3.5	-1.2	17 years	41.4	1.4	17 years	23.1	0.2	17 years	5.8	-1.8
2011	50	97.5	2.0	2011	22	4.9	0.2	2011	5	-9.1	-1.8	18 years	41.3	1.4	18 years	23.0	0.2	18 years	5.7	-1.8
2012	52	91.8	1.8	2012	29	17.2	0.6	2012	4	-5.6	-1.4	19 years	40.3	1.5	19 years	22.5	0.2	19 years	5.4	-1.8
2013	22	34.2	1.6	2013	13	8.9	0.7	2013	2	-2.5	-1.3	20 years	40.7	1.5	20 years	22.7	0.3	20 years	5.2	-1.7
2014	39	51.4	1.3	2014	19	-9.4	-0.5	2014	6	-13.9	-2.3									
2015	40	63.9	1.6	2015	22	9.2	0.4	2015	4	-4.9	-1.2									
2016	21	39.7	1.9	2016	13	15.7	1.2	2016	0	0.0										
2017	48	88.5	1.8	2017	27	22.2	0.8	2017	1	-0.9	-0.9									
2018	55	48.6	0.9	2018	39	2.6	0.1	2018	12	-23.6	-2.0									
2019	34	59.4	1.7	2019	16	-1.6	-0.1	2019	5	-8.3	-1.7									
2020	32	74.9	2.3	2020	11	7.6	0.7	2020	1	-2.0	-2.0									
2021	42	95.2	2.3	2021	17	18.6	1.1	2021	0											



10th 7.5	Annual # days below 10th percentile	Annual total C in days below 10th percentile	Annual average C in days below 10th percentile	5th 5.5	Annual # days below 5th percentile	Annual total C in days below 5th percentile	Annual average C in days below 5th percentile	1st -0.9	Annual # days below 1st percentile	Annual total C in days below 1st percentile	Annual average C in days below 1st percentile
1962	39	204.4	5.2	1962	21	87.4	4.2	1962	2	4.6	2.3
1963	62	279.9	4.5	1963	34	102.6	3.0	1963	11	7.1	0.6
1964	44	217.0	4.9	1964	24	90.0	3.8	1964	7	14.9	2.1
1965	38	155.0	4.1	1965	25	72.4	2.9	1965	12	17.0	1.4
1966	45	204.0	4.5	1966	26	81.9	3.2	1966	12	20.8	1.7
1967	45	226.4	5.0	1967	22	76.3	3.5	1967	5	9.6	1.9
1968	54	274.5	5.1	1968	28	103.2	3.7	1968	8	11.1	1.4
1969	34	191.6	5.6	1969	11	37.1	3.4	1969	4	8.9	2.2
1970	52	265.0	5.1	1970	26	97.4	3.7	1970	9	17.8	2.0
1971	41	199.6	4.9	1971	23	82.1	3.6	1971	5	9.4	1.9
1972	42	179.8	4.3	1972	30	103.2	3.4	1972	8	12.0	1.5
1973	19	119.7	6.3	1973	4	17.5	4.4	1973	0	0.0	
1974	69	334.9	4.9	1974	38	131.8	3.5	1974	12	18.6	1.6
1975	42	233.9	5.6	1975	16	61.9	3.9	1975	4	8.3	2.1
1976	58	235.1	4.1	1976	40	118.4	3.0	1976	16	17.9	1.1
1977	47	207.3	4.4	1977	31	102.7	3.3	1977	11	22.9	2.1
1978	50	252.6	5.1	1978	21	66.6	3.2	1978	10	18.4	1.8
1979	43	211.8	4.9	1979	28	112.9	4.0	1979	5	7.9	1.6
1980	38	203.4	5.4	1980	18	74.5	4.1	1980	1	1.7	1.7
1981	40	227.8	5.7	1981	15	64.5	4.3	1981	2	2.0	1.0
1982	54	224.1	4.2	1982	37	115.1	3.1	1982	18	32.8	1.8
1983	32	186.5	5.8	1983	13	56.5	4.3	1983	1	2.2	2.2
1984	39	193.6	5.0	1984	20	63.4	3.2	1984	7	8.6	1.2
1985	38	196.3	5.2	1985	16	56.9	3.6	1985	3	6.8	2.3
1986	26	131.7	5.1	1986	16	67.1	4.2	1986	2	4.1	2.1
1987	39	217.6	5.6	1987	19	82.5	4.3	1987	1	1.9	1.9
1988	25	161.9	6.5	1988	5	25.5	5.1	1988	0	0.0	
1989	46	225.1	4.9	1989	28	109.3	3.9	1989	3	8.0	2.7
1990	32	162.9	5.1	1990	20	82.6	4.1	1990	4	9.2	2.3
1991	48	269.1	5.6	1991	18	76.6	4.3	1991	1	2.4	2.4
1992	43	222.6	5.2	1992	23	85.0	3.7	1992	7	14.4	2.1
1993	11	68.8	6.3	1993	2	7.3	3.7	1993	0	0.0	
1994	45	241.7	5.4	1994	19	72.0	3.8	1994	5	10.8	2.2
1995	28	153.9	5.5	1995	14	61.7	4.4	1995	1	2.5	2.5
1996	26	134.7	5.2	1996	13	52.1	4.0	1996	1	2.7	2.7
1997	31	176.6	5.7	1997	11	42.4	3.9	1997	2	5.4	2.7
1998	24	127.3	5.3	1998	13	52.9	4.1	1998	3	7.3	2.4
1999	19	107.3	5.6	1999	7	31.1	4.4	1999	0	0.0	
2000	37	184.9	5.0	2000	22	88.4	4.0	2000	4	10.2	2.6
2001	47	265.1	5.6	2001	18	75.4	4.2	2001	3	6.6	2.2
2002	42	222.5	5.3	2002	22	87.7	4.0	2002	4	8.1	2.0
2003	23	116.5	5.1	2003	14	57.4	4.1	2003	2	2.3	1.2
2004	40	205.4	5.1	2004	21	77.6	3.7	2004	5	9.2	1.8
2005	16	97.1	6.1	2005	5	23.2	4.6	2005	0	0.0	
2006	29	175.2	6.0	2006	11	54.7	5.0	2006	0	0.0	
2007	40	213.2	5.3	2007	20	83.3	4.2	2007	3	7.6	2.5
2008	39	218.8	5.6	2008	18	79.3	4.4	2008	3	7.9	2.6
2009	29	167.0	5.8	2009	10	44.3	4.4	2009	0	0.0	
2010	28	166.5	5.9	2010	10	49.1	4.9	2010	0	0.0	
2011	55	293.3	5.3	2011	30	126.9	4.2	2011	1	2.4	2.4
2012	46	247.5	5.4	2012	25	110.1	4.4	2012	1	2.7	2.7
2013	25	143.6	5.7	2013	9	39.0	4.3	2013	0	0.0	
2014	30	165.1	5.5	2014	12	45.9	3.8	2014	2	4.7	2.4
2015	24	143.0	6.0	2015	8	36.8	4.6	2015	0	0.0	
2016	14	93.6	6.7	2016	2	10.3	5.2	2016	0	0.0	
2017	13	78.0	6.0	2017	5	23.0	4.6	2017	0	0.0	
2018	31	169.3	5.5	2018	13	53.9	4.1	2018	1	1.2	1.2
2019	22	121.4	5.5	2019	10	41.0	4.1	2019	2	3.5	1.8
2020	29	170.2	5.9	2020	11	49.1	4.5	2020	0	0.0	
2021	32	190.1	5.9	2021	11	49.3	4.5	2021	1	1.9	1.9
2022	30	172.4	5.7	2022	12	50.0	4.2	2022	1	2.0	2.0
50/50	Small screen unknown			50/50	Small screen unknown			50/50	Small screen unknown		
1962-1991	42.7	213.1	5.1	1962-1991	22.4	80.7	3.7	1962-1991	6.1	10.2	1.8
1992-2022	30.6	169.4	5.6	1992-2022	13.6	56.8	4.3	1992-2022	1.7	3.7	2.2

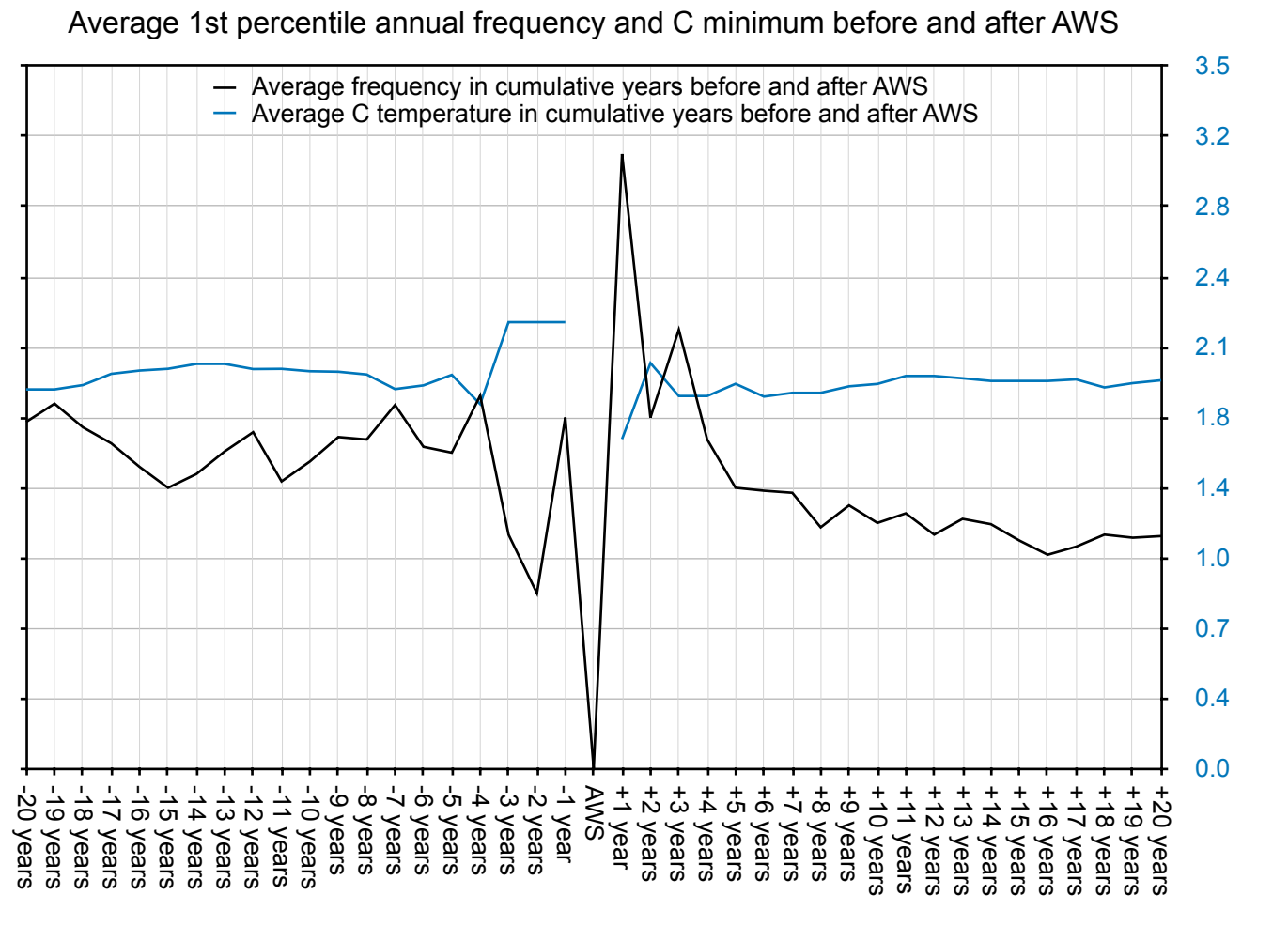
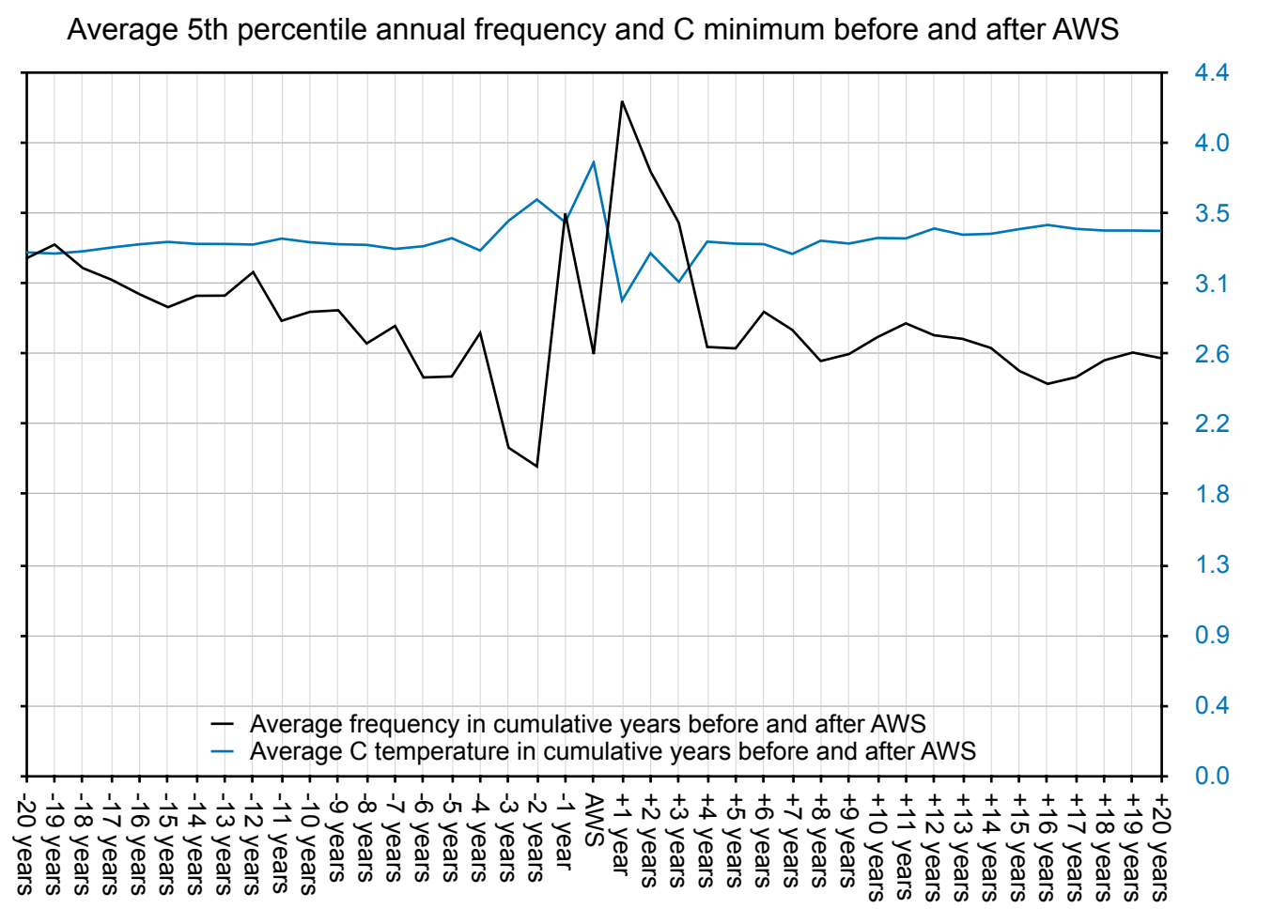
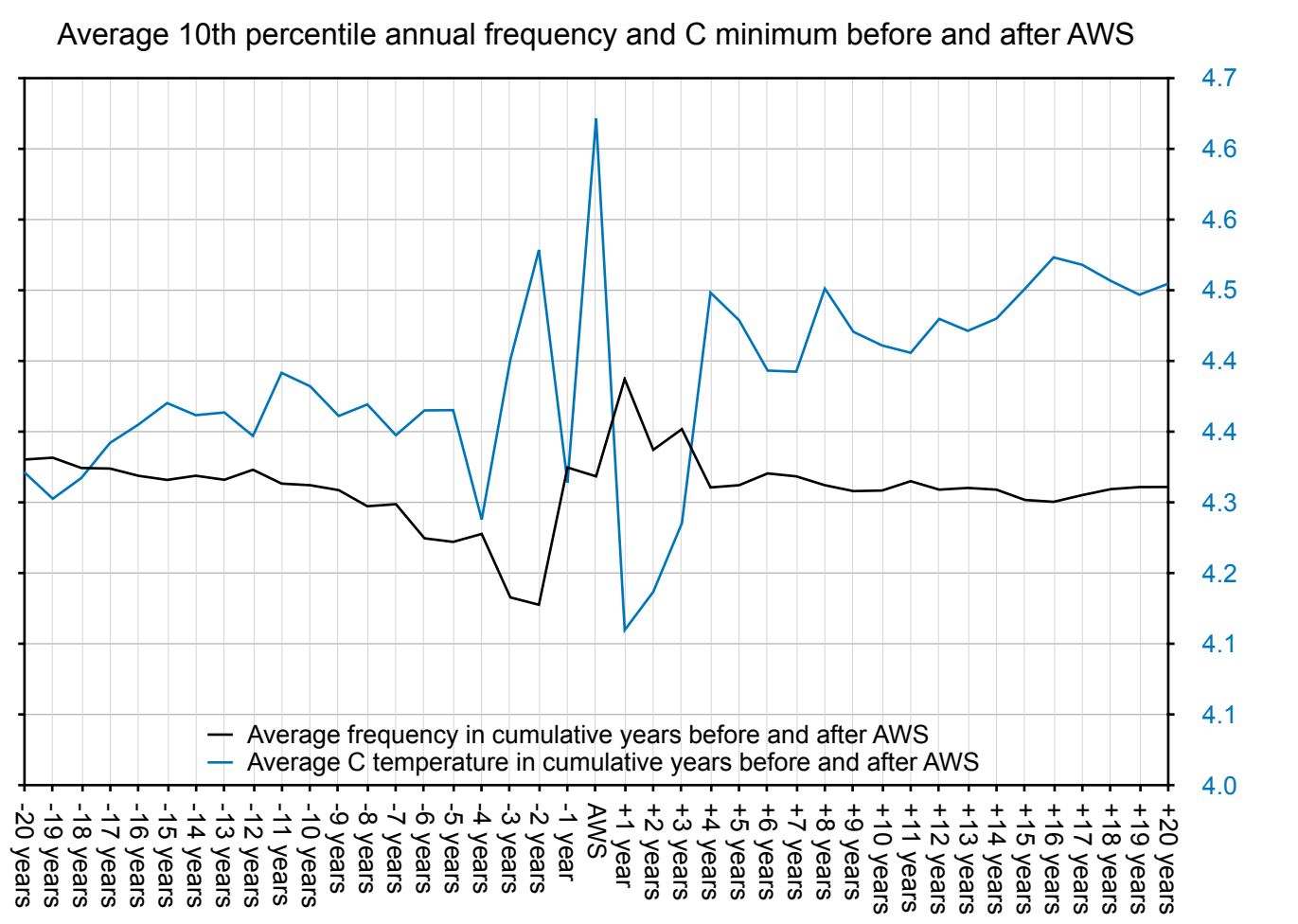




10th -1.1	Annual # days below 10th percentile	Annual total C in days below 10th percentile	Annual average C in days below 10th percentile	5th -2.6	Annual # days below 5th percentile	Annual total C in days below 5th percentile	Annual average C in days below 5th percentile	1st -4.8	Annual # days below 1st percentile	Annual total C in days below 1st percentile	Annual average C in days below 1st percentile	Pre and post cumulative averages	AWS 10th percentile average in years pre and post AWS	Pre and post cumulative averages	AWS 5th percentile average in years pre and post AWS	Pre and post cumulative averages	AWS 1st percentile average in years pre and post AWS			
													Av #	Av C		Av #	Av C			
1910	34	-67.2	-2.0	1910	9	-29.0	-3.2	1910	0	0.0										
1911	29	-74.8	-2.6	1911	14	-50.6	-3.6	1911	1	-5.3	-5.3									
1912	40	-79.9	-2.0	1912	11	-34.7	-3.2	1912	0	0.0										
1913	46	-104.0	-2.3	1913	13	-51.2	-3.9	1913	2	-12.3	-6.2									
1914	32	-62.0	-1.9	1914	8	-24.4	-3.1	1914	0	0.0										
1915	18	-27.0	-1.5	1915	0	0.0		1915	0	0.0										
1916	16	-26.5	-1.7	1916	1	-3.3	-3.3	1916	0	0.0										
1917	35	-71.1	-2.0	1917	6	-22.6	-3.8	1917	0	0.0										
1918	29	-75.8	-2.6	1918	12	-46.4	-3.9	1918	2	-11.7	-5.9									
1919	29	-80.3	-2.8	1919	13	-52.6	-4.0	1919	3	-17.5	-5.8									
1920	14	-28.3	-2.0	1920	3	-10.5	-3.5	1920	0	0.0										
1921	19	-40.0	-2.1	1921	4	-12.8	-3.2	1921	0	0.0										
1922	23	-53.4	-2.3	1922	9	-31.0	-3.4	1922	0	0.0										
1923	2	-2.2	-1.1	1923	0	0.0		1923	0	0.0										
1924	28	-105.3	-3.8	1924	24	-98.6	-4.1	1924	5	-30.5	-6.1									
1925	17	-31.9	-1.9	1925	4	-12.8	-3.2	1925	0	0.0										
1926	17	-40.6	-2.4	1926	9	-28.2	-3.1	1926	0	0.0										
1927	69	-264.6	-3.8	1927	48	-228.8	-4.8	1927	19	-118.0	-6.2									
1928	32	-75.3	-2.4	1928	14	-45.2	-3.2	1928	0	0.0										
1929	52	-172.4	-3.3	1929	32	-138.1	-4.3	1929	11	-64.4	-5.9									
1930	18	-35.1	-2.0	1930	4	-11.9	-3.0	1930	0	0.0										
1931	19	-38.1	-2.0	1931	5	-16.3	-3.3	1931	0	0.0										
1932	37	-98.1	-2.7	1932	20	-67.8	-3.4	1932	1	-4.8	-4.8									
1933	34	-90.9	-2.7	1933	19	-63.3	-3.3	1933	0	0.0										
1934	24	-68.2	-2.8	1934	13	-49.7	-3.8	1934	3	-16.0	-5.3									
1935	43	-114.8	-2.7	1935	15	-67.1	-4.5	1935	6	-35.0	-5.8									
1936	37	-103.2	-2.8	1936	15	-62.7	-4.2	1936	3	-16.8	-5.6									
1937	43	-114.9	-2.7	1937	18	-72.6	-4.0	1937	5	-27.9	-5.6									
1938	28	-70.0	-2.5	1938	13	-42.3	-3.3	1938	0	0.0										
1939	20	-46.6	-2.3	1939	5	-18.4	-3.7	1939	0	0.0										
1940	68	-190.0	-2.8	1940	37	-136.3	-3.7	1940	6	-30.3	-5.1									
1941	44	-136.6	-3.1	1941	24	-101.9	-4.2	1941	9	-48.4	-5.4									
1942	13	-21.6	-1.7	1942	1	-2.8	-2.8	1942	0	0.0										
1943	28	-73.2	-2.6	1943	10	-40.3	-4.0	1943	3	-17.9	-6.0									
1944	57	-171.8	-3.0	1944	31	-125.8	-4.1	1944	7	-41.5	-5.9									
1945	30	-67.8	-2.3	1945	10	-36.1	-3.6	1945	0	0.0										
1946	49	-125.8	-2.6	1946	21	-78.6	-3.7	1946	3	-17.7	-5.9									
1947	23	-53.9	-2.3	1947	8	-27.1	-3.4	1947	1	-5.0	-5.0									
1948	55	-165.4	-3.0	1948	33	-128.3	-3.9	1948	5	-29.0	-5.8									
1949	28	-84.7	-3.0	1949	17	-64.8	-3.8	1949	2	-11.1	-5.6									
1950	13	-35.4	-2.7	1950	6	-22.8	-3.8	1950	1	-5.0	-5.0									
1951	25	-60.2	-2.4	1951	11	-35.0	-3.2	1951	0	0.0										
1952	22	-60.0	-2.7	1952	12	-42.4	-3.5	1952	1	-5.0	-5.0									
1953	41	-121.4	-3.0	1953	22	-92.5	-4.2	1953	7	-38.8	-5.5									
1954	46	-132.6	-2.9	1954	24	-95.1	-4.0	1954	2	-10.3	-5.2	20 years	38.4	-2.8	20 years	18.7	-3.8	20 years	3.9	-5.5
1955	32	-96.3	-3.0	1955	17	-70.2	-4.1	1955	6	-32.0	-5.3	19 years	37.2	-2.7	19 years	18.0	-3.8	19 years	3.4	-5.5
1956	28	-84.4	-3.0	1956	18	-68.4	-3.8	1956	3	-19.5	-6.5	18 years	36.6	-2.7	18 years	17.5	-3.8	18 years	3.3	-5.5
1957	57	-193.0	-3.4	1957	37	-160.4	-4.3	1957	14	-80.5	-5.8	17 years	37.4	-2.7	17 years	17.7	-3.8	17 years	3.4	-5.5
1958	25	-77.4	-3.1	1958	12	-55.9	-4.7	1958	5	-31.1	-6.2	16 years	35.8	-2.7	16 years	16.4	-3.8	16 years	3.3	-5.5
1959	49	-133.5	-2.7	1959	22	-87.0	-4.0	1959	2	-13.9	-7.0	15 years	35.5	-2.7	15 years	16.7	-3.8	15 years	3.5	-5.6
1960	35	-95.5	-2.7	1960	22	-73.3	-3.3	1960	1	-5.0	-5.0	14 years	36.8	-2.8	14 years	17.7	-3.8	14 years	3.7	-5.6
1961	33	-95.6	-2.9	1961	20	-77.8	-3.9	1961	6	-32.3	-5.4	13 years	34.3	-2.7	13 years	16.4	-3.8	13 years	3.3	-5.6
1962	47	-145.1	-3.1	1962	23	-103.4	-4.5	1962	8	-50.2	-6.3	12 years	35.3	-2.7	12 years	16.8	-3.8	12 years	3.3	-5.6
1963	28	-68.4	-2.4	1963	10	-37.8	-3.8	1963	1	-5.6	-5.6	11 years	34.5	-2.7	11 years	15.9	-3.8	11 years	3.0	-5.6
1964	34	-88.9	-2.6	1964	14	-57.4	-4.1	1964	4	-23.6	-5.9	10 years	32.8	-2.6	10 years	14.4	-3.8	10 years	2.7	-5.6
1965	56	-187.3	-3.3	1965	37	-152.8	-4.1	1965	11	-64.1	-5.8	9 years	31.3	-2.6	9 years	13.7	-3.7	9 years	2.6	-5.4
1966	46	-134.1	-2.9	1966	26	-97.4	-3.7	1966	4	-19.8	-5.0	8 years	31.0	-2.6	8 years	12.9	-3.7	8 years	2.1	-5.4
1967	44	-132.7	-3.0	1967	26	-104.4	-4.0	1967	6	-33.8	-5.6	7 years	30.7	-2.6	7 years	13.0	-3.7	7 years	2.1	-5.4
1968	34	-101.2	-3.0	1968	15	-68.4	-4.6	1968	5	-31.7	-6.3	6 years	32.0	-2.5	6 years	13.5	-3.8	6 years	2.3	-5.3
1969	36	-96.0	-2.7	1969	17	-65.9	-3.9	1969	3	-18.1	-6.0	5 years	35.0	-2.6	5 years	15.4	-3.8	5 years	2.6	-5.5
1970	47	-147.8	-3.1	1970	28	-116.4	-4.2	1970	8	-47.5	-5.9	4 years	39.3	-2.7	4 years	18.0	-3.9	4 years	3.3	-5.5
1971	59	-210.6	-3.6	1971	38	-173.3	-4.6	1971	14	-91.6	-6.5	3 years	39.7	-2.7	3 years	18.0	-3.8	3 years	3.7	-5.5
1972	48	-154.5	-3.2	1972	29	-119.9	-4.1	1972	7	-40.8	-5.8	2 years	45.0	-2.7	2 years	21.5	-3.8	2 years	4.0	-5.5
1973	30	-73.7	-2.5	1973	10	-39.0	-3.9	1973	2	-12.2	-6.1	1 years	28.0	-2.6	1 years	12.0	-3.6	1 years	0.0	
1974	37	-117.8	-3.2	1974	18	-83.7	-4.7	1974	8	-45.9	-5.7	0 years	26.0	-2.6	0 years	10.0	-4.0	0 years	1.0	-5.5
1975	40	-119.3	-3.0	1975	21	-81.5	-3.9	1975	3	-16.0	-5.3	1 years	51.0	-3.2	1 years	31.0	-4.0	1 years	8.0	-5.5
1976	60	-193.2	-3.2	1976	32	-140.5	-4.4	1976	12	-67.2	-5.6	2 years	37.0	-2.9	2 years	21.0	-3.8	2 years	4.0	-5.5
1977	48	-140.6	-2.9	1977	27	-105.9	-3.9	1977	5	-25.4	-5.1	3 years	39.3	-2.9	3 years	22.3	-3.7	3 years	3.7	-5.3
1978	24	-71.8	-3.0	1978	14	-52.0	-3.7	1978	2	-11.0	-5.5	4 years	39.5	-3.0	4 years	23.3	-3.8	4 years	4.5	-5.3
1979	63	-187.1	-3.0	1979	38	-142.4	-3.7	1979	5	-26.8	-5.4	5 years	40.2	-3.0	5 years	23.8	-3.8	5 years	4.8	-5.3
1980	39	-89.1	-2.3	1980	12	-39.8	-3.3	1980	1	-5.0	-5.0	6 years	43.7	-3.1	6 years	27.2	-3.9	6 years	6.3	-5.4
1981	18	-36.5	-2.0	1981	3	-9.2	-3.1	1981	0	0.0		7 years	42.0	-3.0	7 years	26.1	-3.8	7 years	5.4	-5.4
1982	69	-207.0	-3.0	1982	35	-142.9	-4.1	1982	9	-50.1	-5.6	8 years	41.5	-3.0	8 years	24.4	-3.8	8 years	4.8	-5.4
1983	22	-69.2	-3.1	1983	12	-49.6	-4.1	1983	3	-15.4	-5.1	9 years	41.3	-2.9	9 years	23.9	-3.8	9 years	4.6	-5.4
1984	44	-134.6	-3.1	1984	26	-101.0	-3.9	1984	7	-38.5	-5.5	10 years	44.4	-3.0	10 years	26.0	-3.8	10 years	5.8	-5.4
1985	52	-161.8	-3.1	1985	31	-123.5	-4.0	1985	6	-35.8	-6.0	11 years	43.2	-3.0	11 years	24.9	-3.8	11 years	5.5	-5.4
1986	46	-128.1	-2.8	1986	21	-83.4	-4.0	1986	4	-26.7	-6.7	12 years	43.0	-2.9	12 years	24.6	-3.8	12 years	5.1	-5.4
1987	34	-107.6	-3.2	1987	20	-77.8	-3.9	1987	6	-32.3	-5.4	13 years	42.4	-2.9	13 years	23.5	-3.8	13 years	4.8	-5.4
1988	33	-84.6	-2.6	1988	12	-44.5	-3.7	1988	2	-10.9	-5.5	14 years	41.9	-2.9	14 years	23.0	-3.8	14 years	4.8	-5.4
1989	23	-59.5	-2.6	1989	10	-35.7	-3.6	1989	1	-5.7	-5.7	15 years	41.8	-2.9	15 years	22.9	-3.8	15 years	4.9	-5.4
1990	17	-36.7	-2.2	1990	4	-14.5	-3.6	1990	1	-5.0	-5.0	16 years	42.8	-2.9	16 years	23.6	-3.8			



10th 6.0	Annual # days below 10th percentile	Annual total C in days below 10th percentile	Annual average C in days below 10th percentile	5th 4.4	Annual # days below 5th percentile	Annual total C in days below 5th percentile	Annual average C in days below 5th percentile	1st 2.4	Annual # days below 1st percentile	Annual total C in days below 1st percentile	Annual average C in days below 1st percentile	Pre and post cumulative averages		AWS 10th percentile average in years pre and post AWS		Pre and post cumulative averages		AWS 5th percentile average in years pre and post AWS		Pre and post cumulative averages		AWS 1st percentile average in years pre and post AWS	
												Av #	Av C	Av #	Av C	Av #	Av C	Av #	Av C				
1955	20	86.9	4.3	1955	15	60.7	4.0	1955	0	0.0													
1956	28	129.4	4.6	1956	16	64.6	4.0	1956	0	0.0													
1957	38	154.4	4.1	1957	24	80.2	3.3	1957	6	10.0	1.7												
1958	33	109.5	3.3	1958	24	61.5	2.6	1958	9	6.2	0.7												
1959	27	119.7	4.4	1959	13	44.3	3.4	1959	3	5.5	1.8												
1960	47	195.2	4.2	1960	25	79.2	3.2	1960	9	16.2	1.8												
1961	39	135.0	3.5	1961	29	83.2	2.9	1961	7	10.0	1.4												
1962	15	76.3	5.1	1962	5	21.5	4.3	1962	0	0.0													
1963	31	123.9	4.0	1963	18	54.7	3.0	1963	9	18.8	2.1												
1964	35	134.6	3.8	1964	25	82.5	3.3	1964	5	7.7	1.5												
1965	40	125.8	3.1	1965	27	55.9	2.1	1965	15	14.3	1.0												
1966	48	230.0	4.8	1966	17	64.8	3.8	1966	1	1.7	1.7												
1967	43	173.1	4.0	1967	26	85.7	3.3	1967	6	12.2	2.0												
1968	36	145.8	4.1	1968	21	64.8	3.1	1968	8	13.9	1.7												
1969	39	172.3	4.4	1969	18	61.9	3.4	1969	3	5.0	1.7												
1970	56	214.8	3.8	1970	36	113.7	3.2	1970	5	5.9	1.2												
1971	51	186.2	3.7	1971	36	105.8	2.9	1971	7	8.7	1.2												
1972	31	129.0	4.2	1972	18	60.4	3.4	1972	2	3.4	1.7												
1973	12	59.0	4.9	1973	2	7.5	3.8	1973	0	0.0													
1974	29	135.5	4.7	1974	9	30.5	3.4	1974	0	0.0													
1975	34	156.1	4.6	1975	12	40.1	3.3	1975	2	3.6	1.8												
1976	64	255.6	4.0	1976	38	119.0	3.1	1976	9	15.5	1.7												
1977	51	212.2	4.2	1977	26	82.9	3.2	1977	6	10.0	1.7												
1978	33	158.1	4.8	1978	10	33.4	3.3	1978	1	1.4	1.4												
1979	35	169.6	4.8	1979	11	36.7	3.3	1979	2	4.6	2.3												
1980	32	151.4	4.7	1980	8	25.8	3.2	1980	0	0.0		20 years	36.9	4.3	20 years	18.4	3.3	20 years	4.0	1.9			
1981	33	158.7	4.8	1981	9	30.8	3.4	1981	0	0.0		19 years	37.1	4.3	19 years	18.9	3.3	19 years	4.2	1.9			
1982	58	227.1	3.9	1982	34	102.5	3.0	1982	9	13.9	1.5	18 years	35.9	4.3	18 years	18.1	3.3	18 years	3.9	1.9			
1983	37	137.5	3.7	1983	25	72.0	2.9	1983	7	7.5	1.1	17 years	35.9	4.3	17 years	17.6	3.3	17 years	3.7	2.0			
1984	49	198.3	4.0	1984	26	77.5	3.0	1984	8	13.9	1.7	16 years	35.1	4.4	16 years	17.1	3.3	16 years	3.4	2.0			
1985	42	169.7	4.0	1985	24	74.5	3.1	1985	7	13.1	1.9	15 years	34.6	4.4	15 years	16.7	3.3	15 years	3.2	2.0			
1986	28	127.3	4.5	1986	11	38.7	3.5	1986	1	1.7	1.7	14 years	35.1	4.4	14 years	17.1	3.3	14 years	3.4	2.0			
1987	41	177.6	4.3	1987	17	56.7	3.3	1987	0	0.0		13 years	34.6	4.4	13 years	17.1	3.3	13 years	3.6	2.0			
1988	21	97.6	4.6	1988	7	23.6	3.4	1988	1	2.3	2.3	12 years	35.8	4.3	12 years	17.9	3.3	12 years	3.8	2.0			
1989	53	194.0	3.7	1989	37	107.9	2.9	1989	10	12.8	2.0	11 years	34.2	4.4	11 years	16.2	3.4	11 years	3.3	2.0			
1990	36	163.5	4.5	1990	13	46.7	3.6	1990	1	2.1	2.1	10 years	34.0	4.4	10 years	16.5	3.3	10 years	3.5	2.0			
1991	39	181.7	4.7	1991	16	55.2	3.5	1991	1	2.0	2.0	9 years	33.4	4.4	9 years	16.6	3.3	9 years	3.8	2.0			
1992	48	205.2	4.3	1992	26	87.4	3.4	1992	4	8.3	2.1	8 years	31.6	4.4	8 years	15.4	3.3	8 years	3.8	2.0			
1993	30	137.7	4.6	1993	11	38.5	3.5	1993	1	2.4	2.4	7 years	31.9	4.3	7 years	16.0	3.3	7 years	4.1	1.9			
1994	55	231.0	4.2	1994	27	86.3	3.2	1994	7	12.6	1.8	6 years	28.0	4.4	6 years	14.2	3.3	6 years	3.7	1.9			
1995	30	131.1	4.4	1995	14	42.9	3.1	1995	4	6.8	1.7	5 years	27.6	4.4	5 years	14.2	3.4	5 years	3.6	2.0			
1996	24	115.3	4.8	1996	8	29.4	3.7	1996	1	2.4	2.4	4 years	28.5	4.3	4 years	15.8	3.3	4 years	4.3	1.8			
1997	50	189.5	3.8	1997	28	76.4	2.7	1997	9	9.0	1.0	3 years	21.3	4.4	3 years	11.7	3.5	3 years	2.7	2.2			
1998	23	96.7	4.2	1998	13	41.7	3.2	1998	4	8.9	2.2	2 years	20.5	4.5	2 years	11.0	3.6	2 years	2.0	2.2			
1999	5	23.8	4.8	1999	2	7.5	3.8	1999	0	0.0		1 years	36.0	4.3	1 years	20.0	3.5	1 years	4.0	2.2			
2000	36	154.8	4.3	2000	20	69.3	3.5	2000	4	8.9	2.2	0 years	35.0	4.7	0 years	15.0	3.8	0 years	0.0				
2001	35	163.1	4.7	2001	15	57.6	3.8	2001	0	0.0		1 years	46.0	4.2	1 years	24.0	3.0	1 years	7.0	1.6			
2002	46	191.1	4.2	2002	24	71.4	3.0	2002	7	11.5	1.6	2 years	38.0	4.2	2 years	21.5	3.3	2 years	4.0	2.0			
2003	30	126.9	4.2	2003	19	67.8	3.6	2003	1	2.4	2.4	3 years	40.3	4.3	3 years	19.7	3.1	3 years	5.0	1.9			
2004	45	197.8	4.4	2004	16	43.7	2.7	2004	7	10.7	1.5	4 years	33.8	4.5	4 years	15.3	3.3	4 years	3.8	1.9			
2005	14	72.4	5.2	2005	2	8.2	4.1	2005	0	0.0		5 years	34.0	4.5	5 years	15.2	3.3	5 years	3.2	1.9			
2006	35	152.3	4.4	2006	15	49.2	3.3	2006	1	2.1	2.1	6 years	35.3	4.4	6 years	16.5	3.3	6 years	3.2	1.9			
2007	42	174.8	4.2	2007	23	76.2	3.3	2007	3	4.8	1.6	7 years	35.0	4.4	7 years	15.9	3.3	7 years	3.1	1.9			
2008	33	145.3	4.4	2008	12	34.8	2.9	2008	3	5.9	2.0	8 years	34.0	4.5	8 years	14.8	3.3	8 years	2.8	1.9			
2009	27	136.8	5.1	2009	7	27.5	3.9	2009	0	0.0		9 years	33.3	4.4	9 years	15.0	3.3	9 years	3.0	1.9			
2010	28	115.0	4.1	2010	17	54.2	3.2	2010	5	10.5	2.1	10 years	33.4	4.4	10 years	15.6	3.4	10 years	2.8	1.9			
2011	34	146.7	4.3	2011	21	77.3	3.7	2011	1	2.0	2.0	11 years	34.5	4.4	11 years	16.1	3.4	11 years	2.9	2.0			
2012	45	196.0	4.4	2012	21	70.1	3.3	2012	4	9.1	2.3	12 years	33.5	4.5	12 years	15.7	3.4	12 years	2.7	2.0			
2013	23	111.1	4.8	2013	11	45.2	4.1	2013	0	0.0		13 years	33.7	4.5	13 years	15.5	3.4	13 years	2.8	1.9			
2014	36	155.1	4.3	2014	14	40.9	2.9	2014	5	9.2	1.8	14 years	33.5	4.5	14 years	15.2	3.4	14 years	2.8	1.9			
2015	31	143.2	4.6	2015	11	38.1	3.5	2015	2	3.6	1.8	15 years	32.3	4.5	15 years	14.4	3.4	15 years	2.6	1.9			
2016	16	78.5	4.9	2016	3	11.5	3.8	2016	0	0.0		16 years	32.1	4.5	16 years	13.9	3.4	16 years	2.4	1.9			
2017	29	144.6	5.0	2017	7	26.9	3.8	2017	0	0.0		17 years	32.9	4.5	17 years	14.2	3.4	17 years	2.5	1.9			
2018	45	197.9	4.4	2018	18	54.5	3.0	2018	4	8.1	2.0	18 years	33.6	4.5	18 years	14.8	3.4	18 years	2.7	1.9			
2019	45	190.3	4.2	2019	25	80.9	3.2	2019	5	7.1	1.4	19 years	33.8	4.5	19 years	15.1	3.4	19 years	2.6	1.9			
2020	38	161.1	4.2	2020	20	68.2	3.4	2020	2	4.4	2.2	20 years	33.8	4.5	20 years	14.9	3.4	20 years	2.7	1.9			
2021	34	159.9	4.7	2021	11	37.1	3.4	2021	3	6.4	2.1												
2022	30	125.9	4.2	2022	16	51.7	3.2	2022	1	1.1	1.1												









10th 3.9	Annual # days below 10th percentile	Annual total C in days below 10th percentile	Annual average C in days below 10th percentile	5th 2.2	Annual # days below 5th percentile	Annual total C in days below 5th percentile	Annual average C in days below 5th percentile	1st 0.0	Annual # days below 1st percentile	Annual total C in days below 1st percentile	Annual average C in days below 1st percentile	Pre and post cumulative averages	AWS 10th percentile average in years pre and post AWS		Pre and post cumulative averages	AWS 5th percentile average in years pre and post AWS		Pre and post cumulative averages	AWS 1st percentile average in years pre and post AWS		
													Av #	Av C		Av #	Av C		Av #	Av C	
1910	25	70.2	2.8	1910	5	5.3	1.1	1910	1	-0.1	-0.1										
1911	42	66.1	1.6	1911	26	16.4	0.6	1911	6	-7.7	-1.3										
1912	34	80.4	2.4	1912	15	20.7	1.4	1912	0	0.0	0.0										
1913	52	124.6	2.4	1913	22	31.0	1.4	1913	1	0.0	0.0										
1914	36	91.8	2.6	1914	13	14.9	1.1	1914	2	-1.2	-0.6										
1915	29	89.1	3.1	1915	7	11.8	1.7	1915	0	0.0	0.0										
1916	24	77.4	3.2	1916	4	8.8	2.2	1916	0	0.0	0.0										
1917	48	110.6	2.3	1917	23	25.6	1.1	1917	6	-3.9	-0.7										
1918	61	86.4	1.4	1918	41	19.6	0.5	1918	17	-16.2	-1.0										
1919	41	58.7	1.4	1919	23	-0.6	-0.0	1919	13	-14.1	-1.1										
1920	24	67.3	2.8	1920	6	7.9	1.3	1920	1	0.0	0.0										
1921	14	47.2	3.4	1921	0	0.0		1921	0	0.0											
1922	39	98.5	2.5	1922	17	26.8	1.6	1922	2	-1.1	-0.6										
1923	30	89.8	3.0	1923	6	8.9	1.5	1923	1	0.0	0.0										
1924	52	129.5	2.5	1924	21	27.3	1.3	1924	4	-0.6	-0.2										
1925	47	114.7	2.4	1925	22	29.2	1.3	1925	3	-0.6	-0.2										
1926	27	80.4	3.0	1926	6	9.4	1.6	1926	0	0.0	0.0										
1927	51	96.5	1.9	1927	29	28.0	1.0	1927	9	-7.2	-0.8										
1928	42	104.5	2.5	1928	19	24.5	1.3	1928	3	-1.7	-0.6										
1929	60	88.1	1.5	1929	39	20.4	0.5	1929	17	-13.6	-0.8										
1930	35	104.1	3.0	1930	9	11.8	1.3	1930	1	-0.6	-0.6										
1931	30	90.0	3.0	1931	5	10.2	2.0	1931	0	0.0	0.0										
1932	39	87.4	2.2	1932	22	26.8	1.2	1932	4	-3.3	-0.8										
1933	37	85.9	2.3	1933	18	24.2	1.3	1933	4	-0.3	-0.1										
1934	35	99.7	2.8	1934	14	27.1	1.9	1934	0	0.0	0.0										
1935	38	86.3	2.3	1935	19	27.4	1.4	1935	2	-0.6	-0.3										
1936	35	72.8	2.1	1936	20	19.9	1.0	1936	5	-1.7	-0.3										
1937	50	129.5	2.6	1937	18	28.4	1.6	1937	0	0.0	0.0										
1938	33	83.3	2.5	1938	13	17.2	1.3	1938	1	-0.7	-0.7										
1939	32	95.8	3.0	1939	6	9.5	1.6	1939	0	0.0	0.0										
1940	46	93.0	2.0	1940	24	24.2	1.0	1940	5	-3.1	-0.6										
1941	47	105.7	2.2	1941	24	33.1	1.4	1941	2	-1.0	-0.5										
1942	27	76.4	2.8	1942	6	8.1	1.4	1942	1	-0.3	-0.3										
1943	60	106.2	1.8	1943	38	34.1	0.9	1943	11	-6.4	-0.6										
1944	45	114.1	2.5	1944	20	30.9	1.5	1944	2	-1.1	-0.6										
1945	30	63.1	2.1	1945	20	28.6	1.4	1945	1	-1.7	-1.7										
1946	50	108.8	2.2	1946	26	31.3	1.2	1946	5	-0.6	-0.1										
1947	33	84.1	2.5	1947	14	16.9	1.2	1947	3	0.0	0.0										
1948	50	123.3	2.5	1948	20	30.1	1.5	1948	1	-0.6	-0.6										
1949	57	135.4	2.4	1949	25	26.8	1.1	1949	5	-3.8	-0.8										
1950	13	35.9	2.8	1950	4	6.2	1.6	1950	0	0.0	0.0										
1951	45	119.6	2.7	1951	15	18.5	1.2	1951	2	-1.1	-0.6										
1952	41	97.4	2.4	1952	19	24.0	1.3	1952	3	-1.7	-0.6										
1953	49	116.9	2.4	1953	21	18.0	0.9	1953	8	-1.1	-0.1										
1954	31	90.6	2.9	1954	7	11.8	1.7	1954	0	0.0	0.0										
1955	32	61.6	1.9	1955	20	22.2	1.1	1955	3	-1.2	-0.4										
1956	17	53.9	3.2	1956	3	5.0	1.7	1956	0	0.0	0.0										
1957	40	100.5	2.5	1957	17	22.8	1.3	1957	3	-2.8	-0.9										
1958	34	69.6	2.0	1958	19	19.0	1.0	1958	4	-3.4	-0.9										
1959	28	75.4	2.7	1959	9	12.2	1.4	1959	1	-0.6	-0.6										
1960	50	124.1	2.5	1960	18	16.2	0.9	1960	4	-0.6	-0.2										
1961	38	85.2	2.2	1961	22	27.5	1.3	1961	2	-0.6	-0.3										
1962	31	86.5	2.8	1962	9	11.6	1.3	1962	2	-0.6	-0.3										
1963	40	83.4	2.1	1963	22	24.6	1.1	1963	4	-1.7	-0.4										
1964	34	78.3	2.3	1964	15	12.8	0.9	1964	5	-4.5	-0.9										
1965	48	118.2	2.5	1965	20	23.2	1.2	1965	2	-1.1	-0.6										
1966	37	95.1	2.6	1966	12	11.4	1.0	1966	2	-1.2	-0.6										
1967	31	75.3	2.4	1967	17	26.5	1.6	1967	0	0.0	0.0										
1968	38	101.5	2.7	1968	15	22.6	1.5	1968	2	-2.5	-1.3										
1969	35	114.2	3.3	1969	5	9.5	1.9	1969	0	0.0	0.0										
1970	64	160.8	2.5	1970	25	29.4	1.2	1970	5	-1.9	-0.4										
1971	44	82.4	1.9	1971	24	22.0	0.9	1971	8	-3.8	-0.5										
1972	29	77.5	2.7	1972	9	7.3	0.8	1972	1	-1.7	-1.7										
1973	17	51.0	3.0	1973	2	2.6	1.3	1973	0	0.0	0.0										
1974	32	63.8	2.0	1974	15	12.1	0.8	1974	2	0.0	0.0										
1975	29	83.1	2.9	1975	6	8.5	1.4	1975	1	0.0	0.0										
1976	42	86.6	2.1	1976	21	23.0	1.1	1976	3	-0.6	-0.2										
1977	42	94.6	2.3	1977	18	20.7	1.2	1977	1	0.0	0.0										
1978	35	83.0	2.4	1978	14	14.6	1.0	1978	1	-0.1	-0.1	20 years	27.4	2.3	20 years	11.7	1.3	20 years	1.8	-0.5	
1979	30	81.8	2.7	1979	7	11.9	1.7	1979	0	0.0	0.0	19 years	27.0	2.3	19 years	11.5	1.3	19 years	1.8	-0.5	
1980	20	57.6	2.9	1980	4	6.2	1.6	1980	0	0.0	0.0	18 years	26.8	2.3	18 years	11.8	1.3	18 years	1.9	-0.5	
1981	21	58.6	2.8	1981	3	4.0	1.3	1981	0	0.0	0.0	17 years	27.2	2.3	17 years	12.2	1.2	17 years	2.0	-0.5	
1982	41	88.2	2.2	1982	20	22.2	1.1	1982	3	-1.4	-0.5	16 years	27.6	2.2	16 years	12.8	1.2	16 years	2.1	-0.5	
1983	27	43.8	1.6	1983	18	17.4	1.0	1983	6	-1.0	-0.2	15 years	26.7	2.2	15 years	12.3	1.2	15 years	2.1	-0.5	
1984	26	68.0	2.6	1984	9	14.3	1.6	1984	0	0.0	0.0	14 years	26.7	2.3	14 years	11.9	1.3	14 years	1.8	-0.6	
1985	26	62.4	2.4	1985	10	13.6	1.4	1985	1	0.0	0.0	13 years	26.8	2.2	13 years	12.2	1.2	13 years	1.9	-0.6	
1986	39	78.3	2.0	1986	20	17.2	0.9	1986	6	-2.7	-0.5	12 years	26.8	2.2	12 years	12.3	1.2	12 years	2.0	-0.7	
1987	28	71.9	2.6	1987	10	15.7	1.6	1987	0	0.0	0.0	11 years	25.7	2.3	11 years	11.6	1.3	11 years	1.6	-0.7	
1988	11	30.0	2.7	1988	2	3.4	1.7	1988	0	0.0	0.0	10 years	25.5	2.2	10 years	11.8	1.2	10 years	1.8	-0.7	
1989	34	79.4	2.3	1989	15	19.8	1.3	1989	2	-0.5	-0.3	9 years	27.1	2.2	9 years	12.9	1.2	9 years	2.0	-0.7	
1990	18	48.1	2.7	1990	3	3.7	1.2	1990	0	0.0	0.0	8 years	26.3	2.1	8 years	12.6	1.2	8 years	2.0	-0.8	



10th 2.2	Annual # days below 10th percentile	Annual total C in days below 10th percentile	Annual average C in days below 10th percentile	5th 0.9	Annual # days below 5th percentile	Annual total C in days below 5th percentile	Annual average C in days below 5th percentile	1st -1.1	Annual # days below 1st percentile	Annual total C in days below 1st percentile	Annual average C in days below 1st percentile	Pre and post cumulative averages	AWS 10th percentile average in years pre and post AWS	Pre and post cumulative averages	AWS 5th percentile average in years pre and post AWS	Pre and post cumulative averages	AWS 1st percentile average in years pre and post AWS			
													Av # Av C		Av # Av C		Av # Av C			
1910	36	38.0	1.1	1910	14	1.1	0.1	1910	2	-2.4	-1.2									
1911	44	26.5	0.6	1911	31	1.8	0.1	1911	0	0.0	0.0									
1912	28	27.2	1.0	1912	7	-4.8	-0.7	1912	2	-2.8	-1.4									
1913	8	7.1	0.9	1913	3	-0.8	-0.3	1913	1	-1.1	-1.1									
1914	50	24.9	0.5	1914	27	-11.2	-0.4	1914	6	-12.1	-2.0									
1915	17	13.2	0.8	1915	8	-2.0	-0.3	1915	1	-1.1	-1.1									
1916	55	19.8	0.4	1916	34	-18.2	-0.5	1916	9	-18.0	-2.0									
1917	53	65.1	1.2	1917	17	5.2	0.3	1917	0	0.0	0.0									
1918	36	11.0	0.3	1918	23	-8.8	-0.4	1918	6	-9.2	-1.5									
1919	45	29.5	0.7	1919	27	-2.0	-0.1	1919	5	-5.9	-1.2									
1920	36	24.0	0.7	1920	17	-7.4	-0.4	1920	4	-6.6	-1.7									
1921	29	35.0	1.2	1921	11	4.2	0.4	1921	0	0.0	0.0									
1922	47	27.0	0.6	1922	29	-2.5	-0.1	1922	4	-5.9	-1.5									
1923	29	27.8	1.0	1923	15	1.1	0.1	1923	1	-2.1	-2.1									
1924	45	46.6	1.0	1924	20	3.5	0.2	1924	1	-1.1	-1.1									
1925	61	26.8	0.4	1925	36	-14.4	-0.4	1925	10	-19.4	-1.9									
1926	24	23.6	1.0	1926	10	1.6	0.2	1926	0	0.0	0.0									
1927	39	33.1	0.8	1927	17	-5.6	-0.3	1927	4	-9.8	-2.5									
1928	35	32.8	0.9	1928	14	-2.3	-0.2	1928	3	-4.8	-1.6									
1929	53	50.1	0.9	1929	19	-4.4	-0.2	1929	3	-5.0	-1.7									
1930	29	36.2	1.2	1930	9	-1.1	-0.1	1930	1	-1.8	-1.8									
1931	49	14.2	0.3	1931	32	-12.5	-0.4	1931	8	-12.9	-1.6									
1932	40	36.8	0.9	1932	17	-2.3	-0.1	1932	1	-1.2	-1.2									
1933	35	20.1	0.6	1933	18	-6.3	-0.4	1933	4	-5.9	-1.5									
1934	53	65.1	1.2	1934	15	1.1	0.1	1934	1	-1.6	-1.6									
1935	52	46.0	0.9	1935	20	-8.9	-0.4	1935	5	-9.8	-2.0									
1936	48	31.9	0.7	1936	24	-4.1	-0.2	1936	6	-8.4	-1.4									
1937	57	21.3	0.4	1937	37	-10.6	-0.3	1937	7	-13.6	-1.9									
1938	37	20.9	0.6	1938	18	-9.5	-0.5	1938	6	-10.9	-1.8									
1939	49	31.1	0.6	1939	26	-10.7	-0.4	1939	10	-16.2	-1.6									
1940	59	31.8	0.5	1940	31	-17.9	-0.6	1940	7	-13.2	-1.9									
1941	41	29.7	0.7	1941	19	-5.2	-0.3	1941	4	-5.5	-1.4									
1942	35	30.4	0.9	1942	16	1.1	0.1	1942	2	-2.7	-1.4									
1943	66	48.0	0.7	1943	34	-11.0	-0.3	1943	9	-16.4	-1.8									
1944	46	36.3	0.8	1944	24	-2.9	-0.1	1944	5	-6.6	-1.3									
1945	28	26.1	0.9	1945	12	-1.4	-0.1	1945	2	-2.8	-1.4									
1946	50	42.3	0.8	1946	24	-1.4	-0.1	1946	3	-4.0	-1.3									
1947	54	41.5	0.8	1947	24	-7.2	-0.3	1947	4	-5.2	-1.3									
1948	56	23.4	0.4	1948	32	-16.0	-0.5	1948	11	-20.5	-1.9									
1949	52	43.9	0.8	1949	25	-2.9	-0.1	1949	4	-5.6	-1.4									
1950	47	28.3	0.6	1950	20	-13.2	-0.7	1950	9	-14.5	-1.6									
1951	58	45.3	0.8	1951	20	-18.9	-0.9	1951	12	-18.9	-1.6									
1952	71	43.8	0.6	1952	33	-22.9	-0.7	1952	15	-22.9	-1.5									
1953	48	5.7	0.1	1953	31	-24.6	-0.8	1953	10	-22.2	-2.2									
1954	61	29.1	0.5	1954	26	-30.0	-1.2	1954	15	-28.8	-1.9									
1955	56	46.6	0.8	1955	24	-9.8	-0.4	1955	8	-11.6	-1.5									
1956	78	20.2	0.3	1956	49	-35.3	-0.7	1956	23	-38.3	-1.7									
1957	44	45.6	1.0	1957	16	-2.2	-0.1	1957	2	-2.2	-1.1									
1958	58	30.2	0.5	1958	32	-11.6	-0.4	1958	9	-12.2	-1.4									
1959	45	38.6	0.9	1959	18	-6.5	-0.4	1959	7	-7.7	-1.1									
1960	62	40.4	0.7	1960	35	-7.6	-0.2	1960	8	-12.7	-1.6									
1961	42	18.8	0.4	1961	23	-13.7	-0.6	1961	9	-15.4	-1.7									
1962	38	32.5	0.9	1962	16	-8.3	-0.5	1962	4	-10.1	-2.5									
1963	21	20.6	1.0	1963	8	-0.4	-0.1	1963	0	0.0	0.0									
1964	46	41.9	0.9	1964	17	-4.5	-0.3	1964	2	-3.1	-1.6									
1965	36	27.3	0.8	1965	16	-5.3	-0.3	1965	1	-2.1	-2.1									
1966	43	28.7	0.7	1966	25	-0.6	0.0	1966	4	-5.5	-1.4									
1967	27	28.1	1.0	1967	9	0.0	0.0	1967	1	-1.6	-1.6									
1968	35	31.5	0.9	1968	16	-0.9	-0.1	1968	3	-4.9	-1.6									
1969	49	28.7	0.6	1969	30	-1.8	-0.1	1969	4	-6.0	-1.5									
1970	33	27.4	0.8	1970	11	-8.0	-0.7	1970	5	-8.2	-1.6									
1971	37	42.2	1.1	1971	11	-1.2	-0.1	1971	1	-2.7	-2.7									
1972	33	33.0	1.0	1972	13	-2.7	-0.2	1972	3	-4.7	-1.6									
1973	43	32.2	0.7	1973	18	-7.3	-0.4	1973	3	-5.4	-1.8									
1974	41	35.9	0.9	1974	19	-1.8	-0.1	1974	3	-4.4	-1.5									
1975	36	26.0	0.7	1975	18	-3.6	-0.2	1975	3	-6.2	-2.1									
1976	29	24.6	0.8	1976	16	3.6	0.2	1976	0	0.0	0.0									
1977	34	24.1	0.7	1977	15	-5.9	-0.4	1977	3	-6.5	-2.2									
1978	41	44.1	1.1	1978	12	-0.4	-0.0	1978	1	-1.9	-1.9	20 years	28.9	0.9	20 years	12.1	-0.1	20 years	1.6	-1.7
1979	42	35.2	0.8	1979	20	-0.3	-0.0	1979	1	-1.4	-1.4	19 years	28.2	0.9	19 years	12.1	-0.1	19 years	1.6	-1.7
1980	31	35.9	1.2	1980	11	2.8	0.3	1980	0	0.0	0.0	18 years	27.4	0.9	18 years	11.6	-0.1	18 years	1.6	-1.8
1981	27	19.8	0.7	1981	11	-6.4	-0.6	1981	4	-8.5	-2.1	17 years	27.2	0.9	17 years	11.6	-0.1	17 years	1.7	-1.8
1982	31	26.4	0.9	1982	12	-3.0	-0.3	1982	1	-2.0	-2.0	16 years	27.3	0.9	16 years	11.7	-0.1	16 years	1.6	-1.7
1983	17	19.4	1.1	1983	4	-1.5	-0.4	1983	1	-1.2	-1.2	15 years	27.0	0.9	15 years	11.7	-0.1	15 years	1.6	-1.7
1984	35	34.7	1.0	1984	15	0.5	0.0	1984	2	-2.9	-1.5	14 years	27.7	0.9	14 years	12.2	-0.0	14 years	1.6	-1.8
1985	29	27.4	0.9	1985	11	-1.9	-0.2	1985	0	0.0	0.0	13 years	27.2	0.9	13 years	12.0	-0.0	13 years	1.6	-1.8
1986	41	38.7	0.9	1986	16	-3.2	-0.2	1986	3	-6.9	-2.3	12 years	27.0	0.9	12 years	12.1	-0.0	12 years	1.8	-1.8
1987	25	12.4	0.5	1987	13	-5.6	-0.4	1987	4	-7.3	-1.8	11 years	25.7	0.9	11 years	11.7	-0.0	11 years	1.6	-1.7
1988	23	15.5	0.7	1988	14	3.5	0.3	1988	1	-1.4	-1.4	10 years	25.8	0.9	10 years	11.6	0.0	10 years	1.4	-1.7
1989	29	36.0	1.2	1989	9	1.8	0.2	1989	1	-1.2	-1.2	9 years	26.1	0.9	9 years	11.3	0.0	9 years	1.4	-1.8
1990	38	15.3	0.4	1990	25	-8.7	-0.3	1990	4	-6.6	-1.7	8 years	25.8	0.9	8 years	11.6	-0.0	8 years	1.5	-1.9
1991	9	10.5	1.2	1991	2	-0.2	-0.1	1991	0	0.0	0.0	7 years	24.0	0.9	7 years	9.7	0.0	7 years	1.1	-2.1
1992	20	25.4	1.3	1992	6	2.9	0.5	1992	0	0.0	0.0	6 years	26.5	0.9	6 years	11.0	0.0	6 years	1.3	-2.1
1993	40	26.0	0.7	1993	20	-4.2	-0.2	1993	3	-5.2	-1.7	5 years	27.8	0.8	5 years	12.0	-0.0	5 years	1.6	-2.1
1994	31	38.7	1.2	1994	7	2.1	0.3	1994	0	0.0	0.0	4 years	24.8	0.9	4 years	10.0	0.0	4 years	1.3	-2.5
1995	20	24.6	1.2	1995	5	1.1	0.2	1995	0	0.0	0.0	3 years	22.7	0.7	3 years	11.0	-0.1	3 years	1.7	-2.5
1996	20	17.8	0.9	1996	10	1.7	0.2	1996	0	0.0	0.0	2 years	24.0	0.5	2 years	14.0	-0.3	2 years	2.5	-



10th 8.9	Annual # days below 10th percentile	Annual total C in days below 10th percentile	Annual average C in days below 10th percentile	5th 7.2	Annual # days below 5th percentile	Annual total C in days below 5th percentile	Annual average C in days below 5th percentile	1st 4.8	Annual # days below 1st percentile	Annual total C in days below 1st percentile	Annual average C in days below 1st percentile	Pre and post cumulative averages		AWS 10th percentile average in years pre and post AWS		Pre and post cumulative averages		AWS 5th percentile average in years pre and post AWS		Pre and post cumulative averages		AWS 1st percentile average in years pre and post AWS		
												Av #	Av C	Av #	Av C	Av #	Av C	Av #	Av C					
1910	26	180.4	6.9	1910	16	101.9	6.4	1910	0	0.0														
1911	52	356.8	6.9	1911	25	137.2	5.5	1911	6	20.4	3.4													
1912	26	203.2	7.8	1912	6	37.5	6.3	1912	0	0.0														
1913	39	278.6	7.1	1913	19	115.6	6.1	1913	2	8.4	4.2													
1914	32	229.0	7.2	1914	16	96.3	6.0	1914	5	22.7	4.5													
1915	50	376.5	7.5	1915	17	104.3	6.1	1915	1	3.3	3.3													
1916	38	286.2	7.5	1916	12	70.7	5.9	1916	2	8.6	4.3													
1917	48	337.3	7.0	1917	20	108.5	5.4	1917	6	22.9	3.8													
1918	67	481.3	7.2	1918	26	139.7	5.4	1918	9	37.1	4.1													
1919	31	224.6	7.2	1919	14	80.5	5.8	1919	4	16.5	4.1													
1920	31	225.1	7.3	1920	14	87.8	6.3	1920	0	0.0														
1921	18	139.5	7.8	1921	5	32.1	6.4	1921	0	0.0														
1922	37	255.3	6.9	1922	21	125.8	6.0	1922	4	16.9	4.2													
1923	34	249.7	7.3	1923	14	90.7	6.5	1923	0	0.0														
1924	26	195.8	7.5	1924	7	42.5	6.1	1924	0	0.0														
1925	47	334.7	7.1	1925	22	133.8	6.1	1925	2	7.4	3.7													
1926	30	214.3	7.1	1926	17	107.9	6.3	1926	0	0.0														
1927	54	370.2	6.9	1927	29	170.8	5.9	1927	6	26.5	4.4													
1928	37	268.6	7.3	1928	17	105.2	6.2	1928	1	4.7	4.7													
1929	50	338.7	6.8	1929	29	162.2	5.6	1929	9	40.6	4.5													
1930	26	188.1	7.2	1930	11	65.8	6.0	1930	1	4.8	4.8													
1931	29	221.8	7.6	1931	10	65.5	6.6	1931	0	0.0														
1932	37	279.1	7.5	1932	14	88.9	6.4	1932	0	0.0														
1933	35	235.5	6.7	1933	19	111.0	5.8	1933	3	12.1	4.0													
1934	34	238.3	7.0	1934	18	112.4	6.2	1934	1	4.3	4.3													
1935	47	330.6	7.0	1935	21	122.2	5.8	1935	2	7.6	3.8													
1936	30	217.8	7.3	1936	12	74.5	6.2	1936	1	4.4	4.4													
1937	27	202.7	7.5	1937	10	62.7	6.3	1937	0	0.0														
1938	32	249.2	7.8	1938	8	48.6	6.1	1938	0	0.0														
1939	39	290.4	7.4	1939	14	87.4	6.2	1939	1	4.7	4.7													
1940	28	196.1	7.0	1940	12	66.8	5.6	1940	2	7.6	3.8													
1941	38	276.9	7.3	1941	17	103.8	6.1	1941	2	9.1	4.6													
1942	19	147.9	7.8	1942	4	26.6	6.7	1942	0	0.0														
1943	44	304.9	6.9	1943	22	127.4	5.8	1943	5	18.6	3.7													
1944	30	229.6	7.7	1944	8	44.5	5.6	1944	2	8.3	4.2													
1945	29	223.8	7.7	1945	9	60.2	6.7	1945	0	0.0														
1946	53	356.8	6.7	1946	29	162.9	5.6	1946	9	39.2	4.4													
1947	52	398.3	7.7	1947	14	86.6	6.2	1947	1	4.4	4.4													
1948	45	325.6	7.2	1948	21	129.9	6.2	1948	1	2.7	2.7													
1949	50	356.6	7.1	1949	24	144.9	6.0	1949	2	7.6	3.8													
1950	18	131.9	7.3	1950	7	43.7	6.2	1950	1	4.8	4.8													
1951	46	303.2	6.6	1951	28	157.6	5.6	1951	8	30.6	3.8													
1952	37	259.0	7.0	1952	20	118.2	5.9	1952	4	16.5	4.1													
1953	49	352.0	7.2	1953	23	144.7	6.3	1953	3	12.2	4.1													
1954	14	99.9	7.1	1954	9	57.0	6.3	1954	1	3.8	3.8													
1955	35	258.2	7.4	1955	16	101.7	6.4	1955	0	0.0														
1956	49	360.7	7.4	1956	22	142.6	6.5	1956	1	4.8	4.8													
1957	29	209.0	7.2	1957	14	85.6	6.1	1957	1	3.4	3.4													
1958	32	247.6	7.7	1958	12	79.2	6.6	1958	0	0.0														
1959	23	164.2	7.1	1959	12	74.5	6.2	1959	1	3.9	3.9													
1960	54	397.6	7.4	1960	22	133.8	6.1	1960	2	8.8	4.4													
1961	39	275.3	7.1	1961	19	116.4	6.1	1961	2	9.2	4.6													
1962	26	200.8	7.7	1962	6	35.3	5.9	1962	0	0.0														
1963	33	241.9	7.3	1963	14	83.4	6.0	1963	1	4.5	4.5													
1964	40	296.6	7.4	1964	15	88.9	5.9	1964	2	7.7	3.9													
1965	31	229.5	7.4	1965	15	94.1	6.3	1965	1	4.5	4.5													
1966	23	168.1	7.3	1966	9	55.6	6.2	1966	1	3.8	3.8													
1967	30	229.6	7.7	1967	11	74.4	6.8	1967	0	0.0														
1968	27	200.8	7.4	1968	12	75.8	6.3	1968	1	4.7	4.7													
1969	10	81.8	8.2	1969	0	0.0		1969	0	0.0														
1970	64	398.1	6.2	1970	42	216.9	5.2	1970	13	48.4	3.7													
1971	49	335.4	6.8	1971	28	160.0	5.7	1971	7	26.5	3.8													
1972	42	273.3	6.5	1972	22	109.6	5.0	1972	9	30.7	3.4													
1973	13	95.7	7.4	1973	5	31.1	6.2	1973	0	0.0														
1974	54	365.4	6.8	1974	30	170.7	5.7	1974	7	28.1	4.0													
1975	36	260.3	7.2	1975	14	81.2	5.8	1975	3	12.6	4.2													
1976	37	251.2	6.8	1976	18	100.4	5.6	1976	4	17.9	4.5	20 years	39.2	6.8	20 years	21.7	5.7	20 years	5.6	3.8				
1977	49	327.7	6.7	1977	28	158.3	5.7	1977	6	22.2	3.7	19 years	39.3	6.8	19 years	21.8	5.7	19 years	5.6	3.7				
1978	40	269.2	6.7	1978	22	122.0	5.5	1978	5	21.4	4.3	18 years	38.8	6.8	18 years	21.5	5.7	18 years	5.6	3.7				
1979	28	191.1	6.8	1979	14	78.7	5.6	1979	5	18.3	3.7	17 years	38.7	6.8	17 years	21.5	5.7	17 years	5.6	3.7				
1980	26	182.5	7.0	1980	10	54.8	5.5	1980	3	11.8	3.9	16 years	39.4	6.8	16 years	21.9	5.7	16 years	5.7	3.7				
1981	47	322.4	6.9	1981	26	152.3	5.9	1981	3	10.3	3.4	15 years	40.3	6.8	15 years	22.7	5.7	15 years	5.9	3.7				
1982	45	289.3	6.4	1982	26	136.7	5.3	1982	10	37.0	3.7	14 years	39.8	6.8	14 years	22.5	5.7	14 years	6.1	3.7				
1983	25	191.2	7.6	1983	8	51.1	6.4	1983	0	0.0		13 years	39.4	6.8	13 years	22.2	5.7	13 years	5.8	3.7				
1984	37	271.3	7.3	1984	18	113.4	6.3	1984	1	4.4	4.4	12 years	40.6	6.7	12 years	23.4	5.7	12 years	6.3	3.7				
1985	38	274.0	7.2	1985	15	85.3	5.7	1985	2	4.7	2.4	11 years	40.9	6.7	11 years	23.9	5.6	11 years	6.7	3.6				
1986	24	176.6	7.4	1986	7	41.2	5.9	1986	1	3.6	3.6	10 years	41.2											



10th 13.3	Annual # days below 10th percentile	Annual total C in days below 10th percentile	Annual average C in days below 10th percentile	5th 11.6	Annual # days below 5th percentile	Annual total C in days below 5th percentile	Annual average C in days below 5th percentile	1st 8.6	Annual # days below 1st percentile	Annual total C in days below 1st percentile	Annual average C in days below 1st percentile	Pre and post cumulative averages		AWS 10th percentile average in years pre and post AWS		Pre and post cumulative averages		AWS 5th percentile average in years pre and post AWS		Pre and post cumulative averages		AWS 1st percentile average in years pre and post AWS	
												Av #	Av C	Av #	Av C	Av #	Av C	Av #	Av C	Av #	Av C		
1910	14	161.9	11.6	1910	6	62.0	10.3	1910	1	8.4	8.4												
1911	31	355.0	11.5	1911	14	138.2	9.9	1911	1	8.2	8.2												
1912	41	472.2	11.5	1912	16	154.3	9.6	1912	3	22.8	7.6												
1913	65	755.7	11.6	1913	22	227.8	10.4	1913	2	17.1	8.6												
1914	32	353.2	11.0	1914	20	197.0	9.9	1914	3	23.9	8.0												
1915	31	354.0	11.4	1915	16	167.7	10.5	1915	1	7.8	7.8												
1916	26	305.2	11.7	1916	9	89.7	10.0	1916	2	14.8	7.4												
1917	38	436.0	11.5	1917	15	147.4	9.8	1917	2	14.5	7.3												
1918	24	286.5	11.9	1918	6	62.3	10.4	1918	1	8.1	8.1												
1919	41	462.6	11.3	1919	18	175.1	9.7	1919	4	30.5	7.6												
1920	24	283.0	11.8	1920	10	107.6	10.8	1920	0	0.0	0.0												
1921	22	254.2	11.6	1921	8	81.0	10.1	1921	1	8.6	8.6												
1922	29	341.0	11.8	1922	10	101.0	10.1	1922	2	16.1	8.1												
1923	32	381.0	11.9	1923	10	99.5	10.0	1923	2	16.1	8.1												
1924	18	219.1	12.2	1924	6	64.8	10.8	1924	0	0.0	0.0												
1925	47	552.5	11.8	1925	17	174.1	10.2	1925	2	15.9	8.0												
1926	54	599.4	11.1	1926	30	296.5	9.9	1926	3	24.2	8.1												
1927	42	460.4	11.0	1927	24	235.5	9.8	1927	3	22.3	7.4												
1928	40	456.5	11.4	1928	18	185.1	10.3	1928	2	16.2	8.1												
1929	57	631.1	11.1	1929	31	304.0	9.8	1929	6	44.8	7.5												
1930	13	151.3	11.6	1930	5	50.1	10.0	1930	1	8.6	8.6												
1931	18	218.6	12.1	1931	5	52.9	10.6	1931	0	0.0	0.0												
1932	38	422.1	11.1	1932	24	243.9	10.2	1932	1	8.6	8.6												
1933	29	316.2	10.9	1933	19	188.2	9.9	1933	3	24.7	8.2												
1934	28	338.9	12.1	1934	6	63.0	10.5	1934	0	0.0	0.0												
1935	49	543.1	11.1	1935	22	206.3	9.4	1935	7	49.0	7.0												
1936	19	216.6	11.4	1936	9	91.4	10.2	1936	1	6.4	6.4												
1937	38	443.7	11.7	1937	15	153.6	10.2	1937	2	16.9	8.5												
1938	6	74.0	12.3	1938	1	10.6	10.6	1938	0	0.0	0.0												
1939	29	353.7	12.2	1939	8	85.6	10.7	1939	0	0.0	0.0												
1940	58	644.6	11.1	1940	27	255.7	9.5	1940	7	55.7	8.0												
1941	31	371.8	12.0	1941	6	58.9	9.8	1941	0	0.0	0.0												
1942	8	96.2	12.0	1942	3	33.1	11.0	1942	0	0.0	0.0												
1943	34	383.8	11.3	1943	19	196.4	10.3	1943	1	8.2	8.2												
1944	42	477.5	11.4	1944	18	177.9	9.9	1944	2	13.7	6.9												
1945	27	299.3	11.1	1945	14	135.3	9.7	1945	3	24.1	8.0												
1946	20	232.1	11.6	1946	7	70.5	10.1	1946	2	16.1	8.1												
1947	20	243.4	12.2	1947	7	79.4	11.3	1947	0	0.0	0.0												
1948	55	636.7	11.6	1948	25	256.7	10.3	1948	2	16.3	8.2												
1949	62	645.4	10.4	1949	39	354.0	9.1	1949	13	95.5	7.3												
1950	54	596.4	11.0	1950	27	253.9	9.4	1950	8	55.6	7.0												
1951	33	383.3	11.6	1951	13	126.1	9.7	1951	4	27.3	6.8												
1952	44	459.1	10.4	1952	29	274.2	9.5	1952	8	59.5	7.4												
1953	44	427.8	9.7	1953	37	340.1	9.2	1953	11	77.7	7.1												
1954	43	467.7	10.9	1954	20	173.8	8.7	1954	8	55.2	6.9												
1955	22	255.2	11.6	1955	8	76.2	9.5	1955	3	22.4	7.5												
1956	35	400.4	11.4	1956	15	147.2	9.8	1956	3	22.1	7.4												
1957	24	262.1	10.9	1957	13	124.4	9.6	1957	3	22.9	7.6												
1958	13	148.6	11.4	1958	8	85.8	10.7	1958	0	0.0	0.0												
1959	10	125.0	12.5	1959	2	22.1	11.1	1959	0	0.0	0.0												
1960	30	364.3	12.1	1960	5	48.8	9.8	1960	0	0.0	0.0												
1961	49	540.1	11.0	1961	25	242.6	9.7	1961	5	37.7	7.5												
1962	33	382.8	11.6	1962	13	129.2	9.9	1962	3	24.7	8.2												
1963	48	516.2	10.8	1963	26	245.0	9.4	1963	8	55.2	6.9												
1964	41	470.5	11.5	1964	19	192.1	10.1	1964	3	23.1	7.7												
1965	36	365.0	10.1	1965	20	165.9	8.3	1965	7	38.1	5.4												
1966	34	372.2	10.9	1966	20	199.5	10.0	1966	3	25.0	8.3												
1967	74	776.3	10.5	1967	47	435.8	9.3	1967	17	127.1	7.5												
1968	24	281.4	11.7	1968	6	57.4	9.6	1968	1	8.3	8.3												
1969	61	667.2	10.9	1969	38	376.6	9.9	1969	7	55.9	8.0												
1970	55	635.8	11.6	1970	25	259.2	10.4	1970	1	8.1	8.1												
1971	56	575.4	10.3	1971	38	346.1	9.1	1971	13	94.3	7.3												
1972	34	401.4	11.8	1972	10	99.6	10.0	1972	2	15.5	7.8												
1973	5	62.4	12.5	1973	1	11.1	11.1	1973	0	0.0	0.0												
1974	32	366.5	11.5	1974	17	178.9	10.5	1974	1	8.1	8.1												
1975	20	235.8	11.8	1975	7	70.1	10.0	1975	1	8.6	8.6												
1976	88	921.5	10.5	1976	61	585.8	9.6	1976	14	98.6	7.0	20 years	41.4	11.1	20 years	23.5	9.9	20 years	5.0	7.6			
1977	64	671.7	10.5	1977	43	407.6	9.5	1977	11	82.6	7.5	19 years	38.9	11.1	19 years	21.5	9.9	19 years	4.5	7.6			
1978	30	343.2	11.4	1978	16	168.5	10.5	1978	2	16.3	8.2	18 years	37.6	11.2	18 years	20.3	10.0	18 years	4.2	7.6			
1979	36	393.5	10.9	1979	18	168.3	9.4	1979	6	40.7	6.8	17 years	38.0	11.2	17 years	20.6	9.9	17 years	4.3	7.6			
1980	20	232.4	11.6	1980	9	95.1	10.6	1980	1	8.5	8.5	16 years	38.1	11.2	16 years	20.8	10.0	16 years	4.2	7.7			
1981	34	401.7	11.8	1981	12	125.4	10.5	1981	1	8.3	8.3	15 years	39.3	11.2	15 years	21.5	9.9	15 years	4.4	7.6			
1982	51	560.0	11.0	1982	25	235.1	9.4	1982	4	28.0	7.0	14 years	39.7	11.1	14 years	22.2	9.9	14 years	4.6	7.6			
1983	56	621.5	11.1	1983	29	285.7	9.9	1983	7	51.5	7.4	13 years	38.8	11.1	13 years	22.0	9.9	13 years	4.7	7.6			
1984	48	497.1	10.4	1984	31	284.4	9.2	1984	10	71.5	7.2	12 years	37.4	11.1									



10th 9.4	Annual # days below 10th percentile	Annual total C in days below 10th percentile	Annual average C in days below 10th percentile	5th 7.5	Annual # days below 5th percentile	Annual total C in days below 5th percentile	Annual average C in days below 5th percentile	1st 5.0	Annual # days below 1st percentile	Annual total C in days below 1st percentile	Annual average C in days below 1st percentile	Pre and post cumulative averages		AWS 10th percentile average in years pre and post AWS		Pre and post cumulative averages		AWS 5th percentile average in years pre and post AWS		Pre and post cumulative averages		AWS 1st percentile average in years pre and post AWS	
												Av #	Av C	Av #	Av C	Av #	Av C	Av #	Av C				
1910	40	278.5	7.0	1910	27	167.1	6.2	1910	4	19.1	4.8												
1911	62	410.0	6.6	1911	35	179.0	5.1	1911	17	64.4	3.8												
1912	40	274.0	6.9	1912	27	160.1	5.9	1912	6	26.2	4.4												
1913	50	344.3	6.9	1913	31	184.3	5.9	1913	7	27.9	4.0												
1914	38	246.6	6.5	1914	22	107.2	4.9	1914	10	34.9	3.5												
1915	52	376.2	7.2	1915	28	169.2	6.0	1915	7	30.7	4.4												
1916	38	264.9	7.0	1916	18	91.8	5.1	1916	9	33.5	3.7												
1917	68	455.9	6.7	1917	40	214.2	5.4	1917	13	53.4	4.1												
1918	65	437.2	6.7	1918	39	217.0	5.6	1918	14	49.9	3.6												
1919	41	273.2	6.7	1919	24	123.6	5.2	1919	11	37.8	3.4												
1920	41	279.7	6.8	1920	22	116.7	5.3	1920	7	26.8	3.8												
1921	19	142.2	7.5	1921	9	53.5	5.9	1921	3	13.2	4.4												
1922	52	373.5	7.2	1922	25	140.8	5.6	1922	10	42.0	4.2												
1923	76	512.1	6.7	1923	47	265.4	5.6	1923	14	55.5	4.0												
1924	38	267.1	7.0	1924	19	103.9	5.5	1924	9	39.4	4.4												
1925	71	514.4	7.2	1925	42	266.3	6.3	1925	5	20.4	4.1												
1926	53	397.0	7.5	1926	23	139.1	6.0	1926	7	30.4	4.3												
1927	71	469.6	6.6	1927	43	234.6	5.5	1927	22	94.7	4.3												
1928	44	324.7	7.4	1928	22	133.8	6.1	1928	5	23.0	4.6												
1929	54	362.0	6.7	1929	28	138.8	5.0	1929	14	51.3	3.7												
1930	50	351.8	7.0	1930	26	145.3	5.6	1930	9	39.4	4.4												
1931	39	280.4	7.2	1931	23	143.6	6.2	1931	4	19.3	4.8												
1932	45	276.9	6.2	1932	35	190.6	5.4	1932	11	42.6	3.9												
1933	35	246.5	7.0	1933	19	110.3	5.8	1933	6	26.0	4.3												
1934	38	265.7	7.0	1934	24	145.2	6.1	1934	3	14.5	4.8												
1935	58	410.6	7.1	1935	32	188.3	5.9	1935	10	42.3	4.2												
1936	28	193.6	6.9	1936	19	112.7	5.9	1936	6	28.2	4.7												
1937	41	307.7	7.5	1937	22	140.9	6.4	1937	4	18.8	4.7												
1938	31	238.8	7.7	1938	12	77.2	6.4	1938	1	4.7	4.7												
1939	64	474.8	7.4	1939	36	232.6	6.5	1939	2	9.7	4.9												
1940	37	264.0	7.1	1940	19	108.9	5.7	1940	6	27.5	4.6												
1941	55	389.6	7.1	1941	26	143.5	5.5	1941	10	43.8	4.4												
1942	29	229.8	7.9	1942	9	58.4	6.5	1942	0	0.0													
1943	58	379.1	6.5	1943	40	222.7	5.6	1943	11	41.4	3.8												
1944	38	292.4	7.7	1944	11	66.6	6.1	1944	4	17.9	4.5												
1945	26	194.9	7.5	1945	12	74.5	6.2	1945	2	7.8	3.9												
1946	59	364.1	6.2	1946	43	226.6	5.3	1946	21	86.4	4.1												
1947	43	332.5	7.7	1947	15	95.6	6.4	1947	1	4.8	4.8												
1948	53	395.3	7.5	1948	28	181.2	6.5	1948	1	5.0	5.0												
1949	54	392.4	7.3	1949	27	160.5	5.9	1949	9	39.9	4.4												
1950	22	163.9	7.5	1950	10	63.8	6.4	1950	1	5.0	5.0												
1951	61	428.4	7.0	1951	36	210.7	5.9	1951	7	19.3	2.8												
1952	46	348.0	7.6	1952	24	153.0	6.4	1952	3	13.8	4.6												
1953	60	409.5	6.8	1953	39	229.0	5.9	1953	8	33.6	4.2												
1954	23	173.6	7.5	1954	9	51.4	5.7	1954	2	10.0	5.0												
1955	40	286.3	7.2	1955	22	126.1	5.7	1955	6	25.3	4.2												
1956	59	440.4	7.5	1956	28	172.3	6.2	1956	4	17.6	4.4												
1957	40	292.7	7.3	1957	21	127.4	6.1	1957	3	14.1	4.7												
1958	40	309.5	7.7	1958	17	110.6	6.5	1958	1	3.7	3.7												
1959	32	249.3	7.8	1959	13	86.8	6.7	1959	0	0.0													
1960	55	391.9	7.1	1960	30	178.0	5.9	1960	7	32.3	4.6												
1961	50	362.0	7.2	1961	28	174.3	6.2	1961	4	18.3	4.6												
1962	32	258.4	8.1	1962	8	49.8	6.2	1962	1	4.7	4.7												
1963	41	304.5	7.4	1963	18	102.9	5.7	1963	4	14.3	3.6												
1964	38	282.2	7.4	1964	18	110.6	6.1	1964	2	8.2	4.1												
1965	36	259.2	7.2	1965	19	110.2	5.8	1965	6	26.4	4.4												
1966	35	263.2	7.5	1966	17	105.2	6.2	1966	3	12.5	4.2												
1967	29	235.5	8.1	1967	7	45.8	6.5	1967	0	0.0													
1968	43	328.7	7.6	1968	20	130.9	6.5	1968	2	8.8	4.4												
1969	17	145.1	8.5	1969	2	14.3	7.2	1969	0	0.0													
1970	46	347.4	7.6	1970	22	141.4	6.4	1970	1	4.5	4.5												
1971	31	243.7	7.9	1971	11	72.7	6.6	1971	0	0.0													
1972	21	144.9	6.9	1972	13	79.5	6.1	1972	3	12.8	4.3												
1973	10	84.9	8.5	1973	0	0.0		1973	0	0.0													
1974	35	266.5	7.6	1974	17	111.3	6.5	1974	2	9.6	4.8												
1975	14	119.9	8.6	1975	1	7.2	7.2	1975	0	0.0													
1976	30	246.8	8.2	1976	8	56.2	7.0	1976	0	0.0													
1977	29	219.2	7.6	1977	15	99.2	6.6	1977	0	0.0		20 years	26.1	7.7	20 years	11.6	6.4	20 years	1.0	4.2			
1978	21	161.2	7.7	1978	12	82.3	6.9	1978	0	0.0		19 years	25.9	7.7	19 years	11.4	6.4	19 years	1.1	4.2			
1979	22	175.0	8.0	1979	6	39.7	6.6	1979	0	0.0		18 years	26.2	7.7	18 years	11.3	6.4	18 years	1.1	4.2			
1980	17	138.5	8.1	1980	6	41.9	7.0	1980	0	0.0		17 years	26.4	7.7	17 years	11.6	6.4	17 years	1.2	4.2			
1981	31	243.9	7.9	1981	12	81.0	6.8	1981	0	0.0		16 years	27.0	7.6	16 years	12.0	6.3	16 years	1.3	4.2			
1982	45	324.7	7.2	1982	27	168.6	6.2	1982	2	9.5	4.8	15 years	26.7	7.6	15 years	12.0	6.3	15 years	1.3	4.2			
1983	19	156.9	8.3	1983	5	36.1	7.2	1983	0	0.0		14 years	25.4	7.7	14 years	10.9	6.3	14 years	1.3	4.1			
1984	28	226.6	8.1	1984	7	44.1	6.3	1984	1	3.5	3.5	13 years	25.9	7.6	13 years	11.4	6.2	13 years	1.4	4.1			
1985	26	198.1	7.6	1985	9	54.4	6.0	1985	2	7.7	3.9	12 years	25.8	7.6	12 years	11.8	6.2	12 years					



10th 12.8	Annual # days below 10th percentile	Annual total C in days below 10th percentile	Annual average C in days below 10th percentile	5th 11.1	Annual # days below 5th percentile	Annual total C in days below 5th percentile	Annual average C in days below 5th percentile	1st 5.0	Annual # days below 1st percentile	Annual total C in days below 1st percentile	Annual average C in days below 1st percentile	Pre and post cumulative averages	AWS 10th percentile average in years pre and post AWS	Pre and post cumulative averages	AWS 5th percentile average in years pre and post AWS	Pre and post cumulative averages	AWS 1st percentile average in years pre and post AWS			
													Av #	Av C	Av #	Av C	Av #	Av C		
1910	30	309.4	10.3	1910	16	140.2	8.8	1910	6	44.4	7.4									
1911	58	585.2	10.1	1911	37	333.5	9.0	1911	11	75.6	6.9									
1912	36	384.5	10.7	1912	22	217.3	9.9	1912	0	0.0										
1913	71	752.3	10.6	1913	36	329.2	9.1	1913	16	122.8	7.7									
1914	35	365.7	10.4	1914	19	170.8	9.0	1914	8	59.8	7.5									
1915	29	334.6	11.5	1915	11	113.4	10.3	1915	0	0.0										
1916	24	258.1	10.8	1916	12	112.5	9.4	1916	1	7.8	7.8									
1917	50	537.5	10.8	1917	27	261.3	9.7	1917	6	46.2	7.7									
1918	59	632.0	10.7	1918	32	305.4	9.5	1918	6	45.6	7.6									
1919	55	588.5	10.7	1919	30	284.4	9.5	1919	9	68.3	7.6									
1920	21	253.1	12.1	1920	3	30.0	10.0	1920	0	0.0										
1921	36	366.4	10.2	1921	20	176.2	8.8	1921	10	75.0	7.5									
1922	71	678.8	9.6	1922	49	415.9	8.5	1922	23	157.2	6.8									
1923	82	820.3	10.0	1923	60	556.6	9.3	1923	16	117.8	7.4									
1924	43	475.1	11.0	1924	16	148.9	9.3	1924	4	29.3	7.3									
1925	68	709.9	10.4	1925	43	406.5	9.5	1925	8	54.2	6.8									
1926	46	500.3	10.9	1926	22	205.8	9.4	1926	6	45.5	7.6									
1927	34	349.5	10.3	1927	18	156.3	8.7	1927	8	56.9	7.1									
1928	45	452.4	10.1	1928	34	317.0	9.3	1928	8	60.5	7.6									
1929	59	650.4	11.0	1929	32	323.8	10.1	1929	1	8.3	8.3									
1930	41	466.3	11.4	1930	18	184.4	10.2	1930	0	0.0										
1931	32	340.4	10.6	1931	20	190.8	9.5	1931	4	29.2	7.3									
1932	53	547.2	10.3	1932	34	314.8	9.3	1932	12	92.7	7.7									
1933	28	275.3	9.8	1933	18	157.3	8.7	1933	6	40.6	6.8									
1934	37	421.1	11.4	1934	16	163.5	10.2	1934	0	0.0										
1935	35	403.5	11.5	1935	12	121.7	10.1	1935	1	7.8	7.8									
1936	19	189.8	10.0	1936	13	118.9	9.1	1936	3	23.5	7.8									
1937	43	454.6	10.6	1937	26	245.9	9.5	1937	6	45.5	7.6									
1938	18	196.2	10.9	1938	9	83.4	9.3	1938	2	13.9	7.0									
1939	57	567.9	10.0	1939	40	358.2	9.0	1939	15	108.6	7.2									
1940	43	462.2	10.7	1940	25	242.9	9.7	1940	6	46.5	7.8									
1941	62	628.0	10.1	1941	43	394.0	9.2	1941	13	90.4	7.0									
1942	41	456.6	11.1	1942	16	150.5	9.4	1942	2	15.0	7.5									
1943	50	513.9	10.3	1943	32	294.4	9.2	1943	10	77.0	7.7									
1944	47	515.7	11.0	1944	29	294.3	10.1	1944	0	0.0										
1945	44	464.3	10.6	1945	23	206.7	9.0	1945	7	48.1	6.9									
1946	71	742.0	10.5	1946	37	329.1	8.9	1946	12	79.6	6.6									
1947	34	386.5	11.4	1947	13	132.7	10.2	1947	1	8.1	8.1									
1948	51	559.3	11.0	1948	24	228.7	9.5	1948	3	22.2	7.4									
1949	67	670.8	10.0	1949	44	389.3	8.8	1949	14	90.8	6.5									
1950	55	589.1	10.7	1950	31	295.3	9.5	1950	7	53.0	7.6									
1951	59	638.3	10.8	1951	34	327.4	9.6	1951	5	37.2	7.4									
1952	68	733.6	10.8	1952	48	488.6	10.2	1952	0	0.0										
1953	23	255.6	11.1	1953	12	118.2	9.9	1953	2	16.6	8.3									
1954	82	800.5	9.8	1954	63	566.0	9.0	1954	20	144.8	7.2									
1955	23	275.2	12.0	1955	5	51.7	10.3	1955	0	0.0										
1956	0	0.0		1956	0	0.0		1956	0	0.0										
1957	35	379.1	10.8	1957	19	183.3	9.6	1957	3	23.0	7.7									
1958	33	378.6	11.5	1958	9	82.4	9.2	1958	3	20.2	6.7									
1959	32	345.5	10.8	1959	17	163.2	9.6	1959	5	38.2	7.6									
1960	50	522.7	10.5	1960	31	289.6	9.3	1960	7	48.9	7.0									
1961	48	497.9	10.4	1961	29	263.9	9.1	1961	6	40.7	6.8									
1962	33	370.2	11.2	1962	18	184.4	10.2	1962	1	8.3	8.3									
1963	38	400.1	10.5	1963	21	189.4	9.0	1963	8	58.3	7.3									
1964	32	352.2	11.0	1964	14	133.2	9.5	1964	4	31.7	7.9									
1965	44	435.1	9.9	1965	32	289.6	9.1	1965	13	92.4	7.1									
1966	24	275.4	11.5	1966	10	101.4	10.1	1966	0	0.0										
1967	46	487.0	10.6	1967	26	241.3	9.3	1967	5	41.0	8.2									
1968	42	460.2	11.0	1968	19	178.3	9.4	1968	7	54.4	7.8									
1969	20	227.3	11.4	1969	6	54.9	9.2	1969	1	4.4	4.4									
1970	31	336.0	10.8	1970	18	177.3	9.9	1970	2	14.7	7.4									
1971	46	502.8	10.9	1971	21	196.9	9.4	1971	8	60.5	7.6									
1972	34	358.8	10.6	1972	20	185.7	9.3	1972	5	38.8	7.8									
1973	7	83.5	11.9	1973	1	11.0	11.0	1973	0	0.0										
1974	48	478.0	10.0	1974	36	333.5	9.3	1974	8	58.5	7.3									
1975	24	253.0	10.5	1975	11	98.0	8.9	1975	5	37.0	7.4									
1976	3	34.0	11.3	1976	2	21.5	10.8	1976	0	0.0										
1977	0	0.0		1977	0	0.0		1977	0	0.0										
1978	0	0.0		1978	0	0.0		1978	0	0.0										
1979	0	0.0		1979	0	0.0		1979	0	0.0										
1980	16	173.5	10.8	1980	7	65.0	9.3	1980	0	0.0										
1981	30	332.8	11.1	1981	15	149.5	10.0	1981	1	8.0	8.0	20 years	25.1	11.1	20 years	11.5	9.8	20 years	2.0	7.5
1982	39	407.6	10.4	1982	24	227.7	9.5	1982	7	54.9	7.8	19 years	24.8	11.0	19 years	11.3	9.8	19 years	2.0	7.5
1983	25	285.9	11.5	1983	5	45.3	9.1	1983	2	13.7	6.9	18 years	24.0	11.1	18 years	10.6	9.8	18 years	1.7	7.4
1984	28	266.8	9.5	1984	17	131.7	7.7	1984	9	54.9	6.1	17 years	23.9	11.1	17 years	10.9	9.9	17 years	1.7	7.5
1985	42	451.0	10.7	1985	22	212.7	9.7	1985	4	32.3	8.1	16 years	23.7	11.2	16 years	10.6	10.0	16 years	1.3	7.6
1986	21	232.9	11.1	1986	10	100.0	10.0	1986	1	8.2	8.2	15 years	22.5	11.2	15 years	9.8	10.0	15 years	1.1	7.6
1987	20	226.5	11.3	1987	9	92.8	10.3	1987	0	0.0		14 years	22.6	11.2	14 years	9.8	10.0	14 years	1.1	7.5
1988	12	139.1	11.6	1988	4	41.7	10.4	1988	0	0.0		13 years	22.8	11.2	13 years	9.8	10.0	13 years	1.2	7.5
1989	25	265.9	10.6	1989	19	194.0	10.2	1989	1	8.1	8.1	12 years	23.7	11.1	12 years	10.3	10.0	12 years	1.3	7.5
1990	31	322.8	10.4	1990	16	145.1	9.1	1990	5	35.5	7.1	11 years	23.5	11.2	11 years	9.5	9.9	11 years	1.3	7.4
1991	31	345.3	11.1	1991	12	115.4	9.6	1991	3	20.8	6.9	10 years	22.8	11.3	10 years	8.9	10.0	10 years	0.9	7.4
1992	29	325.3	11.2	1992	13	130.9	10.1	1992	0	0.0		9 years	21.9	11.3	9 years	8.6	10.1	9 years	0.7	7.6
1993	6	71.5	11.9	1993	0	0.0		1993	0	0.0		8 years	21.0	11.3	8 years	8.0	10.1	8 years	0.8	7.6
1994	20	220.1	11.0	1994	9	87.2	9.7	1994	1	7.6	7.6	7 years	23.1	11.2	7 years					



10th -2.0	Annual # days below 10th percentile	Annual total C in days below 10th percentile	Annual average C in days below 10th percentile	5th -3.3	Annual # days below 5th percentile	Annual total C in days below 5th percentile	Annual average C in days below 5th percentile	1st 5.0	Annual # days below 1st percentile	Annual total C in days below 1st percentile	Annual average C in days below 1st percentile	Pre and post cumulative averages		AWS 10th percentile average in years pre and post AWS		Pre and post cumulative averages		AWS 5th percentile average in years pre and post AWS		Pre and post cumulative averages		AWS 1st percentile average in years pre and post AWS	
												Av #	Av C	Av #	Av C	Av #	Av C	Av #	Av C				
1945	36	-125.0	-3.5	1945	22	-93.0	-4.2	1945	5	-28.0	-5.6												
1946	41	-136.2	-3.3	1946	20	-88.8	-4.4	1946	8	-48.1	-6.0												
1947	31	-107.9	-3.5	1947	16	-71.9	-4.5	1947	4	-25.0	-6.3												
1948	24	-105.3	-4.4	1948	18	-90.3	-5.0	1948	6	-45.1	-7.5												
1949	48	-176.3	-3.7	1949	28	-128.1	-4.6	1949	6	-38.9	-6.5												
1950	60	-226.1	-3.8	1950	43	-186.3	-4.3	1950	11	-63.7	-5.8												
1951	52	-181.3	-3.5	1951	28	-123.7	-4.4	1951	8	-47.4	-5.9												
1952	34	-133.1	-3.9	1952	24	-108.1	-4.5	1952	6	-35.2	-5.9												
1953	41	-141.1	-3.4	1953	21	-96.5	-4.6	1953	5	-35.7	-7.1												
1954	33	-115.3	-3.5	1954	16	-74.3	-4.6	1954	4	-25.6	-6.4												
1955	32	-115.5	-3.6	1955	16	-73.7	-4.6	1955	5	-30.6	-6.1												
1956	25	-98.7	-3.9	1956	17	-78.1	-4.6	1956	5	-31.1	-6.2												
1957	39	-130.5	-3.3	1957	20	-85.7	-4.3	1957	2	-12.2	-6.1												
1958	33	-121.6	-3.7	1958	19	-86.0	-4.5	1958	5	-31.3	-6.3												
1959	30	-99.8	-3.3	1959	18	-69.2	-3.8	1959	1	-5.6	-5.6												
1960	34	-119.5	-3.5	1960	22	-90.7	-4.1	1960	2	-13.9	-7.0												
1961	32	-121.1	-3.8	1961	20	-89.3	-4.5	1961	4	-25.5	-6.4												
1962	23	-85.7	-3.7	1962	14	-62.9	-4.5	1962	4	-24.6	-6.2												
1963	44	-172.6	-3.9	1963	28	-133.0	-4.8	1963	9	-52.7	-5.9												
1964	19	-63.0	-3.3	1964	7	-31.5	-4.5	1964	0	0.0													
1965	34	-113.7	-3.3	1965	18	-74.4	-4.1	1965	0	0.0													
1966	38	-140.0	-3.7	1966	24	-104.7	-4.4	1966	3	-17.3	-5.8												
1967	54	-226.1	-4.2	1967	40	-188.1	-4.7	1967	13	-78.5	-6.0												
1968	30	-114.3	-3.8	1968	18	-84.3	-4.7	1968	2	-12.0	-6.0												
1969	47	-163.3	-3.5	1969	26	-110.5	-4.3	1969	2	-11.6	-5.8												
1970	32	-101.4	-3.2	1970	12	-49.0	-4.1	1970	1	-5.8	-5.8												
1971	40	-129.5	-3.2	1971	19	-76.4	-4.0	1971	2	-11.1	-5.6												
1972	42	-152.1	-3.6	1972	24	-108.0	-4.5	1972	5	-30.8	-6.2												
1973	49	-188.5	-3.8	1973	32	-146.7	-4.6	1973	8	-50.2	-6.3												
1974	40	-144.3	-3.6	1974	18	-88.1	-4.9	1974	6	-38.9	-6.5												
1975	26	-88.1	-3.4	1975	13	-56.7	-4.4	1975	2	-12.3	-6.2												
1976	44	-153.6	-3.5	1976	21	-97.1	-4.6	1976	4	-26.5	-6.6												
1977	36	-118.0	-3.3	1977	14	-64.5	-4.6	1977	3	-19.0	-6.3												
1978	41	-153.7	-3.7	1978	21	-105.7	-5.0	1978	10	-62.5	-6.3												
1979	47	-152.2	-3.2	1979	19	-84.0	-4.4	1979	5	-28.0	-5.6												
1980	21	-61.0	-2.9	1980	6	-25.0	-4.2	1980	1	-5.5	-5.5												
1981	30	-100.0	-3.3	1981	13	-62.5	-4.8	1981	3	-19.5	-6.5												
1982	46	-169.5	-3.7	1982	25	-117.0	-4.7	1982	6	-39.5	-6.6												
1983	58	-213.0	-3.7	1983	25	-131.5	-5.3	1983	8	-64.0	-8.0												
1984	39	-131.5	-3.4	1984	17	-80.0	-4.7	1984	5	-29.0	-5.8												
1985	47	-140.0	-3.0	1985	15	-66.5	-4.4	1985	2	-12.0	-6.0												
1986	34	-110.2	-3.2	1986	11	-54.0	-4.9	1986	4	-26.0	-6.5												
1987	43	-148.5	-3.5	1987	19	-88.5	-4.7	1987	5	-33.0	-6.6												
1988	44	-139.8	-3.2	1988	18	-76.5	-4.3	1988	2	-11.0	-5.5	20 years	42.2	-3.3	20 years	18.2	-4.4	20 years	3.5	-6.0			
1989	77	-298.3	-3.9	1989	45	-218.2	-4.8	1989	16	-94.7	-5.9	19 years	42.1	-3.3	19 years	18.2	-4.5	19 years	3.5	-6.0			
1990	43	-154.6	-3.6	1990	21	-98.7	-4.7	1990	3	-17.6	-5.9	18 years	40.1	-3.3	18 years	16.7	-4.4	18 years	2.8	-6.0			
1991	36	-107.9	-3.0	1991	13	-55.1	-4.2	1991	1	-6.0	-6.0	17 years	39.9	-3.2	17 years	16.5	-4.4	17 years	2.8	-6.0			
1992	48	-171.6	-3.6	1992	22	-108.0	-4.9	1992	5	-30.9	-6.2	16 years	40.2	-3.3	16 years	16.7	-4.4	16 years	2.9	-6.0			
1993	35	-108.5	-3.1	1993	11	-51.7	-4.7	1993	2	-11.3	-5.7	15 years	39.7	-3.2	15 years	16.3	-4.4	15 years	2.8	-6.0			
1994	48	-173.2	-3.6	1994	21	-104.0	-5.0	1994	8	-48.8	-6.1	14 years	40.0	-3.2	14 years	16.7	-4.4	14 years	2.9	-6.0			
1995	70	-250.6	-3.6	1995	36	-162.2	-4.5	1995	7	-45.3	-6.5	13 years	39.4	-3.2	13 years	16.4	-4.3	13 years	2.5	-6.0			
1996	48	-156.1	-3.3	1996	23	-95.4	-4.1	1996	1	-6.4	-6.4	12 years	36.8	-3.2	12 years	14.8	-4.3	12 years	2.1	-6.0			
1997	39	-120.9	-3.1	1997	12	-58.3	-4.9	1997	4	-25.5	-6.4	11 years	35.8	-3.2	11 years	14.0	-4.3	11 years	2.2	-5.9			
1998	36	-136.8	-3.8	1998	17	-87.0	-5.1	1998	6	-39.5	-6.6	10 years	35.5	-3.2	10 years	14.2	-4.3	10 years	2.0	-5.9			
1999	47	-158.2	-3.4	1999	21	-91.4	-4.4	1999	4	-23.0	-5.8	9 years	35.4	-3.1	9 years	13.9	-4.2	9 years	1.6	-5.8			
2000	34	-107.0	-3.1	2000	14	-59.0	-4.2	2000	1	-6.5	-6.5	8 years	34.0	-3.1	8 years	13.0	-4.2	8 years	1.3	-5.8			
2001	28	-82.1	-2.9	2001	7	-28.9	-4.1	2001	0	0.0		7 years	34.0	-3.1	7 years	12.9	-4.2	7 years	1.3	-5.6			
2002	22	-60.7	-2.8	2002	6	-24.9	-4.2	2002	1	-5.5	-5.5	6 years	35.0	-3.1	6 years	13.8	-4.2	6 years	1.5	-5.6			
2003	24	-74.5	-3.1	2003	9	-39.6	-4.4	2003	1	-5.5	-5.5	5 years	37.6	-3.2	5 years	15.4	-4.2	5 years	1.6	-5.7			
2004	32	-97.2	-3.0	2004	12	-47.7	-4.0	2004	0	0.0		4 years	41.0	-3.2	4 years	17.0	-4.1	4 years	1.8	-5.7			
2005	28	-89.2	-3.2	2005	12	-46.9	-3.9	2005	1	-5.6	-5.6	3 years	44.0	-3.2	3 years	18.7	-4.2	3 years	2.3	-5.7			
2006	55	-179.4	-3.3	2006	24	-103.7	-4.3	2006	4	-24.0	-6.0	2 years	52.0	-3.3	2 years	22.0	-4.3	2 years	3.0	-5.8			
2007	49	-161.6	-3.3	2007	20	-84.7	-4.2	2007	2	-11.0	-5.5	1 years	49.0	-3.3	1 years	20.0	-4.2	1 years	2.0	-5.5			
2008	49	-168.3	-3.4	2008	23	-105.8	-4.6	2008	7	-41.2	-5.9	0 years	49.0	-3.4	0 years	23.0	-4.6	0 years	7.0	-5.9			
2009	28	-97.9	-3.5	2009	13	-59.6	-4.6	2009	3	-19.0	-6.3	1 years	28.0	-3.5	1 years	13.0	-4.6	1 years	3.0	-6.3			
2010	45	-146.0	-3.2	2010	19	-80.1	-4.2	2010	3	-17.7	-5.9	2 years	36.5	-3.4	2 years	16.0	-4.4	2 years	3.0	-6.1			
2011	39	-141.9	-3.6	2011	22	-101.9	-4.6	2011	2	-12.1	-6.1	3 years	37.3	-3.5	3 years	18.0	-4.5	3 years	2.7	-6.1			
2012	23	-80.3	-3.5	2012	11	-49.8	-4.5	2012	2	-12.4	-6.2	4 years	33.8	-3.5	4 years	16.3	-4.5	4 years	2.5	-6.1			
2013	33	-127.3	-3.9	2013	20	-92.8	-4.6	2013	4	-24.8	-6.2	5 years	33.6	-3.5	5 years	17.0	-4.5	5 years	2.8	-6.1			
2014	31	-103.9	-3.4	2014	15	-61.2	-4.1	2014	1	-6.5	-6.5	6 years	33.2	-3.5	6 years	16.7	-4.4	6 years	2.5	-6.2			
2015	49	-178.5	-3.6	2015	26	-116.3	-4.5	2015	5	-31.2	-6.2	7 years	35.4	-3.5	7 years	18.0	-4.5	7 years	2.9	-6.2			
2016	23	-72.2	-3.1	2016	8	-32.5	-4.1	2016	0	0.0		8 years	33.9	-3.5	8 years	16.8	-4.4	8 years	2.5	-			







10th 16.0	Annual # days below 10th percentile	Annual total C in days below 10th percentile	Annual average C in days below 10th percentile	5th 14.4	Annual # days below 5th percentile	Annual total C in days below 5th percentile	Annual average C in days below 5th percentile	1st 11.2	Annual # days below 1st percentile	Annual total C in days below 1st percentile	Annual average C in days below 1st percentile	Pre and post cumulative averages	AWS 10th percentile average in years pre and post AWS	Pre and post cumulative averages	AWS 5th percentile average in years pre and post AWS	Pre and post cumulative averages	AWS 1st percentile average in years pre and post AWS			
													Av #	Av C	Av #	Av C	Av #	Av C		
1910	34	463.5	13.6	1910	19	234.8	12.4	1910	4	37.8	9.5									
1911	70	978.7	14.0	1911	32	397.8	12.4	1911	6	59.1	9.9									
1912	43	607.9	14.1	1912	18	222.3	12.4	1912	6	63.2	10.5									
1913	39	542.2	13.9	1913	23	295.6	12.9	1913	3	29.1	9.7									
1914	42	602.7	14.4	1914	16	202.2	12.6	1914	2	21.3	10.7									
1915	33	477.1	14.5	1915	15	202.2	13.5	1915	1	11.0	11.0									
1916	16	227.3	14.2	1916	8	104.6	13.1	1916	1	11.1	11.1									
1917	36	518.3	14.4	1917	11	134.1	12.2	1917	3	28.3	9.4									
1918	60	830.0	13.8	1918	36	464.2	12.9	1918	5	49.5	9.9									
1919	65	858.3	13.2	1919	46	570.2	12.4	1919	8	72.9	9.1									
1920	28	404.2	14.4	1920	11	144.9	13.2	1920	2	21.8	10.9									
1921	31	427.5	13.8	1921	16	194.8	12.2	1921	5	49.9	10.0									
1922	74	994.0	13.4	1922	45	550.5	12.2	1922	12	118.5	9.9									
1923	93	1192.2	12.8	1923	68	808.9	11.9	1923	25	245.1	9.8									
1924	41	585.6	14.3	1924	15	190.1	12.7	1924	2	19.4	9.7									
1925	67	930.6	13.9	1925	39	498.7	12.8	1925	4	39.1	9.8									
1926	40	565.6	14.1	1926	20	260.8	13.0	1926	1	11.1	11.1									
1927	44	600.6	13.7	1927	30	383.3	12.8	1927	6	61.9	10.3									
1928	43	575.6	13.4	1928	26	314.8	12.1	1928	8	82.5	10.3									
1929	86	1156.7	13.5	1929	57	713.9	12.5	1929	15	144.9	9.7									
1930	48	628.6	13.1	1930	36	444.0	12.3	1930	13	137.7	10.6									
1931	43	602.8	14.0	1931	26	341.2	13.1	1931	3	31.1	10.4									
1932	64	787.9	12.3	1932	51	589.3	11.6	1932	21	198.3	9.4									
1933	21	292.4	13.9	1933	11	137.5	12.5	1933	4	42.3	10.6									
1934	26	345.1	13.3	1934	21	267.6	12.7	1934	3	30.1	10.0									
1935	42	589.0	14.0	1935	21	266.8	12.7	1935	3	29.9	10.0									
1936	33	456.4	13.8	1936	19	240.4	12.7	1936	5	48.6	9.7									
1937	44	598.3	13.6	1937	28	352.1	12.6	1937	6	60.0	10.0									
1938	25	351.7	14.1	1938	14	182.9	13.1	1938	1	10.7	10.7									
1939	70	935.1	13.4	1939	49	609.5	12.4	1939	10	100.5	10.1									
1940	48	691.3	14.4	1940	23	304.8	13.3	1940	2	20.8	10.4									
1941	80	1069.8	13.4	1941	46	549.1	11.9	1941	18	181.2	10.1									
1942	34	460.9	13.6	1942	18	217.1	12.1	1942	5	52.0	10.4									
1943	36	484.2	13.5	1943	20	238.8	11.9	1943	3	28.1	9.4									
1944	53	768.7	14.5	1944	22	290.0	13.2	1944	0	0.0										
1945	61	871.0	14.3	1945	24	304.2	12.7	1945	4	36.5	9.1									
1946	76	1043.5	13.7	1946	42	520.8	12.4	1946	10	95.6	9.6									
1947	33	476.4	14.4	1947	14	181.0	12.9	1947	1	10.7	10.7									
1948	63	869.5	13.8	1948	40	516.7	12.9	1948	5	52.9	10.6									
1949	43	559.2	13.0	1949	32	386.0	12.1	1949	14	146.0	10.4									
1950	33	460.8	14.0	1950	17	217.0	12.8	1950	4	42.4	10.6									
1951	37	526.9	14.2	1951	19	250.1	13.2	1951	0	0.0										
1952	23	337.9	14.7	1952	7	92.2	13.2	1952	0	0.0										
1953	48	667.7	13.9	1953	26	328.1	12.6	1953	4	38.7	9.7									
1954	16	227.8	14.2	1954	6	74.6	12.4	1954	1	11.2	11.2									
1955	16	240.3	15.0	1955	4	53.3	13.3	1955	0	0.0										
1956	28	394.3	14.1	1956	12	148.2	12.4	1956	3	30.6	10.2									
1957	24	344.7	14.4	1957	11	145.4	13.2	1957	1	10.6	10.6									
1958	17	243.0	14.3	1958	7	88.4	12.6	1958	2	20.3	10.2									
1959	37	504.9	13.6	1959	20	244.9	12.2	1959	7	72.8	10.4									
1960	39	543.7	13.9	1960	21	266.6	12.7	1960	5	52.9	10.6									
1961	44	633.8	14.4	1961	21	279.8	13.3	1961	0	0.0										
1962	19	273.8	14.4	1962	11	149.6	13.6	1962	0	0.0										
1963	47	645.2	13.7	1963	25	304.0	12.2	1963	8	80.0	10.0									
1964	23	335.0	14.6	1964	10	133.2	13.3	1964	0	0.0										
1965	44	596.8	13.6	1965	22	262.2	11.9	1965	8	78.9	9.9									
1966	19	269.9	14.2	1966	9	118.2	13.1	1966	1	11.1	11.1									
1967	30	423.6	14.1	1967	17	221.5	13.0	1967	0	0.0										
1968	22	321.3	14.6	1968	8	107.0	13.4	1968	0	0.0										
1969	24	349.6	14.6	1969	9	118.6	13.2	1969	0	0.0										
1970	26	382.4	14.7	1970	8	107.3	13.4	1970	0	0.0										
1971	28	381.8	13.6	1971	17	214.3	12.6	1971	3	29.6	9.9									
1972	47	684.1	14.6	1972	19	257.5	13.6	1972	0	0.0										
1973	9	137.9	15.3	1973	1	14.1	14.1	1973	0	0.0										
1974	54	741.5	13.7	1974	33	425.7	12.9	1974	4	42.3	10.6									
1975	17	235.3	13.8	1975	11	144.7	13.2	1975	1	11.2	11.2	20 years	31.1	14.2	20 years	15.0	12.9	20 years	2.1	10.3
1976	48	643.6	13.4	1976	31	382.3	12.3	1976	6	63.8	10.6	19 years	30.2	14.3	19 years	14.2	12.9	19 years	1.8	10.3
1977	38	528.1	13.9	1977	19	237.0	12.5	1977	5	52.3	10.5	18 years	29.8	14.3	18 years	13.9	12.9	18 years	1.7	10.3
1978	34	481.9	14.2	1978	19	248.9	13.1	1978	2	20.6	10.3	17 years	29.5	14.3	17 years	13.6	12.9	17 years	1.6	10.3
1979	30	427.2	14.2	1979	12	151.3	12.6	1979	2	19.3	9.7	16 years	29.5	14.3	16 years	13.7	12.9	16 years	1.6	10.4
1980	23	336.4	14.6	1980	9	119.2	13.6	1980	0	0.0		15 years	29.9	14.3	15 years	14.0	12.9	15 years	1.7	10.4
1981	22	324.2	14.7	1981	9	122.8	13.6	1981	0	0.0		14 years	30.5	14.2	14 years	14.4	12.8	14 years	1.9	10.4
1982	60	830.5	13.8	1982	33	418.1	12.7	1982	6	63.1	10.5	13 years	28.2	14.3	13 years	12.9	12.9	13 years	1.5	10.4
1983	24	344.7	14.4	1983	6	71.2	11.9	1983	2	20.9	10.5	12 years	28.6	14.2	12 years	13.5	12.9	12 years	1.5	10.4
1984	25	328.6	13.1	1984	13	147.7	11.4	1984	7	67.3	9.6	11 years	28.9	14.3	11 years	13.5	13.1	11 years	1.0	10.5
1985	39	543.1	13.9	1985	21	266.4	12.7	1985	3	31.2	10.4	10 years	27.9	14.4	10 years	12.8	13.1	10 years	0.8	10.5
1986	12	173.9	14.5	1986	5	66.2	13.2	1986	0	0.0		9 years	29.7	14.4	9 years	13.7	13.1	9 years	0.9	10.5
1987	24	359.4	15.0	1987	7	92.6	13.2	1987	0	0.0		8 years	30.4	14.3	8 years	14.5	13.1	8 years	1.0	10.5
1988	25	364.2	14.6	1988	11	148.3	13.5	1988	0	0.0		7 years	31.1	14.3	7 years	15.0	13.0	7 years	1.1	10.5
1989	33	467.1	14.2	1989	14	172.7	12.3	1989	3	31.0	10.3	6 years	30.8	14.3	6 years	15.2	13.2	6 years	0.8	10.5
1990	42	588.6	14.0	1990	24	310.5	12.9	1990	1	10.2	10.2	5 years	28.6	14.3	5 years	13.4	13.2	5 years	0.8	10.7
1991	36	517.7	14.4	1991	17	226.9	13.3	1991	0	0.0		4 years	26.8	14.3	4 years	12.5	13.2	4 years	1.0	1



10th 7.8	Annual # days below 10th percentile	Annual total C in days below 10th percentile	Annual average C in days below 10th percentile	5th 5.6	Annual # days below 5th percentile	Annual total C in days below 5th percentile	Annual average C in days below 5th percentile	1st 2.8	Annual # days below 1st percentile	Annual total C in days below 1st percentile	Annual average C in days below 1st percentile	Pre and post cumulative averages	AWS 10th percentile average in years pre and post AWS	Pre and post cumulative averages	AWS 5th percentile average in years pre and post AWS	Pre and post cumulative averages	AWS 1st percentile average in years pre and post AWS			
													Av # Av C		Av # Av C		Av # Av C			
1940	47	252.7	5.4	1940	26	104.2	4.0	1940	6	11.9	2.0									
1941	59	271.5	4.6	1941	37	132.6	3.6	1941	12	17.1	1.4									
1942	22	141.3	6.4	1942	7	35.1	5.0	1942	0	0.0										
1943	50	252.3	5.0	1943	30	120.0	4.0	1943	5	10.4	2.1									
1944	38	244.7	6.4	1944	12	56.7	4.7	1944	1	2.8	2.8									
1945	32	168.7	5.3	1945	14	45.4	3.2	1945	6	12.8	2.1									
1946	57	275.8	4.8	1946	35	124.0	3.5	1946	12	20.6	1.7									
1947	27	164.3	6.1	1947	9	37.7	4.2	1947	1	1.7	1.7									
1948	45	275.3	6.1	1948	15	66.2	4.4	1948	2	4.5	2.3									
1949	71	340.5	4.8	1949	42	139.9	3.3	1949	16	26.8	1.7									
1950	52	294.2	5.7	1950	25	108.5	4.3	1950	3	5.6	1.9									
1951	51	266.9	5.2	1951	30	117.9	3.9	1951	7	15.1	2.2									
1952	56	317.9	5.7	1952	27	111.6	4.1	1952	2	2.8	1.4									
1953	61	302.2	5.0	1953	40	160.0	4.0	1953	6	14.6	2.4									
1954	23	116.0	5.0	1954	18	78.8	4.4	1954	1	2.8	2.8									
1955	17	103.5	6.1	1955	6	25.4	4.2	1955	0	0.0										
1956	51	294.1	5.8	1956	16	55.6	3.5	1956	3	5.0	1.7									
1957	36	192.3	5.3	1957	18	73.0	4.1	1957	3	6.2	2.1									
1958	26	154.4	5.9	1958	9	42.8	4.8	1958	1	2.8	2.8									
1959	22	133.3	6.1	1959	9	43.4	4.8	1959	0	0.0										
1960	51	294.6	5.8	1960	17	65.5	3.9	1960	5	10.6	2.1									
1961	43	240.7	5.6	1961	21	92.7	4.4	1961	3	6.1	2.0									
1962	33	208.6	6.3	1962	11	53.9	4.9	1962	1	2.8	2.8									
1963	38	208.9	5.5	1963	19	75.4	4.0	1963	5	8.9	1.8									
1964	26	141.4	5.4	1964	12	50.3	4.2	1964	2	3.6	1.8									
1965	41	198.0	4.8	1965	25	84.5	3.4	1965	7	8.5	1.2									
1966	37	221.4	6.0	1966	12	47.0	3.9	1966	3	5.2	1.7									
1967	46	224.1	4.9	1967	32	126.9	4.0	1967	6	13.6	2.3									
1968	28	154.0	5.5	1968	15	63.5	4.2	1968	3	4.2	1.4									
1969	31	180.3	5.8	1969	12	51.8	4.3	1969	1	1.1	1.1									
1970	42	219.9	5.2	1970	21	75.6	3.6	1970	7	11.9	1.7									
1971	50	211.0	4.2	1971	32	88.0	2.8	1971	16	18.0	1.1									
1972	23	127.1	5.5	1972	13	61.2	4.7	1972	1	2.3	2.3									
1973	13	83.4	6.4	1973	3	15.0	5.0	1973	0	0.0										
1974	53	256.3	4.8	1974	32	116.6	3.6	1974	6	8.8	1.5									
1975	32	146.9	4.6	1975	19	60.6	3.2	1975	8	12.1	1.5									
1976	61	292.9	4.8	1976	35	117.7	3.4	1976	16	30.6	1.9									
1977	50	206.9	4.1	1977	31	81.2	2.6	1977	16	18.4	1.2	20 years	30.0	5.6	20 years	14.2	4.2	20 years	3.2	2.0
1978	42	214.2	5.1	1978	24	96.0	4.0	1978	5	10.5	2.1	19 years	28.9	5.7	19 years	13.3	4.3	19 years	2.5	2.0
1979	33	170.8	5.2	1979	18	68.5	3.8	1979	5	9.2	1.8	18 years	28.2	5.7	18 years	12.7	4.3	18 years	2.3	2.0
1980	25	149.7	6.0	1980	11	52.6	4.8	1980	1	2.3	2.3	17 years	27.9	5.7	17 years	12.4	4.3	17 years	2.2	2.1
1981	19	123.8	6.5	1981	4	16.1	4.0	1981	0	0.0		16 years	28.1	5.7	16 years	12.5	4.3	16 years	2.3	2.0
1982	52	246.0	4.7	1982	32	107.7	3.4	1982	16	36.0	2.3	15 years	28.7	5.6	15 years	13.1	4.3	15 years	2.4	2.0
1983	30	162.0	5.4	1983	14	52.0	3.7	1983	4	7.2	1.8	14 years	27.1	5.7	14 years	11.7	4.3	14 years	1.4	2.0
1984	25	116.5	4.7	1984	18	67.6	3.8	1984	6	10.2	1.7	13 years	26.8	5.7	13 years	11.5	4.4	13 years	1.2	2.0
1985	37	221.1	6.0	1985	13	55.0	4.2	1985	0	0.0		12 years	27.0	5.8	12 years	11.0	4.4	12 years	0.8	2.1
1986	22	124.5	5.7	1986	10	43.9	4.4	1986	1	2.6	2.6	11 years	26.1	5.8	11 years	10.8	4.5	11 years	0.9	2.1
1987	30	163.8	5.5	1987	17	77.5	4.6	1987	0	0.0		10 years	26.5	5.8	10 years	10.9	4.5	10 years	0.9	2.0
1988	19	120.2	6.3	1988	6	30.0	5.0	1988	0	0.0		9 years	26.1	5.9	9 years	10.2	4.5	9 years	1.0	2.0
1989	29	182.7	6.3	1989	6	28.0	4.7	1989	0	0.0		8 years	27.0	5.8	8 years	10.8	4.4	8 years	1.1	2.0
1990	18	100.2	5.6	1990	9	40.0	4.4	1990	0	0.0		7 years	26.7	5.7	7 years	11.4	4.4	7 years	1.3	2.0
1991	25	141.8	5.7	1991	13	59.2	4.6	1991	1	2.4	2.4	6 years	28.2	5.8	6 years	11.8	4.3	6 years	1.5	2.0
1992	28	139.1	5.0	1992	17	64.5	3.8	1992	5	11.7	2.3	5 years	28.8	5.8	5 years	11.6	4.3	5 years	1.6	1.8
1993	16	98.6	6.2	1993	4	16.3	4.1	1993	0	0.0		4 years	29.0	6.0	4 years	10.3	4.4	4 years	0.8	1.6
1994	52	311.0	6.0	1994	15	63.2	4.2	1994	2	3.7	1.9	3 years	33.3	5.9	3 years	12.3	4.5	3 years	1.0	1.6
1995	29	166.3	5.7	1995	14	62.1	4.4	1995	1	1.3	1.3	2 years	24.0	5.9	2 years	11.0	4.7	2 years	0.5	1.3
1996	19	115.5	6.1	1996	8	40.0	5.0	1996	0	0.0		1 years	19.0	6.1	1 years	8.0	5.0	1 years	0.0	
1997	0	0.0		1997	0	0.0		1997	0	0.0		0 years	0.0	0.0	0 years	0.0	0.0	0 years	0.0	
1998	11	63.0	5.7	1998	3	10.0	3.3	1998	0	0.0		1 years	11.0	5.7	1 years	3.0	3.3	1 years	0.0	
1999	36	209.0	5.8	1999	14	62.0	4.4	1999	0	0.0		2 years	23.5	5.8	2 years	8.5	3.9	2 years	0.0	
2000	33	162.0	4.9	2000	16	50.0	3.1	2000	6	9.0	1.5	3 years	26.7	5.5	3 years	11.0	3.6	3 years	2.0	1.5
2001	51	261.0	5.1	2001	27	102.0	3.8	2001	4	6.0	1.5	4 years	32.8	5.4	4 years	15.0	3.7	4 years	2.5	1.5
2002	54	262.0	4.9	2002	30	108.0	3.6	2002	8	13.0	1.6	5 years	37.0	5.3	5 years	18.0	3.7	5 years	3.6	1.5
2003	31	172.4	5.6	2003	14	58.8	4.2	2003	2	4.8	2.4	6 years	36.0	5.3	6 years	17.3	3.7	6 years	3.3	1.8
2004	43	222.9	5.2	2004	21	71.2	3.4	2004	7	11.3	1.6	7 years	37.0	5.3	7 years	17.9	3.7	7 years	3.9	1.7
2005	20	104.3	5.2	2005	13	58.0	4.5	2005	0	0.0		8 years	34.9	5.3	8 years	17.3	3.8	8 years	3.4	1.7
2006	56	302.0	5.4	2006	29	126.3	4.4	2006	2	3.9	2.0	9 years	37.2	5.3	9 years	18.6	3.9	9 years	3.2	1.8
2007	33	165.4	5.0	2007	19	72.4	3.8	2007	4	9.1	2.3	10 years	36.8	5.3	10 years	18.6	3.8	10 years	3.3	1.8
2008	31	178.8	5.8	2008	11	46.6	4.2	2008	1	2.2	2.2	11 years	36.3	5.3	11 years	17.9	3.9	11 years	3.1	1.9
2009	34	194.6	5.7	2009	16	71.3	4.5	2009	0	0.0		12 years	36.1	5.4	12 years	17.8	3.9	12 years	2.8	1.9
2010	28	171.7	6.1	2010	8	36.9	4.6	2010	0	0.0		13 years	35.5	5.4	13 years	17.0	4.0	13 years	2.6	1.9
2011	68	339.1	5.0	2011	41	152.6	3.7	2011	11	26.2	2.4	14 years	37.8	5.4	14 years	18.7	4.0	14 years	3.2	1.9
2012	65	339.0	5.2	2012	39	168.1	4.3	2012	3	8.1	2.7	15 years	39.6	5.4	15 years	20.1	4.0	15 years	3.2	2.0
2013	18	100.8	5.6	2013	8	33.6	4.2	2013	0	0.0		16 years	38.3	5.4	16 years	19.3	4.0	16 years	3.0	2.0
2014	34	171.7	5.1	2014	20	81.3	4.1	2014	3	7.7	2.6	17 years	38.0	5.4	17 years	19.4	4.0	17 years	3.0	2.1
2015	31	181.8	5.9	2015	11	45.9	4.2	2015	2	4.4	2.2	18 years	37.6	5.4	18 years	18.9	4.0	18 years	2.9	2.1
2016	14	81.4	5.8	2016	6	25.9	4.3	2016	1	2.8	2.8	19 years	36.4	5.4	19 years	18.2	4.0	19 years	2.8	2.1
2017	30	171.4	5.7	2017	16	74.3	4.6	2017	1	2.2	2.2	20 years	36.1	5.4	20 years	18.1	4.1	20 years	2.8	2.1
2018	43	218.5	5.1	2018	25	95.3	3.8	2018	4	9.0	2.3									



10th -1.7	Annual # days below 10th percentile	Annual total C in days below 10th percentile	Annual average C in days below 10th percentile	5th -3.3	Annual # days below 5th percentile	Annual total C in days below 5th percentile	Annual average C in days below 5th percentile	1st 2.8	Annual # days below 1st percentile	Annual total C in days below 1st percentile	Annual average C in days below 1st percentile	Pre and post cumulative averages		AWS 10th percentile average in years pre and post AWS		Pre and post cumulative averages		AWS 5th percentile average in years pre and post AWS		Pre and post cumulative averages		AWS 1st percentile average in years pre and post AWS	
												Av #	Av C	Av #	Av C	Av #	Av C	Av #	Av C				
1921	30	-85.3	-2.8	1921	8	-34.7	-4.3	1921	1	-5.9	-5.9												
1922	0	0.0		1922	0	0.0		1922	0	0.0													
1923	18	-47.7	-2.7	1923	6	-22.1	-3.7	1923	1	-5.6	-5.6												
1924	44	-199.2	-4.5	1924	31	-171.9	-5.5	1924	13	-91.9	-7.1												
1925	10	-23.4	-2.3	1925	2	-7.7	-3.9	1925	0	0.0													
1926	21	-55.1	-2.6	1926	7	-26.2	-3.7	1926	0	0.0													
1927	45	-167.6	-3.7	1927	27	-127.1	-4.7	1927	7	-41.1	-5.9												
1928	37	-132.6	-3.6	1928	19	-88.8	-4.7	1928	4	-24.1	-6.0												
1929	48	-204.4	-4.3	1929	30	-160.8	-5.4	1929	13	-88.4	-6.8												
1930	19	-45.0	-2.4	1930	3	-10.4	-3.5	1930	0	0.0													
1931	22	-59.2	-2.7	1931	5	-18.2	-3.6	1931	0	0.0													
1932	37	-113.3	-3.1	1932	12	-55.7	-4.6	1932	2	-14.2	-7.1												
1933	32	-100.5	-3.1	1933	16	-65.1	-4.1	1933	1	-6.1	-6.1												
1934	31	-74.6	-2.4	1934	4	-14.3	-3.6	1934	0	0.0													
1935	34	-112.9	-3.3	1935	16	-74.4	-4.7	1935	1	-7.9	-7.9												
1936	38	-117.5	-3.1	1936	13	-57.4	-4.4	1936	1	-5.9	-5.9												
1937	43	-168.3	-3.9	1937	24	-122.0	-5.1	1937	8	-52.1	-6.5												
1938	34	-116.2	-3.4	1938	17	-75.5	-4.4	1938	2	-14.0	-7.0												
1939	0	0.0		1939	0	0.0		1939	0	0.0													
1940	57	-198.8	-3.5	1940	36	-151.1	-4.2	1940	3	-17.0	-5.7												
1941	47	-180.6	-3.8	1941	32	-145.7	-4.6	1941	6	-39.1	-6.5												
1942	9	-19.7	-2.2	1942	0	0.0		1942	0	0.0													
1943	24	-74.4	-3.1	1943	9	-37.3	-4.1	1943	1	-5.7	-5.7												
1944	50	-156.8	-3.1	1944	21	-90.0	-4.3	1944	2	-11.4	-5.7												
1945	9	-27.0	-3.0	1945	3	-12.1	-4.0	1945	0	0.0													
1946	33	-105.4	-3.2	1946	12	-52.8	-4.4	1946	1	-5.7	-5.7												
1947	17	-56.2	-3.3	1947	8	-33.3	-4.2	1947	0	0.0													
1948	44	-156.9	-3.6	1948	25	-110.8	-4.4	1948	3	-16.8	-5.6												
1949	49	-178.9	-3.7	1949	30	-133.5	-4.5	1949	5	-29.9	-6.0												
1950	25	-80.7	-3.2	1950	10	-45.8	-4.6	1950	2	-12.2	-6.1												
1951	35	-109.5	-3.1	1951	15	-63.4	-4.2	1951	1	-6.1	-6.1												
1952	36	-125.0	-3.5	1952	18	-79.2	-4.4	1952	1	-5.7	-5.7												
1953	56	-205.1	-3.7	1953	34	-154.0	-4.5	1953	4	-24.4	-6.1												
1954	51	-183.2	-3.6	1954	30	-130.6	-4.4	1954	4	-24.4	-6.1												
1955	29	-102.8	-3.5	1955	16	-70.9	-4.4	1955	2	-11.6	-5.8												
1956	41	-142.7	-3.5	1956	20	-90.1	-4.5	1956	3	-20.0	-6.7												
1957	75	-307.8	-4.1	1957	44	-233.2	-5.3	1957	18	-120.4	-6.7												
1958	34	-114.1	-3.4	1958	17	-74.1	-4.4	1958	2	-12.0	-6.0												
1959	46	-165.8	-3.6	1959	26	-118.0	-4.5	1959	7	-45.1	-6.4												
1960	43	-161.8	-3.8	1960	25	-115.2	-4.6	1960	5	-30.0	-6.0												
1961	47	-174.6	-3.7	1961	24	-118.3	-4.9	1961	6	-37.7	-6.3												
1962	53	-199.6	-3.8	1962	23	-127.9	-5.6	1962	12	-81.0	-6.8												
1963	39	-133.3	-3.4	1963	21	-91.9	-4.4	1963	3	-18.8	-6.3												
1964	32	-101.4	-3.2	1964	13	-56.9	-4.4	1964	0	0.0													
1965	49	-210.6	-4.3	1965	34	-172.9	-5.1	1965	10	-67.8	-6.8												
1966	44	-156.6	-3.6	1966	23	-106.2	-4.6	1966	4	-22.8	-5.7												
1967	39	-152.7	-3.9	1967	23	-115.8	-5.0	1967	9	-58.0	-6.4												
1968	35	-118.2	-3.4	1968	18	-77.0	-4.3	1968	2	-11.8	-5.9												
1969	47	-167.4	-3.6	1969	25	-113.5	-4.5	1969	3	-21.8	-7.3												
1970	46	-172.2	-3.7	1970	26	-126.5	-4.9	1970	9	-55.2	-6.1												
1971	65	-305.0	-4.7	1971	52	-275.7	-5.3	1971	14	-105.6	-7.5												
1972	50	-186.4	-3.7	1972	28	-131.4	-4.7	1972	8	-49.6	-6.2												
1973	19	-53.5	-2.8	1973	3	-14.3	-4.8	1973	0	0.0													
1974	32	-128.6	-4.0	1974	20	-100.4	-5.0	1974	6	-37.5	-6.3												
1975	34	-114.1	-3.4	1975	17	-73.2	-4.3	1975	1	-6.8	-6.8												
1976	51	-213.1	-4.2	1976	31	-169.2	-5.5	1976	16	-99.6	-6.2												
1977	45	-157.2	-3.5	1977	18	-90.0	-5.0	1977	7	-43.3	-6.2												
1978	31	-106.6	-3.4	1978	18	-73.4	-4.1	1978	1	-6.4	-6.4												
1979	50	-207.3	-4.1	1979	35	-170.4	-4.9	1979	9	-54.9	-6.1												
1980	30	-89.3	-3.0	1980	11	-43.6	-4.0	1980	1	-5.6	-5.6												
1981	21	-55.7	-2.7	1981	4	-16.2	-4.1	1981	0	0.0													
1982	54	-202.6	-3.8	1982	29	-141.0	-4.9	1982	6	-43.1	-7.2												
1983	24	-83.1	-3.5	1983	14	-58.8	-4.2	1983	0	0.0													
1984	46	-161.6	-3.5	1984	24	-106.3	-4.4	1984	3	-18.6	-6.2												
1985	47	-176.2	-3.7	1985	28	-132.9	-4.7	1985	9	-56.4	-6.3												
1986	43	-155.5	-3.6	1986	22	-111.1	-5.1	1986	8	-52.1	-6.5												
1987	37	-143.9	-3.9	1987	21	-105.7	-5.0	1987	7	-43.7	-6.2												
1988	22	-52.8	-2.4	1988	1	-3.4	-3.4	1988	0	0.0													
1989	18	-55.3	-3.1	1989	7	-28.7	-4.1	1989	0	0.0													
1990	12	-33.9	-2.8	1990	4	-15.3	-3.8	1990	0	0.0													
1991	14	-39.2	-2.8	1991	4	-14.6	-3.7	1991	0	0.0													
1992	40	-133.9	-3.3	1992	19	-83.4	-4.4	1992	1	-5.6	-5.6												
1993	31	-93.9	-3.0	1993	8	-34.5	-4.3	1993	1	-6.2	-6.2												
1994	53	-208.3	-3.9	1994	30	-156.7	-5.2	1994	10	-67.6	-6.8												
1995	27	-88.5	-3.3	1995	13	-54.6	-4.2	1995	0	0.0													
1996	39	-135.6	-3.5	1996	21	-94.3	-4.5	1996	4	-24.8	-6.2												
1997	51	-201.6	-4.0	1997	35	-159.9	-4.6	1997	6	-38.3	-6.4												
1998	21	-72.4	-3.4	1998	10	-46.8	-4.7	1998	1	-6.0	-6.0												
1999	43	-156.9	-3.6	1999	23	-111.2	-4.8	1999	4	-23.9	-6.												







10th 5.0	Annual # days below 10th percentile	Annual total C in days below 10th percentile	Annual average C in days below 10th percentile	5th 4.0	Annual # days below 5th percentile	Annual total C in days below 5th percentile	Annual average C in days below 5th percentile	1st 2.4	Annual # days below 1st percentile	Annual total C in days below 1st percentile	Annual average C in days below 1st percentile	Pre and post cumulative averages		AWS 10th percentile average in years pre and post AWS		Pre and post cumulative averages		AWS 5th percentile average in years pre and post AWS		Pre and post cumulative averages		AWS 1st percentile average in years pre and post AWS	
												Av #	Av C	Av #	Av C	Av #	Av C	Av #	Av C				
1923	31	121.2	3.9	1923	15	46.5	3.1	1923	2	2.9	1.5												
1924	39	150.8	3.9	1924	21	66.7	3.2	1924	4	6.6	1.7												
1925	49	165.0	3.4	1925	29	74.1	2.6	1925	15	25.7	1.7												
1926	35	136.7	3.9	1926	20	65.7	3.3	1926	3	6.4	2.1												
1927	60	210.0	3.5	1927	36	97.4	2.7	1927	15	28.4	1.9												
1928	65	250.0	3.8	1928	31	96.4	3.1	1928	8	15.6	2.0												
1929	59	212.5	3.6	1929	34	96.2	2.8	1929	12	18.8	1.6												
1930	29	113.6	3.9	1930	14	43.4	3.1	1930	2	2.0	1.0												
1931	44	177.1	4.0	1931	19	61.4	3.2	1931	2	4.2	2.1												
1932	37	151.2	4.1	1932	17	58.6	3.4	1932	1	1.7	1.7												
1933	35	137.5	3.9	1933	12	32.3	2.7	1933	4	5.0	1.3												
1934	48	198.3	4.1	1934	18	58.6	3.3	1934	1	1.7	1.7												
1935	33	133.1	4.0	1935	13	41.0	3.2	1935	4	8.8	2.2												
1936	51	200.8	3.9	1936	24	76.3	3.2	1936	4	7.1	1.8												
1937	41	151.2	3.7	1937	22	65.5	3.0	1937	3	3.5	1.2												
1938	34	131.0	3.9	1938	15	45.0	3.0	1938	3	3.6	1.2												
1939	41	143.4	3.5	1939	18	36.1	2.0	1939	10	7.2	0.7												
1940	42	154.3	3.7	1940	26	80.3	3.1	1940	5	4.9	1.0												
1941	49	181.5	3.7	1941	24	68.3	2.8	1941	10	16.4	1.6												
1942	33	132.9	4.0	1942	13	41.5	3.2	1942	2	2.2	1.1												
1943	69	258.0	3.7	1943	37	110.0	3.0	1943	12	19.8	1.7												
1944	61	208.5	3.4	1944	43	121.8	2.8	1944	11	11.0	1.0												
1945	65	249.8	3.8	1945	35	108.2	3.1	1945	8	12.8	1.6												
1946	65	240.7	3.7	1946	39	116.7	3.0	1946	9	12.9	1.4												
1947	52	215.2	4.1	1947	22	74.2	3.4	1947	2	4.4	2.2												
1948	46	170.5	3.7	1948	23	62.7	2.7	1948	9	11.6	1.3												
1949	58	226.6	3.9	1949	29	88.2	3.0	1949	7	11.1	1.6												
1950	43	175.1	4.1	1950	23	77.5	3.4	1950	0	0.0													
1951	56	219.1	3.9	1951	27	78.9	2.9	1951	7	7.8	1.1												
1952	51	197.7	3.9	1952	27	84.9	3.1	1952	2	2.2	1.1												
1953	71	267.4	3.8	1953	37	109.4	3.0	1953	11	18.9	1.7												
1954	58	204.6	3.5	1954	36	97.6	2.7	1954	11	9.4	0.9												
1955	58	235.6	4.1	1955	23	70.8	3.1	1955	6	9.9	1.7												
1956	49	184.4	3.8	1956	26	77.2	3.0	1956	8	13.4	1.7												
1957	52	217.6	4.2	1957	20	67.2	3.4	1957	2	4.4	2.2												
1958	56	212.3	3.8	1958	31	95.7	3.1	1958	5	7.8	1.6												
1959	51	191.4	3.8	1959	27	76.8	2.8	1959	6	6.7	1.1												
1960	41	142.4	3.5	1960	22	53.4	2.4	1960	11	13.2	1.2												
1961	33	116.4	3.5	1961	20	55.6	2.8	1961	6	9.4	1.6												
1962	56	224.0	4.0	1962	21	61.6	2.9	1962	6	8.1	1.4												
1963	62	250.3	4.0	1963	28	89.8	3.2	1963	4	6.9	1.7												
1964	41	166.2	4.1	1964	19	62.2	3.3	1964	3	5.1	1.7												
1965	54	228.3	4.2	1965	19	64.1	3.4	1965	1	1.7	1.7												
1966	55	216.0	3.9	1966	27	82.6	3.1	1966	3	5.0	1.7												
1967	32	134.0	4.2	1967	14	47.6	3.4	1967	1	2.2	2.2												
1968	61	240.2	3.9	1968	28	86.6	3.1	1968	7	10.6	1.5												
1969	45	174.9	3.9	1969	24	74.4	3.1	1969	4	5.8	1.5												
1970	56	229.2	4.1	1970	25	82.9	3.3	1970	4	8.0	2.0												
1971	36	151.3	4.2	1971	15	49.9	3.3	1971	3	5.5	1.8												
1972	41	156.8	3.8	1972	21	64.3	3.1	1972	5	8.7	1.7												
1973	28	116.2	4.2	1973	10	31.7	3.2	1973	1	2.3	2.3												
1974	30	120.3	4.0	1974	16	53.9	3.4	1974	2	3.6	1.8												
1975	22	96.3	4.4	1975	6	20.8	3.5	1975	0	0.0		20 years	31.5	4.0	20 years	14.9	3.2	20 years	2.9	1.8			
1976	38	158.4	4.2	1976	15	52.6	3.5	1976	0	0.0		19 years	31.8	4.0	19 years	15.3	3.2	19 years	3.1	1.8			
1977	24	100.9	4.2	1977	7	23.0	3.3	1977	0	0.0		18 years	31.6	4.0	18 years	14.6	3.2	18 years	3.1	1.8			
1978	36	129.8	3.6	1978	28	92.2	3.3	1978	3	6.2	2.1	17 years	31.8	4.0	17 years	14.9	3.2	17 years	3.0	1.8			
1979	28	113.9	4.1	1979	9	25.2	2.8	1979	4	7.0	1.8	16 years	32.7	4.0	16 years	15.8	3.2	16 years	3.2	1.8			
1980	18	83.7	4.7	1980	0	0.0		1980	0	0.0		15 years	33.6	3.9	15 years	16.5	3.2	15 years	3.3	1.7			
1981	19	82.5	4.3	1981	5	16.9	3.4	1981	1	2.4	2.4	14 years	33.0	3.9	14 years	16.9	3.2	14 years	3.4	1.7			
1982	42	181.5	4.3	1982	11	35.0	3.2	1982	2	4.6	2.3	13 years	33.1	4.0	13 years	16.6	3.3	13 years	3.1	1.7			
1983	32	106.5	3.3	1983	21	54.4	2.6	1983	8	12.5	1.6	12 years	34.0	3.9	12 years	17.2	3.2	12 years	3.3	1.7			
1984	22	89.1	4.1	1984	10	34.7	3.5	1984	0	0.0		11 years	34.9	3.9	11 years	17.9	3.2	11 years	3.5	1.7			
1985	24	97.1	4.0	1985	9	29.1	3.2	1985	2	4.3	2.2	10 years	34.5	3.9	10 years	18.3	3.2	10 years	3.7	1.9			
1986	39	165.1	4.2	1986	14	47.6	3.4	1986	1	0.1	0.1	9 years	35.2	3.9	9 years	18.8	3.2	9 years	4.1	1.9			
1987	28	115.7	4.1	1987	14	50.8	3.6	1987	0	0.0		8 years	38.8	3.8	8 years	20.8	3.1	8 years	4.6	1.9			
1988	7	30.4	4.3	1988	3	11.7	3.9	1988	0	0.0		7 years	40.4	3.8	7 years	22.4	3.1	7 years	5.1	1.8			
1989	27	112.9	4.2	1989	9	29.4	3.3	1989	1	2.1	2.1	6 years	41.8	3.8	6 years	23.0	3.1	6 years	5.3	2.0			
1990	32	116.6	3.6	1990	19	56.4	3.0	1990	4	3.0	0.8	5 years	43.6	3.8	5 years	22.6	3.1	5 years	4.8	2.0			
1991	33	116.1	3.5	1991	25	77.3	3.1	1991	8	16.3	2.0	4 years	42.5	3.9	4 years	22.5	3.2	4 years	3.5	2.0			
1992	48	178.5	3.7	1992	23	63.6	2.8	1992	10	19.4	1.9	3 years	49.0	4.0	3 years	24.7	3.2	3 years	3.3	2.0			
1993	23	81.4	3.5	1993	16	49.4	3.1	1993	4	8.6	2.2	2 years	44.5	4.1	2 years	19.5	3.3	2 years	2.5	2.2			
1994	58	213.9	3.7	1994	35	107.1	3.1	1994	5	7.4	1.5	1 years	24.0	4.2	1 years	10.0	3.3	1 years	2.0	2.0			
1995	65	265.6	4.1	1995	29	96.2	3.3	1995	3	7.2	2.4	0 years	25.0	3.9	0 years	9.0	2.5	0 years	4.0	1.3			
1996	24	100.9	4.2	1996																			



10th 10.4	Annual # days below 10th percentile	Annual total C in days below 10th percentile	Annual average C in days below 10th percentile	5th 9.4	Annual # days below 5th percentile	Annual total C in days below 5th percentile	Annual average C in days below 5th percentile	1st 7.8	Annual # days below 1st percentile	Annual total C in days below 1st percentile	Annual average C in days below 1st percentile	Pre and post cumulative averages		AWS 10th percentile average in years pre and post AWS		Pre and post cumulative averages		AWS 5th percentile average in years pre and post AWS		Pre and post cumulative averages		AWS 1st percentile average in years pre and post AWS	
												Av #	Av C	Av #	Av C	Av #	Av C	Av #	Av C				
1910	41	370.7	9.0	1910	31	270.9	8.7	1910	2	15.6	7.8												
1911	40	372.2	9.3	1911	21	181.9	8.7	1911	3	22.5	7.5												
1912	35	323.0	9.2	1912	19	163.1	8.6	1912	3	21.8	7.3												
1913	28	263.7	9.4	1913	14	122.3	8.7	1913	3	22.8	7.6												
1914	21	192.2	9.2	1914	10	82.6	8.3	1914	3	20.0	6.7												
1915	21	187.7	8.9	1915	15	127.7	8.5	1915	4	28.8	7.2												
1916	43	388.8	9.0	1916	25	209.2	8.4	1916	7	50.4	7.2												
1917	64	582.7	9.1	1917	37	309.5	8.4	1917	9	58.8	6.5												
1918	29	262.7	9.1	1918	20	172.4	8.6	1918	5	37.3	7.5												
1919	50	464.4	9.3	1919	28	245.8	8.8	1919	2	13.4	6.7												
1920	45	397.8	8.8	1920	28	227.7	8.1	1920	10	68.8	6.9												
1921	21	193.0	9.2	1921	11	93.4	8.5	1921	3	21.3	7.1												
1922	44	395.9	9.0	1922	28	237.3	8.5	1922	6	43.3	7.2												
1923	41	380.4	9.3	1923	23	200.1	8.7	1923	2	12.3	6.2												
1924	35	329.2	9.4	1924	17	148.6	8.7	1924	1	7.2	7.2												
1925	45	416.4	9.3	1925	22	187.6	8.5	1925	3	21.2	7.1												
1926	44	400.5	9.1	1926	23	192.1	8.4	1926	4	26.7	6.7												
1927	41	374.9	9.1	1927	25	215.6	8.6	1927	4	28.5	7.1												
1928	34	304.6	9.0	1928	26	224.8	8.6	1928	5	34.7	6.9												
1929	60	531.2	8.9	1929	37	300.5	8.1	1929	13	88.1	6.8												
1930	35	328.5	9.4	1930	16	137.9	8.6	1930	3	20.5	6.8												
1931	61	556.7	9.1	1931	36	308.5	8.6	1931	9	66.5	7.4												
1932	37	346.6	9.4	1932	17	145.8	8.6	1932	3	21.6	7.2												
1933	40	358.2	9.0	1933	25	207.7	8.3	1933	7	50.2	7.2												
1934	44	414.5	9.4	1934	25	223.9	9.0	1934	2	14.5	7.3												
1935	55	493.9	9.0	1935	36	303.1	8.4	1935	10	70.3	7.0												
1936	46	432.4	9.4	1936	22	191.9	8.7	1936	3	23.0	7.7												
1937	47	434.2	9.2	1937	27	233.3	8.6	1937	3	21.4	7.1												
1938	31	286.6	9.2	1938	15	127.0	8.5	1938	4	30.3	7.6												
1939	37	336.2	9.1	1939	20	166.9	8.3	1939	5	36.5	7.3												
1940	25	228.0	9.1	1940	15	128.7	8.6	1940	4	30.4	7.6												
1941	32	298.6	9.3	1941	16	138.6	8.7	1941	3	21.6	7.2												
1942	40	364.8	9.1	1942	23	193.5	8.4	1942	6	40.9	6.8												
1943	43	392.4	9.1	1943	24	203.3	8.5	1943	5	35.8	7.2												
1944	27	245.7	9.1	1944	18	155.9	8.7	1944	4	29.5	7.4												
1945	28	243.0	8.7	1945	23	193.0	8.4	1945	5	31.8	6.4												
1946	47	429.4	9.1	1946	33	289.4	8.8	1946	4	26.1	6.5												
1947	39	357.3	9.2	1947	28	247.3	8.8	1947	3	21.7	7.2												
1948	30	264.8	8.8	1948	19	154.8	8.1	1948	7	49.5	7.1												
1949	22	186.5	8.5	1949	17	136.5	8.0	1949	6	39.0	6.5												
1950	39	334.7	8.6	1950	32	264.7	8.3	1950	10	67.8	6.8												
1951	44	387.9	8.8	1951	27	217.9	8.1	1951	12	85.5	7.1												
1952	49	452.8	9.2	1952	29	252.8	8.7	1952	7	54.0	7.7												
1953	39	364.2	9.3	1953	19	164.2	8.6	1953	5	37.8	7.6												
1954	35	323.3	9.2	1954	19	163.3	8.6	1954	5	37.3	7.5												
1955	47	429.2	9.1	1955	30	259.1	8.6	1955	7	52.2	7.5												
1956	52	468.3	9.0	1956	33	277.2	8.4	1956	8	54.1	6.8												
1957	33	305.7	9.3	1957	18	156.5	8.7	1957	2	13.4	6.7												
1958	45	407.4	9.1	1958	31	267.3	8.6	1958	8	59.0	7.4												
1959	30	267.7	8.9	1959	20	167.7	8.4	1959	6	44.2	7.4												
1960	49	442.9	9.0	1960	30	253.2	8.4	1960	4	20.6	5.2												
1961	42	392.1	9.3	1961	23	202.4	8.8	1961	4	29.5	7.4												
1962	38	353.2	9.3	1962	21	181.4	8.6	1962	2	14.1	7.1												
1963	39	356.2	9.1	1963	24	205.0	8.5	1963	4	27.6	6.9												
1964	59	515.8	8.7	1964	40	327.2	8.2	1964	12	76.9	6.4												
1965	32	301.4	9.4	1965	14	120.7	8.6	1965	3	21.1	7.0												
1966	47	420.1	8.9	1966	29	240.9	8.3	1966	7	45.1	6.4												
1967	40	371.8	9.3	1967	24	211.8	8.8	1967	4	30.6	7.7												
1968	71	619.6	8.7	1968	44	350.5	8.0	1968	20	135.8	6.8												
1969	47	433.5	9.2	1969	27	234.1	8.7	1969	6	45.0	7.5												
1970	53	479.6	9.0	1970	27	219.6	8.1	1970	11	76.6	7.0												
1971	55	467.0	8.5	1971	37	289.3	7.8	1971	20	138.2	6.9												
1972	54	479.5	8.9	1972	37	311.0	8.4	1972	12	90.1	7.5												
1973	52	462.3	8.9	1973	31	254.2	8.2	1973	10	69.7	7.0												
1974	26	245.4	9.4	1974	10	87.6	8.8	1974	0	0.0													
1975	39	347.1	8.9	1975	23	189.3	8.2	1975	7	47.9	6.8	20 years	35.7	9.2	20 years	16.3	8.4	20 years	3.4	7.1			
1976	32	292.3	9.1	1976	14	115.4	8.2	1976	5	35.0	7.0	19 years	35.9	9.2	19 years	16.4	8.4	19 years	3.3	7.1			
1977	37	328.7	8.9	1977	20	160.5	8.0	1977	9	65.3	7.3	18 years	35.8	9.2	18 years	16.2	8.4	18 years	3.0	7.1			
1978	51	460.3	9.0	1978	26	214.3	8.2	1978	6	40.8	6.8	17 years	34.9	9.3	17 years	15.6	8.4	17 years	2.8	7.1			
1979	41	380.3	9.3	1979	16	133.9	8.4	1979	3	22.0	7.3	16 years	34.6	9.3	16 years	15.6	8.4	16 years	2.8	7.1			
1980	38	344.2	9.1	1980	18	147.5	8.2	1980	4	27.5	6.9	15 years	34.3	9.3	15 years	15.4	8.4	15 years	2.7	7.1			
1981	48	439.0	9.1	1981	23	189.7	8.2	1981	3	17.0	5.7	14 years	33.4	9.3	14 years	14.9	8.4	14 years	2.7	7.2			
1982	42	390.4	9.3	1982	19	165.4	8.4	1982	2	15.0	7.5	13 years	32.7	9.3	13 years	14.5	8.4	13 years	2.8	7.2			
1983	14	130.8	9.3	1983	6	50.4	8.7	1983	1	7.5	7.5	12 years	34.3	9.3	12 years	15.3	8.4	12 years	2.9	7.2			
1984	38	346.8	9.1	1984	15	120.6	8.0	1984	5	35.3	7.1	11 years	33.9	9.3	11 years	15.3							



10th 12.8	Annual # days below 10th percentile	Annual total C in days below 10th percentile	Annual average C in days below 10th percentile	5th 11.6	Annual # days below 5th percentile	Annual total C in days below 5th percentile	Annual average C in days below 5th percentile	1st 7.8	Annual # days below 1st percentile	Annual total C in days below 1st percentile	Annual average C in days below 1st percentile	Pre and post cumulative averages		AWS 10th percentile average in years pre and post AWS		Pre and post cumulative averages		AWS 5th percentile average in years pre and post AWS		Pre and post cumulative averages		AWS 1st percentile average in years pre and post AWS	
												Av #	Av C	Av #	Av C	Av #	Av C	Av #	Av C				
1910	43	478.9	11.1	1910	23	234.6	10.2	1910	4	33.2	8.3												
1911	56	629.5	11.2	1911	32	324.7	10.1	1911	6	51.0	8.5												
1912	41	469.2	11.4	1912	20	207.1	10.4	1912	4	37.4	9.4												
1913	51	591.7	11.6	1913	19	196.2	10.3	1913	3	25.8	8.6												
1914	31	330.8	10.7	1914	18	172.3	9.6	1914	8	68.1	8.5												
1915	34	398.4	11.7	1915	10	103.9	10.4	1915	2	18.3	9.2												
1916	40	434.6	10.9	1916	26	264.5	10.2	1916	7	61.7	8.8												
1917	49	559.9	11.4	1917	23	238.5	10.4	1917	4	34.3	8.6												
1918	54	627.2	11.6	1918	25	266.8	10.7	1918	3	24.1	8.0												
1919	36	402.9	11.2	1919	16	160.5	10.0	1919	6	53.4	8.9												
1920	44	489.7	11.1	1920	22	220.9	10.0	1920	6	52.9	8.8												
1921	20	212.5	10.6	1921	9	76.6	8.5	1921	6	44.9	7.5												
1922	48	540.7	11.3	1922	20	201.0	10.1	1922	8	71.6	9.0												
1923	56	628.6	11.2	1923	32	333.1	10.4	1923	8	69.3	8.7												
1924	26	293.9	11.3	1924	12	125.1	10.4	1924	2	17.2	8.6												
1925	50	563.1	11.3	1925	28	292.2	10.4	1925	5	44.0	8.8												
1926	42	473.4	11.3	1926	18	180.4	10.0	1926	5	43.0	8.6												
1927	47	524.9	11.2	1927	24	241.0	10.0	1927	8	71.1	8.9												
1928	48	545.5	11.4	1928	21	213.8	10.2	1928	6	54.2	9.0												
1929	65	729.0	11.2	1929	31	312.7	10.1	1929	10	89.3	8.9												
1930	38	426.4	11.2	1930	19	192.9	10.2	1930	4	32.7	8.2												
1931	36	398.1	11.1	1931	19	189.9	10.0	1931	7	62.8	9.0												
1932	56	614.1	11.0	1932	31	304.7	9.8	1932	13	112.2	8.6												
1933	44	484.8	11.0	1933	23	229.6	10.0	1933	10	89.9	9.0												
1934	44	500.8	11.4	1934	24	257.3	10.7	1934	3	27.5	9.2												
1935	40	441.1	11.0	1935	27	282.6	10.5	1935	3	25.0	8.3												
1936	36	406.0	11.3	1936	17	170.6	10.0	1936	6	50.5	8.4												
1937	46	528.7	11.5	1937	22	236.5	10.8	1937	2	16.6	8.3												
1938	49	553.1	11.3	1938	22	221.6	10.1	1938	6	52.9	8.8												
1939	55	609.3	11.1	1939	32	329.1	10.3	1939	9	81.9	9.1												
1940	34	396.8	11.7	1940	10	100.9	10.1	1940	1	8.9	8.9												
1941	51	578.6	11.3	1941	21	210.6	10.0	1941	7	63.2	9.0												
1942	28	329.7	11.8	1942	9	93.9	10.4	1942	0	0.0													
1943	55	608.6	11.1	1943	26	254.2	9.8	1943	11	95.5	8.7												
1944	48	557.5	11.6	1944	18	185.8	10.3	1944	3	24.4	8.1												
1945	35	400.3	11.4	1945	13	128.4	9.9	1945	5	43.9	8.8												
1946	46	514.3	11.2	1946	21	207.4	9.9	1946	10	89.5	9.0												
1947	16	186.8	11.7	1947	5	51.7	10.3	1947	1	8.9	8.9												
1948	52	584.9	11.2	1948	20	200.0	10.0	1948	8	70.5	8.8												
1949	56	629.8	11.2	1949	23	220.6	9.6	1949	9	71.1	7.9												
1950	34	396.8	11.7	1950	11	113.3	10.3	1950	2	17.7	8.9												
1951	56	619.3	11.1	1951	30	299.4	10.0	1951	9	74.9	8.3												
1952	49	550.6	11.2	1952	23	231.6	10.1	1952	7	60.9	8.7												
1953	51	566.2	11.1	1953	28	287.6	10.3	1953	7	63.7	9.1												
1954	33	376.4	11.4	1954	15	154.5	10.3	1954	4	36.6	9.2												
1955	39	437.0	11.2	1955	19	189.3	10.0	1955	7	62.9	9.0												
1956	69	762.8	11.1	1956	42	430.8	10.3	1956	11	99.9	9.1												
1957	41	466.3	11.4	1957	19	198.9	10.5	1957	2	18.8	9.4												
1958	40	459.0	11.5	1958	20	210.6	10.5	1958	3	27.3	9.1												
1959	33	367.0	11.1	1959	19	195.1	10.3	1959	6	54.4	9.1												
1960	61	662.2	10.9	1960	38	380.3	10.0	1960	14	122.5	8.8												
1961	61	696.2	11.4	1961	25	253.3	10.1	1961	7	61.6	8.8												
1962	38	434.5	11.4	1962	19	199.0	10.5	1962	3	23.9	8.0												
1963	47	526.3	11.2	1963	20	195.6	9.8	1963	9	78.5	8.7												
1964	36	396.5	11.0	1964	20	201.6	10.1	1964	6	52.2	8.7												
1965	58	657.6	11.3	1965	24	237.3	9.9	1965	9	79.8	8.9												
1966	48	544.0	11.3	1966	19	186.5	9.8	1966	6	49.9	8.3												
1967	42	491.1	11.7	1967	12	119.4	10.0	1967	3	24.4	8.1												
1968	74	813.6	11.0	1968	42	420.2	10.0	1968	11	94.9	8.6												
1969	47	543.7	11.6	1969	19	198.3	10.4	1969	3	28.0	9.3												
1970	51	580.1	11.4	1970	23	236.4	10.3	1970	4	34.4	8.6												
1971	44	504.4	11.5	1971	15	154.0	10.3	1971	3	26.9	9.0												
1972	32	363.8	11.4	1972	14	141.5	10.1	1972	3	25.2	8.4												
1973	16	184.3	11.5	1973	6	63.0	10.5	1973	1	9.3	9.3												
1974	48	532.0	11.1	1974	31	323.1	10.4	1974	6	54.3	9.1												
1975	27	312.8	11.6	1975	11	115.6	10.5	1975	2	17.4	8.7												
1976	29	328.3	11.3	1976	18	193.6	10.8	1976	1	9.0	9.0	20 years	34.3	11.3	20 years	19.1	10.5	20 years	3.5	8.8			
1977	37	401.1	10.8	1977	23	229.7	10.0	1977	9	79.0	8.8	19 years	34.6	11.3	19 years	19.1	10.4	19 years	3.6	8.8			
1978	54	601.8	11.1	1978	32	331.9	10.4	1978	7	60.0	8.6	18 years	34.4	11.3	18 years	18.9	10.5	18 years	3.3	8.8			
1979	36	411.9	11.1	1979	18	191.3	10.6	1979	2	17.1	8.6	17 years	33.3	11.3	17 years	18.1	10.5	17 years	3.1	8.8			
1980	30	348.1	11.6	1980	11	115.8	10.5	1980	1	9.2	9.2	16 years	33.1	11.3	16 years	18.1	10.5	16 years	3.2	8.9			
1981	47	537.3	11.4	1981	24	255.8	10.7	1981	2	18.7	9.4	15 years	33.3	11.3	15 years	18.6	10.5	15 years	3.3	8.8			
1982	44	497.1	11.3	1982	25	265.0	10.6	1982	4	35.9	9.0	14 years	32.4	11.3	14 years	18.2	10.4	14 years	3.4	8.8			
1983	40	457.5	11.4	1983	20	209.0	10.5	1983	3	25.5	8.5	13 years	31.5	11.2	13 years	17.7	10.4	13 years	3.4	8.8			
1984	31	346.0	11.2	1984</																			



10th 7.0	Annual # days below 10th percentile	Annual total C in days below 10th percentile	Annual average C in days below 10th percentile	5th 6.0	Annual # days below 5th percentile	Annual total C in days below 5th percentile	Annual average C in days below 5th percentile	1st 4.4	Annual # days below 1st percentile	Annual total C in days below 1st percentile	Annual average C in days below 1st percentile	Pre and post cumulative averages		AWS 10th percentile average in years pre and post AWS		Pre and post cumulative averages		AWS 5th percentile average in years pre and post AWS		Pre and post cumulative averages		AWS 1st percentile average in years pre and post AWS	
												Av #	Av C	Av #	Av C	Av #	Av C	Av #	Av C				
1910	21	125.5	6.0	1910	8	41.3	5.2	1910	1	4.3	4.3												
1911	34	191.1	5.6	1911	19	93.5	4.9	1911	5	18.5	3.7												
1912	30	174.6	5.8	1912	14	68.7	4.9	1912	5	19.5	3.9												
1913	34	199.9	5.9	1913	18	95.4	5.3	1913	4	16.4	4.1												
1914	75	391.3	5.2	1914	49	223.7	4.6	1914	22	79.6	3.6												
1915	37	220.4	6.0	1915	13	66.5	5.1	1915	2	6.6	3.3												
1916	51	311.7	6.1	1916	20	107.2	5.4	1916	2	6.9	3.5												
1917	31	181.3	5.8	1917	14	71.3	5.1	1917	2	7.8	3.9												
1918	18	104.2	5.8	1918	8	39.3	4.9	1918	2	6.8	3.4												
1919	25	146.3	5.9	1919	11	54.8	5.0	1919	4	17.3	4.3												
1920	37	219.4	5.9	1920	17	90.2	5.3	1920	2	7.2	3.6												
1921	18	109.3	6.1	1921	6	29.5	4.9	1921	2	8.3	4.2												
1922	31	169.3	5.5	1922	19	90.3	4.8	1922	7	25.0	3.6												
1923	31	186.4	6.0	1923	14	76.3	5.5	1923	1	4.2	4.2												
1924	30	167.5	5.6	1924	19	96.2	5.1	1924	4	16.7	4.2												
1925	39	224.7	5.8	1925	19	96.7	5.1	1925	5	20.5	4.1												
1926	23	141.2	6.1	1926	9	49.6	5.5	1926	0	0.0													
1927	53	302.1	5.7	1927	28	138.7	5.0	1927	9	35.0	3.9												
1928	33	189.0	5.7	1928	19	98.1	5.2	1928	4	15.7	3.9												
1929	48	264.1	5.5	1929	28	131.1	4.7	1929	11	39.5	3.6												
1930	34	203.0	6.0	1930	13	63.3	4.9	1930	4	17.2	4.3												
1931	41	244.4	6.0	1931	17	88.4	5.2	1931	4	15.6	3.9												
1932	33	188.6	5.7	1932	20	103.1	5.2	1932	3	10.4	3.5												
1933	43	255.4	5.9	1933	21	111.0	5.3	1933	2	8.8	4.4												
1934	19	113.7	6.0	1934	7	36.9	5.3	1934	1	3.9	3.9												
1935	82	465.9	5.7	1935	40	197.3	4.9	1935	9	28.2	3.1												
1936	30	179.8	6.0	1936	11	58.2	5.3	1936	1	4.4	4.4												
1937	23	135.6	5.9	1937	10	53.0	5.3	1937	1	4.4	4.4												
1938	32	179.6	5.6	1938	18	88.6	4.9	1938	6	23.1	3.9												
1939	49	289.2	5.9	1939	19	94.2	5.0	1939	6	23.4	3.9												
1940	36	217.9	6.1	1940	12	59.8	5.0	1940	2	7.6	3.8												
1941	43	247.9	5.8	1941	20	98.6	4.9	1941	7	29.3	4.2												
1942	39	228.3	5.9	1942	19	97.7	5.1	1942	3	10.5	3.5												
1943	48	267.1	5.6	1943	27	133.6	4.9	1943	8	32.0	4.0												
1944	66	359.4	5.4	1944	36	167.4	4.7	1944	15	55.8	3.7												
1945	53	292.7	5.5	1945	33	163.5	5.0	1945	10	41.9	4.2												
1946	58	345.7	6.0	1946	19	92.8	4.9	1946	6	24.2	4.0												
1947	38	222.9	5.9	1947	19	98.0	5.2	1947	5	22.0	4.4												
1948	49	288.5	5.9	1948	20	101.4	5.1	1948	5	20.4	4.1												
1949	58	328.7	5.7	1949	28	133.7	4.8	1949	12	46.5	3.9												
1950	37	218.9	5.9	1950	13	62.3	4.8	1950	5	20.5	4.1												
1951	42	239.0	5.7	1951	21	102.8	4.9	1951	5	17.4	3.5												
1952	57	315.4	5.5	1952	27	122.8	4.5	1952	12	42.7	3.6												
1953	47	273.5	5.8	1953	19	92.8	4.9	1953	5	17.7	3.5												
1954	43	250.5	5.8	1954	18	90.2	5.0	1954	3	12.2	4.1												
1955	48	284.5	5.9	1955	16	77.3	4.8	1955	6	24.3	4.1												
1956	46	259.9	5.7	1956	26	130.5	5.0	1956	7	29.8	4.3												
1957	41	234.0	5.7	1957	21	105.2	5.0	1957	4	15.4	3.9												
1958	53	294.9	5.6	1958	31	152.9	4.9	1958	11	46.3	4.2												
1959	37	212.2	5.7	1959	17	83.0	4.9	1959	7	28.2	4.0												
1960	102	509.3	5.0	1960	64	267.3	4.2	1960	36	113.5	3.2												
1961	39	224.2	5.7	1961	17	82.8	4.9	1961	7	29.2	4.2												
1962	46	251.1	5.5	1962	20	82.3	4.1	1962	12	40.5	3.4												
1963	45	238.8	5.3	1963	28	129.7	4.6	1963	11	38.7	3.5												
1964	46	257.1	5.6	1964	22	104.0	4.7	1964	11	43.3	3.9												
1965	41	231.7	5.7	1965	24	122.0	5.1	1965	7	29.8	4.3												
1966	48	270.0	5.6	1966	18	76.8	4.3	1966	8	22.6	2.8												
1967	30	177.4	5.9	1967	10	50.6	5.1	1967	3	13.2	4.4												
1968	66	378.6	5.7	1968	29	141.5	4.9	1968	10	39.2	3.9												
1969	43	252.9	5.9	1969	17	83.4	4.9	1969	5	17.5	3.5												
1970	53	311.3	5.9	1970	25	129.0	5.2	1970	5	20.4	4.1												
1971	44	249.7	5.7	1971	23	113.1	4.9	1971	6	24.3	4.1												
1972	36	214.3	6.0	1972	14	68.6	4.9	1972	3	11.5	3.8												
1973	35	211.9	6.1	1973	13	67.6	5.2	1973	2	8.5	4.3												
1974	32	190.0	5.9	1974	17	88.7	5.2	1974	2	6.8	3.4	20 years	38.5	6.0	20 years	17.7	5.2	20 years	2.7	3.9			
1975	27	163.1	6.0	1975	12	64.1	5.3	1975	0	0.0		19 years	38.8	6.0	19 years	17.7	5.2	19 years	2.7	3.9			
1976	34	194.0	5.7	1976	22	113.1	5.1	1976	2	7.0	3.5	18 years	39.4	6.0	18 years	18.1	5.2	18 years	2.8	3.9			
1977	55	338.4	6.2	1977	18	93.3	5.2	1977	4	16.8	4.2	17 years	39.8	6.0	17 years	17.8	5.2	17 years	2.9	3.9			
1978	34	193.7	5.7	1978	20	101.0	5.1	1978	5	19.8	4.0	16 years	38.8	6.0	16 years	17.8	5.2	16 years	2.8	3.9			
1979	42	258.5	6.2	1979	16	84.4	5.3	1979	3	12.7	4.2	15 years	39.1	6.0	15 years	17.7	5.2	15 years	2.7	3.9			
1980	22	138.4	6.3	1980	9	51.2	5.7	1980	0	0.0		14 years	38.9	6.0	14 years	17.8	5.2	14 years	2.6	3.9			
1981	41	244.0	6.0	1981	20	104.4	5.2	1981	4	15.0	3.8	13 years	40.2	6.0	13 years	18.5	5.1	13 years	2.8	3.9			
1982	55	318.1	5.8	1982	33	172.6	5.2	1982	3	11.4	3.8	12 years	40.2	6.0	12 years	18.3	5.1	12 years	2.8	3.9			
1983	33	202.4	6.1	1983	12	62.1	5.2	1983	2	7.9	4.0	11 years	38.8	6.1	11 years	17.0	5.1	11 years	2.7	3.9			
1984	38	226.9	6.0	1984	19	97.8	5.1	1984	4	13.6	3.4	10 years	39.4	6.0	10 years	17.5	5.1	10 years	2.8	3.9			



10th 10.2	Annual # days below 10th percentile	Annual total C in days below 10th percentile	Annual average C in days below 10th percentile	5th 8.9	Annual # days below 5th percentile	Annual total C in days below 5th percentile	Annual average C in days below 5th percentile	1st 6.5	Annual # days below 1st percentile	Annual total C in days below 1st percentile	Annual average C in days below 1st percentile	Pre and post cumulative averages		AWS 10th percentile average in years pre and post AWS		Pre and post cumulative averages		AWS 5th percentile average in years pre and post AWS		Pre and post cumulative averages		AWS 1st percentile average in years pre and post AWS		
												Av #	Av C	Av #	Av C	Av #	Av C	Av #	Av C					
1910	48	412.1	8.6	1910	26	197.2	7.6	1910	3	17.3	5.8													
1911	52	452.5	8.7	1911	23	171.7	7.5	1911	5	27.8	5.6													
1912	33	296.0	9.0	1912	15	121.2	8.1	1912	0	0.0														
1913	33	303.7	9.2	1913	12	100.1	8.3	1913	0	0.0														
1914	33	278.2	8.4	1914	18	133.5	7.4	1914	3	16.3	5.4													
1915	21	192.6	9.2	1915	6	48.6	8.1	1915	0	0.0														
1916	34	268.2	7.9	1916	20	132.0	6.6	1916	7	30.6	4.4													
1917	52	458.5	8.8	1917	21	161.1	7.7	1917	3	16.3	5.4													
1918	35	294.2	8.4	1918	24	186.5	7.8	1918	1	6.1	6.1													
1919	25	232.1	9.3	1919	9	74.8	8.3	1919	0	0.0														
1920	41	330.9	8.1	1920	25	176.2	7.0	1920	7	35.5	5.1													
1921	32	277.8	8.7	1921	17	135.7	8.0	1921	0	0.0														
1922	55	445.4	8.1	1922	34	241.6	7.1	1922	11	61.7	5.6													
1923	40	341.2	8.5	1923	25	194.9	7.8	1923	4	23.9	6.0													
1924	34	271.6	8.0	1924	24	175.0	7.3	1924	5	22.2	4.4													
1925	65	556.1	8.6	1925	34	256.9	7.6	1925	7	37.8	5.4													
1926	45	387.3	8.6	1926	21	155.5	7.4	1926	5	30.5	6.1													
1927	37	309.1	8.4	1927	23	172.1	7.5	1927	5	28.7	5.7													
1928	44	381.8	8.7	1928	21	159.9	7.6	1928	5	31.1	6.2													
1929	50	407.0	8.1	1929	31	224.6	7.2	1929	6	33.1	5.5													
1930	21	193.1	9.2	1930	7	56.1	8.0	1930	0	0.0														
1931	53	462.0	8.7	1931	24	182.8	7.6	1931	5	29.0	5.8													
1932	29	256.0	8.8	1932	11	84.3	7.7	1932	2	12.3	6.2													
1933	40	343.0	8.6	1933	22	169.0	7.7	1933	2	12.1	6.1													
1934	41	327.9	8.0	1934	30	221.7	7.4	1934	9	53.9	6.0													
1935	40	362.4	9.1	1935	16	131.5	8.2	1935	1	6.3	6.3													
1936	26	226.7	8.7	1936	14	111.0	7.9	1936	0	0.0														
1937	43	362.5	8.4	1937	27	208.5	7.7	1937	3	17.6	5.9													
1938	28	237.6	8.5	1938	16	124.2	7.8	1938	3	18.0	6.0													
1939	34	296.7	8.7	1939	18	141.2	7.8	1939	2	11.7	5.9													
1940	18	172.7	9.6	1940	3	26.7	8.9	1940	0	0.0														
1941	19	182.6	9.6	1941	2	16.4	8.2	1941	0	0.0														
1942	27	231.5	8.6	1942	17	135.3	8.0	1942	1	6.1	6.1													
1943	38	310.3	8.2	1943	24	174.9	7.3	1943	7	36.5	5.2													
1944	24	210.0	8.8	1944	13	101.8	7.8	1944	1	6.1	6.1													
1945	20	186.7	9.3	1945	5	41.1	8.2	1945	0	0.0														
1946	23	183.6	8.0	1946	18	134.7	7.5	1946	4	19.6	4.9													
1947	28	262.2	9.4	1947	8	66.7	8.3	1947	0	0.0														
1948	28	255.7	9.1	1948	10	79.5	8.0	1948	0	0.0														
1949	20	188.4	9.4	1949	6	51.2	8.5	1949	0	0.0														
1950	39	318.3	8.2	1950	28	211.5	7.6	1950	4	19.9	5.0													
1951	43	367.9	8.6	1951	22	166.1	7.6	1951	3	15.9	5.3													
1952	46	385.1	8.4	1952	30	229.7	7.7	1952	2	11.1	5.6													
1953	42	372.8	8.9	1953	16	121.8	7.6	1953	2	9.0	4.5													
1954	51	445.4	8.7	1954	26	202.5	7.8	1954	3	18.9	6.3													
1955	38	315.6	8.3	1955	19	130.9	6.9	1955	7	35.9	5.1													
1956	44	372.6	8.5	1956	30	238.9	8.0	1956	3	17.8	5.9													
1957	46	367.9	8.0	1957	30	213.1	7.1	1957	10	52.5	5.3													
1958	30	250.5	8.4	1958	19	146.5	7.7	1958	1	5.9	5.9													
1959	14	123.3	8.8	1959	7	56.4	8.1	1959	0	0.0														
1960	43	367.5	8.5	1960	24	182.8	7.6	1960	5	28.9	5.8													
1961	30	242.7	8.1	1961	22	165.3	7.5	1961	6	34.5	5.8													
1962	33	285.5	8.7	1962	18	138.5	7.7	1962	2	11.9	6.0													
1963	19	170.4	9.0	1963	8	63.2	7.9	1963	0	0.0														
1964	29	245.7	8.5	1964	14	101.0	7.2	1964	4	23.0	5.8													
1965	22	195.3	8.9	1965	11	89.9	8.2	1965	0	0.0														
1966	59	487.8	8.3	1966	38	282.5	7.4	1966	6	34.0	5.7													
1967	42	347.1	8.3	1967	25	184.7	7.4	1967	6	33.7	5.6													
1968	53	438.5	8.3	1968	32	236.1	7.4	1968	7	39.2	5.6													
1969	36	292.8	8.1	1969	25	188.2	7.5	1969	1	4.6	4.6													
1970	27	234.1	8.7	1970	16	126.9	7.9	1970	0	0.0														
1971	33	296.5	9.0	1971	14	113.2	8.1	1971	0	0.0														
1972	26	231.8	8.9	1972	10	76.3	7.6	1972	0	0.0														
1973	32	281.0	8.8	1973	15	117.7	7.8	1973	1	5.1	5.1													
1974	22	200.7	9.1	1974	7	57.8	8.3	1974	0	0.0														
1975	44	378.3	8.6	1975	24	185.7	7.7	1975	4	24.3	6.1	20 years	36.6	8.7	20 years	17.4	7.7	20 years	3.5	5.8				
1976	29	248.7	8.6	1976	18	142.4	7.9	1976	2	11.7	5.9	19 years	37.0	8.7	19 years	17.4	7.7	19 years	3.5	5.8				
1977	33	294.0	8.9	1977	13	102.0	7.8	1977	0	0.0		18 years	37.2	8.7	18 years	17.6	7.7	18 years	3.7	5.8				
1978	51	449.6	8.8	1978	24	188.5	7.9	1978	3	18.5	6.2	17 years	36.4	8.7	17 years	17.2	7.6	17 years	3.8	5.7				
1979	49	405.9	8.3	1979	29	213.4	7.4	1979	6	32.2	5.4	16 years	35.6	8.7	16 years	16.5	7.7	16 years	3.6	5.8				
1980	28	254.5	9.1	1980	10	80.6	8.1	1980	0	0.0		15 years	36.1	8.7	15 years	16.9	7.6	15 years	3.9	5.8				
1981	32	275.2	8.6	1981	17	131.1	7.7	1981	3	17.7	5.9	14 years	36.4	8.7	14 years	16.9	7.6	14 years	3.9	5.8				
1982	50	418.4	8.4	1982	28	208.0	7.4	1982	7	41.5	5.9	13 years	35.4	8.7	13 years	16.1	7.6	13 years	3.7	5.7				
1983	31	256.1	8.3	1983	14	90.2	6.4	1983	8	44.5	5.6	12 years	35.8	8.8	12 years	16.3	7.7	12 years	3.3	5.8				
1984	35	312.5	8.9	1984	11	85.1	7.7	1984	2	12.3	6.2	11 years	35.8	8.8	11 years	16.7	7.7	11 years	3.5	5.7				
1985	49	451.1	9.2	1985	17	138.8	8.2	1985	1	5.9	5.9													



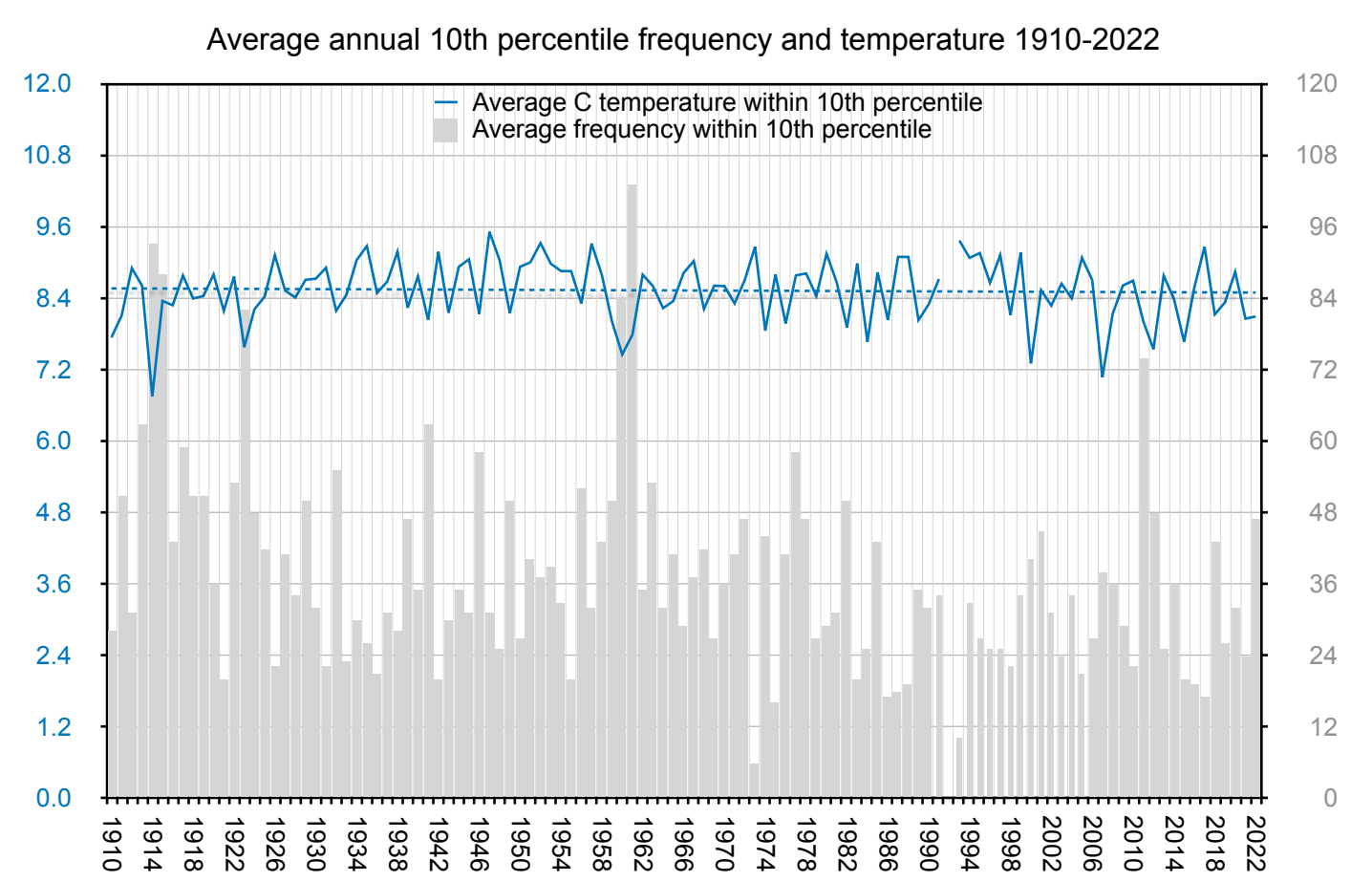




10th 2.8	Annual # days below 10th percentile	Annual total C in days below 10th percentile	Annual average C in days below 10th percentile	5th 1.1	Annual # days below 5th percentile	Annual total C in days below 5th percentile	Annual average C in days below 5th percentile	1st -1.6	Annual # days below 1st percentile	Annual total C in days below 1st percentile	Annual average C in days below 1st percentile	Pre and post cumulative averages	AWS 10th percentile average in years pre and post AWS	Pre and post cumulative averages	AWS 5th percentile average in years pre and post AWS	Pre and post cumulative averages	AWS 1st percentile average in years pre and post AWS			
	Av #	Av C			Av #	Av C			Av #	Av C			Av #	Av C		Av #	Av C			
1910	23	32.3	1.4	1910	10	2.4	0.2	1910	0	0.0										
1911	64	12.1	0.2	1911	46	-28.4	-0.6	1911	10	-27.9	-2.8									
1912	25	42.3	1.7	1912	7	3.7	0.5	1912	0	0.0										
1913	52	39.1	0.8	1913	27	-12.8	-0.5	1913	6	-15.2	-2.5									
1914	38	37.5	1.0	1914	23	5.3	0.2	1914	1	-2.2	-2.2									
1915	37	54.7	1.5	1915	11	4.6	0.4	1915	0	0.0										
1916	8	14.9	1.9	1916	1	0.7	0.7	1916	0	0.0										
1917	40	36.1	0.9	1917	25	3.6	0.1	1917	0	0.0										
1918	36	5.7	0.2	1918	21	-27.7	-1.3	1918	9	-26.7	-3.0									
1919	55	14.9	0.3	1919	31	-34.3	-1.1	1919	15	-34.0	-2.3									
1920	12	22.8	1.9	1920	2	2.1	1.1	1920	0	0.0										
1921	11	12.4	1.1	1921	4	-1.9	-0.5	1921	0	0.0										
1922	52	39.9	0.8	1922	34	2.6	0.1	1922	2	-3.6	-1.8									
1923	38	53.0	1.4	1923	19	9.6	0.5	1923	0	0.0										
1924	37	35.4	1.0	1924	20	-1.8	-0.1	1924	2	-3.4	-1.7									
1925	49	46.1	0.9	1925	25	-2.4	-0.1	1925	4	-8.8	-2.2									
1926	30	42.8	1.4	1926	12	7.0	0.6	1926	0	0.0										
1927	53	29.4	0.6	1927	33	-15.8	-0.5	1927	7	-13.4	-1.9									
1928	36	48.0	1.3	1928	14	-0.1	-0.0	1928	0	0.0										
1929	54	30.5	0.6	1929	31	-25.8	-0.8	1929	10	-22.4	-2.2									
1930	21	26.4	1.3	1930	8	-3.1	-0.4	1930	1	-4.9	-4.9									
1931	39	29.3	0.8	1931	25	-1.1	-0.0	1931	2	-4.0	-2.0									
1932	48	34.6	0.7	1932	30	-4.6	-0.2	1932	2	-4.0	-2.0									
1933	21	33.8	1.6	1933	7	5.0	0.7	1933	0	0.0										
1934	38	51.5	1.4	1934	13	2.9	0.2	1934	1	-1.7	-1.7									
1935	50	53.5	1.1	1935	23	-3.0	-0.1	1935	4	-9.5	-2.4									
1936	27	36.0	1.3	1936	13	4.8	0.4	1936	0	0.0										
1937	45	34.1	0.8	1937	26	-5.1	-0.2	1937	3	-7.1	-2.4									
1938	18	22.9	1.3	1938	5	-2.2	-0.4	1938	1	-1.6	-1.6									
1939	35	66.5	1.9	1939	8	2.8	0.4	1939	0	0.0										
1940	45	14.6	0.3	1940	27	-26.6	-1.0	1940	11	-21.9	-2.0									
1941	55	44.8	0.8	1941	30	-10.1	-0.3	1941	7	-15.7	-2.2									
1942	10	21.7	2.2	1942	2	2.2	1.1	1942	0	0.0										
1943	43	24.5	0.6	1943	27	-9.1	-0.3	1943	4	-9.1	-2.3									
1944	28	32.7	1.2	1944	11	-0.5	-0.0	1944	0	0.0										
1945	21	26.5	1.3	1945	9	0.6	0.1	1945	0	0.0										
1946	60	7.9	0.1	1946	39	-34.9	-0.9	1946	17	-37.4	-2.2									
1947	29	38.1	1.3	1947	9	-0.9	-0.1	1947	0	0.0										
1948	40	62.9	1.6	1948	11	-0.3	-0.0	1948	1	-1.9	-1.9									
1949	52	45.5	0.9	1949	26	-7.6	-0.3	1949	4	-11.9	-3.0									
1950	23	40.9	1.8	1950	7	5.3	0.8	1950	0	0.0										
1951	45	37.2	0.8	1951	21	-11.3	-0.5	1951	6	-18.5	-3.1									
1952	39	20.3	0.5	1952	22	-17.0	-0.8	1952	6	-19.1	-3.2									
1953	58	23.8	0.4	1953	40	-15.5	-0.4	1953	4	-7.6	-1.9									
1954	26	26.5	1.0	1954	11	-1.4	-0.1	1954	1	-1.8	-1.8									
1955	28	8.3	0.3	1955	20	-10.0	-0.5	1955	4	-8.0	-2.0									
1956	57	43.7	0.8	1956	33	-8.4	-0.3	1956	3	-5.5	-1.8									
1957	48	13.4	0.3	1957	31	-23.9	-0.8	1957	8	-16.0	-2.0									
1958	37	32.9	0.9	1958	20	-2.0	-0.1	1958	2	-5.9	-3.0									
1959	29	36.1	1.2	1959	13	-2.4	-0.2	1959	2	-4.2	-2.1									
1960	57	49.9	0.9	1960	32	-4.8	-0.2	1960	4	-6.7	-1.7									
1961	59	16.6	0.3	1961	30	-40.8	-1.4	1961	15	-41.6	-2.8									
1962	53	65.2	1.2	1962	20	-3.8	-0.2	1962	4	-7.8	-2.0									
1963	47	-5.7	-0.1	1963	30	-38.2	-1.3	1963	15	-35.6	-2.4									
1964	49	17.9	0.4	1964	30	-19.0	-0.6	1964	9	-21.1	-2.3									
1965	35	-14.8	-0.4	1965	27	-32.1	-1.2	1965	12	-31.6	-2.6									
1966	45	11.1	0.2	1966	25	-29.3	-1.2	1966	8	-24.8	-3.1									
1967	42	29.8	0.7	1967	22	-11.0	-0.5	1967	4	-9.1	-2.3									
1968	39	22.9	0.6	1968	23	-9.2	-0.4	1968	5	-15.1	-3.0									
1969	29	44.6	1.5	1969	8	3.0	0.4	1969	0	0.0										
1970	59	4.5	0.1	1970	45	-23.0	-0.5	1970	11	-30.3	-2.8									
1971	42	19.0	0.5	1971	25	-16.9	-0.7	1971	5	-13.8	-2.8									
1972	36	15.0	0.4	1972	24	-7.4	-0.3	1972	3	-7.6	-2.5									
1973	7	12.8	1.8	1973	1	1.1	1.1	1973	0	0.0										
1974	42	33.2	0.8	1974	20	-9.8	-0.5	1974	7	-13.3	-1.9									
1975	30	30.2	1.0	1975	9	-7.8	-0.9	1975	4	-9.9	-2.5	20 years	36.5	0.7	20 years	20.8	-0.4	20 years	4.5	-2.4
1976	55	-3.8	-0.1	1976	36	-40.6	-1.1	1976	17	-42.1	-2.5	19 years	35.5	0.8	19 years	20.0	-0.4	19 years	3.8	-2.4
1977	59	9.3	0.2	1977	38	-36.6	-1.0	1977	13	-33.8	-2.6	18 years	34.2	0.8	18 years	19.0	-0.3	18 years	3.3	-2.3
1978	30	32.6	1.1	1978	14	-2.5	-0.2	1978	2	-3.3	-1.7	17 years	34.5	0.8	17 years	19.3	-0.3	17 years	3.4	-2.4
1979	41	13.1	0.3	1979	26	-15.2	-0.6	1979	5	-11.3	-2.3	16 years	34.1	0.8	16 years	18.9	-0.3	16 years	3.3	-2.4
1980	30	30.5	1.0	1980	15	-2.2	-0.1	1980	2	-3.4	-1.7	15 years	34.3	0.8	15 years	19.1	-0.3	15 years	3.4	-2.5
1981	28	28.5	1.0	1981	15	3.7	0.2	1981	0	0.0		14 years	34.8	0.8	14 years	19.4	-0.4	14 years	3.6	-2.5
1982	48	-29.0	-0.6	1982	41	-44.9	-1.1	1982	18	-45.2	-2.5	13 years	33.8	0.9	13 years	17.8	-0.3	13 years	2.5	-2.5
1983	22	18.1	0.8	1983	13	0.1	0.0	1983	1	-2.3	-2.3	12 years	34.8	0.9	12 years	18.2	-0.4	12 years	2.7	-2.5
1984	33	28.0	0.8	1984	14	-10.3	-0.7	1984	4	-10.7	-2.7	11 years	34.9	0.9	11 years	18.5	-0.3	11 years	2.5	-2.5
1985	38	31.6	0.8	1985	17	-13.8	-0.8	1985	3	-11.4	-3.8	10 years	34.6	0.9	10 years	18.7	-0.3	10 years	2.5	-2.3
1986	33	22.6	0.7	1986	17	-12.5	-0.7	1986	3	-8.5	-2.8	9 years	34.8	0.9	9 years	18.9	-0.2	9 years	2.4	-2.2
1987	41	17.8	0.4	1987	25	-15.4	-0.6	1987	8	-19.7	-2.5	8 years	34.0	1.0	8 years	18.1	-0.2	8 years	1.8	-2.2
1988	17	16.0	0.9	1988	9	-2.6	-0.3	1988	1	-2.4	-2.4	7 years	36.4	1.0	7 years	19.4	-0.2	7 years	1.9	-2.1
1989	41	34.4	0.8	1989	22	-6.9	-0.3	1989	1	-1.6	-1.6	6 years	35.7	1.0	6 years	19.0	-0.1	6 years	2.0	-2.3
1990	40	40.9	1.0	1990	21	-0.9	-0.0	1990	2	-4.1	-2.1	5 years	34.8	1.0	5 years	18.6	-0.2	5 years	2.0	-2.3
1991	39	52.2	1.3	1991	16	1.9	0.1	1991	0	0.0		4 years	33.8	0.9	4 years	19.3	-0.2	4 years	2.5	-2.3
1992	31	19.1	0.6	1992	21	-1.8	-0.1	1992	2	-4.3	-2.2	3 years	34.7	1.0	3 years	18.7	-0.3	3 years	2.7	-2.4
1993	14	21.6	1.5	1993	4	0.4	0.1	1993	0	0.0		2 years	45.0	0.7	2 years	26.0	-0.4	2 years	4.0	-2.4
1994	58	24.6	0.4	1994	37	-21.2	-0.6	1994	5	-11.7	-2.3	1 years	32.0	0.9	1 years	15.0	-0.3	1 years	3.0	-2.5
1995	32	29.2	0.9	1995	15	-4.9	-0.3	1995	3	-7.4	-2.5	0 years	19.0	1.3	0 years	8.0	0.0	0 years	0.0	
1996	19	24.0	1.3	1996	8	0.1	0.0	1996	0	0.0		1 years	41.0	0.2	1 years	26.0	-0.8	1 years	5.0	-2.3
1997	41	10.0	0.2	1997	26															



10th 10.6	Annual # days below 10th percentile	Annual total C in days below 10th percentile	Annual average C in days below 10th percentile	5th 8.8	Annual # days below 5th percentile	Annual total C in days below 5th percentile	Annual average C in days below 5th percentile	1st -1.6	Annual # days below 1st percentile	Annual total C in days below 1st percentile	Annual average C in days below 1st percentile
1910	28	216.8	7.7	1910	16	101.7	6.4	1910	6	29.4	4.9
1911	51	413.6	8.1	1911	29	199.4	6.9	1911	6	27.3	4.6
1912	31	276.1	8.9	1912	13	98.5	7.6	1912	0	0.0	
1913	63	542.4	8.6	1913	30	216.6	7.2	1913	6	30.0	5.0
1914	93	628.5	6.8	1914	73	436.9	6.0	1914	31	141.3	4.6
1915	88	735.3	8.4	1915	51	370.5	7.3	1915	5	24.2	4.8
1916	43	356.2	8.3	1916	17	102.2	6.0	1916	8	31.1	3.9
1917	59	518.2	8.8	1917	26	191.0	7.3	1917	4	21.8	5.5
1918	51	428.2	8.4	1918	21	138.5	6.6	1918	6	28.3	4.7
1919	51	430.3	8.4	1919	24	163.2	6.8	1919	2	7.4	3.7
1920	36	316.8	8.8	1920	18	138.4	7.7	1920	0	0.0	
1921	20	163.8	8.2	1921	12	85.7	7.1	1921	2	9.4	4.7
1922	53	464.5	8.8	1922	19	128.8	6.8	1922	3	14.5	4.8
1923	82	621.5	7.6	1923	61	415.5	6.8	1923	10	53.6	5.4
1924	48	394.4	8.2	1924	27	185.4	6.9	1924	7	36.8	5.3
1925	42	354.0	8.4	1925	18	122.4	6.8	1925	6	33.0	5.5
1926	22	200.7	9.1	1926	7	52.5	7.5	1926	1	5.6	5.6
1927	41	349.8	8.5	1927	23	170.9	7.4	1927	2	8.6	4.3
1928	34	286.0	8.4	1928	20	146.9	7.3	1928	3	16.6	5.5
1929	50	435.5	8.7	1929	21	147.4	7.0	1929	4	19.5	4.9
1930	32	279.3	8.7	1930	15	111.1	7.4	1930	1	4.9	4.9
1931	22	196.1	8.9	1931	8	60.1	7.5	1931	1	5.6	5.6
1932	55	450.5	8.2	1932	30	211.2	7.0	1932	5	26.4	5.3
1933	23	194.5	8.5	1933	13	95.8	7.4	1933	0	0.0	
1934	30	271.2	9.0	1934	13	99.0	7.6	1934	1	5.1	5.1
1935	26	241.2	9.3	1935	7	51.2	7.3	1935	1	5.6	5.6
1936	21	178.3	8.5	1936	11	78.3	7.1	1936	3	15.7	5.2
1937	31	269.1	8.7	1937	17	129.3	7.6	1937	1	5.6	5.6
1938	28	257.1	9.2	1938	10	76.2	7.6	1938	0	0.0	
1939	47	387.4	8.2	1939	27	189.1	7.0	1939	4	18.8	4.7
1940	35	306.9	8.8	1940	14	99.4	7.1	1940	3	13.0	4.3
1941	63	506.4	8.0	1941	35	236.7	6.8	1941	10	46.8	4.7
1942	20	183.6	9.2	1942	7	51.7	7.4	1942	1	5.6	5.6
1943	30	244.7	8.2	1943	15	101.5	6.8	1943	5	26.3	5.3
1944	35	312.5	8.9	1944	13	96.5	7.4	1944	2	10.9	5.5
1945	31	280.7	9.1	1945	10	69.8	7.0	1945	2	11.0	5.5
1946	58	472.0	8.1	1946	29	187.0	6.4	1946	9	38.1	4.2
1947	31	295.0	9.5	1947	5	39.3	7.9	1947	0	0.0	
1948	25	225.9	9.0	1948	10	79.0	7.9	1948	0	0.0	
1949	50	407.4	8.1	1949	25	166.9	6.7	1949	7	33.0	4.7
1950	27	241.1	8.9	1950	9	69.7	7.7	1950	0	0.0	
1951	40	360.1	9.0	1951	13	99.9	7.7	1951	0	0.0	
1952	37	345.1	9.3	1952	11	86.7	7.9	1952	1	5.6	5.6
1953	39	350.3	9.0	1953	14	102.1	7.3	1953	2	9.8	4.9
1954	33	292.3	8.9	1954	13	94.5	7.3	1954	0	0.0	
1955	20	177.1	8.9	1955	8	58.3	7.3	1955	0	0.0	
1956	52	432.2	8.3	1956	25	164.5	6.6	1956	7	32.3	4.6
1957	32	298.2	9.3	1957	7	50.1	7.2	1957	2	11.2	5.6
1958	43	378.2	8.8	1958	15	103.8	6.9	1958	3	14.4	4.8
1959	50	400.4	8.0	1959	30	208.2	6.9	1959	4	18.9	4.7
1960	84	626.5	7.5	1960	46	261.6	5.7	1960	20	74.9	3.7
1961	103	802.4	7.8	1961	58	369.5	6.4	1961	22	102.4	4.7
1962	35	307.9	8.8	1962	14	101.1	7.2	1962	1	5.0	5.0
1963	53	456.1	8.6	1963	22	150.8	6.9	1963	4	16.6	4.2
1964	32	263.5	8.2	1964	21	151.6	7.2	1964	1	5.0	5.0
1965	41	342.5	8.4	1965	18	119.4	6.6	1965	5	24.5	4.9
1966	29	255.9	8.8	1966	12	87.6	7.3	1966	0	0.0	
1967	37	333.9	9.0	1967	12	85.7	7.1	1967	3	16.0	5.3
1968	42	345.3	8.2	1968	21	139.2	6.6	1968	5	24.1	4.8
1969	27	232.5	8.6	1969	12	87.5	7.3	1969	2	10.3	5.2
1970	36	309.8	8.6	1970	17	123.6	7.3	1970	4	20.2	5.1
1971	41	340.8	8.3	1971	22	151.0	6.9	1971	8	42.6	5.3
1972	47	409.4	8.7	1972	22	163.0	7.4	1972	2	9.3	4.7
1973	6	55.6	9.3	1973	2	16.5	8.3	1973	0	0.0	
1974	44	345.7	7.9	1974	28	189.7	6.8	1974	6	23.4	3.9
1975	16	140.8	8.8	1975	8	60.2	7.5	1975	0	0.0	
1976	41	327.1	8.0	1976	23	154.9	6.7	1976	6	29.6	4.9
1977	58	509.5	8.8	1977	27	200.0	7.4	1977	3	15.2	5.1
1978	47	414.4	8.8	1978	19	139.7	7.4	1978	5	27.2	5.4
1979	27	227.9	8.4	1979	14	99.1	7.1	1979	3	13.7	4.6
1980	29	265.3	9.1	1980	8	57.4	7.2	1980	1	5.3	5.3
1981	31	268.6	8.7	1981	13	95.8	7.4	1981	1	5.6	5.6
1982	50	395.6	7.9	1982	33	226.6	6.9	1982	9	45.3	5.0
1983	20	179.7	9.0	1983	6	39.4	6.6	1983	1	3.1	3.1
1984	25	191.7	7.7	1984	12	66.3	5.5	1984	6	23.4	3.9
1985	43	379.9	8.8	1985	20	153.3	7.7	1985	0	0.0	
1986	17	136.6	8.0	1986	10	70.4	7.0	1986	2	10.7	5.4
1987	18	163.7	9.1	1987	6	47.1	7.9	1987	0	0.0	
1988	19	172.8	9.1	1988	6	46.0	7.7	1988	0	0.0	
1989	35	281.2	8.0	1989	23	162.9	7.1	1989	5	25.0	5.0
1990	32	265.6	8.3	1990	16	109.9	6.9	1990	4	19.0	4.8
1991	34	296.6	8.7	1991	15	109.1	7.3	1991	1	5.5	5.5
1992	0	0.0		1992	0	0.0		1992	0	0.0	
1993	10	93.7	9.4	1993	2	13.7	6.9	1993	0	0.0	
1994	33	299.6	9.1	1994	9	65.7	7.3	1994	0	0.0	
1995	27	247.3	9.2	1995	11	87.2	7.9	1995	0	0.0	
1996	25	216.5	8.7	1996	12	88.4	7.4	1996	0	0.0	
1997	25	228.1	9.1	1997	8	59.6	7.5	1997	1	5.5	5.5
1998	22	178.6	8.1	1998	14	99.5	7.1	1998	2	10.6	5.3
1999	34	311.8	9.2	1999	12	92.0	7.7	1999	0	0.0	
2000	40	292.3	7.3	2000	27	162.9	6.0	2000	12	51.0	4.3
2001	45	384.1	8.5	2001	21	150.0	7.1	2001	3	14.3	4.8
2002	31	256.6	8.3	2002	13	82.2	6.3	2002	6	25.1	4.2
2003	24	207.5	8.6	2003	11	79.3	7.2	2003	2	8.3	4.2
2004	34	285.6	8.4	2004	17	119.5	7.0	2004	4	18.8	4.7
2005	21	190.7	9.1	2005	6	43.8	7.3	2005	0	0.0	
2006	27	235.1	8.7	2006	13	97.1	7.5	2006	0	0.0	
2007	38	268.8	7.1	2007	29	182.9	6.3	2007	11	52.4	4.8
2008	36	292.9	8.1	2008	23	167.4	7.3	2008	3	11.7	3.9
2009	29	249.8	8.6	2009	15	111.5	7.4	2009	2	10.0	5.0
2010	22	191.3	8.7	2010	8	53.7	6.7	2010	2	10.1	5.1
2011	74	593.1	8.0	2011	45	311.5	6.9	2011	11	55.8	5.1
2012	48	362.2	7.5	2012	34	227.0	6.7	2012	9	40.7	4.5
2013	25	219.5	8.8	2013	13	100.6	7.7	2013	0	0.0	
2014	36	302.1	8.4	2014	16	105.5	6.6	2014	2	5.9	3.0
2015	20	153.4	7.7	2015	12	74.7	6.2	2015	5	25.7	5.1
2016	19	163.1	8.6	2016	8	55.4	6.9	2016	1	5.7	5.7
2017	17	157.5	9.3	2017	6	48.2	8.0	2017	0	0.0	
2018	43	349.6	8.1	2018	24	160.7	6.7	2018	5	19.2	3.8
2019	26	216.6	8.3	2019	13	89.1	6.9	2019	3	15.8	5.3
2020	32	283.0	8.8	2020	13	96.6	7.4	2020	2	9.6	4.8
2021	24	193.4	8.1	2021	14	97.9	7.0	2021	2	10.4	5.2
2022	47	380.4	8.1	2022	23	148.7	6.5	2022	6	21.9	3.7
50/50	No AWS / small screen unknown			50/50	No AWS / small screen unknown			50/50	No AWS / small screen unknown		
1910-1965	42.9	360.1	8.6	1910-1965	20.8	143.5	7.1	1910-1965	4.3	20.2	4.9
1966-2022	31.3	264.0	8.5	1966-2022	15.4	108.0	7.1	1966-2022	3.0	14.1	4.8





10th 3.9	Annual # days below 10th percentile	Annual total C in days below 10th percentile	Annual average C in days below 10th percentile	5th 2.2	Annual # days below 5th percentile	Annual total C in days below 5th percentile	Annual average C in days below 5th percentile	1st 0.0	Annual # days below 1st percentile	Annual total C in days below 1st percentile	Annual average C in days below 1st percentile	Pre and post cumulative averages	AWS 10th percentile average in years pre and post AWS	Pre and post cumulative averages	AWS 5th percentile average in years pre and post AWS	Pre and post cumulative averages	AWS 1st percentile average in years pre and post AWS			
													Av # Av C		Av # Av C		Av # Av C			
1910	22	56.2	2.6	1910	11	18.9	1.7	1910	1	0.0	0.0									
1911	35	80.5	2.3	1911	19	25.6	1.3	1911	3	-1.9	-0.6									
1912	33	85.0	2.6	1912	15	25.0	1.7	1912	1	0.0	0.0									
1913	46	116.5	2.5	1913	20	28.9	1.4	1913	2	-0.6	-0.3									
1914	30	86.3	2.9	1914	7	9.2	1.3	1914	1	0.0	0.0									
1915	20	60.0	3.0	1915	4	4.5	1.1	1915	0	0.0	0.0									
1916	33	106.7	3.2	1916	4	7.2	1.8	1916	0	0.0	0.0									
1917	33	80.7	2.4	1917	17	24.6	1.4	1917	2	-0.6	-0.3									
1918	38	102.3	2.7	1918	13	18.3	1.4	1918	3	-1.2	-0.4									
1919	31	68.3	2.2	1919	15	14.9	1.0	1919	5	-1.7	-0.3									
1920	29	67.3	2.3	1920	15	20.6	1.4	1920	3	0.0	0.0									
1921	33	85.6	2.6	1921	12	14.9	1.2	1921	3	-2.8	-0.9									
1922	55	150.6	2.7	1922	20	29.5	1.5	1922	2	-4.4	-2.2									
1923	31	82.7	2.7	1923	10	12.7	1.3	1923	1	-0.6	-0.6									
1924	55	117.9	2.1	1924	27	23.0	0.9	1924	7	-2.3	-0.3									
1925	66	139.2	2.1	1925	35	36.3	1.0	1925	7	-5.6	-0.8									
1926	51	137.3	2.7	1926	21	36.7	1.7	1926	1	-0.6	-0.6									
1927	79	110.1	1.4	1927	53	24.1	0.5	1927	20	-22.4	-1.1									
1928	57	77.9	1.4	1928	44	35.0	0.8	1928	14	-8.4	-0.6									
1929	75	139.8	1.9	1929	40	20.0	0.5	1929	15	-18.0	-1.2									
1930	52	115.7	2.2	1930	27	30.8	1.1	1930	6	-3.4	-0.6									
1931	79	166.5	2.1	1931	45	54.0	1.2	1931	7	-2.3	-0.3									
1932	45	97.3	2.2	1932	23	22.8	1.0	1932	7	-2.8	-0.4									
1933	81	135.5	1.7	1933	51	34.7	0.7	1933	17	-21.1	-1.2									
1934	72	100.1	1.4	1934	54	40.8	0.8	1934	20	-15.6	-0.8									
1935	56	104.4	1.9	1935	34	28.2	0.8	1935	9	-9.5	-1.1									
1936	68	71.9	1.1	1936	50	12.9	0.3	1936	22	-29.2	-1.3									
1937	62	100.3	1.6	1937	41	29.5	0.7	1937	13	-11.2	-0.9									
1938	69	81.4	1.2	1938	42	-8.9	-0.2	1938	24	-34.6	-1.4									
1939	36	87.1	2.4	1939	13	15.9	1.2	1939	3	-1.8	-0.6									
1940	55	103.9	1.9	1940	31	27.1	0.9	1940	6	-5.7	-1.0									
1941	50	98.6	2.0	1941	29	27.6	1.0	1941	6	-3.3	-0.6									
1942	36	87.4	2.4	1942	20	28.5	1.4	1942	4	-0.9	-0.2									
1943	57	139.4	2.4	1943	26	31.3	1.2	1943	6	-2.8	-0.5									
1944	50	108.3	2.2	1944	26	26.7	1.0	1944	8	-5.0	-0.6									
1945	32	54.4	1.7	1945	20	15.5	0.8	1945	7	-4.7	-0.7									
1946	62	136.3	2.2	1946	30	30.5	1.0	1946	6	-3.1	-0.5									
1947	44	91.8	2.1	1947	24	30.0	1.3	1947	5	-2.8	-0.6									
1948	61	135.3	2.2	1948	37	50.3	1.4	1948	4	-3.4	-0.9									
1949	56	115.0	2.1	1949	32	35.5	1.1	1949	4	-3.3	-0.8									
1950	24	59.9	2.5	1950	10	16.2	1.6	1950	0	0.0	0.0									
1951	46	103.1	2.2	1951	21	25.1	1.2	1951	4	-1.5	-0.4									
1952	51	76.7	1.5	1952	34	24.3	0.7	1952	11	-7.0	-0.6									
1953	54	113.5	2.1	1953	27	26.5	1.0	1953	7	-3.6	-0.5									
1954	46	102.2	2.2	1954	22	26.9	1.2	1954	4	-1.1	-0.3									
1955	41	84.4	2.1	1955	19	11.8	0.6	1955	6	-4.0	-0.7									
1956	53	121.7	2.3	1956	26	26.6	1.0	1956	6	-2.5	-0.4									
1957	52	80.9	1.6	1957	35	27.8	0.8	1957	6	-8.2	-1.4									
1958	48	62.9	1.3	1958	34	13.6	0.4	1958	13	-15.6	-1.2									
1959	41	99.9	2.4	1959	17	19.7	1.2	1959	2	-3.3	-1.7									
1960	49	93.4	1.9	1960	26	17.3	0.7	1960	9	-5.1	-0.6									
1961	41	71.9	1.8	1961	24	10.4	0.4	1961	11	-10.2	-0.9									
1962	56	148.6	2.7	1962	20	23.5	1.2	1962	5	-3.1	-0.6									
1963	42	65.2	1.6	1963	27	15.6	0.6	1963	8	-8.0	-1.0									
1964	50	107.4	2.1	1964	23	18.5	0.8	1964	8	-5.9	-0.7									
1965	62	107.9	1.7	1965	35	15.5	0.4	1965	15	-9.2	-0.6									
1966	34	65.8	1.9	1966	20	21.1	1.1	1966	2	-1.4	-0.7									
1967	27	70.4	2.6	1967	10	15.1	1.5	1967	0	0.0	0.0									
1968	38	97.6	2.6	1968	11	13.7	1.2	1968	2	-1.7	-0.9									
1969	42	120.4	2.9	1969	10	16.2	1.6	1969	0	0.0	0.0									
1970	47	117.5	2.5	1970	17	16.2	1.0	1970	3	-0.8	-0.3									
1971	37	74.4	2.0	1971	20	19.0	1.0	1971	5	-1.0	-0.2									
1972	29	75.3	2.6	1972	9	11.4	1.3	1972	0	0.0	0.0									
1973	21	59.6	2.8	1973	5	7.7	1.5	1973	0	0.0	0.0									
1974	39	91.8	2.4	1974	15	17.0	1.1	1974	2	-0.8	-0.4	20 years	30.4	2.3	20 years	12.9	1.1	20 years	1.6	-0.7
1975	24	55.8	2.3	1975	10	12.1	1.2	1975	2	-1.8	-0.9	19 years	29.9	2.3	19 years	12.6	1.2	19 years	1.5	-0.6
1976	40	92.3	2.3	1976	16	15.9	1.0	1976	3	-2.5	-0.8	18 years	29.4	2.3	18 years	12.5	1.2	18 years	1.5	-0.6
1977	39	82.2	2.1	1977	17	17.2	1.0	1977	3	-2.9	-1.0	17 years	29.3	2.3	17 years	12.6	1.2	17 years	1.5	-0.7
1978	38	84.1	2.2	1978	15	12.4	0.8	1978	2	-0.9	-0.5	16 years	29.4	2.3	16 years	12.8	1.2	16 years	1.6	-0.7
1979	32	80.0	2.5	1979	10	9.9	1.0	1979	2	-0.3	-0.2	15 years	29.9	2.3	15 years	13.2	1.1	15 years	1.7	-0.7
1980	27	66.0	2.4	1980	10	12.7	1.3	1980	0	0.0	0.0	14 years	29.1	2.2	14 years	12.9	1.1	14 years	1.6	-0.7
1981	22	61.1	2.8	1981	7	12.5	1.8	1981	0	0.0	0.0	13 years	28.6	2.3	13 years	12.2	1.2	13 years	1.5	-0.6
1982	42	97.2	2.3	1982	18	20.2	1.1	1982	2	-1.1	-0.6	12 years	28.1	2.3	12 years	11.9	1.2	12 years	1.6	-0.5
1983	35	59.5	1.7	1983	21	17.0	0.8	1983	3	-4.1	-1.4	11 years	28.2	2.3	11 years	12.1	1.1	11 years	1.7	-0.5
1984	35	81.3	2.3	1984	16	21.3	1.3	1984	1	-1.3	-1.3	10 years	28.0	2.3	10 years	12.1	1.2	10 years	1.6	-0.5
1985	27	68.0	2.5	1985	10	12.3	1.2	1985	0	0.0	0.0	9 years	28.0	2.3	9 years	12.2	1.2	9 years	1.8	-0.5
1986	30	64.5	2.2	1986	12	8.8	0.7	1986	3	-2.3	-0.8	8 years	28.4	2.2	8 years	13.0	1.2	8 years	1.9	-0.5
1987	28	66.7	2.4	1987	11	16.1	1.5	1987	0	0.0	0.0	7 years	26.9	2.3	7 years	11.7	1.2	7 years	1.6	-0.5
1988	25	64.3	2.6	1988	6	6.6	1.1	1988	1	-0.3	-0.3	6 years	26.3	2.2	6 years	11.7	1.1	6 years	1.8	-0.5
1989	39	74.3	1.9	1989	22	20.3	0.9	1989	4	-3.4	-0.9	5 years	26.8	2.1	5 years	12.8	1.0	5 years	2.2	-0.5
1990	30	75.8	2.5	1990	12	19.4	1.6	1990	0	0.0	0.0	4 years	26.3	2.0	4 years	13.8	0.9	4 years	2.8	-0.5
1991	24	67.0	2.8	1991	6	9.3	1.6	1991	0	0.0	0.0	3 years	27.7	1.9	3 years	15.3	0.8	3 years	3.3	-0.6
1992	29	74.9	2.6	1992	9	12.7	1.4	1992	0	0.0	0.0	2 years	24.0	2.0	2 years	12.5	0.9	2 years	2.5	
1993	22	52.5	2.4	1993	9	11.8	1.3	1993	1	0.0	0.0	1 years	22.0	2.4	1 years	9.0	1.0	1 years	1.0	
1994	35	57.5	1.6	1994	21	14.7	0.7	1994	5	-6.1	-1.2	0 years	39.0	1.6	0 years	23.0	0.4	0 years	7.0	-0.8
1995	26	41.7	1.6	1995	16	12.4	0.8	1995	4	-1.6	-0.4	1 years	25.0	2.3	1 years	11.0	0.8	1 years	2.0	
1996	22	52.4	2.4																	



10th 6.4	Annual # days below 10th percentile	Annual total C in days below 10th percentile	Annual average C in days below 10th percentile	5th 4.5	Annual # days below 5th percentile	Annual total C in days below 5th percentile	Annual average C in days below 5th percentile	1st 1.9	Annual # days below 1st percentile	Annual total C in days below 1st percentile	Annual average C in days below 1st percentile	Pre and post cumulative averages	AWS 10th percentile average in years pre and post AWS	Pre and post cumulative averages	AWS 5th percentile average in years pre and post AWS	Pre and post cumulative averages	AWS 1st percentile average in years pre and post AWS			
												Av #	Av C		Av #	Av C		Av #	Av C	
1952	51	207.8	4.1	1952	27	71.0	2.6	1952	9	8.0	0.9									
1953	70	260.6	3.7	1953	43	113.7	2.6	1953	12	11.2	0.9									
1954	29	128.8	4.4	1954	13	40.6	3.1	1954	1	0.2	0.2									
1955	49	188.1	3.8	1955	27	67.7	2.5	1955	9	9.4	1.0									
1956	73	291.1	4.0	1956	37	95.3	2.6	1956	12	10.6	0.9									
1957	57	220.5	3.9	1957	32	82.4	2.6	1957	11	10.8	1.0									
1958	38	155.8	4.1	1958	23	73.6	3.2	1958	4	6.3	1.6									
1959	22	98.6	4.5	1959	12	40.1	3.3	1959	1	0.2	0.2									
1960	63	241.2	3.8	1960	33	71.1	2.2	1960	16	18.6	1.2									
1961	63	225.0	3.6	1961	43	115.7	2.7	1961	10	8.5	0.9									
1962	66	296.0	4.5	1962	26	80.2	3.1	1962	6	8.8	1.5									
1963	42	163.0	3.9	1963	24	64.0	2.7	1963	5	4.1	0.8									
1964	62	228.1	3.7	1964	38	95.4	2.5	1964	10	3.0	0.3									
1965	39	151.3	3.9	1965	20	47.8	2.4	1965	7	9.6	1.4									
1966	53	215.7	4.1	1966	26	67.8	2.6	1966	6	-2.1	-0.4									
1967	33	130.9	4.0	1967	21	63.9	3.0	1967	3	5.1	1.7									
1968	59	215.2	3.6	1968	39	106.4	2.7	1968	11	7.9	0.7									
1969	20	94.3	4.7	1969	8	26.5	3.3	1969	2	3.0	1.5									
1970	58	205.1	3.5	1970	36	78.1	2.2	1970	12	3.5	0.3									
1971	40	169.8	4.2	1971	22	72.6	3.3	1971	3	2.3	0.8									
1972	41	157.6	3.8	1972	26	75.0	2.9	1972	4	4.2	1.1									
1973	15	78.4	5.2	1973	3	10.5	3.5	1973	0	0.0										
1974	44	180.4	4.1	1974	27	85.5	3.2	1974	1	0.6	0.6									
1975	35	165.4	4.7	1975	17	64.1	3.8	1975	0	0.0										
1976	27	127.1	4.7	1976	11	35.6	3.2	1976	2	2.8	1.4	20 years	32.1	4.5	20 years	14.3	3.2	20 years	2.3	0.9
1977	39	145.6	3.7	1977	22	50.9	2.3	1977	6	4.9	0.8	19 years	32.4	4.5	19 years	14.4	3.2	19 years	2.3	0.9
1978	40	169.5	4.2	1978	21	62.0	3.0	1978	4	2.3	0.6	18 years	32.0	4.6	18 years	14.0	3.2	18 years	2.1	0.9
1979	34	169.9	5.0	1979	8	25.2	3.2	1979	0	0.0		17 years	31.5	4.6	17 years	13.6	3.2	17 years	2.0	0.9
1980	26	111.2	4.3	1980	16	55.5	3.5	1980	0	0.0		16 years	31.4	4.6	16 years	13.9	3.2	16 years	2.1	0.9
1981	44	192.3	4.4	1981	21	64.1	3.1	1981	5	5.8	1.2	15 years	31.7	4.6	15 years	13.8	3.2	15 years	2.3	0.9
1982	22	93.6	4.3	1982	10	30.2	3.0	1982	2	2.6	1.3	14 years	30.9	4.6	14 years	13.3	3.2	14 years	2.1	0.9
1983	16	81.7	5.1	1983	3	9.0	3.0	1983	0	0.0		13 years	31.5	4.6	13 years	13.5	3.2	13 years	2.1	0.9
1984	26	131.6	5.1	1984	10	38.1	3.8	1984	0	0.0		12 years	32.8	4.6	12 years	14.4	3.3	12 years	2.3	0.9
1985	34	154.1	4.5	1985	15	48.3	3.2	1985	2	2.4	1.2	11 years	33.5	4.6	11 years	14.8	3.2	11 years	2.5	0.9
1986	32	149.0	4.7	1986	15	50.3	3.4	1986	2	1.3	0.7	10 years	33.4	4.6	10 years	14.8	3.2	10 years	2.5	0.8
1987	21	96.8	4.6	1987	10	36.6	3.7	1987	0	0.0		9 years	33.6	4.6	9 years	14.8	3.2	9 years	2.6	0.9
1988	13	67.0	5.2	1988	5	20.4	4.1	1988	0	0.0		8 years	35.1	4.5	8 years	15.4	3.2	8 years	2.9	0.9
1989	41	198.6	4.8	1989	15	51.2	3.4	1989	0	0.0		7 years	38.3	4.5	7 years	16.9	3.0	7 years	3.3	0.9
1990	35	138.2	3.9	1990	18	42.9	2.4	1990	9	10.1	1.1	6 years	37.8	4.4	6 years	17.2	3.0	6 years	3.8	0.9
1991	40	164.9	4.1	1991	23	70.2	3.1	1991	4	3.8	1.0	5 years	38.4	4.5	5 years	17.0	3.1	5 years	2.8	0.8
1992	41	197.3	4.8	1992	15	52.9	3.5	1992	1	1.0	1.0	4 years	38.0	4.6	4 years	15.5	3.1	4 years	2.5	0.8
1993	27	137.1	5.1	1993	6	17.6	2.9	1993	1	0.4	0.4	3 years	37.0	4.5	3 years	15.7	2.9	3 years	3.0	0.7
1994	52	234.8	4.5	1994	21	62.5	3.0	1994	5	6.4	1.3	2 years	42.0	4.2	2 years	20.5	2.9	2 years	4.0	0.9
1995	32	124.0	3.9	1995	20	56.7	2.8	1995	3	1.3	0.4	1 years	32.0	3.9	1 years	20.0	2.8	1 years	3.0	0.4
1996	36	172.0	4.8	1996	10	26.1	2.6	1996	2	3.0	1.5	0 years	36.0	4.8	0 years	10.0	2.6	0 years	2.0	1.5
1997	16	72.4	4.5	1997	9	30.2	3.4	1997	1	1.4	1.4	1 years	16.0	4.5	1 years	9.0	3.4	1 years	1.0	1.4
1998	15	67.4	4.5	1998	6	16.1	2.7	1998	1	0.4	0.4	2 years	15.5	4.5	2 years	7.5	3.0	2 years	1.0	0.9
1999	19	87.6	4.6	1999	9	31.0	3.4	1999	0	0.0		3 years	16.7	4.5	3 years	8.0	3.2	3 years	0.7	0.9
2000	33	150.7	4.6	2000	17	55.7	3.3	2000	2	3.5	1.8	4 years	20.8	4.5	4 years	10.3	3.2	4 years	1.0	1.2
2001	29	136.8	4.7	2001	12	40.8	3.4	2001	0	0.0		5 years	22.4	4.6	5 years	10.6	3.2	5 years	0.8	1.2
2002	38	151.0	4.0	2002	20	56.5	2.8	2002	5	5.8	1.2	6 years	25.0	4.5	6 years	12.2	3.2	6 years	1.5	1.2
2003	39	183.9	4.7	2003	12	32.2	2.7	2003	2	0.9	0.5	7 years	27.0	4.5	7 years	12.1	3.1	7 years	1.6	1.0
2004	47	188.9	4.0	2004	26	70.5	2.7	2004	5	7.5	1.5	8 years	29.5	4.5	8 years	13.9	3.0	8 years	2.0	1.1
2005	26	115.1	4.4	2005	15	50.3	3.4	2005	1	0.9	0.9	9 years	29.1	4.4	9 years	14.0	3.1	9 years	1.9	1.1
2006	36	166.4	4.6	2006	16	52.1	3.3	2006	2	2.5	1.3	10 years	29.8	4.5	10 years	14.2	3.1	10 years	1.9	1.1
2007	36	141.7	3.9	2007	24	75.1	3.1	2007	2	1.3	0.7	11 years	30.4	4.4	11 years	15.1	3.1	11 years	1.9	1.1
2008	45	188.9	4.2	2008	23	66.4	2.9	2008	6	7.8	1.3	12 years	31.6	4.4	12 years	15.8	3.1	12 years	2.3	1.1
2009	32	157.8	4.9	2009	11	42.5	3.9	2009	0	0.0		13 years	31.6	4.4	13 years	15.4	3.1	13 years	2.1	1.1
2010	31	154.2	5.0	2010	8	29.0	3.6	2010	1	1.3	1.3	14 years	31.6	4.5	14 years	14.9	3.2	14 years	2.0	1.1
2011	35	161.4	4.6	2011	13	34.8	2.7	2011	3	3.1	1.0	15 years	31.8	4.5	15 years	14.7	3.1	15 years	2.1	1.1
2012	39	182.6	4.7	2012	17	59.4	3.5	2012	0	0.0		16 years	32.3	4.5	16 years	14.9	3.2	16 years	1.9	1.1
2013	25	125.4	5.0	2013	8	31.5	3.9	2013	0	0.0		17 years	31.8	4.5	17 years	14.5	3.2	17 years	1.8	1.1
2014	27	109.6	4.1	2014	17	54.0	3.2	2014	1	1.2	1.2	18 years	31.6	4.5	18 years	14.6	3.2	18 years	1.8	1.1
2015	25	95.4	3.8	2015	17	51.5	3.0	2015	5	7.8	1.6	19 years	31.2	4.5	19 years	14.7	3.2	19 years	1.9	1.1
2016	29	122.8	4.2	2016	17	57.0	3.4	2016	2	3.3	1.7	20 years	31.1	4.5	20 years	14.9	3.2	20 years	2.0	1.2
2017	41	174.7	4.3	2017	25	90.8	3.6	2017	1	1.0	1.0									
2018	40	134.7	3.4	2018	32	90.6	2.8	2018	6	6.7	1.1									
2019	28	111.1	4.0	2019	14	34.7	2.5	2019	5	6.4	1.3									
2020	28	128.0	4.6	2020	11	34.3	3.1	2020	1	1.1	1.1									
2021	40	177.2	4.4	2021	21	74.1	3.5	2021	0	0.0										
2022	37	172.1	4.7	2022	11	27.6	2.5	2022	5	6.3	1.3									
Original AWS probe WIKA TR40																				
10 years				10 years				10 years												
Pre AWS				Pre AWS				Pre AWS												
Post AWS				Post AWS				Post AWS												
* 1996 earliest				* 1996 earliest				* 1996 earliest												
Pre small				Pre small				Pre small												
Post small				Post small				Post small												
5 years				5 years				5 years												
Pre AWS				Pre AWS				Pre AWS												
Post AWS				Post AWS				Post AWS												
* 1996 earliest				* 1996 earliest				* 1996 earliest												
Pre small				Pre small				Pre small												
Post small				Post small				Post small												
AWS introduction																				
Small screen introduction																				



10th 3.9	Annual # days below 10th percentile	Annual total C in days below 10th percentile	Annual average C in days below 10th percentile	5th 2.2	Annual # days below 5th percentile	Annual total C in days below 5th percentile	Annual average C in days below 5th percentile	1st -0.2	Annual # days below 1st percentile	Annual total C in days below 1st percentile	Annual average C in days below 1st percentile	Pre and post cumulative averages		AWS 10th percentile average in years pre and post AWS		Pre and post cumulative averages		AWS 5th percentile average in years pre and post AWS		Pre and post cumulative averages		AWS 1st percentile average in years pre and post AWS	
												Av #	Av C	Av #	Av C	Av #	Av C	Av #	Av C				
1951	36	94.1	2.6	1951	14	15.9	1.1	1951	0	0.0													
1952	39	108.2	2.8	1952	12	16.6	1.4	1952	0	0.0													
1953	25	71.3	2.9	1953	6	8.5	1.4	1953	0	0.0													
1954	34	98.6	2.9	1954	12	21.8	1.8	1954	0	0.0													
1955	25	60.4	2.4	1955	11	14.5	1.3	1955	1	-0.3	-0.3												
1956	48	117.7	2.5	1956	19	24.3	1.3	1956	0	0.0													
1957	23	66.9	2.9	1957	5	5.8	1.2	1957	0	0.0													
1958	18	55.3	3.1	1958	3	4.0	1.3	1958	0	0.0													
1959	13	38.8	3.0	1959	3	5.4	1.8	1959	0	0.0													
1960	35	101.0	2.9	1960	11	18.5	1.7	1960	1	-1.0	-1.0												
1961	18	52.4	2.9	1961	5	7.8	1.6	1961	0	0.0													
1962	20	59.1	3.0	1962	4	7.4	1.9	1962	0	0.0													
1963	2	7.3	3.7	1963	0	0.0		1963	0	0.0													
1964	22	52.1	2.4	1964	9	7.8	0.9	1964	1	-0.6	-0.6												
1965	13	40.4	3.1	1965	3	5.8	1.9	1965	0	0.0													
1966	36	104.0	2.9	1966	9	13.8	1.5	1966	0	0.0													
1967	14	34.2	2.4	1967	7	9.6	1.4	1967	0	0.0													
1968	36	74.0	2.1	1968	20	25.1	1.3	1968	0	0.0													
1969	39	92.2	2.4	1969	18	22.1	1.2	1969	1	-0.6	-0.6												
1970	19	50.0	2.6	1970	8	13.7	1.7	1970	0	0.0													
1971	30	79.6	2.7	1971	13	23.8	1.8	1971	0	0.0													
1972	24	68.4	2.9	1972	4	6.0	1.5	1972	0	0.0													
1973	12	32.9	2.7	1973	3	4.3	1.4	1973	0	0.0													
1974	9	27.1	3.0	1974	1	2.2	2.2	1974	0	0.0													
1975	15	41.1	2.7	1975	5	9.2	1.8	1975	0	0.0													
1976	11	29.8	2.7	1976	4	6.4	1.6	1976	0	0.0		20 years	19.6	2.6	20 years	6.7	1.5	20 years	0.4	-1.0			
1977	16	47.4	3.0	1977	4	8.2	2.1	1977	0	0.0		19 years	20.1	2.6	19 years	6.8	1.5	19 years	0.4	-1.0			
1978	25	64.9	2.6	1978	7	9.3	1.3	1978	0	0.0		18 years	20.3	2.6	18 years	6.9	1.4	18 years	0.4	-1.0			
1979	18	46.8	2.6	1979	6	9.3	1.6	1979	0	0.0		17 years	20.0	2.6	17 years	6.9	1.4	17 years	0.5	-1.0			
1980	9	25.0	2.8	1980	3	5.4	1.8	1980	0	0.0		16 years	20.1	2.6	16 years	7.0	1.4	16 years	0.5	-1.0			
1981	21	64.3	3.1	1981	3	2.0	0.7	1981	1	-0.5	-0.5	15 years	20.9	2.6	15 years	7.3	1.4	15 years	0.5	-1.0			
1982	16	35.0	2.2	1982	7	8.5	1.2	1982	0	0.0		14 years	20.9	2.5	14 years	7.6	1.5	14 years	0.5	-1.3			
1983	10	27.2	2.7	1983	3	5.2	1.7	1983	0	0.0		13 years	21.2	2.6	13 years	7.6	1.5	13 years	0.5	-1.3			
1984	24	69.2	2.9	1984	7	13.2	1.9	1984	0	0.0		12 years	22.2	2.5	12 years	8.0	1.4	12 years	0.6	-1.3			
1985	18	51.8	2.9	1985	3	4.6	1.5	1985	0	0.0		11 years	22.0	2.5	11 years	8.1	1.4	11 years	0.6	-1.3			
1986	32	78.6	2.5	1986	14	21.5	1.5	1986	0	0.0		10 years	22.4	2.5	10 years	8.6	1.4	10 years	0.7	-1.3			
1987	16	39.1	2.4	1987	8	14.3	1.8	1987	0	0.0		9 years	21.3	2.5	9 years	8.0	1.4	9 years	0.8	-1.3			
1988	18	46.3	2.6	1988	8	14.3	1.8	1988	0	0.0		8 years	22.0	2.5	8 years	8.0	1.3	8 years	0.9	-1.3			
1989	28	79.7	2.8	1989	4	4.3	1.1	1989	1	-0.4	-0.4	7 years	22.6	2.5	7 years	8.0	1.3	7 years	1.0	-1.3			
1990	40	50.9	1.3	1990	27	10.0	0.4	1990	6	-12.6	-2.1	6 years	21.7	2.4	6 years	8.7	1.3	6 years	1.0	-2.1			
1991	10	24.0	2.4	1991	4	6.2	1.6	1991	0	0.0		5 years	18.0	2.6	5 years	5.0	1.5	5 years	0.0				
1992	14	38.2	2.7	1992	3	3.4	1.1	1992	0	0.0		4 years	20.0	2.7	4 years	5.3	1.5	4 years	0.0				
1993	30	77.9	2.6	1993	9	10.8	1.2	1993	0	0.0		3 years	22.0	2.7	3 years	6.0	1.6	3 years	0.0				
1994	22	56.0	2.5	1994	6	8.7	1.5	1994	0	0.0		2 years	18.0	2.7	2 years	4.5	1.8	2 years	0.0				
1995	14	41.0	2.9	1995	3	6.2	2.1	1995	0	0.0		1 years	14.0	2.9	1 years	3.0	2.1	1 years	0.0				
1996	18	49.5	2.8	1996	6	8.8	1.5	1996	0	0.0		0 years	18.0	2.8	0 years	6.0	1.5	0 years	0.0				
1997	57	60.9	1.1	1997	36	-8.4	-0.2	1997	21	-25.5	-1.2	1 years	57.0	1.1	1 years	36.0	-0.2	1 years	21.0	-1.2			
1998	56	84.3	1.5	1998	36	21.7	0.6	1998	9	-7.7	-0.9	2 years	56.5	1.3	2 years	36.0	0.2	2 years	15.0	-1.0			
1999	56	108.4	1.9	1999	32	34.4	1.1	1999	2	-1.6	-0.8	3 years	56.3	1.5	3 years	34.7	0.5	3 years	10.7	-1.0			
2000	67	120.1	1.8	2000	40	37.9	0.9	2000	6	-3.5	-0.6	4 years	59.0	1.6	4 years	36.0	0.6	4 years	9.5	-0.9			
2001	76	106.6	1.4	2001	55	36.2	0.7	2001	12	-13.4	-1.1	5 years	62.4	1.5	5 years	39.8	0.6	5 years	10.0	-0.9			
2002	60	86.1	1.4	2002	37	17.2	0.5	2002	10	-11.8	-1.2	6 years	62.0	1.5	6 years	39.3	0.6	6 years	10.0	-1.0			
2003	59	94.0	1.6	2003	35	20.7	0.6	2003	9	-6.9	-0.8	7 years	61.6	1.5	7 years	38.7	0.6	7 years	9.9	-0.9			
2004	71	89.5	1.3	2004	50	24.2	0.5	2004	14	-12.8	-0.9	8 years	62.8	1.5	8 years	40.1	0.6	8 years	10.4	-0.9			
2005	76	91.1	1.2	2005	54	22.9	0.4	2005	17	-22.0	-1.3	9 years	64.2	1.5	9 years	41.7	0.6	9 years	11.1	-1.0			
2006	80	120.2	1.5	2006	47	19.2	0.4	2006	16	-21.0	-1.3	10 years	65.8	1.5	10 years	42.2	0.5	10 years	11.6	-1.0			
2007	57	93.3	1.6	2007	33	20.2	0.6	2007	6	-5.9	-1.0	11 years	65.0	1.5	11 years	41.4	0.5	11 years	11.1	-1.0			
2008	68	80.0	1.2	2008	47	18.9	0.4	2008	14	-10.9	-0.8	12 years	65.3	1.5	12 years	41.8	0.5	12 years	11.3	-1.0			
2009	62	95.1	1.5	2009	41	28.1	0.7	2009	7	-5.2	-0.7	13 years	65.0	1.5	13 years	41.8	0.5	13 years	11.0	-1.0			
2010	91	77.5	0.9	2010	63	-10.3	-0.2	2010	31	-50.9	-1.6	14 years	66.9	1.4	14 years	43.3	0.5	14 years	12.4	-1.0			
2011	38	69.4	1.8	2011	23	20.3	0.9	2011	3	-2.6	-0.9	15 years	64.9	1.4	15 years	41.9	0.5	15 years	11.8	-1.0			
2012	64	71.9	1.1	2012	46	15.3	0.3	2012	13	-20.1	-1.5	16 years	64.9	1.4	16 years	42.2	0.5	16 years	11.9	-1.0			
2013	55	85.0	1.5	2013	28	3.3	0.1	2013	9	-14.9	-1.7	17 years	64.3	1.4	17 years	41.4	0.5	17 years	11.7	-1.1			
2014	43	83.4	1.9	2014	22	17.5	0.8	2014	3	-1.4	-0.5	18 years	63.1	1.5	18 years	40.3	0.5	18 years	11.2	-1.0			
2015	53	109.9	2.1	2015	26	24.8	1.0	2015	6	-3.7	-0.6	19 years	62.6	1.5	19 years	39.5	0.5	19 years	10.9	-1.0			
2016	72	88.1	1.2	2016	47	12.0	0.3	2016	17	-16.8	-1.0	20 years	63.1	1.5	20 years	39.9	0.5	20 years	11.3	-1.0			
2017	58	108.3	1.9	2017	29	19.1	0.7	2017	8	-5.1	-0.6												
2018	51	91.6	1.8	2018	27	20.3	0.8	2018	4	-4.6	-1.2												
2019	65	107.6	1.7	2019	35	19.4	0.6	2019	8	-5.2	-0.7												
2020	65	117.3	1.8	2020	40	41.5	1.0	2020	5	-3.3	-0.7												
2021	53	99.9	1.9	2021	32	31.4	1.0	2021	5	-2.9	-0.6												
2022	68	122.1	1.8	2022	38	30.3	0.8	2022	9	-5.7	-0.6												
Original AWS probe Rosemount				10 years AWS and small screen both 1996				10 years AWS and small screen both															







10th 19.3	Annual # days below 10th percentile	Annual total C in days below 10th percentile	Annual average C in days below 10th percentile	5th 18.0	Annual # days below 5th percentile	Annual total C in days below 5th percentile	Annual average C in days below 5th percentile	1st 15.8	Annual # days below 1st percentile	Annual total C in days below 1st percentile	Annual average C in days below 1st percentile	Pre and post cumulative averages	AWS 10th percentile average in years pre and post AWS	Pre and post cumulative averages	AWS 5th percentile average in years pre and post AWS	Pre and post cumulative averages	AWS 1st percentile average in years pre and post AWS			
													Av #	Av C	Av #	Av C	Av #	Av C		
1910	13	237.8	18.3	1910	6	105.3	17.6	1910	0	0.0										
1911	40	720.3	18.0	1911	16	271.3	17.0	1911	1	15.7	15.7									
1912	22	397.8	18.1	1912	11	191.7	17.4	1912	0	0.0										
1913	52	935.3	18.0	1913	25	427.1	17.1	1913	2	31.4	15.7									
1914	35	616.5	17.6	1914	20	334.1	16.7	1914	2	30.7	15.4									
1915	8	149.5	18.7	1915	0	0.0		1915	0	0.0										
1916	4	74.2	18.6	1916	1	17.3	17.3	1916	0	0.0										
1917	13	232.0	17.8	1917	7	120.8	17.3	1917	1	15.8	15.8									
1918	25	462.9	18.5	1918	6	105.6	17.6	1918	0	0.0										
1919	57	1030.2	18.1	1919	24	412.0	17.2	1919	2	30.8	15.4									
1920	0	0.0		1920	0	0.0		1920	0	0.0										
1921	15	269.1	17.9	1921	7	119.0	17.0	1921	0	0.0										
1922	45	795.4	17.7	1922	22	365.7	16.6	1922	5	74.8	15.0									
1923	54	952.4	17.6	1923	34	579.5	17.0	1923	4	62.6	15.7									
1924	17	314.4	18.5	1924	5	88.5	17.7	1924	0	0.0										
1925	46	822.9	17.9	1925	20	336.7	16.8	1925	2	29.9	15.0									
1926	25	456.3	18.3	1926	8	138.9	17.4	1926	0	0.0										
1927	23	414.0	18.0	1927	11	188.7	17.2	1927	0	0.0										
1928	34	577.9	17.0	1928	24	392.2	16.3	1928	8	121.0	15.1									
1929	52	928.5	17.9	1929	25	421.6	16.9	1929	3	46.8	15.6									
1930	23	419.5	18.2	1930	7	119.1	17.0	1930	0	0.0										
1931	18	322.2	17.9	1931	7	116.8	16.7	1931	1	15.6	15.6									
1932	37	662.4	17.9	1932	12	195.9	16.3	1932	4	59.3	14.8									
1933	28	500.9	17.9	1933	15	257.7	17.2	1933	1	15.7	15.7									
1934	18	333.6	18.5	1934	2	35.7	17.9	1934	0	0.0										
1935	28	492.4	17.6	1935	15	250.1	16.7	1935	5	76.6	15.3									
1936	4	71.3	17.8	1936	2	34.6	17.3	1936	0	0.0										
1937	31	560.5	18.1	1937	12	206.8	17.2	1937	1	15.6	15.6									
1938	9	153.6	17.1	1938	7	115.5	16.5	1938	1	14.7	14.7									
1939	15	276.1	18.4	1939	3	51.7	17.2	1939	0	0.0										
1940	19	345.2	18.2	1940	4	67.3	16.8	1940	1	15.6	15.6									
1941	16	287.2	18.0	1941	10	175.0	17.5	1941	0	0.0										
1942	40	662.0	16.6	1942	27	419.8	15.5	1942	13	178.9	13.8									
1943	41	722.5	17.6	1943	23	383.9	16.7	1943	5	76.1	15.2									
1944	55	993.1	18.1	1944	24	411.8	17.2	1944	1	14.9	14.9									
1945	38	665.0	17.5	1945	20	326.5	16.3	1945	7	103.1	14.7									
1946	29	523.5	18.1	1946	12	204.1	17.0	1946	1	15.6	15.6									
1947	20	369.7	18.5	1947	5	87.2	17.4	1947	0	0.0										
1948	32	563.2	17.6	1948	17	282.8	16.6	1948	4	61.0	15.3									
1949	79	1370.2	17.3	1949	39	621.9	15.9	1949	15	217.2	14.5									
1950	40	716.0	17.9	1950	16	267.5	16.7	1950	5	76.9	15.4									
1951	27	478.9	17.7	1951	13	217.4	16.7	1951	3	45.4	15.1									
1952	47	849.7	18.1	1952	20	344.6	17.2	1952	1	15.3	15.3									
1953	46	817.9	17.8	1953	19	314.4	16.5	1953	6	90.7	15.1									
1954	48	861.3	17.9	1954	21	353.8	16.8	1954	4	60.3	15.1									
1955	7	127.6	18.2	1955	3	52.0	17.3	1955	0	0.0										
1956	29	522.3	18.0	1956	12	200.4	16.7	1956	2	31.3	15.7									
1957	26	463.0	17.8	1957	12	198.4	16.5	1957	2	28.0	14.0									
1958	18	324.8	18.0	1958	8	137.4	17.2	1958	0	0.0										
1959	47	837.4	17.8	1959	26	443.9	17.1	1959	2	30.5	15.3									
1960	65	1144.9	17.6	1960	38	641.2	16.9	1960	3	44.1	14.7									
1961	68	1214.7	17.9	1961	30	505.0	16.8	1961	4	61.3	15.3									
1962	24	428.1	17.8	1962	11	186.5	17.0	1962	0	0.0										
1963	63	1074.1	17.0	1963	39	623.4	16.0	1963	13	186.3	14.3									
1964	47	832.6	17.7	1964	20	326.2	16.3	1964	7	104.3	14.9									
1965	57	939.3	16.5	1965	41	639.4	15.6	1965	21	298.6	14.2									
1966	41	716.0	17.5	1966	29	493.3	17.0	1966	2	28.9	14.5									
1967	73	1239.9	17.0	1967	54	885.0	16.4	1967	15	221.9	14.8									
1968	37	655.0	17.7	1968	21	353.8	16.8	1968	1	15.1	15.1									
1969	41	755.2	18.4	1969	10	174.0	17.4	1969	0	0.0										
1970	43	769.8	17.9	1970	15	245.6	16.4	1970	4	58.3	14.6									
1971	52	895.0	17.2	1971	34	557.8	16.4	1971	11	166.7	15.2									
1972	39	700.3	18.0	1972	20	344.0	17.2	1972	1	15.6	15.6									
1973	14	253.6	18.1	1973	6	103.4	17.2	1973	0	0.0										
1974	48	828.1	17.3	1974	29	471.4	16.3	1974	7	102.8	14.7									
1975	25	440.8	17.6	1975	11	179.0	16.3	1975	5	74.0	14.8									
1976	76	1351.8	17.8	1976	31	511.6	16.5	1976	9	133.4	14.8	20 years	34.0	17.7	20 years	17.7	16.8	20 years	3.9	14.9
1977	63	1093.5	17.4	1977	38	624.4	16.4	1977	14	211.5	15.1	19 years	31.8	17.7	19 years	16.9	16.9	19 years	3.6	15.0
1978	19	331.4	17.4	1978	9	144.9	16.1	1978	4	60.2	15.1	18 years	30.1	17.8	18 years	15.8	16.9	18 years	3.1	14.9
1979	30	542.3	18.1	1979	13	224.9	17.3	1979	0	0.0		17 years	30.7	17.8	17 years	16.2	16.9	17 years	3.0	14.9
1980	18	321.7	17.9	1980	9	154.7	17.2	1980	1	15.2	15.2	16 years	30.8	17.8	16 years	16.4	16.9	16 years	3.2	14.9
1981	9	163.9	18.2	1981	4	70.6	17.7	1981	0	0.0		15 years	31.6	17.8	15 years	16.9	16.9	15 years	3.3	14.9
1982	42	754.6	18.0	1982	16	267.9	16.7	1982	3	46.2	15.4	14 years	33.2	17.7	14 years	17.8	16.8	14 years	3.6	14.9
1983	33	585.0	17.7	1983	17	284.9	16.8	1983	4	57.4	14.4	13 years	32.5	17.7	13 years	17.9	16.8	13 years	3.6	14.8
1984	33	575.1	17.4	1984	20	329.6	16.5	1984	6	89.4	14.9	12 years	32.5	17.7	12 years	18.0	16.8	12 years	3.6	14.9
1985	47	813.2	17.3	1985	31	513.7	16.6	1985	6	86.9	14.5	11 years	32.5	17.7	11 years	17.8	16.9	11 years	3.4	14.9
1986	17	303.9	17.9	1986	10	173.2	17.3	1986	0	0.0		10 years	31.0	17.8	10 years	16.5	16.9	10 years	3.1	15.0
1987	23	418.8	18.2	1987	9	157.6	17.5	1987	0	0.0		9 years	32.6	17.8	9 years	17.2	16.9	9 years	3.4	15.0
1988	22	392.7	17.9	1988	11	188.5	17.1	1988	0	0.0		8 years	33.8	17.7	8 years	18.3	16.8	8 years	3.9	15.0
1989	38	658.5	17.3	1989	24	398.8	16.6	1989	6	88.6	14.8	7 years	35.4	17.7	7 years	19.3	16.7	7 years	4.4	15.0
1990	33	572.7	17.4	1990	18	292.6	16.3	1990	6	87.4	14.6	6 years	35.0	17.8	6 years	18.5	16.8	6 years	4.2	15.0
1991	26	466.9	18.0	1991	12	203.1	16.9	1991	2	30.1	15.1	5 years	35.4	17.8	5 years	18.6	16.9	5 years	3.8	15.1
1992	31	548.4	17.7	1992	18	306.0	17.0	1992	4</											



10th 2.8	Annual # days below 10th percentile	Annual total C in days below 10th percentile	Annual average C in days below 10th percentile	5th 1.3	Annual # days below 5th percentile	Annual total C in days below 5th percentile	Annual average C in days below 5th percentile	1st -0.9	Annual # days below 1st percentile	Annual total C in days below 1st percentile	Annual average C in days below 1st percentile	Pre and post cumulative averages	AWS 10th percentile average in years pre and post AWS		Pre and post cumulative averages	AWS 5th percentile average in years pre and post AWS		Pre and post cumulative averages	AWS 1st percentile average in years pre and post AWS	
													Av #	Av C		Av #	Av C		Av #	Av C
1910	25	48.5	1.9	1910	5	3.3	0.7	1910	0	0.0										
1911	33	51.2	1.6	1911	10	-0.1	-0.0	1911	2	-3.9	-2.0									
1912	41	61.7	1.5	1912	16	7.1	0.4	1912	1	-1.1	-1.1									
1913	30	46.3	1.5	1913	10	3.1	0.3	1913	0	0.0										
1914	48	80.1	1.7	1914	15	5.4	0.4	1914	1	-1.1	-1.1									
1915	14	32.3	2.3	1915	1	0.6	0.6	1915	0	0.0										
1916	31	58.8	1.9	1916	8	4.5	0.6	1916	1	-1.1	-1.1									
1917	19	41.4	2.2	1917	2	2.2	1.1	1917	0	0.0										
1918	28	27.3	1.0	1918	14	-4.4	-0.3	1918	5	-9.5	-1.9									
1919	54	44.2	0.8	1919	28	-13.3	-0.5	1919	8	-13.8	-1.7									
1920	36	59.9	1.7	1920	15	9.1	0.6	1920	0	0.0										
1921	27	33.3	1.2	1921	11	-5.1	-0.5	1921	4	-5.0	-1.3									
1922	44	59.8	1.4	1922	21	7.3	0.3	1922	3	-5.5	-1.8									
1923	10	20.1	2.0	1923	3	2.8	0.9	1923	0	0.0										
1924	39	64.4	1.7	1924	16	6.7	0.4	1924	0	0.0										
1925	33	54.4	1.6	1925	14	10.6	0.8	1925	0	0.0										
1926	31	57.8	1.9	1926	8	4.4	0.6	1926	0	0.0										
1927	49	65.4	1.3	1927	23	5.1	0.2	1927	3	-3.6	-1.2									
1928	44	57.0	1.3	1928	22	5.0	0.2	1928	3	-3.9	-1.3									
1929	46	35.0	2.0	1929	22	-15.7	-0.7	1929	10	-21.1	-2.1									
1930	27	53.1	0.8	1930	5	2.3	0.5	1930	0	0.0										
1931	22	47.6	2.2	1931	3	2.3	0.8	1931	0	0.0										
1932	35	51.3	1.5	1932	14	1.1	0.1	1932	2	-2.8	-1.4									
1933	40	57.2	1.4	1933	18	7.8	0.4	1933	0	0.0										
1934	31	51.3	1.7	1934	12	7.9	0.7	1934	0	0.0										
1935	23	43.5	1.9	1935	4	1.1	0.3	1935	0	0.0										
1936	23	42.4	1.8	1936	4	-0.5	-0.1	1936	1	-1.1	-1.1									
1937	33	44.8	1.4	1937	14	2.8	0.2	1937	3	-3.9	-1.3									
1938	30	38.3	1.3	1938	15	5.1	0.3	1938	2	-2.2	-1.1									
1939	31	41.8	1.3	1939	13	0.5	0.0	1939	1	-1.1	-1.1									
1940	46	76.5	1.7	1940	17	8.9	0.5	1940	0	0.0										
1941	43	64.5	1.5	1941	20	12.4	0.6	1941	1	-1.1	-1.1									
1942	14	24.4	1.7	1942	5	4.0	0.8	1942	0	0.0										
1943	37	63.0	1.7	1943	14	10.8	0.8	1943	0	0.0										
1944	50	62.3	1.2	1944	24	5.9	0.2	1944	4	-5.6	-1.4									
1945	36	51.2	1.4	1945	14	-1.8	-0.1	1945	2	-2.6	-1.3									
1946	30	40.5	1.4	1946	15	5.2	0.3	1946	2	-2.2	-1.1									
1947	23	45.6	2.0	1947	6	4.5	0.8	1947	0	0.0										
1948	29	42.5	1.5	1948	10	0.9	0.1	1948	1	-1.3	-1.3									
1949	55	78.7	1.4	1949	23	6.5	0.3	1949	4	-5.4	-1.4									
1950	25	45.5	1.8	1950	7	5.7	0.8	1950	0	0.0										
1951	20	37.3	1.9	1951	6	4.7	0.8	1951	0	0.0										
1952	35	32.6	0.9	1952	22	6.1	0.3	1952	3	-3.9	-1.3									
1953	38	61.5	1.6	1953	15	7.0	0.5	1953	2	-1.9	-1.0									
1954	33	50.7	1.5	1954	11	4.2	0.4	1954	0	0.0										
1955	18	36.1	2.0	1955	3	1.9	0.6	1955	0	0.0										
1956	21	30.5	1.5	1956	8	0.9	0.1	1956	1	-1.7	-1.7									
1957	40	57.2	1.4	1957	13	-0.4	-0.0	1957	1	-1.7	-1.7									
1958	35	34.2	1.0	1958	15	-9.1	-0.6	1958	5	-9.3	-1.9									
1959	29	46.1	1.6	1959	11	5.7	0.5	1959	0	0.0										
1960	28	39.1	1.4	1960	14	6.8	0.5	1960	0	0.0										
1961	40	43.2	1.1	1961	16	-8.2	-0.5	1961	7	-11.5	-1.6									
1962	22	25.2	1.1	1962	9	-3.8	-0.4	1962	3	-4.1	-1.4									
1963	24	28.7	1.2	1963	13	2.4	0.2	1963	0	0.0										
1964	28	50.4	1.8	1964	6	2.1	0.4	1964	1	-1.1	-1.1									
1965	36	39.8	1.1	1965	16	-4.2	-0.3	1965	5	-8.5	-1.7									
1966	53	60.1	1.1	1966	26	-2.1	-0.1	1966	4	-7.2	-1.8									
1967	25	43.2	1.7	1967	9	7.3	0.8	1967	0	0.0										
1968	31	47.0	1.5	1968	10	-0.4	-0.0	1968	2	-3.4	-1.7									
1969	40	64.4	1.6	1969	12	9.8	0.8	1969	0	0.0										
1970	35	55.2	1.6	1970	12	6.5	0.5	1970	0	0.0										
1971	49	62.2	1.3	1971	23	4.8	0.2	1971	3	-4.3	-1.4									
1972	40	43.1	1.1	1972	19	-6.9	-0.4	1972	6	-10.3	-1.7									
1973	27	45.1	1.7	1973	9	6.3	0.7	1973	0	0.0										
1974	34	27.4	0.8	1974	19	-7.7	-0.4	1974	8	-10.2	-1.3									
1975	29	44.1	1.5	1975	11	4.2	0.4	1975	1	-1.8	-1.8									
1976	74	55.9	0.8	1976	46	-0.6	-0.0	1976	10	-17.3	-1.7	20 years	44.0	1.1	20 years	21.5	0.1	20 years	4.3	-1.8
1977	54	66.8	1.2	1977	25	0.4	0.0	1977	4	-4.5	-1.1	19 years	43.5	1.1	19 years	21.3	0.1	19 years	4.3	-1.8
1978	29	37.9	1.3	1978	14	5.8	0.4	1978	0	0.0		18 years	44.3	1.1	18 years	21.7	0.1	18 years	4.6	-1.8
1979	52	57.2	1.1	1979	27	4.2	0.2	1979	4	-6.1	-1.5	17 years	43.8	1.1	17 years	21.4	0.1	17 years	4.6	-1.8
1980	36	58.8	1.6	1980	14	6.2	0.4	1980	0	0.0		16 years	44.3	1.1	16 years	21.8	0.1	16 years	4.9	-1.8
1981	29	46.4	1.6	1981	10	8.5	0.9	1981	0	0.0		15 years	45.3	1.1	15 years	22.6	0.0	15 years	5.2	-1.8
1982	72	10.5	0.1	1982	47	-44.3	-0.9	1982	18	-48.1	-2.7	14 years	43.4	1.1	14 years	20.9	0.1	14 years	4.3	-1.8
1983	34	30.2	0.9	1983	20	0.5	0.0	1983	5	-6.1	-1.2	13 years	44.2	1.1	13 years	20.9	0.1	13 years	4.2	-1.8
1984	52	53.0	1.0	1984	25	-4.6	-0.2	1984	6	-11.3	-1.9	12 years	43.5	1.2	12 years	20.6	0.1	12 years	4.1	-1.8
1985	55	36.3	0.7	1985	29	-13.8	-0.5	1985	9	-22.7	-2.5	11 years	42.5	1.2	11 years	19.8	0.2	11 years	3.6	-1.7
1986	49	50.9	1.0	1986	25	-2.7	-0.1	1986	6	-12.0	-2.0	10 years	41.8	1.2	10 years	19.3	0.2	10 years	3.4	-1.7
1987	45	53.8	1.2	1987	21	2.8	0.1	1987	3	-4.8	-1.6	9 years	41.4	1.2	9 years	19.1	0.2	9 years	3.4	-1.7
1988	40	64.4	1.6	1988	16	12.4	0.8	1988	0	0.0		8 years	41.6	1.2	8 years	19.5	0.1	8 years	3.9	-1.7
1989	50	58.3	1.2	1989	23	1.2	0.1	1989	5	-8.8	-1.8	7 years	40.4	1.2	7 years	19.0	0.1	7 years	3.7	-1.7
1990	30	48.3	1.6	1990	10	5.4	0.5	1990	0	0.0		6 years	42.2	1.1	6 years	20.5	0.1	6 years	4.3	-1.7
1991	37	52.7	1.4	1991	12	-0.8	-0.1	1991	3	-5.4	-1.8	5 years	43.2	1.0	5 years	22.2	0.1	5 years	4.6	-1.7
1992	46	34.3	0.7	1992	26	-5.3	-0.2	1992	7	-12.5	-1.8	4 years	42.5	1.1	4 years	21.3	0.2	4 years	4.0	-1.6
1993	34	41.6	1.2	1993	16	8.6	0.5	1993	1	-1.3	-									



10th 1.7	Annual # days below 10th percentile	Annual total C in days below 10th percentile	Annual average C in days below 10th percentile	5th 0.1	Annual # days below 5th percentile	Annual total C in days below 5th percentile	Annual average C in days below 5th percentile	1st -0.9	Annual # days below 1st percentile	Annual total C in days below 1st percentile	Annual average C in days below 1st percentile	Pre and post cumulative averages	AWS 10th percentile average in years pre and post AWS	Pre and post cumulative averages	AWS 5th percentile average in years pre and post AWS	Pre and post cumulative averages	AWS 1st percentile average in years pre and post AWS			
	Av #	Av C			Av #	Av C			Av #	Av C			Av #	Av C		Av #	Av C			
1921	28	12.2	0.4	1921	14	-7.5	-0.5	1921	1	-3.3	-3.3									
1922	46	-0.4	-0.0	1922	23	-29.5	-1.3	1922	7	-17.2	-2.5									
1923	39	15.5	0.4	1923	15	-16.8	-1.1	1923	4	-10.0	-2.5									
1924	56	-3.3	-0.1	1924	33	-32.8	-1.0	1924	7	-16.9	-2.4									
1925	68	9.4	0.1	1925	34	-32.6	-1.0	1925	6	-17.0	-2.8									
1926	37	18.4	0.5	1926	16	-10.5	-0.7	1926	2	-4.4	-2.2									
1927	69	-97.4	-1.4	1927	52	-117.8	-2.3	1927	27	-96.3	-3.6									
1928	43	13.1	0.3	1928	15	-17.3	-1.2	1928	5	-12.2	-2.4									
1929	50	-40.5	-0.8	1929	33	-60.2	-1.8	1929	15	-49.6	-3.3									
1930	22	17.5	0.8	1930	6	-1.7	-0.3	1930	0	0.0										
1931	38	38.6	1.0	1931	4	0.0	0.0	1931	0	0.0										
1932	40	22.8	0.6	1932	11	-14.2	-1.3	1932	3	-11.1	-3.7									
1933	27	5.3	0.2	1933	12	-11.5	-1.0	1933	0	0.0										
1934	26	10.3	0.4	1934	10	-9.1	-0.9	1934	0	0.0										
1935	42	11.8	0.3	1935	18	-18.4	-1.0	1935	3	-8.3	-2.8									
1936	31	3.5	0.1	1936	14	-13.2	-0.9	1936	2	-5.7	-2.9									
1937	34	22.1	0.7	1937	10	-11.1	-1.1	1937	0	0.0										
1938	29	15.7	0.5	1938	12	-5.8	-0.5	1938	0	0.0										
1939	32	1.9	0.1	1939	19	-13.7	-0.7	1939	1	-3.2	-3.2									
1940	59	-35.6	-0.6	1940	31	-67.9	-2.2	1940	13	-54.3	-4.2									
1941	35	14.8	0.4	1941	12	-10.6	-0.9	1941	1	-2.2	-2.2									
1942	10	5.6	0.6	1942	4	-1.1	-0.3	1942	0	0.0										
1943	47	16.5	0.4	1943	24	-10.3	-0.4	1943	0	0.0										
1944	31	14.1	0.5	1944	13	-6.3	-0.5	1944	0	0.0										
1945	24	15.9	0.7	1945	6	-4.0	-0.7	1945	0	0.0										
1946	51	-9.6	-0.2	1946	34	-29.4	-0.9	1946	3	-7.2	-2.4									
1947	38	11.6	0.3	1947	18	-11.2	-0.6	1947	1	-2.6	-2.6									
1948	55	1.5	0.0	1948	32	-27.9	-0.9	1948	6	-15.1	-2.5									
1949	39	-5.3	-0.1	1949	26	-23.4	-0.9	1949	2	-4.4	-2.2									
1950	7	4.0	0.6	1950	3	-0.6	-0.2	1950	0	0.0										
1951	32	16.8	0.5	1951	14	-4.7	-0.3	1951	0	0.0										
1952	39	5.4	0.1	1952	19	-16.9	-0.9	1952	2	-5.6	-2.8									
1953	57	14.9	0.3	1953	27	-23.0	-0.9	1953	2	-5.0	-2.5									
1954	37	23.2	0.6	1954	13	-3.4	-0.3	1954	0	0.0										
1955	28	11.9	0.4	1955	10	-11.0	-1.1	1955	2	-5.0	-2.5									
1956	34	19.6	0.6	1956	13	-8.1	-0.6	1956	0	0.0										
1957	41	14.8	0.4	1957	13	-18.2	-1.4	1957	4	-11.7	-2.9									
1958	35	1.0	0.0	1958	19	-16.2	-0.9	1958	3	-7.2	-2.4									
1959	30	19.1	0.6	1959	10	-5.0	-0.5	1959	0	0.0										
1960	40	16.3	0.4	1960	17	-9.8	-0.6	1960	1	-3.3	-3.3									
1961	28	3.7	0.1	1961	14	-14.5	-1.0	1961	2	-5.0	-2.5									
1962	33	16.3	0.5	1962	9	-10.1	-1.1	1962	2	-6.1	-3.1									
1963	29	14.3	0.5	1963	10	-10.9	-1.1	1963	1	-2.6	-2.6									
1964	36	4.1	0.1	1964	15	-15.5	-1.0	1964	2	-4.4	-2.2									
1965	45	-11.8	-0.3	1965	31	-28.8	-0.9	1965	6	-15.9	-2.7									
1966	35	-5.6	-0.2	1966	21	-21.9	-1.0	1966	3	-8.9	-3.0									
1967	37	14.4	0.4	1967	13	-10.2	-0.8	1967	1	-2.8	-2.8									
1968	24	2.2	0.1	1968	11	-10.8	-1.0	1968	2	-5.4	-2.7									
1969	34	21.3	0.6	1969	12	-4.0	-0.3	1969	0	0.0										
1970	55	-27.1	-0.5	1970	32	-49.0	-1.5	1970	11	-35.4	-3.2									
1971	43	-28.0	-0.7	1971	28	-45.8	-1.6	1971	11	-30.4	-2.8									
1972	37	6.1	0.2	1972	21	-10.1	-0.5	1972	1	-2.6	-2.6									
1973	8	5.9	0.7	1973	1	-0.5	-0.5	1973	0	0.0										
1974	44	14.7	0.3	1974	17	-15.3	-0.9	1974	1	-3.3	-3.3									
1975	26	25.6	1.0	1975	1	-0.5	-0.5	1975	0	0.0										
1976	51	26.1	0.5	1976	17	-11.4	-0.7	1976	0	0.0		20 years	36.4	0.1	20 years	16.4	-1.1	20 years	3.2	-2.8
1977	41	8.6	0.2	1977	17	-11.6	-0.7	1977	0	0.0		19 years	35.6	0.0	19 years	16.3	-1.2	19 years	3.3	-2.8
1978	30	8.5	0.3	1978	10	-9.7	-1.0	1978	0	0.0		18 years	35.3	0.0	18 years	16.3	-1.2	18 years	3.5	-2.8
1979	38	8.1	0.2	1979	19	-11.3	-0.6	1979	0	0.0		17 years	35.6	0.0	17 years	16.6	-1.2	17 years	3.7	-2.8
1980	24	18.5	0.8	1980	6	-2.1	-0.4	1980	0	0.0		16 years	35.5	-0.0	16 years	16.5	-1.2	16 years	3.9	-2.8
1981	17	13.8	0.8	1981	2	-3.4	-1.7	1981	1	-2.3	-2.3	15 years	36.3	-0.1	15 years	17.2	-1.3	15 years	4.2	-2.8
1982	50	8.2	0.2	1982	22	-21.4	-1.0	1982	2	-5.0	-2.5	14 years	37.6	-0.1	14 years	18.3	-1.3	14 years	4.4	-2.9
1983	26	3.5	0.1	1983	12	-10.0	-0.8	1983	1	-3.0	-3.0	13 years	36.7	-0.1	13 years	18.0	-1.3	13 years	4.6	-2.9
1984	23	5.5	0.2	1984	10	-10.2	-1.0	1984	2	-4.7	-2.4	12 years	37.6	-0.2	12 years	18.5	-1.3	12 years	4.9	-2.9
1985	28	-2.7	-0.1	1985	14	-14.7	-1.1	1985	2	-5.6	-2.8	11 years	38.9	-0.2	11 years	19.3	-1.3	11 years	5.2	-2.9
1986	27	-3.4	-0.1	1986	16	-17.0	-1.1	1986	1	-2.9	-2.9	10 years	40.0	-0.2	10 years	19.8	-1.4	10 years	5.5	-3.0
1987	48	-9.0	-0.2	1987	22	-32.4	-1.5	1987	5	-16.8	-3.4	9 years	41.4	-0.2	9 years	20.2	-1.4	9 years	6.0	-3.0
1988	35	0.4	0.0	1988	14	-17.4	-1.2	1988	2	-6.6	-3.3	8 years	40.6	-0.2	8 years	20.0	-1.4	8 years	6.1	-2.9
1989	42	-2.6	-0.1	1989	18	-24.4	-1.4	1989	4	-12.1	-3.0	7 years	41.4	-0.3	7 years	20.9	-1.4	7 years	6.7	-2.9
1990	26	6.8	0.3	1990	7	-8.8	-1.3	1990	2	-6.0	-3.0	6 years	41.3	-0.3	6 years	21.3	-1.4	6 years	7.2	-2.8
1991	39	-16.0	-0.4	1991	20	-31.1	-1.6	1991	8	-21.6	-2.7	5 years	44.4	-0.4	5 years	24.2	-1.5	5 years	8.2	-2.8
1992	50	-15.0	-0.3	1992	26	-39.6	-1.5	1992	8	-24.2	-3.0	4 years	45.8	-0.4	4 years	25.3	-1.4	4 years	8.3	-2.8
1993	29	4.0	0.1	1993	16	-9.4	-0.6	1993	1	-2.2	-2.2	3 years	44.3	-0.5	3 years	25.0	-1.4	3 years	8.3	-2.7
1994	70	-26.5	-0.4	1994	35	-58.3	-1.7	1994	13	-36.4	-2.8	2 years	52.0	-0.8	2 years	29.5	-1.8	2 years	12.0	-3.0
1995	34	-38.9	-1.1	1995	24	-47.7	-2.0	1995	11	-35.6	-3.2	1 years	34.0	-1.1	1 years	24.0	-2.0	1 years	11.0	-3.2
1996	22	10.2	0.5	1996	6	-6.8	-1.1	1996	0	0.0		0 years	22.0	0.5	0 years	6.0	-1.1	0 years	0.0	
1997	55	-36.4	-0.7	1997	31	-59.4	-1.9	1997	15	-43.2	-2.9	1 years	55.0	-0.7	1 years	31.0	-1.9	1 years	15.0	-2.9
1998	28	4.6	0.2	1998	11	-14.6	-1.3	1998	3	-7.4	-2.5	2 years	41.5	-0.2	2 years	21.0	-1.6	2 years	9.0	-2.7
1999	43	9.2	0.2	1999	17	-16.5	-1.0	1999	1	-2.4	-2.4	3 years	42.0	-0.1	3 years	19.7	-1.4	3 years	6.3	-2.6
2000	42	-9.2	-0.2	2000	26	-24.5	-0.9	2000	5	-13.5	-2.7	4 years	42.0	-0.1	4 years	19.3	-1.3	4 years	6.0	-2.6
2001	47	-18.1	-0.4	2001	27	-36.0	-1.3	2001	7	-18.3	-2.6	5 years	43.0	-0.2	5 years	22.4	-1.3	5 years	6.2	-2.6
2002	56	-58.6	-1.0	2002	37	-81.9	-2.2	2002	16	-57.6	-3.6	6 years	45.2	-0.3	6 years	24.8	-1.5	6 years	7.8	-2.8
2003	42	-11.9	-0.3	2003	23	-29.7	-1.3	2003	5	-13.4	-2.7	7 years	44.7	-0.3	7 years	24.6	-1.4	7 years	7.4	-2.8
2004	55	6.0	0.1	2004	24	-23.6	-1.0	2004	3	-7.4	-2.5	8 years	46.0	-0.3	8 years	24.5	-1.4			



10th 5.6	Annual # days below 10th percentile	Annual total C in days below 10th percentile	Annual average C in days below 10th percentile	5th 4.4	Annual # days below 5th percentile	Annual total C in days below 5th percentile	Annual average C in days below 5th percentile	1st -0.9	Annual # days below 1st percentile	Annual total C in days below 1st percentile	Annual average C in days below 1st percentile	Pre and post cumulative averages		AWS 10th percentile average in years pre and post AWS		Pre and post cumulative averages		AWS 5th percentile average in years pre and post AWS		Pre and post cumulative averages		AWS 1st percentile average in years pre and post AWS	
												Av #	Av C	Av #	Av C	Av #	Av C	Av #	Av C				
1910	25	106.7	4.3	1910	13	43.4	3.3	1910	4	8.4	2.1												
1911	53	209.2	3.9	1911	32	102.7	3.2	1911	7	11.2	1.6												
1912	40	166.4	4.2	1912	22	74.3	3.4	1912	3	4.6	1.5												
1913	42	157.0	3.7	1913	25	71.4	2.9	1913	7	10.6	1.5												
1914	51	206.5	4.0	1914	28	90.8	3.2	1914	4	7.1	1.8												
1915	63	268.0	4.3	1915	30	97.5	3.3	1915	7	12.9	1.8												
1916	54	232.7	4.3	1916	29	103.8	3.6	1916	1	1.9	1.9												
1917	56	225.1	4.0	1917	28	80.2	2.9	1917	10	15.5	1.6												
1918	48	205.6	4.3	1918	24	84.0	3.5	1918	3	6.2	2.1												
1919	53	201.8	3.8	1919	32	95.5	3.0	1919	9	12.8	1.4												
1920	40	176.2	4.4	1920	18	64.1	3.6	1920	1	1.8	1.8												
1921	44	175.6	4.0	1921	24	71.9	3.0	1921	5	4.2	0.8												
1922	41	174.2	4.2	1922	21	71.6	3.4	1922	5	9.6	1.9												
1923	42	185.0	4.4	1923	23	83.5	3.6	1923	1	2.2	2.2												
1924	52	211.7	4.1	1924	27	84.6	3.1	1924	6	7.9	1.3												
1925	53	193.6	3.7	1925	32	85.9	2.7	1925	15	25.5	1.7												
1926	34	151.1	4.4	1926	14	49.2	3.5	1926	1	1.4	1.4												
1927	56	218.8	3.9	1927	34	106.4	3.1	1927	7	10.5	1.5												
1928	44	194.9	4.4	1928	18	59.4	3.3	1928	4	7.8	2.0												
1929	61	228.6	3.7	1929	38	109.7	2.9	1929	10	8.1	0.8												
1930	34	146.2	4.3	1930	13	37.2	2.9	1930	3	3.7	1.2												
1931	49	182.8	3.7	1931	37	122.2	3.3	1931	5	8.4	1.7												
1932	44	189.8	4.3	1932	21	68.2	3.2	1932	6	11.3	1.9												
1933	41	160.3	3.9	1933	24	74.0	3.1	1933	6	6.6	1.1												
1934	32	133.7	4.2	1934	16	50.0	3.1	1934	4	5.8	1.5												
1935	39	163.2	4.2	1935	23	78.9	3.4	1935	3	5.0	1.7												
1936	55	234.7	4.3	1936	31	108.7	3.5	1936	5	7.8	1.6												
1937	44	190.1	4.3	1937	23	79.7	3.5	1937	3	5.8	1.9												
1938	44	180.8	4.1	1938	22	66.5	3.0	1938	6	7.8	1.3												
1939	42	177.3	4.2	1939	21	69.2	3.3	1939	3	4.6	1.5												
1940	52	226.2	4.4	1940	21	68.5	3.3	1940	6	12.4	2.1												
1941	63	272.8	4.3	1941	32	109.3	3.4	1941	6	10.6	1.8												
1942	31	146.8	4.7	1942	14	55.8	4.0	1942	0	0.0													
1943	57	220.5	3.9	1943	37	113.6	3.1	1943	10	13.5	1.4												
1944	62	234.8	3.8	1944	45	144.4	3.2	1944	10	18.4	1.8												
1945	48	187.2	3.9	1945	29	90.3	3.1	1945	9	11.5	1.3												
1946	35	162.2	4.6	1946	17	65.9	3.9	1946	0	0.0													
1947	57	243.9	4.3	1947	35	126.1	3.6	1947	5	10.0	2.0												
1948	52	205.4	4.0	1948	35	113.8	3.3	1948	9	13.8	1.5												
1949	56	216.0	3.9	1949	36	107.6	3.0	1949	11	6.1	0.6												
1950	38	169.9	4.5	1950	22	85.7	3.9	1950	0	0.0													
1951	50	205.3	4.1	1951	26	76.9	3.0	1951	11	17.3	1.6												
1952	51	231.7	4.5	1952	21	72.1	3.4	1952	4	7.2	1.8												
1953	60	263.1	4.4	1953	28	93.5	3.3	1953	5	7.8	1.6												
1954	53	223.7	4.2	1954	31	108.3	3.5	1954	5	9.4	1.9												
1955	48	209.5	4.4	1955	28	103.5	3.7	1955	2	3.4	1.7												
1956	52	213.5	4.1	1956	30	95.1	3.2	1956	7	10.5	1.5												
1957	54	238.8	4.4	1957	31	115.4	3.7	1957	3	6.6	2.2												
1958	0	0.0		1958	0	0.0		1958	0	0.0													
1959	42	177.4	4.2	1959	26	90.8	3.5	1959	3	3.4	1.1												
1960	42	184.3	4.4	1960	22	79.2	3.6	1960	3	6.1	2.0												
1961	42	171.0	4.1	1961	23	70.2	3.1	1961	6	5.6	0.9												
1962	47	206.3	4.4	1962	28	104.7	3.7	1962	1	1.7	1.7												
1963	47	202.5	4.3	1963	24	80.9	3.4	1963	5	10.0	2.0												
1964	45	179.5	4.0	1964	31	106.7	3.4	1964	6	10.3	1.7												
1965	51	229.3	4.5	1965	22	75.6	3.4	1965	3	4.5	1.5												
1966	54	236.3	4.4	1966	28	98.5	3.5	1966	4	5.5	1.4												
1967	33	141.9	4.3	1967	18	60.9	3.4	1967	4	5.6	1.4												
1968	69	279.8	4.1	1968	44	145.8	3.3	1968	9	17.7	2.0												
1969	38	154.8	4.1	1969	22	71.8	3.3	1969	5	8.3	1.7												
1970	43	175.0	4.1	1970	25	77.2	3.1	1970	8	14.0	1.8												
1971	38	165.2	4.3	1971	20	68.9	3.4	1971	1	2.2	2.2												
1972	40	178.4	4.5	1972	21	78.7	3.7	1972	1	1.7	1.7												
1973	26	103.9	4.0	1973	13	38.7	3.0	1973	3	2.7	0.9												
1974	17	80.8	4.8	1974	4	11.7	2.9	1974	1	1.0	1.0												
1975	25	112.5	4.5	1975	8	27.4	3.4	1975	0	0.0													
1976	40	170.3	4.3	1976	19	66.0	3.5	1976	1	2.0	2.0	20 years	35.0	4.3	20 years	16.1	3.3	20 years	2.6	1.7			
1977	45	207.1	4.6	1977	14	49.0	3.5	1977	1	2.0	2.0	19 years	34.7	4.3	19 years	15.9	3.3	19 years	2.6	1.7			
1978	43	178.3	4.1	1978	22	70.9	3.2	1978	3	4.0	1.3	18 years	34.1	4.3	18 years	16.0	3.3	18 years	2.7	1.7			
1979	34	144.9	4.3	1979	16	53.3	3.3	1979	1	1.5	1.5	17 years	33.6	4.3	17 years	15.6	3.3	17 years	2.7	1.7			
1980	30	134.0	4.5	1980	11	38.9	3.5	1980	1	2.0	2.0	16 years	33.6	4.3	16 years	15.6	3.3	16 years	2.8	1.7			
1981	25	111.0	4.4	1981	12	43.4	3.6	1981	0	0.0		15 years	33.8	4.3	15 years	15.9	3.3	15 years	2.9	1.7			
1982	38	157.4	4.1	1982	18	58.3	3.2	1982	3	5.7	1.9	14 years	34.4	4.3	14 years	16.2	3.2	14 years	3.1	1.7			
1983	30	122.6	4.1	1983	12	32.7	2.7	1983	3	2.6	0.9	13 years	34.2	4.3	13 years	16.1	3.2	13 years	3.2	1.7			
1984	23	103.2	4.5	1984	7	22.8	3.3	1984	1	2.3	2.3	12 years	34.5	4.3	12 years	16.4	3.3	12 years	3.2	1.7			
1985	34	146.0	4.3	1985	15	48.8	3.3	1985	3	4.8	1.6	11 years	35.5	4.3	11 years	17.3							



10th 6.7	Annual # days below 10th percentile	Annual total C in days below 10th percentile	Annual average C in days below 10th percentile	5th 5.6	Annual # days below 5th percentile	Annual total C in days below 5th percentile	Annual average C in days below 5th percentile	1st 3.3	Annual # days below 1st percentile	Annual total C in days below 1st percentile	Annual average C in days below 1st percentile	Pre and post cumulative averages	AWS 10th percentile average in years pre and post AWS	Pre and post cumulative averages	AWS 5th percentile average in years pre and post AWS	Pre and post cumulative averages	AWS 1st percentile average in years pre and post AWS			
													Av #	Av C	Av #	Av C	Av #	Av C		
1910	45	222.1	4.9	1910	32	142.8	4.5	1910	7	20.9	3.0									
1911	53	268.6	5.1	1911	28	114.5	4.1	1911	8	21.5	2.7									
1912	50	265.0	5.3	1912	28	130.2	4.7	1912	2	6.1	3.1									
1913	63	314.5	5.0	1913	41	175.7	4.3	1913	9	23.0	2.6									
1914	54	251.3	4.7	1914	35	133.4	3.8	1914	12	29.0	2.4									
1915	42	219.7	5.2	1915	22	92.7	4.2	1915	6	17.3	2.9									
1916	57	283.0	5.0	1916	35	147.0	4.2	1916	8	22.9	2.9									
1917	61	305.1	5.0	1917	37	157.1	4.2	1917	10	26.1	2.6									
1918	52	265.6	5.1	1918	31	137.2	4.4	1918	6	17.1	2.9									
1919	52	267.7	5.1	1919	28	117.8	4.2	1919	7	21.1	3.0									
1920	53	281.7	5.3	1920	27	121.7	4.5	1920	4	12.1	3.0									
1921	30	177.5	5.9	1921	12	62.4	5.2	1921	0	0.0										
1922	59	299.1	5.1	1922	34	141.0	4.1	1922	9	21.7	2.4									
1923	57	294.5	5.2	1923	35	151.9	4.3	1923	8	16.7	2.1									
1924	79	404.9	5.1	1924	51	226.9	4.4	1924	12	34.8	2.9									
1925	63	331.3	5.3	1925	32	134.4	4.2	1925	10	26.6	2.7									
1926	59	317.0	5.4	1926	28	115.9	4.1	1926	10	26.6	2.7									
1927	54	272.9	5.1	1927	37	163.4	4.4	1927	7	19.4	2.8									
1928	59	317.5	5.4	1928	35	162.9	4.7	1928	4	12.1	3.0									
1929	61	297.1	4.9	1929	39	159.1	4.1	1929	9	22.5	2.5									
1930	42	221.5	5.3	1930	20	82.7	4.1	1930	4	11.7	2.9									
1931	55	271.2	4.9	1931	32	129.6	4.1	1931	9	20.7	2.3									
1932	52	265.2	5.1	1932	33	150.5	4.6	1932	4	9.7	2.4									
1933	48	232.9	4.9	1933	27	102.5	3.8	1933	9	17.4	1.9									
1934	41	209.9	5.1	1934	24	104.6	4.4	1934	3	7.5	2.5									
1935	55	276.1	5.0	1935	39	176.4	4.5	1935	4	8.7	2.2									
1936	61	299.9	4.9	1936	34	135.3	4.0	1936	8	14.2	1.8									
1937	52	268.7	5.2	1937	28	118.5	4.2	1937	6	17.1	2.9									
1938	48	251.7	5.2	1938	31	143.7	4.6	1938	3	9.3	3.1									
1939	49	252.4	5.2	1939	30	129.5	4.3	1939	5	11.8	2.4									
1940	54	279.4	5.2	1940	30	126.0	4.2	1940	9	25.5	2.8									
1941	54	268.5	5.0	1941	32	130.0	4.1	1941	8	17.1	2.1									
1942	65	318.6	4.9	1942	43	181.7	4.2	1942	10	23.2	2.3									
1943	67	335.5	5.0	1943	45	197.3	4.4	1943	9	22.7	2.5									
1944	41	202.3	4.9	1944	22	83.2	3.8	1944	9	23.0	2.6									
1945	40	215.7	5.4	1945	18	78.1	4.3	1945	2	4.6	2.3									
1946	48	236.9	4.9	1946	34	149.3	4.4	1946	7	16.6	2.4									
1947	46	236.4	5.1	1947	24	100.2	4.2	1947	4	11.0	2.8									
1948	62	326.6	5.3	1948	30	126.2	4.2	1948	7	17.0	2.4									
1949	52	247.5	4.8	1949	40	172.1	4.3	1949	9	23.6	2.6									
1950	59	303.9	5.2	1950	30	125.8	4.2	1950	7	15.1	2.2									
1951	52	262.6	5.1	1951	31	131.9	4.3	1951	8	22.0	2.8									
1952	76	384.0	5.1	1952	46	196.1	4.3	1952	10	26.0	2.6									
1953	56	306.0	5.5	1953	25	109.7	4.4	1953	5	14.4	2.9									
1954	67	352.5	5.3	1954	36	155.6	4.3	1954	8	20.0	2.5									
1955	57	288.6	5.1	1955	40	179.6	4.5	1955	7	18.4	2.6									
1956	85	420.3	4.9	1956	55	228.1	4.1	1956	13	27.1	2.1									
1957	50	262.8	5.3	1957	31	143.3	4.6	1957	6	18.8	3.1									
1958	55	284.8	5.2	1958	35	156.8	4.5	1958	5	12.2	2.4									
1959	44	235.1	5.3	1959	28	132.1	4.7	1959	3	9.4	3.1									
1960	67	336.4	5.0	1960	43	184.8	4.3	1960	12	33.8	2.8									
1961	44	223.8	5.1	1961	26	108.6	4.2	1961	9	25.9	2.9									
1962	39	200.4	5.1	1962	26	116.9	4.5	1962	4	8.9	2.2									
1963	34	189.9	5.6	1963	14	65.0	4.6	1963	2	6.1	3.1									
1964	50	279.7	5.6	1964	23	108.6	4.7	1964	3	9.0	3.0									
1965	37	205.5	5.6	1965	18	85.1	4.7	1965	2	6.5	3.3									
1966	46	223.4	4.9	1966	29	118.0	4.1	1966	7	18.8	2.7									
1967	35	195.6	5.6	1967	19	91.7	4.8	1967	0	0.0										
1968	62	327.7	5.3	1968	39	182.3	4.7	1968	3	8.0	2.7									
1969	28	151.6	5.4	1969	13	59.6	4.6	1969	1	3.2	3.2									
1970	37	198.6	5.4	1970	17	74.4	4.4	1970	2	5.6	2.8									
1971	30	162.3	5.4	1971	16	73.7	4.6	1971	2	5.5	2.8									
1972	33	185.0	5.6	1972	14	66.7	4.8	1972	1	2.9	2.9									
1973	35	201.6	5.8	1973	17	87.0	5.1	1973	0	0.0										
1974	24	128.7	5.4	1974	11	48.2	4.4	1974	1	2.2	2.2									
1975	29	174.0	6.0	1975	9	44.8	5.0	1975	0	0.0		20 years	24.9	5.8	20 years	9.5	4.9	20 years	0.3	2.8
1976	23	135.8	5.9	1976	6	28.5	4.8	1976	0	0.0		19 years	25.0	5.8	19 years	9.7	4.9	19 years	0.3	2.8
1977	30	170.2	5.7	1977	12	57.0	4.8	1977	0	0.0		18 years	24.7	5.8	18 years	9.6	4.9	18 years	0.3	2.8
1978	23	130.9	5.7	1978	9	44.3	4.9	1978	0	0.0		17 years	24.8	5.8	17 years	9.6	4.9	17 years	0.4	2.8
1979	18	109.4	6.1	1979	5	26.7	5.3	1979	0	0.0		16 years	25.3	5.7	16 years	9.9	4.9	16 years	0.4	2.8
1980	26	146.9	5.7	1980	13	66.3	5.1	1980	0	0.0		15 years	25.2	5.8	15 years	9.7	4.9	15 years	0.4	2.8
1981	23	134.2	5.8	1981	10	50.9	5.1	1981	0	0.0		14 years	25.4	5.7	14 years	9.6	4.9	14 years	0.4	2.8
1982	36	194.4	5.4	1982	19	88.7	4.7	1982	3	8.6	2.9	13 years	24.5	5.8	13 years	8.9	4.9	13 years	0.2	2.7
1983	13	74.3	5.7	1983	3	12.6	4.2	1983	1	2.6	2.6	12 years	25.5	5.8	12 years	9.4	5.0	12 years	0.2	2.8
1984	22	128.1	5.8	1984	7	34.2	4.9	1984	0	0.0		11 years	25.8	5.8	11 years	9.6	5.0	11 years	0.2	2.8
1985	22	130.3	5.9	1985	7	36.9	5.3	1985	0	0.0		10 years	26.2	5.8	10 years	9.9	5.0	10 years	0.2	2.8
1986	29	158.2	5.5	1986	17	83.2	4.9	1986	0	0.0		9 years	25.9	5.8	9 years	9.1	5.0	9 years	0.2	2.8
1987	33	190.9	5.8	1987	11	54.0	4.9	1987	0	0.0		8 years	25.0	5.8	8 years	8.9	5.0	8 years	0.3	2.8
1988	26	145.1	5.6	1988	12	57.8	4.8	1988	1	2.7	2.7	7 years	24.9	5.8	7 years	8.4	5.0	7 years	0.1	2.9
1989	22	133.9	6.1	1989	3	15.4	5.1	1989	0	0.0		6 years	25.3	5.8	6 years	9.3	5.0	6 years	0.2	2.9
1990	27	153.5	5.7	1990	11	54.0	4.9	1990	0	0.0		5 years	25.0	5.8	5 years	9.0	5.0	5 years	0.2	2.9
1991	14	82.8	5.9	1991	5	27.0	5.4	1991	0	0.0		4 years	27.8	5.8	4 years	10.0	4.9	4 years	0.3	2.9
1992	29	165.9	5.7	1992	12	60.7	5.1	1992	0	0.0		3 years	27.3	5.8	3 years	9.3	4.8	3 years	0.3	2.9
1993	37	212.0	5.7	1993	18	93.6	5.2	1993	0	0.0		2 years	22.5	5.8	2 years	5.0				



10th 6.0	Annual # days below 10th percentile	Annual total C in days below 10th percentile	Annual average C in days below 10th percentile	5th 4.7	Annual # days below 5th percentile	Annual total C in days below 5th percentile	Annual average C in days below 5th percentile	1st 2.8	Annual # days below 1st percentile	Annual total C in days below 1st percentile	Annual average C in days below 1st percentile	Pre and post cumulative averages	AWS 10th percentile average in years pre and post AWS	Pre and post cumulative averages	AWS 5th percentile average in years pre and post AWS	Pre and post cumulative averages	AWS 1st percentile average in years pre and post AWS			
													Av # Av C		Av # Av C		Av # Av C			
1914	28	134.4	4.8	1914	11	40.7	3.7	1914	1	2.2	2.2									
1915	32	154.5	4.8	1915	11	42.3	3.8	1915	1	1.8	1.8									
1916	33	142.3	4.3	1916	19	67.4	3.5	1916	3	5.6	1.9									
1917	41	174.0	4.2	1917	25	87.2	3.5	1917	5	7.6	1.5									
1918	22	101.0	4.6	1918	12	45.5	3.8	1918	1	0.6	0.6									
1919	29	123.2	4.2	1919	16	54.8	3.4	1919	4	7.5	1.9									
1920	36	146.1	4.1	1920	27	97.1	3.6	1920	5	8.9	1.8									
1921	29	137.3	4.7	1921	14	54.4	3.9	1921	3	7.5	2.5									
1922	48	217.0	4.5	1922	26	97.1	3.7	1922	4	8.7	2.2									
1923	43	192.8	4.5	1923	22	79.5	3.6	1923	5	9.9	2.0									
1924	42	183.0	4.4	1924	25	89.9	3.6	1924	6	14.5	2.4									
1925	42	193.3	4.6	1925	21	79.8	3.8	1925	1	1.8	1.8									
1926	37	168.7	4.6	1926	19	69.8	3.7	1926	4	9.1	2.3									
1927	1	5.8	5.8	1927	0	0.0		1927	0	0.0										
1928	0	0.0		1928	0	0.0		1928	0	0.0										
1929	0	0.0		1929	0	0.0		1929	0	0.0										
1930	23	101.1	4.4	1930	11	39.3	3.6	1930	2	2.8	1.4									
1931	51	214.5	4.2	1931	23	68.5	3.0	1931	9	15.6	1.7									
1932	42	173.5	4.1	1932	27	93.7	3.5	1932	7	16.8	2.4									
1933	43	174.2	4.1	1933	29	98.2	3.4	1933	8	11.8	1.5									
1934	40	167.4	4.2	1934	23	74.6	3.2	1934	8	14.5	1.8									
1935	48	196.9	4.1	1935	30	102.7	3.4	1935	7	10.0	1.4									
1936	35	146.0	4.2	1936	21	73.0	3.5	1936	4	5.1	1.3									
1937	38	180.4	4.7	1937	18	71.3	4.0	1937	2	4.5	2.3									
1938	31	143.4	4.6	1938	14	53.6	3.8	1938	4	11.2	2.8									
1939	30	131.1	4.4	1939	16	57.5	3.6	1939	5	12.8	2.6									
1940	40	177.6	4.4	1940	19	66.6	3.5	1940	5	11.7	2.3									
1941	24	114.1	4.8	1941	11	43.1	3.9	1941	2	5.0	2.5									
1942	26	112.5	4.3	1942	16	60.1	3.8	1942	3	5.0	1.7									
1943	36	161.0	4.5	1943	18	64.4	3.6	1943	5	11.0	2.2									
1944	26	129.7	5.0	1944	10	41.3	4.1	1944	0	0.0										
1945	25	111.4	4.5	1945	10	31.6	3.2	1945	4	9.5	2.4									
1946	14	62.1	4.4	1946	8	30.9	3.9	1946	0	0.0										
1947	27	124.4	4.6	1947	13	50.8	3.9	1947	2	5.0	2.5									
1948	35	149.4	4.3	1948	21	74.6	3.6	1948	3	6.7	2.2									
1949	33	150.2	4.6	1949	19	74.0	3.9	1949	2	5.0	2.5									
1950	47	198.2	4.2	1950	23	69.4	3.0	1950	9	11.6	1.3									
1951	43	183.3	4.3	1951	24	82.3	3.4	1951	7	15.0	2.1									
1952	39	153.8	3.9	1952	23	70.8	3.1	1952	8	11.8	1.5									
1953	27	128.5	4.8	1953	10	37.5	3.8	1953	1	2.2	2.2									
1954	32	141.6	4.4	1954	13	43.0	3.3	1954	4	7.2	1.8									
1955	8	32.7	4.1	1955	6	22.1	3.7	1955	2	5.6	2.8									
1956	39	163.1	4.2	1956	21	65.3	3.1	1956	8	17.3	2.2									
1957	25	101.2	4.0	1957	14	42.6	3.0	1957	6	10.1	1.7									
1958	58	225.7	3.9	1958	41	137.1	3.3	1958	12	18.9	1.6									
1959	39	167.0	4.3	1959	23	82.2	3.6	1959	6	12.8	2.1									
1960	50	199.1	4.0	1960	34	114.3	3.4	1960	12	25.6	2.1									
1961	27	112.2	4.2	1961	17	59.8	3.5	1961	6	15.1	2.5									
1962	21	90.6	4.3	1962	10	32.6	3.3	1962	2	3.3	1.7									
1963	32	142.4	4.5	1963	14	47.0	3.4	1963	5	11.6	2.3									
1964	8	40.2	5.0	1964	2	7.8	3.9	1964	0	0.0										
1965	30	137.4	4.6	1965	14	50.2	3.6	1965	3	7.8	2.6									
1966	16	68.9	4.3	1966	12	47.1	3.9	1966	0	0.0										
1967	37	179.6	4.9	1967	9	31.2	3.5	1967	1	0.8	0.8									
1968	38	168.6	4.4	1968	22	81.7	3.7	1968	4	10.0	2.5									
1969	22	98.7	4.5	1969	11	39.8	3.6	1969	3	7.2	2.4									
1970	31	140.1	4.5	1970	19	75.5	4.0	1970	1	2.8	2.8									
1971	38	182.8	4.8	1971	18	75.2	4.2	1971	1	2.8	2.8									
1972	21	108.5	5.2	1972	5	20.4	4.1	1972	0	0.0										
1973	36	177.3	4.9	1973	13	51.5	4.0	1973	1	2.6	2.6									
1974	28	135.5	4.8	1974	12	45.2	3.8	1974	3	6.9	2.3									
1975	0	0.0		1975	0	0.0		1975	0	0.0										
1976	1	5.5	5.5	1976	0	0.0		1976	0	0.0		20 years	38.6	4.8	20 years	15.4	3.7	20 years	2.4	1.9
1977	60	263.4	4.4	1977	31	102.1	3.3	1977	9	12.7	1.4	19 years	40.6	4.8	19 years	16.2	3.7	19 years	2.5	1.9
1978	37	183.9	5.0	1978	12	46.0	3.8	1978	3	8.1	2.7	18 years	39.5	4.8	18 years	15.3	3.7	18 years	2.1	1.9
1979	59	292.2	5.0	1979	22	87.8	4.0	1979	1	2.0	2.0	17 years	39.6	4.8	17 years	15.5	3.7	17 years	2.1	1.8
1980	38	189.3	5.0	1980	13	51.8	4.0	1980	1	2.5	2.5	16 years	38.4	4.8	16 years	15.1	3.7	16 years	2.1	1.8
1981	59	287.8	4.9	1981	24	95.7	4.0	1981	0	0.0		15 years	38.5	4.8	15 years	15.3	3.7	15 years	2.2	1.8
1982	32	163.0	5.1	1982	10	39.0	3.9	1982	0	0.0		14 years	37.0	4.7	14 years	14.6	3.7	14 years	2.4	1.8
1983	34	139.2	4.1	1983	19	56.5	3.0	1983	8	15.1	1.9	13 years	37.4	4.7	13 years	15.0	3.7	13 years	2.5	1.8
1984	30	149.4	5.0	1984	8	28.8	3.6	1984	1	1.4	1.4	12 years	37.7	4.8	12 years	14.7	3.7	12 years	2.1	1.7
1985	31	150.8	4.9	1985	12	45.8	3.8	1985	0	0.0		11 years	38.4	4.8	11 years	15.3	3.7	11 years	2.2	1.8
1986	38	186.8	4.9	1986	14	56.8	4.1	1986	1	2.5	2.5	10 years	39.1	4.7	10 years	15.6	3.7	10 years	2.4	1.8
1987	45	212.7	4.7	1987	19	71.5	3.8	1987	3	7.3	2.4	9 years	39.2	4.7	9 years	15.8	3.7	9 years	2.6	1.7
1988	33	159.1	4.8	1988	11	40.4	3.7	1988	1	1.2	1.2	8 years	38.5	4.7	8 years	15.4	3.7	8 years	2.5	1.6
1989	48	225.5	4.7	1989	21	77.1	3.7	1989	5	9.4	1.9	7 years	39.3	4.7	7 years	16.0	3.7	7 years	2.7	1.7
1990	44	192.6	4.4	1990	21	67.2	3.2	1990	5	8.0	1.6	6 years	37.8	4.7	6 years	15.2	3.7	6 years	2.3	1.6
1991	37	175.7	4.7	1991	17	65.8	3.9	1991	1	1.8	1.8	5 years	36.6	4.8	5 years	14.0	3.7	5 years	1.8	1.6
1992	36	172.6	4.8	1992	15	60.3	4.0	1992	1	0.7	0.7	4 years	36.5	4.8	4 years	13.3	3.7	4 years	2.0	1.6
1993	44	209.7	4.8	1993	15	50.9	3.4	1993	2	3.5	1.8	3 years	36.7	4.8	3 years	12.7	3.6	3 years	2.3	1.9
1994	40	194.8	4.9	1994	12	46.2	3.9	1994	1	1.5	1.5	2 years	33.0	4.8	2 years	11.5	3.7	2 years	2.5	2.0
1995	26	122.9	4.7	1995	11	39.6	3.6	1995	4	9.9	2.5	1 years	26.0	4.7	1 years	11.0	3.6	1 years	4.0	2.5
1996	32	150.1	4.7	1996	15	54.1	3.6	1996	4	8.6	2.2	0 years	32.0	4.7	0 years	15.0	3.6	0 years	4.0	2.2
1997	42	167.6	4.0	1997	31	107.4	3.5	1997	10	24.5	2.5	1 years	42.0	4.0	1 years	31.0	3.5	1 years	10.0	2.5
1998	25	111.6	4.5	1998	13	45.6	3.5	1998	3	6.2	2.1	2 years	33.5	4.2	2 years	22.0	3.5	2 years	6.5	2.3
1999	37	188.7	5.1	1999	7	27.4	3.9	1999	0	0.0		3 years	34.7	4.5	3 years	17.0				



10th 3.4	Annual # days below 10th percentile	Annual total C in days below 10th percentile	Annual average C in days below 10th percentile	5th 2.1	Annual # days below 5th percentile	Annual total C in days below 5th percentile	Annual average C in days below 5th percentile	1st 2.8	Annual # days below 1st percentile	Annual total C in days below 1st percentile	Annual average C in days below 1st percentile	Pre and post cumulative averages	AWS 10th percentile average in years pre and post AWS	Pre and post cumulative averages	AWS 5th percentile average in years pre and post AWS	Pre and post cumulative averages	AWS 1st percentile average in years pre and post AWS				
													Av #	Av C		Av #	Av C		Av #	Av C	
1947	35	77.1	2.2	1947	15	20.0	1.3	1947	1	-0.4	-0.4										
1948	54	94.5	1.8	1948	29	26.2	0.9	1948	6	-2.2	-0.4										
1949	43	84.3	2.0	1949	20	19.4	1.0	1949	5	-2.2	-0.4										
1950	58	79.0	1.4	1950	36	16.0	0.4	1950	14	-12.8	-0.9										
1951	41	92.2	2.2	1951	16	23.4	1.5	1951	0	0.0	0.0										
1952	59	102.9	1.7	1952	36	36.2	1.0	1952	6	-3.5	-0.6										
1953	41	87.2	2.1	1953	19	24.4	1.3	1953	1	-0.2	-0.2										
1954	41	82.4	2.0	1954	20	20.1	1.0	1954	3	-2.0	-0.7										
1955	22	46.7	2.1	1955	10	15.0	1.5	1955	0	0.0	0.0										
1956	49	72.0	1.5	1956	29	13.8	0.5	1956	9	-10.5	-1.2										
1957	48	73.2	1.5	1957	29	19.3	0.7	1957	7	-2.9	-0.4										
1958	40	84.2	2.1	1958	16	17.1	1.1	1958	4	-2.9	-0.7										
1959	40	73.5	1.8	1959	22	22.2	1.0	1959	3	-0.5	-0.2										
1960	66	101.1	1.5	1960	40	29.5	0.7	1960	12	-5.0	-0.4										
1961	45	56.3	1.3	1961	28	5.1	0.2	1961	10	-15.7	-1.6										
1962	28	56.5	2.0	1962	11	8.0	0.7	1962	3	-2.0	-0.7										
1963	37	69.2	1.9	1963	20	20.6	1.0	1963	4	-3.9	-1.0										
1964	32	63.2	2.0	1964	16	15.9	1.0	1964	4	-2.6	-0.7										
1965	29	58.6	2.0	1965	17	21.9	1.3	1965	2	-0.2	-0.1										
1966	32	51.9	1.6	1966	18	15.9	0.9	1966	5	-2.6	-0.5										
1967	67	83.5	1.2	1967	48	29.4	0.6	1967	11	-13.1	-1.2										
1968	70	84.5	1.2	1968	44	11.6	0.3	1968	19	-16.7	-0.9										
1969	43	59.2	1.4	1969	27	13.6	0.5	1969	10	-9.3	-0.9										
1970	67	100.9	1.5	1970	37	13.4	0.4	1970	16	-15.1	-0.9										
1971	52	91.7	1.8	1971	30	26.9	0.9	1971	9	-4.3	-0.5										
1972	39	79.7	2.0	1972	18	19.7	1.1	1972	2	-0.1	-0.1										
1973	42	83.5	2.0	1973	18	14.8	0.8	1973	5	-0.8	-0.2										
1974	48	97.6	2.0	1974	19	14.8	0.8	1974	5	-5.3	-1.1										
1975	40	77.7	1.9	1975	19	19.5	1.0	1975	2	-2.6	-1.3										
1976	46	61.7	1.3	1976	27	6.7	0.2	1976	11	-16.2	-1.5	20 years	32.9	2.0	20 years	15.8	1.2	20 years	2.3	-0.6	
1977	36	78.0	2.2	1977	17	20.3	1.2	1977	2	-0.4	-0.2	19 years	32.2	2.1	19 years	15.2	1.2	19 years	1.8	-0.5	
1978	24	54.1	2.3	1978	8	10.9	1.4	1978	0	0.0	0.0	18 years	31.9	2.1	18 years	15.1	1.2	18 years	1.8	-0.6	
1979	45	103.3	2.3	1979	15	20.7	1.4	1979	0	0.0	0.0	17 years	32.4	2.0	17 years	15.5	1.2	17 years	1.9	-0.6	
1980	19	44.6	2.3	1980	8	14.0	1.8	1980	0	0.0	0.0	16 years	31.6	2.0	16 years	15.5	1.2	16 years	2.0	-0.6	
1981	43	94.3	2.2	1981	14	13.5	1.0	1981	4	-1.7	-0.4	15 years	32.5	2.0	15 years	16.0	1.2	15 years	2.1	-0.6	
1982	46	71.2	1.5	1982	29	25.4	0.9	1982	8	-1.1	-0.1	14 years	31.7	2.0	14 years	16.1	1.2	14 years	2.0	-0.6	
1983	28	37.0	1.3	1983	17	4.9	0.3	1983	4	-4.6	-1.2	13 years	30.6	2.0	13 years	15.2	1.2	13 years	1.5	-0.6	
1984	34	74.3	2.2	1984	13	14.7	1.1	1984	2	-1.0	-0.5	12 years	30.8	2.1	12 years	15.0	1.3	12 years	1.3	-0.6	
1985	22	40.5	1.8	1985	11	10.0	0.9	1985	2	-0.8	-0.4	11 years	30.5	2.1	11 years	15.2	1.3	11 years	1.3	-0.6	
1986	32	71.8	2.2	1986	14	22.1	1.6	1986	0	0.0	0.0	10 years	31.4	2.1	10 years	15.6	1.3	10 years	1.2	-0.6	
1987	48	81.6	1.7	1987	32	34.5	1.1	1987	3	-2.0	-0.7	9 years	31.3	2.1	9 years	15.8	1.3	9 years	1.3	-0.6	
1988	33	57.2	1.7	1988	19	16.7	0.9	1988	3	-3.9	-1.3	8 years	29.3	2.1	8 years	13.8	1.3	8 years	1.1	-0.6	
1989	42	83.5	2.0	1989	20	22.3	1.1	1989	1	-0.5	-0.5	7 years	28.7	2.2	7 years	13.0	1.4	7 years	0.9	-0.4	
1990	26	53.4	2.1	1990	14	18.4	1.3	1990	1	-0.1	-0.1	6 years	26.5	2.2	6 years	11.8	1.4	6 years	0.8	-0.4	
1991	14	38.2	2.7	1991	2	3.6	1.8	1991	0	0.0	0.0	5 years	26.6	2.3	5 years	11.4	1.5	5 years	0.8	-0.5	
1992	29	63.6	2.2	1992	13	17.0	1.3	1992	1	-0.1	-0.1	4 years	29.8	2.2	4 years	13.8	1.4	4 years	1.0	-0.5	
1993	27	59.8	2.2	1993	11	15.4	1.4	1993	1	-1.0	-1.0	3 years	30.0	2.1	3 years	14.0	1.4	3 years	1.0	-0.8	
1994	37	82.1	2.2	1994	15	21.6	1.4	1994	0	0.0	0.0	2 years	31.5	2.1	2 years	15.5	1.4	2 years	1.0	-0.5	
1995	26	52.0	2.0	1995	16	22.0	1.4	1995	2	-1.0	-0.5	1 years	26.0	2.0	1 years	16.0	1.4	1 years	2.0	-0.5	
1996	15	32.0	2.1	1996	9	14.0	1.6	1996	1	0.0	0.0	0 years	15.0	2.1	0 years	9.0	1.6	0 years	1.0	0.0	
1997	34	47.9	1.4	1997	22	13.7	0.6	1997	7	-6.5	-0.9	1 years	34.0	1.4	1 years	22.0	0.6	1 years	7.0	-0.9	
1998	25	53.6	2.1	1998	12	14.9	1.2	1998	1	0.0	0.0	2 years	29.5	1.8	2 years	17.0	0.9	2 years	4.0	-0.5	
1999	26	53.7	2.1	1999	13	16.5	1.3	1999	1	-0.2	-0.2	3 years	28.3	1.9	3 years	15.7	1.0	3 years	3.0	-0.4	
2000	31	50.4	1.6	2000	19	15.3	0.8	2000	4	-2.3	-0.6	4 years	29.0	1.8	4 years	16.5	1.0	4 years	3.3	-0.4	
2001	27	61.8	2.3	2001	11	16.7	1.5	2001	0	0.0	0.0	5 years	28.6	1.9	5 years	15.4	1.1	5 years	2.6	-0.4	
2002	33	70.8	2.1	2002	12	13.2	1.1	2002	1	-1.0	-1.0	6 years	29.3	1.9	6 years	14.8	1.1	6 years	2.3	-0.5	
2003	21	51.6	2.5	2003	5	5.4	1.1	2003	0	0.0	0.0	7 years	28.1	2.0	7 years	13.4	1.1	7 years	2.0	-0.5	
2004	29	50.1	1.7	2004	13	6.0	0.5	2004	5	-5.4	-1.1	8 years	28.3	2.0	8 years	13.4	1.0	8 years	2.4	-0.6	
2005	26	56.1	2.2	2005	13	17.4	1.3	2005	0	0.0	0.0	9 years	28.0	2.0	9 years	13.3	1.0	9 years	2.1	-0.6	
2006	37	49.8	1.3	2006	19	1.5	0.1	2006	11	-7.5	-0.7	10 years	28.9	1.9	10 years	13.9	1.0	10 years	3.0	-0.6	
2007	43	85.6	2.0	2007	21	23.1	1.1	2007	2	-0.5	-0.3	11 years	30.2	1.9	11 years	14.5	1.0	11 years	2.9	-0.6	
2008	35	66.3	1.9	2008	20	22.4	1.1	2008	1	0.0	0.0	12 years	30.6	1.9	12 years	15.0	1.0	12 years	2.8	-0.5	
2009	18	50.6	2.8	2009	2	3.0	1.5	2009	0	0.0	0.0	13 years	29.6	2.0	13 years	14.0	1.0	13 years	2.5	-0.5	
2010	35	75.5	2.2	2010	13	13.8	1.1	2010	1	0.0	0.0	14 years	30.0	2.0	14 years	13.9	1.0	14 years	2.4	-0.5	
2011	18	48.0	2.7	2011	2	2.6	1.3	2011	0	0.0	0.0	15 years	29.2	2.1	15 years	13.1	1.0	15 years	2.3	-0.5	
2012	51	73.5	1.4	2012	34	24.5	0.7	2012	11	-4.7	-0.4	16 years	30.6	2.0	16 years	14.4	1.0	16 years	2.8	-0.5	
2013	17	35.8	2.1	2013	7	7.4	1.1	2013	0	0.0	0.0	17 years	29.8	2.0	17 years	14.0	1.0	17 years	2.6	-0.5	
2014	25	42.3	1.7	2014	18	22.4	1.2	2014	3	-0.2	-0.1	18 years	29.5	2.0	18 years	14.2	1.0	18 years	2.7	-0.4	
2015	30	60.4	2.0	2015	16	20.4	1.3	2015	2	-0.2	-0.1	19 years	29.5	2.0	19 years	14.3	1.0	19 years	2.6	-0.4	
2016	39	87.1	2.2	2016	16	19.8	1.2	2016	2	-1.1	-0.6	20 years	30.0	2.0	20 years	14.4	1.1	20 years	2.6	-0.4	
2017	38	61.7	1.6	2017	20	12.2	0.6	2017	7	-4.6	-0.7										
2018	37	72.0	1.9	2018	19	20.0	1.1	2018	3	-0.5	-0.2										
2019	47	81.8	1.7	2019	25	21.7	0.9	2019	5	-3.											



10th 7.9	Annual # days below 10th percentile	Annual total C in days below 10th percentile	Annual average C in days below 10th percentile	5th 7.2	Annual # days below 5th percentile	Annual total C in days below 5th percentile	Annual average C in days below 5th percentile	1st 2.8	Annual # days below 1st percentile	Annual total C in days below 1st percentile	Annual average C in days below 1st percentile	Pre and post cumulative averages	AWS 10th percentile average in years pre and post AWS	Pre and post cumulative averages	AWS 5th percentile average in years pre and post AWS	Pre and post cumulative averages	AWS 1st percentile average in years pre and post AWS
													Av # Av C		Av # Av C		Av # Av C
1910	41	292.4	7.1	1910	24	159.8	6.7	1910	2	7.8	3.9						
1911	80	531.8	6.6	1911	60	375.8	6.3	1911	17	81.2	4.8						
1912	29	206.8	7.1	1912	20	136.6	6.8	1912	3	16.2	5.4						
1913	41	289.1	7.1	1913	32	218.9	6.8	1913	5	28.0	5.6						
1914	33	223.8	6.8	1914	28	184.8	6.6	1914	6	30.6	5.1						
1915	38	271.8	7.2	1915	27	186.0	6.9	1915	2	11.2	5.6						
1916	24	173.6	7.2	1916	12	80.0	6.7	1916	3	16.2	5.4						
1917	54	382.3	7.1	1917	39	265.3	6.8	1917	2	10.6	5.3						
1918	41	286.4	7.0	1918	26	169.4	6.5	1918	3	15.0	5.0						
1919	36	251.1	7.0	1919	24	157.8	6.6	1919	3	13.7	4.6						
1920	31	223.9	7.2	1920	17	116.3	6.8	1920	1	4.7	4.7						
1921	32	220.8	6.9	1921	20	127.7	6.4	1921	3	14.4	4.8						
1922	22	155.0	7.0	1922	12	77.0	6.4	1922	3	14.7	4.9						
1923	24	176.0	7.3	1923	14	98.3	7.0	1923	0	0.0							
1924	29	200.6	6.9	1924	21	138.9	6.6	1924	2	10.6	5.3						
1925	43	296.9	6.9	1925	29	190.2	6.6	1925	3	16.8	5.6						
1926	29	201.3	6.9	1926	16	101.5	6.3	1926	4	20.9	5.2						
1927	66	457.1	6.9	1927	46	303.4	6.6	1927	3	14.8	4.9						
1928	32	227.9	7.1	1928	14	90.5	6.5	1928	3	16.8	5.6						
1929	66	433.7	6.6	1929	48	295.3	6.2	1929	14	71.0	5.1						
1930	31	214.9	6.9	1930	17	107.1	6.3	1930	5	24.2	4.8						
1931	37	260.8	7.0	1931	27	182.9	6.8	1931	1	5.0	5.0						
1932	39	259.7	6.7	1932	25	151.3	6.1	1932	9	41.5	4.6						
1933	40	276.6	6.9	1933	29	191.5	6.6	1933	3	15.1	5.0						
1934	33	231.5	7.0	1934	22	147.4	6.7	1934	1	5.6	5.6						
1935	43	295.4	6.9	1935	30	194.4	6.5	1935	5	25.7	5.1						
1936	63	431.8	6.9	1936	44	285.0	6.5	1936	8	41.5	5.2						
1937	43	293.0	6.8	1937	29	184.7	6.4	1937	7	34.7	5.0						
1938	48	320.7	6.7	1938	35	219.9	6.3	1938	8	39.0	4.9						
1939	56	383.7	6.9	1939	38	243.3	6.4	1939	8	39.5	4.9						
1940	28	197.2	7.0	1940	16	104.0	6.5	1940	3	15.6	5.2						
1941	41	291.3	7.1	1941	23	152.1	6.6	1941	4	20.4	5.1						
1942	22	156.8	7.1	1942	14	94.4	6.7	1942	1	5.6	5.6						
1943	91	575.9	6.3	1943	69	404.3	5.9	1943	29	134.7	4.6						
1944	60	376.9	6.3	1944	45	259.9	5.8	1944	22	109.2	5.0						
1945	52	348.7	6.7	1945	41	262.9	6.4	1945	6	30.1	5.0						
1946	60	410.5	6.8	1946	41	262.3	6.4	1946	10	52.1	5.2						
1947	36	252.7	7.0	1947	26	174.7	6.7	1947	3	16.8	5.6						
1948	35	240.0	6.9	1948	24	154.2	6.4	1948	6	32.4	5.4						
1949	63	428.6	6.8	1949	50	327.2	6.5	1949	11	57.7	5.2						
1950	12	79.5	6.6	1950	7	40.5	5.8	1950	3	11.7	3.9						
1951	22	150.6	6.8	1951	14	88.2	6.3	1951	3	14.4	4.8						
1952	23	159.8	6.9	1952	15	97.4	6.5	1952	3	16.8	5.6						
1953	27	200.9	7.4	1953	10	68.3	6.8	1953	1	5.6	5.6						
1954	22	163.0	7.4	1954	11	77.2	7.0	1954	0	0.0							
1955	40	260.9	6.5	1955	34	214.1	6.3	1955	9	45.7	5.1						
1956	57	389.2	6.8	1956	43	280.0	6.5	1956	8	41.2	5.2						
1957	54	378.0	7.0	1957	30	190.8	6.4	1957	9	48.6	5.4						
1958	36	245.5	6.8	1958	23	144.1	6.3	1958	9	48.0	5.3						
1959	48	340.3	7.1	1959	27	176.5	6.5	1959	5	23.9	4.8						
1960	36	253.5	7.0	1960	24	159.9	6.7	1960	5	27.4	5.5						
1961	30	199.9	6.7	1961	18	106.3	5.9	1961	8	38.5	4.8						
1962	40	260.8	6.5	1962	29	175.6	6.1	1962	11	52.8	4.8						
1963	31	221.1	7.1	1963	15	98.1	6.5	1963	2	11.2	5.6						
1964	35	240.7	6.9	1964	23	147.4	6.4	1964	5	24.5	4.9						
1965	32	228.1	7.1	1965	15	95.8	6.4	1965	2	10.3	5.2						
1966	45	313.3	7.0	1966	30	196.9	6.6	1966	5	26.2	5.2						
1967	36	252.7	7.0	1967	19	121.1	6.4	1967	3	14.3	4.8						
1968	42	297.7	7.1	1968	22	145.3	6.6	1968	4	22.2	5.6						
1969	30	204.8	6.8	1969	15	91.3	6.1	1969	4	17.7	4.4						
1970	46	319.0	6.9	1970	30	194.1	6.5	1970	6	33.0	5.5						
1971	45	320.8	7.1	1971	33	227.7	6.9	1971	2	11.2	5.6						
1972	21	152.3	7.3	1972	11	75.2	6.8	1972	1	5.6	5.6						
1973	12	81.7	6.8	1973	8	51.7	6.5	1973	1	5.0	5.0						
1974	20	140.9	7.0	1974	9	57.7	6.4	1974	1	5.6	5.6						
1975	18	128.3	7.1	1975	9	60.8	6.8	1975	0	0.0							
1976	22	158.5	7.2	1976	10	68.0	6.8	1976	0	0.0							
1977	35	241.2	6.9	1977	23	150.7	6.6	1977	1	5.5	5.5						
1978	32	208.6	6.5	1978	25	154.7	6.2	1978	4	18.7	4.7						
1979	26	189.1	7.3	1979	11	75.3	6.8	1979	0	0.0							
1980	14	102.2	7.3	1980	6	41.7	7.0	1980	0	0.0		20 years	35.1 6.8	20 years	23.6 6.4	20 years	4.1 4.9
1981	36	232.6	6.5	1981	28	171.9	6.1	1981	8	40.0	5.0	19 years	36.2 6.8	19 years	24.5 6.4	19 years	4.3 4.9
1982	38	252.3	6.6	1982	23	139.2	6.1	1982	5	22.2	4.4	18 years	36.2 6.8	18 years	24.3 6.4	18 years	4.1 4.9
1983	28	186.9	6.7	1983	20	126.3	6.3	1983	3	14.8	4.9	17 years	36.1 6.8	17 years	24.4 6.4	17 years	4.0 5.0
1984	40	276.6	6.9	1984	26	169.7	6.5	1984	2	10.2	5.1	16 years	36.6 6.8	16 years	24.7 6.4	16 years	4.1 5.0
1985	38	253.9	6.7	1985	29	185.2	6.4	1985	5	25.9	5.2	15 years	36.4 6.8	15 years	24.6 6.4	15 years	4.2 5.0
1986	36	247.3	6.9	1986	22	141.6	6.4	1986	3	11.1	3.7	14 years	36.3 6.8	14 years	24.3 6.4	14 years	4.1 4.9
1987	48	321.1	6.7	1987	35	222.6	6.4	1987	8	42.1	5.3	13 years	36.3 6.8	13 years	24.5 6.4	13 years	4.2 5.0
1988	17	114.2	6.7	1988	12	75.9	6.3	1988	3	15.5	5.2	12 years	35.3 6.8	12 years	23.6 6.4	12 years	3.9 5.0
1989	47	333.4	7.1	1989	25	165.9	6.6	1989	2	10.5	5.3	11 years	37.0 6.8	11 years	24.6 6.4	11 years	4.0 5.0
1990	36	252.4	7.0	1990	19	123.4	6.5	1990	2	8.6	4.3	10 years	36.0 6.8	10 years	24.6 6.4	10 years	4.2 5.0
1991	42	277.2	6.6	1991	31	193.3	6.2	1991	8	38.6	4.8	9 years	36.0 6.8	9 years	25.2 6.4	9 years	4.4 5.1
1992	50	351.5	7.0	1992	31	206.3	6.7	1992	3	16.2	5.4	8 years	35.3 6.8	8 years	24.5 6.4	8 years	4.0 5.1
1993	32	223.6	7.0	1993	15	95.4	6.4	1993	3	16.0	5.3	7 years	33.1 6.8	7 years	23.6 6.4	7 years	4.1 5.0
1994	44	286.3	6.5	1994	36	225.9	6.3	1994	4	21.8	4.4	6 years	33.3 6.7	6 years	25.0 6.4	6 years	4.3 5.0
1995	51	323.5	6.3	1995	42	255.4	6.1	1995	11	54.9	5.0	5 years	31.2 6.8	5 years	22.8 6.4	5 years	4.2 5.1
1996	44	296.2	6.7	1996	33	213.4	6.5	1996	5	25.7	5.1	4 years	26.3 6.9	4 years	18.0 6.5	4 years	2.5 5.2
1997	21	140.7	6.7	1997	18	117.8	6.5	1997	2	10.0	5.0	3 years	20.3 6.9	3 years	13.0 6.5	3 years	1.7 5.2



10th 4.9	Annual # days below 10th percentile	Annual total C in days below 10th percentile	Annual average C in days below 10th percentile	5th 2.9	Annual # days below 5th percentile	Annual total C in days below 5th percentile	Annual average C in days below 5th percentile	1st 0.0	Annual # days below 1st percentile	Annual total C in days below 1st percentile	Annual average C in days below 1st percentile	Pre and post cumulative averages	AWS 10th percentile average in years pre and post AWS		Pre and post cumulative averages	AWS 5th percentile average in years pre and post AWS		Pre and post cumulative averages	AWS 1st percentile average in years pre and post AWS		
													Av #	Av C		Av #	Av C		Av #	Av C	
1910	34	61.4	1.8	1910	25	25.7	1.0	1910	5	-2.2	-0.4										
1911	60	116.0	1.9	1911	38	31.2	0.8	1911	11	-20.0	-1.8										
1912	44	128.8	2.9	1912	19	27.9	1.5	1912	2	-1.8	-0.9										
1913	48	131.8	2.7	1913	23	29.6	1.3	1913	5	-4.2	-0.8										
1914	43	86.2	2.0	1914	26	18.2	0.7	1914	10	-9.1	-0.9										
1915	51	139.1	2.7	1915	24	28.9	1.2	1915	5	-3.5	-0.7										
1916	34	96.5	2.8	1916	15	14.5	1.0	1916	4	-3.1	-0.8										
1917	57	111.4	2.0	1917	40	40.1	1.0	1917	10	-12.0	-1.2										
1918	72	124.9	1.7	1918	43	10.7	0.2	1918	21	-34.2	-1.6										
1919	64	113.6	1.8	1919	44	35.7	0.8	1919	13	-25.2	-1.9										
1920	27	66.1	2.4	1920	16	20.4	1.3	1920	3	-1.4	-0.5										
1921	14	35.9	2.6	1921	7	7.9	1.1	1921	2	-1.7	-0.9										
1922	54	128.3	2.4	1922	27	30.3	1.1	1922	10	-4.0	-0.4										
1923	66	171.9	2.6	1923	40	70.0	1.8	1923	2	-0.8	-0.4										
1924	51	119.7	2.3	1924	32	44.2	1.4	1924	9	-4.7	-0.5										
1925	76	154.6	2.0	1925	50	49.3	1.0	1925	13	-11.3	-0.9										
1926	46	107.3	2.3	1926	30	43.7	1.5	1926	4	-1.2	-0.3										
1927	69	105.9	1.5	1927	51	34.0	0.7	1927	22	-24.0	-1.1										
1928	54	121.3	2.2	1928	33	34.3	1.0	1928	10	-8.4	-0.8										
1929	81	139.9	1.7	1929	50	19.3	0.4	1929	22	-31.3	-1.4										
1930	44	86.8	2.0	1930	27	18.9	0.7	1930	7	-8.5	-1.2										
1931	48	123.7	2.6	1931	27	41.0	1.5	1931	4	-2.5	-0.6										
1932	56	101.2	1.8	1932	34	11.2	0.3	1932	14	-13.9	-1.0										
1933	39	94.1	2.4	1933	26	37.7	1.5	1933	4	-2.1	-0.5										
1934	48	126.7	2.6	1934	25	31.5	1.3	1934	2	-3.9	-2.0										
1935	61	124.0	2.0	1935	41	48.3	1.2	1935	10	-8.4	-0.8										
1936	34	88.1	2.6	1936	17	20.6	1.2	1936	3	0.0	0.0										
1937	38	113.4	3.0	1937	19	37.6	2.0	1937	0	0.0	0.0										
1938	29	86.4	3.0	1938	12	20.0	1.7	1938	3	-0.3	-0.1										
1939	51	142.0	2.8	1939	30	59.3	2.0	1939	0	0.0	0.0										
1940	39	83.7	2.1	1940	20	12.5	0.6	1940	7	-9.4	-1.3										
1941	43	84.4	2.0	1941	27	23.9	0.9	1941	12	-8.9	-0.7										
1942	31	110.3	3.6	1942	6	8.5	1.4	1942	1	-1.0	-1.0										
1943	55	93.5	1.7	1943	35	13.6	0.4	1943	14	-19.6	-1.4										
1944	43	115.3	2.7	1944	19	21.9	1.2	1944	4	-2.4	-0.6										
1945	21	67.9	3.2	1945	7	8.9	1.3	1945	2	-0.5	-0.3										
1946	58	108.1	1.9	1946	40	37.2	0.9	1946	13	-10.6	-0.8										
1947	47	110.7	2.4	1947	31	42.8	1.4	1947	5	-1.7	-0.3										
1948	41	116.3	2.8	1948	23	46.8	2.0	1948	0	0.0	0.0										
1949	54	120.9	2.2	1949	31	33.4	1.1	1949	8	-1.0	-0.1										
1950	15	41.6	2.8	1950	8	15.1	1.9	1950	1	0.0	0.0										
1951	52	107.3	2.1	1951	35	39.6	1.1	1951	9	-9.5	-1.1										
1952	35	91.2	2.6	1952	18	24.7	1.4	1952	3	-4.5	-1.5										
1953	55	91.7	1.7	1953	40	35.6	0.9	1953	12	-9.5	-0.8										
1954	11	28.6	2.6	1954	5	5.0	1.0	1954	1	-0.1	-0.1										
1955	31	92.9	3.0	1955	12	17.6	1.5	1955	1	-0.3	-0.3										
1956	43	128.6	3.0	1956	17	26.3	1.5	1956	2	0.0	0.0										
1957	38	101.6	2.7	1957	18	22.5	1.3	1957	2	-0.4	-0.2										
1958	29	83.6	2.9	1958	13	19.0	1.5	1958	2	-1.4	-0.7										
1959	34	92.6	2.7	1959	15	19.1	1.3	1959	2	-0.7	-0.4										
1960	65	151.2	2.3	1960	37	39.5	1.1	1960	8	-3.0	-0.4										
1961	57	136.3	2.4	1961	33	46.6	1.4	1961	7	-6.8	-1.0										
1962	44	133.7	3.0	1962	19	25.5	1.3	1962	3	-0.6	-0.2										
1963	37	72.0	1.9	1963	21	6.9	0.3	1963	9	-12.1	-1.3										
1964	37	103.8	2.8	1964	19	32.9	1.7	1964	1	-2.1	-2.1										
1965	38	93.4	2.5	1965	18	13.7	0.8	1965	3	-7.8	-2.6										
1966	32	88.9	2.8	1966	15	16.0	1.1	1966	6	-3.6	-0.6										
1967	39	116.0	3.0	1967	20	42.5	2.1	1967	1	-0.4	-0.4										
1968	44	125.8	2.9	1968	19	23.7	1.2	1968	4	-2.0	-0.5										
1969	17	58.7	3.5	1969	6	13.4	2.2	1969	0	0.0	0.0										
1970	55	132.4	2.4	1970	32	41.5	1.3	1970	6	-6.7	-1.1										
1971	38	93.3	2.5	1971	20	22.4	1.1	1971	5	-3.2	-0.6										
1972	34	69.1	2.0	1972	21	16.8	0.8	1972	7	-4.1	-0.6										
1973	9	33.9	3.8	1973	1	2.4	2.4	1973	0	0.0	0.0										
1974	46	118.2	2.6	1974	23	29.0	1.3	1974	7	-2.0	-0.3										
1975	22	79.1	3.6	1975	4	9.2	2.3	1975	0	0.0	0.0										
1976	37	118.4	3.2	1976	15	26.6	1.8	1976	1	0.0	0.0										
1977	37	99.9	2.7	1977	17	22.5	1.3	1977	3	-1.8	-0.6										
1978	25	85.1	3.4	1978	10	22.5	2.3	1978	0	0.0	0.0										
1979	29	79.6	2.7	1979	15	22.1	1.5	1979	1	0.0	0.0										
1980	29	94.5	3.3	1980	8	9.3	1.2	1980	1	0.0	0.0										
1981	28	88.9	3.2	1981	11	19.9	1.8	1981	1	-0.5	-0.5										
1982	41	76.5	1.9	1982	25	14.2	0.6	1982	11	-6.5	-0.6	20 years	25.1	3.1	20 years	10.5	1.7	20 years	1.0	-0.5	
1983	6	22.0	3.7	1983	1	2.5	2.5	1983	0	0.0	0.0	19 years	26.1	3.1	19 years	10.9	1.7	19 years	1.0	-0.5	
1984	22	72.2	3.3	1984	7	8.2	1.2	1984	2	-0.5	-0.3	18 years	26.3	3.0	18 years	11.2	1.7	18 years	0.9	-0.5	
1985	29	80.9	2.8	1985	10	6.8	0.7	1985	2	-3.4	-1.7	17 years	26.1	3.1	17 years	11.2	1.7	17 years	0.9	-0.4	
1986	24	75.7	3.2	1986	10	19.1	1.9	1986	1	-0.5	-0.5	16 years	26.3	3.0	16 years	11.3	1.7	16 years	0.9	-0.4	
1987	26	73.4	2.8	1987	12	22.5	1.9	1987	0	0.0	0.0	15 years	26.3	3.1	15 years	11.3	1.7	15 years	0.9	-0.4	
1988	13	49.9	3.8	1988	2	3.9	2.0	1988	0	0.0	0.0	14 years	27.2	3.0	14 years	11.9	1.7	14 years	1.0	-0.4	
1989	27	76.1	2.8	1989	13	22.5	1.7	1989	0	0.0	0.0	13 years	27.2	3.0	13 years	11.8	1.7	13 years	1.1	-0.4	
1990	39	120.5	3.1	1990	15	25.5	1.7	1990	1	0.0	0.0	12 years	26.3	3.0	12						



10th 11.0	Annual # days below 10th percentile	Annual total C in days below 10th percentile	Annual average C in days below 10th percentile	5th 8.3	Annual # days below 5th percentile	Annual total C in days below 5th percentile	Annual average C in days below 5th percentile	1st 4.4	Annual # days below 1st percentile	Annual total C in days below 1st percentile	Annual average C in days below 1st percentile	Pre and post cumulative averages	AWS 10th percentile average in years pre and post AWS	Pre and post cumulative averages	AWS 5th percentile average in years pre and post AWS	Pre and post cumulative averages	AWS 1st percentile average in years pre and post AWS			
													Av #	Av C	Av #	Av C	Av #	Av C		
1910	25	173.9	7.0	1910	17	99.8	5.9	1910	5	18.3	3.7									
1911	53	410.5	7.7	1911	25	136.6	5.5	1911	9	32.0	3.6									
1912	25	208.4	8.3	1912	11	70.5	6.4	1912	1	4.3	4.3									
1913	47	378.8	8.1	1913	22	142.7	6.5	1913	2	5.5	2.8									
1914	53	450.4	8.5	1914	23	157.8	6.9	1914	3	12.2	4.1									
1915	42	375.8	8.9	1915	13	81.4	6.3	1915	2	7.0	3.5									
1916	22	179.3	8.2	1916	9	50.4	5.6	1916	4	13.4	3.4									
1917	30	245.2	8.2	1917	14	84.9	6.1	1917	3	6.6	2.2									
1918	62	468.9	7.6	1918	39	240.2	6.2	1918	6	20.9	3.5									
1919	49	366.6	7.5	1919	28	165.2	5.9	1919	7	26.9	3.8									
1920	21	186.1	8.9	1920	7	48.8	7.0	1920	1	4.4	4.4									
1921	20	120.5	6.0	1921	17	89.3	5.3	1921	6	18.3	3.1									
1922	56	371.4	6.6	1922	34	161.3	4.7	1922	15	35.5	2.4									
1923	72	558.1	7.8	1923	43	269.5	6.3	1923	8	28.9	3.6									
1924	31	250.4	8.1	1924	14	87.7	6.3	1924	3	12.7	4.2									
1925	54	415.6	7.7	1925	29	170.4	5.9	1925	7	22.2	3.2									
1926	34	290.5	8.5	1926	10	52.2	5.2	1926	5	15.0	3.0									
1927	11	100.0	9.1	1927	4	29.9	7.5	1927	0	0.0										
1928	53	335.6	6.3	1928	38	189.5	5.0	1928	14	40.6	2.9									
1929	73	541.4	7.4	1929	39	214.5	5.5	1929	15	52.1	3.5									
1930	46	307.4	6.7	1930	35	197.3	5.6	1930	13	49.8	3.8									
1931	21	162.6	7.7	1931	13	82.7	6.4	1931	1	4.4	4.4									
1932	54	373.3	6.9	1932	37	213.3	5.8	1932	9	24.7	2.7									
1933	23	170.8	7.4	1933	11	52.7	4.8	1933	8	30.8	3.9									
1934	27	232.2	8.6	1934	13	97.9	7.5	1934	0	0.0										
1935	35	312.3	8.9	1935	9	53.0	5.9	1935	3	7.8	2.6									
1936	19	147.8	7.8	1936	10	61.8	6.2	1936	1	2.2	2.2									
1937	49	387.6	7.9	1937	24	139.3	5.8	1937	6	16.6	2.8									
1938	18	159.4	8.9	1938	5	33.7	6.7	1938	0	0.0										
1939	57	334.5	5.9	1939	48	247.4	5.2	1939	19	58.6	3.1									
1940	42	357.8	8.5	1940	15	92.0	6.1	1940	4	13.2	3.3									
1941	57	387.3	6.8	1941	36	184.4	5.1	1941	15	42.1	2.8									
1942	20	168.7	8.4	1942	9	62.7	7.0	1942	0	0.0										
1943	29	198.6	6.8	1943	21	122.0	5.8	1943	5	16.5	3.3									
1944	29	237.3	8.2	1944	18	133.2	7.4	1944	0	0.0										
1945	38	292.8	7.7	1945	23	142.1	6.2	1945	4	11.0	2.8									
1946	71	553.3	7.8	1946	34	191.4	5.6	1946	11	25.3	2.3									
1947	33	300.7	9.1	1947	11	83.9	7.6	1947	0	0.0										
1948	34	277.9	8.2	1948	15	94.0	6.3	1948	2	6.1	3.1									
1949	56	366.8	6.6	1949	40	207.6	5.2	1949	17	44.3	2.6									
1950	39	294.0	7.5	1950	24	146.8	6.1	1950	5	17.6	3.5									
1951	68	484.4	7.1	1951	46	263.7	5.7	1951	14	49.3	3.5									
1952	43	349.5	8.1	1952	19	119.4	6.3	1952	5	16.7	3.3									
1953	72	515.8	7.2	1953	51	310.9	6.1	1953	11	35.5	3.2									
1954	50	421.7	8.4	1954	22	146.6	6.7	1954	4	14.9	3.7									
1955	17	166.8	9.8	1955	1	7.2	7.2	1955	0	0.0										
1956	50	347.7	7.0	1956	29	148.2	5.1	1956	15	56.0	3.7									
1957	33	269.3	8.2	1957	15	95.6	6.4	1957	2	7.8	3.9									
1958	8	74.0	9.3	1958	3	23.4	7.8	1958	0	0.0										
1959	45	336.5	7.5	1959	30	189.9	6.3	1959	7	26.0	3.7									
1960	42	329.4	7.8	1960	18	96.6	5.4	1960	6	19.8	3.3									
1961	64	459.3	7.2	1961	47	292.1	6.2	1961	8	30.8	3.9									
1962	23	153.4	6.7	1962	13	55.0	4.2	1962	9	27.8	3.1									
1963	0	0.0		1963	0	0.0		1963	0	0.0										
1964	55	361.9	6.6	1964	44	255.0	5.8	1964	15	53.5	3.6									
1965	55	373.0	6.8	1965	35	177.0	5.1	1965	13	23.7	1.8									
1966	23	186.6	8.1	1966	11	74.2	6.7	1966	0	0.0										
1967	52	413.1	7.9	1967	30	201.1	6.7	1967	1	3.3	3.3									
1968	38	335.2	8.8	1968	11	70.2	6.4	1968	0	0.0										
1969	25	232.9	9.3	1969	7	52.9	7.6	1969	0	0.0										
1970	22	199.8	9.1	1970	6	41.9	7.0	1970	0	0.0										
1971	21	159.1	7.6	1971	11	57.7	5.2	1971	4	12.2	3.1									
1972	56	467.9	8.4	1972	27	179.0	6.6	1972	1	4.4	4.4									
1973	11	104.9	9.5	1973	2	15.6	7.8	1973	0	0.0										
1974	63	455.9	7.2	1974	41	241.8	5.9	1974	9	22.3	2.5									
1975	26	210.6	8.1	1975	12	70.8	5.9	1975	4	14.7	3.7									
1976	66	494.9	7.5	1976	37	203.9	5.5	1976	12	41.4	3.5									
1977	44	371.4	8.4	1977	11	41.6	3.8	1977	9	27.7	3.1									
1978	28	214.6	7.7	1978	14	71.9	5.1	1978	7	23.4	3.3									
1979	41	346.1	8.4	1979	13	73.4	5.6	1979	4	8.7	2.2									
1980	36	297.9	8.3	1980	15	87.0	5.8	1980	4	14.8	3.7									
1981	39	337.0	8.6	1981	18	119.8	6.7	1981	3	9.6	3.2									
1982	52	365.1	7.0	1982	33	178.2	5.4	1982	9	22.4	2.5									
1983	31	260.2	8.4	1983	11	66.2	6.0	1983	3	7.6	2.5									
1984	43	279.3	6.5	1984	26	107.6	4.1	1984	11	7.5	0.7	20 years	30.8	8.3	20 years	13.3	6.2	20 years	2.6	3.0
1985	33	275.0	8.3	1985	16	108.1	6.8	1985	1	4.0	4.0	19 years	30.2	8.4	19 years	12.6	6.3	19 years	2.2	3.2
1986	17	111.7	6.6	1986	12	59.8	5.0	1986	4	9.0	2.3	18 years	30.0	8.4	18 years	12.4	6.2	18 years	2.2	3.2
1987	33	285.9	8.7	1987	11	75.9	6.9	1987	0	0.0		17 years	30.8	8.5	17 years	12.5	6.3	17 years	2.1	3.3
1988	26	225.8	8.7	1988	9	59.2	6.6	1988	0	0.0		16 years	30.6	8.5	16 years	12.6	6.3	16 years	2.3	3.3
1989	31	261.9	8.4	1989	13	80.8	6.2	1989	1	3.5	3.5	15 years	30.9	8.5	15 years	12.8	6.3	15 years	2.4	3.3
1990	36	259.2	7.2	1990	23	131.3	5.7	1990	5	10.7	2.1	14 years	30.9	8.5	14 years	12.8	6.3	14 years	2.5	3.2
1991	49	425.9	8.7	1991	19	131.5	6.9	1991	1	4.2	4.2	13 years	30.5	8.6	13 years	12.0	6.3	13 years	2.3	3.4
1992	31	266.3	8.6	1992	13	88.2	6.8	1992	0	0.0		12 years	29.0	8.6	12 years	11.4	6.3	12 years	2.4	3.2
1993	10	95.4	9.5	1993	0	0.0		1993	0	0.0		11 years	28.8	8.6	11 years	11.3	6.2	11 years	2.6	3.2
1994	26	248.9	9.6	1994	3	21.4	7.1	1994	0	0.0		10 years	30.7	8.5	10 years	12.4	6.2	10 years	2.9	3.2
1995	24	210.8	8.8	1995	8	51.5	6.4	1995	1	3.5	3.5	9 years	31.2	8.4	9 years	13.4	6.1	9 years	3.2	3.2
1996	34	273.1	8.0	1996	16	91.5														



10th 7.8	Annual # days below 10th percentile	Annual total C in days below 10th percentile	Annual average C in days below 10th percentile	5th 6.4	Annual # days below 5th percentile	Annual total C in days below 5th percentile	Annual average C in days below 5th percentile	1st 4.4	Annual # days below 1st percentile	Annual total C in days below 1st percentile	Annual average C in days below 1st percentile	Pre and post cumulative averages		AWS 10th percentile average in years pre and post AWS		Pre and post cumulative averages		AWS 5th percentile average in years pre and post AWS		Pre and post cumulative averages		AWS 1st percentile average in years pre and post AWS	
												Av #	Av C	Av #	Av C	Av #	Av C	Av #	Av C				
1910	23	159.0	6.9	1910	7	41.6	5.9	1910	0	0.0													
1911	30	197.0	6.6	1911	14	80.1	5.7	1911	1	4.3	4.3												
1912	20	122.2	6.1	1912	8	34.3	4.3	1912	4	10.7	2.7												
1913	22	130.0	5.9	1913	12	57.7	4.8	1913	4	14.0	3.5												
1914	29	184.0	6.3	1914	15	83.2	5.5	1914	1	3.9	3.9												
1915	4	24.5	6.1	1915	3	16.7	5.6	1915	0	0.0													
1916	22	127.5	5.8	1916	13	62.2	4.8	1916	4	13.7	3.4												
1917	23	148.8	6.5	1917	12	68.3	5.7	1917	0	0.0													
1918	12	80.2	6.7	1918	6	36.3	6.1	1918	0	0.0													
1919	22	140.1	6.4	1919	10	56.9	5.7	1919	0	0.0													
1920	16	98.0	6.1	1920	8	39.1	4.9	1920	1	2.8	2.8												
1921	16	112.9	7.1	1921	2	12.4	6.2	1921	0	0.0													
1922	29	193.6	6.7	1922	6	26.4	4.4	1922	1	1.1	1.1												
1923	9	58.7	6.5	1923	2	8.9	4.5	1923	1	3.9	3.9												
1924	19	133.2	7.0	1924	3	18.0	6.0	1924	0	0.0													
1925	23	151.0	6.6	1925	9	51.7	5.7	1925	0	0.0													
1926	13	89.6	6.9	1926	4	22.9	5.7	1926	0	0.0													
1927	15	107.3	7.2	1927	3	18.4	6.1	1927	0	0.0													
1928	13	83.4	6.4	1928	4	19.1	4.8	1928	2	7.8	3.9												
1929	23	163.2	7.1	1929	4	23.0	5.8	1929	1	4.2	4.2												
1930	13	86.7	6.7	1930	4	22.0	5.5	1930	0	0.0													
1931	22	132.7	6.0	1931	14	74.3	5.3	1931	2	8.1	4.1												
1932	16	99.7	6.2	1932	8	42.6	5.3	1932	1	3.9	3.9												
1933	18	122.2	6.8	1933	5	28.3	5.7	1933	0	0.0													
1934	39	249.0	6.4	1934	18	98.9	5.5	1934	0	0.0													
1935	19	130.5	6.9	1935	7	41.6	5.9	1935	0	0.0													
1936	14	91.7	6.6	1936	6	32.4	5.4	1936	0	0.0													
1937	22	143.0	6.5	1937	8	42.4	5.3	1937	1	4.0	4.0												
1938	15	101.1	6.7	1938	5	29.0	5.8	1938	0	0.0													
1939	13	79.8	6.1	1939	7	35.7	5.1	1939	1	3.9	3.9												
1940	11	76.7	7.0	1940	2	12.1	6.1	1940	0	0.0													
1941	10	73.1	7.3	1941	0	0.0		1941	0	0.0													
1942	6	42.7	7.1	1942	1	6.1	6.1	1942	0	0.0													
1943	47	312.0	6.6	1943	15	80.9	5.4	1943	2	8.2	4.1												
1944	32	205.5	6.4	1944	17	93.4	5.5	1944	1	3.3	3.3												
1945	25	169.3	6.8	1945	8	45.3	5.7	1945	1	3.9	3.9												
1946	8	46.9	5.9	1946	5	24.0	4.8	1946	3	11.9	4.0												
1947	12	81.8	6.8	1947	4	22.3	5.6	1947	0	0.0													
1948	38	254.5	6.7	1948	11	58.2	5.3	1948	2	6.9	3.5												
1949	28	190.4	6.8	1949	8	43.5	5.4	1949	1	3.9	3.9												
1950	47	291.7	6.2	1950	21	104.4	5.0	1950	5	17.3	3.5												
1951	54	326.7	6.1	1951	25	120.9	4.8	1951	5	13.0	2.6												
1952	65	406.3	6.3	1952	35	192.7	5.5	1952	2	7.8	3.9												
1953	49	299.2	6.1	1953	24	122.5	5.1	1953	5	17.4	3.5												
1954	53	330.7	6.2	1954	24	117.9	4.9	1954	8	28.4	3.6												
1955	52	320.9	6.2	1955	25	125.2	5.0	1955	5	13.4	2.7												
1956	76	440.6	5.8	1956	44	213.2	4.8	1956	9	26.5	2.9												
1957	59	362.1	6.1	1957	30	153.5	5.1	1957	5	16.4	3.3												
1958	48	290.5	6.1	1958	28	148.0	5.3	1958	4	13.7	3.4												
1959	26	173.5	6.7	1959	9	49.2	5.5	1959	1	3.9	3.9												
1960	59	362.9	6.2	1960	30	152.3	5.1	1960	8	31.4	3.9												
1961	47	290.9	6.2	1961	21	104.4	5.0	1961	7	24.8	3.5												
1962	59	390.1	6.6	1962	20	106.7	5.3	1962	4	14.3	3.6												
1963	26	182.7	7.0	1963	7	41.5	5.9	1963	0	0.0													
1964	42	269.2	6.4	1964	13	61.8	4.8	1964	4	12.1	3.0												
1965	33	224.7	6.8	1965	11	61.5	5.6	1965	2	7.8	3.9												
1966	66	383.9	5.8	1966	46	240.9	5.2	1966	9	29.8	3.3												
1967	49	307.9	6.3	1967	24	132.9	5.5	1967	2	8.2	4.1												
1968	75	427.7	5.7	1968	46	217.9	4.7	1968	18	65.4	3.6												
1969	68	400.3	5.9	1969	37	178.3	4.8	1969	8	24.9	3.1												
1970	42	279.3	6.7	1970	17	96.7	5.7	1970	1	3.4	3.4												
1971	50	305.7	6.1	1971	25	123.7	4.9	1971	7	25.9	3.7												
1972	36	219.1	6.1	1972	18	91.7	5.1	1972	4	14.4	3.6												
1973	46	277.7	6.0	1973	23	111.2	4.8	1973	8	25.2	3.2												
1974	50	318.5	6.4	1974	22	116.7	5.3	1974	2	6.9	3.5												
1975	42	274.9	6.5	1975	15	80.9	5.4	1975	2	8.3	4.2												
1976	28	187.0	6.7	1976	10	56.5	5.7	1976	0	0.0		20 years	42.8	6.2	20 years	22.3	5.3	20 years	4.4	3.6			
1977	31	190.6	6.1	1977	17	88.7	5.2	1977	4	15.4	3.9	19 years	43.6	6.2	19 years	22.9	5.2	19 years	4.6	3.6			
1978	41	268.8	6.6	1978	14	76.9	5.5	1978	2	7.6	3.8	18 years	44.3	6.2	18 years	23.2	5.2	18 years	4.7	3.6			
1979	66	392.4	5.9	1979	36	177.0	4.9	1979	10	27.8	2.8	17 years	44.5	6.2	17 years	23.8	5.2	17 years	4.8	3.6			
1980	60	347.9	5.8	1980	34	162.7	4.8	1980	11	38.0	3.5	16 years	43.1	6.2	16 years	23.0	5.3	16 years	4.5	3.7			
1981	42	263.8	6.3	1981	21	114.9	5.5	1981	1	4.2	4.2	15 years	42.0	6.2	15 years	22.3	5.3	15 years	4.1	3.7			
1982	34	213.3	6.3	1982	17	91.9	5.4	1982	3	10.9	3.6	14 years	42.0	6.2	14 years	22.4	5.3	14 years	4.3	3.6			
1983	31	199.4	6.4	1983	13	69.3	5.3	1983	2	7.0	3.5	13 years	42.6	6.2	13 years	22.8	5.3	13 years	4.4	3.6			
1984	45	262.3	5.8	1984	27	134.8	5.0	1984	7	24.8	3.5	12 years	43.6	6.2	12 years	23.6	5.3	12 years	4.6	3.6			
1985	41	250.7	6.1	1985	22	112.5	5.1	1985	4	16.0	4.0	11 years	43.5	6.2	11 years	23.3	5.3	11 years	4.4	3.6			
1986	57	356.2	6.2	1986																			















10th 10.6	Annual # days below 10th percentile	Annual total C in days below 10th percentile	Annual average C in days below 10th percentile	5th 8.3	Annual # days below 5th percentile	Annual total C in days below 5th percentile	Annual average C in days below 5th percentile	1st -0.4	Annual # days below 1st percentile	Annual total C in days below 1st percentile	Annual average C in days below 1st percentile	Pre and post cumulative averages		AWS 10th percentile average in years pre and post AWS		Pre and post cumulative averages		AWS 5th percentile average in years pre and post AWS		Pre and post cumulative averages		AWS 1st percentile average in years pre and post AWS		
												Av #	Av C	Av #	Av C	Av #	Av C	Av #	Av C					
1910	35	239.6	6.8	1910	24	133.8	5.6	1910	8	27.9	3.5													
1911	75	525.5	7.0	1911	49	273.8	5.6	1911	12	25.1	2.1													
1912	80	525.8	6.6	1912	62	355.3	5.7	1912	17	61.6	3.6													
1913	108	725.8	6.7	1913	73	390.2	5.3	1913	26	79.1	3.0													
1914	63	494.9	7.9	1914	33	203.9	6.2	1914	8	28.3	3.5													
1915	62	481.7	7.8	1915	36	226.6	6.3	1915	4	11.9	3.0													
1916	54	421.1	7.8	1916	30	189.2	6.3	1916	6	23.4	3.9													
1917	67	448.2	6.7	1917	48	271.2	5.7	1917	13	41.8	3.2													
1918	78	563.1	7.2	1918	43	228.1	5.3	1918	13	36.0	2.8													
1919	76	573.5	7.5	1919	45	273.1	6.1	1919	12	43.1	3.6													
1920	20	175.9	8.8	1920	8	57.9	7.2	1920	0	0.0														
1921	55	399.7	7.3	1921	39	247.8	6.4	1921	4	11.2	2.8													
1922	99	621.9	6.3	1922	71	357.9	5.0	1922	26	70.5	2.7													
1923	102	703.3	6.9	1923	69	390.5	5.7	1923	15	44.6	3.0													
1924	79	656.7	8.3	1924	31	196.6	6.3	1924	4	16.8	4.2													
1925	80	565.3	7.1	1925	51	292.9	5.7	1925	11	36.2	3.3													
1926	75	531.8	7.1	1926	49	279.3	5.7	1926	11	38.0	3.5													
1927	83	552.9	6.7	1927	54	281.7	5.2	1927	20	50.0	2.5													
1928	54	362.4	6.7	1928	33	160.6	4.9	1928	17	56.1	3.3													
1929	78	499.3	6.4	1929	57	296.0	5.2	1929	20	61.3	3.1													
1930	61	499.8	8.2	1930	29	195.5	6.7	1930	3	12.7	4.2													
1931	38	289.8	7.6	1931	22	139.1	6.3	1931	1	2.8	2.8													
1932	88	619.6	7.0	1932	59	335.3	5.7	1932	22	80.9	3.7													
1933	49	314.3	6.4	1933	37	200.0	5.4	1933	14	44.4	3.2													
1934	49	397.3	8.1	1934	27	183.8	6.8	1934	2	6.4	3.2													
1935	100	702.1	7.0	1935	64	355.7	5.6	1935	20	61.2	3.1													
1936	41	333.5	8.1	1936	17	109.4	6.4	1936	3	9.7	3.2													
1937	67	525.7	7.8	1937	34	207.9	6.1	1937	5	15.0	3.0													
1938	54	476.7	8.8	1938	17	121.1	7.1	1938	2	8.2	4.1													
1939	60	460.9	7.7	1939	34	209.8	6.2	1939	5	20.9	4.2													
1940	86	621.3	7.2	1940	51	286.6	5.6	1940	14	40.9	2.9													
1941	60	464.0	7.7	1941	33	203.9	6.2	1941	5	13.5	2.7													
1942	53	427.6	8.1	1942	24	148.1	6.2	1942	4	13.0	3.3													
1943	90	653.6	7.3	1943	58	344.7	5.9	1943	14	45.9	3.3													
1944	88	668.8	7.6	1944	51	329.7	6.5	1944	8	28.5	3.6													
1945	56	390.2	7.0	1945	35	193.6	5.5	1945	10	28.2	2.8													
1946	80	653.1	8.2	1946	33	198.0	6.0	1946	5	10.3	2.1													
1947	52	471.3	9.1	1947	18	136.6	7.6	1947	0	0.0														
1948	50	370.1	7.4	1948	31	180.1	5.8	1948	9	32.6	3.6													
1949	95	646.3	6.8	1949	63	344.4	5.5	1949	22	73.1	3.3													
1950	64	461.1	7.2	1950	43	254.8	5.9	1950	12	46.9	3.9													
1951	78	601.7	7.7	1951	43	274.3	6.4	1951	8	28.9	3.6													
1952	37	317.8	8.6	1952	13	87.1	6.7	1952	1	3.7	3.7													
1953	30	273.1	9.1	1953	7	51.0	7.3	1953	0	0.0														
1954	27	242.0	9.0	1954	8	58.9	7.4	1954	0	0.0														
1955	3	28.5	9.5	1955	0	0.0		1955	0	0.0														
1956	10	100.2	10.0	1956	0	0.0		1956	0	0.0														
1957	17	163.8	9.6	1957	2	16.4	8.2	1957	0	0.0														
1958	8	78.8	9.9	1958	1	8.3	8.3	1958	0	0.0														
1959	12	116.0	9.7	1959	2	16.1	8.1	1959	0	0.0														
1960	27	240.7	8.9	1960	8	53.2	6.7	1960	1	3.8	3.8													
1961	34	309.1	9.1	1961	5	31.4	6.3	1961	1	2.9	2.9													
1962	14	130.2	9.3	1962	3	23.2	7.7	1962	0	0.0														
1963	37	298.8	8.1	1963	17	110.1	6.5	1963	2	7.9	4.0													
1964	26	231.1	8.9	1964	7	51.6	7.4	1964	0	0.0														
1965	30	247.0	8.2	1965	14	90.8	6.5	1965	3	7.8	2.6													
1966	22	210.3	9.6	1966	3	24.2	8.1	1966	0	0.0														
1967	49	414.0	8.4	1967	20	131.1	6.6	1967	2	6.9	3.5													
1968	16	146.0	9.1	1968	5	37.4	7.5	1968	0	0.0														
1969	13	123.8	9.5	1969	3	24.7	8.2	1969	0	0.0														
1970	12	113.6	9.5	1970	2	15.5	7.8	1970	0	0.0														
1971	24	220.5	9.2	1971	4	31.9	8.0	1971	0	0.0														
1972	9	86.4	9.6	1972	0	0.0		1972	0	0.0														
1973	0	0.0		1973	0	0.0		1973	0	0.0														
1974	28	242.3	8.7	1974	10	71.4	7.1	1974	0	0.0														
1975	14	126.7	9.1	1975	4	29.5	7.4	1975	0	0.0														
1976	28	248.2	8.9	1976	9	66.6	7.4	1976	0	0.0		20 years	16.4	9.4	20 years	3.5	7.8	20 years	0.1	3.2				
1977	35	330.8	9.5	1977	3	23.8	7.9	1977	0	0.0		19 years	15.8	9.4	19 years	3.2	7.8	19 years	0.1	3.2				
1978	21	191.0	9.1	1978	7	51.3	7.3	1978	0	0.0		18 years	14.7	9.4	18 years	3.2	7.8	18 years	0.1	3.2				
1979	15	140.8	9.4	1979	2	15.7	7.9	1979	0	0.0		17 years	14.4	9.5	17 years	3.0	7.8	17 years	0.1	3.2				
1980	1	10.5	10.5	1980	0	0.0		1980	0	0.0		16 years	14.3	9.5	16 years	3.1	7.8	16 years	0.1	3.2				
1981	9	84.2	9.4	1981	1	8.3	8.3	1981	0	0.0		15 years	15.2	9.4	15 years	3.3	7.8	15 years	0.1	3.2				
1982	30	261.0	8.7	1982	13	98.5	7.6	1982	0	0.0		14 years	15.6	9.4	14 years	3.4	7.8	14 years	0.1	3.2				
1983	24	220.9	9.2	1983	5	37.0	7.4	1983	0	0.0		13 years	14.5	9.4	13 years	2.7	7.8	13 years	0.1	3.2				
1984	20	163.7	8.2	1984	10	68.7	6.9	1984	1	3.2	3.2	12 years	13.8	9.5	12 years	2.5	7.8	12 years	0.1	3.2				
1985	23	218.1	9.5	1985	4	32.8	8.2	1985	0	0.0		11 years	13.2	9.6	11 years	1.8	8.0	11 years	0.0					
1986	14	126																						



10th 3.6	Annual # days below 10th percentile	Annual total C in days below 10th percentile	Annual average C in days below 10th percentile	5th 2.6	Annual # days below 5th percentile	Annual total C in days below 5th percentile	Annual average C in days below 5th percentile	1st 0.8	Annual # days below 1st percentile	Annual total C in days below 1st percentile	Annual average C in days below 1st percentile	Pre and post cumulative averages	AWS 10th percentile average in years pre and post AWS	Pre and post cumulative averages	AWS 5th percentile average in years pre and post AWS	Pre and post cumulative averages	AWS 1st percentile average in years pre and post AWS				
													Av #	Av C		Av #	Av C		Av #	Av C	
1918	40	102.0	2.6	1918	17	28.0	1.6	1918	2	0.6	0.3										
1919	42	104.5	2.5	1919	19	32.3	1.7	1919	2	1.2	0.6										
1920	34	88.2	2.6	1920	12	20.0	1.7	1920	2	1.0	0.5										
1921	34	71.1	2.1	1921	21	31.4	1.5	1921	5	1.0	0.2										
1922	35	79.3	2.3	1922	20	31.3	1.6	1922	3	0.2	0.1										
1923	29	78.6	2.7	1923	8	14.5	1.8	1923	0	0.0	0.0										
1924	42	114.2	2.7	1924	16	29.9	1.9	1924	2	0.3	0.2										
1925	53	114.8	2.2	1925	28	38.0	1.4	1925	8	2.4	0.3										
1926	28	72.8	2.6	1926	9	13.5	1.5	1926	1	-0.4	-0.4										
1927	44	90.8	2.1	1927	28	41.4	1.5	1927	4	0.9	0.2										
1928	28	70.0	2.5	1928	15	28.9	1.9	1928	1	0.4	0.4										
1929	43	83.6	1.9	1929	24	25.8	1.1	1929	7	-1.2	-0.2										
1930	27	67.2	2.5	1930	10	13.8	1.4	1930	3	0.4	0.1										
1931	40	96.1	2.4	1931	15	19.7	1.3	1931	3	-0.4	-0.1										
1932	37	81.9	2.2	1932	23	37.3	1.6	1932	5	1.1	0.2										
1933	43	109.4	2.5	1933	15	26.6	1.8	1933	1	0.7	0.7										
1934	42	97.3	2.3	1934	24	42.8	1.8	1934	2	-0.5	-0.3										
1935	28	64.9	2.3	1935	13	19.4	1.5	1935	3	0.4	0.1										
1936	45	115.3	2.6	1936	19	34.3	1.8	1936	3	1.2	0.4										
1937	43	69.9	1.6	1937	32	35.6	1.1	1937	11	0.1	0.0										
1938	35	80.8	2.3	1938	23	44.8	1.9	1938	1	0.6	0.6										
1939	32	75.5	2.4	1939	17	28.1	1.7	1939	3	0.7	0.2										
1940	43	104.0	2.4	1940	19	27.8	1.5	1940	5	2.8	0.6										
1941	41	89.5	2.2	1941	24	36.9	1.5	1941	2	-1.6	-0.8										
1942	32	81.5	2.5	1942	13	21.5	1.7	1942	2	0.9	0.5										
1943	65	131.2	2.0	1943	40	53.9	1.3	1943	15	2.7	0.2										
1944	55	114.6	2.1	1944	29	31.3	1.1	1944	11	0.4	0.0										
1945	60	117.3	2.0	1945	38	48.7	1.3	1945	12	3.0	0.3										
1946	38	92.1	2.4	1946	20	34.1	1.7	1946	2	-0.6	-0.3										
1947	41	96.6	2.4	1947	22	36.8	1.7	1947	4	2.3	0.6										
1948	39	87.1	2.2	1948	21	27.6	1.3	1948	7	0.6	0.1										
1949	53	114.1	2.2	1949	28	37.4	1.3	1949	9	1.7	0.2										
1950	46	101.9	2.2	1950	23	31.2	1.4	1950	6	2.7	0.5										
1951	48	105.9	2.2	1951	29	46.6	1.6	1951	7	0.6	0.1										
1952	45	99.3	2.2	1952	26	38.6	1.5	1952	7	4.2	0.6										
1953	48	94.8	2.0	1953	29	34.5	1.2	1953	10	0.5	0.1										
1954	54	108.6	2.0	1954	34	46.0	1.4	1954	13	2.5	0.2										
1955	43	102.8	2.4	1955	21	33.3	1.6	1955	3	-0.4	-0.1										
1956	39	76.7	2.0	1956	23	27.4	1.2	1956	7	2.5	0.4										
1957	54	120.3	2.2	1957	33	54.6	1.7	1957	5	1.8	0.4										
1958	51	107.4	2.1	1958	30	42.3	1.4	1958	7	0.0	0.0										
1959	46	95.0	2.1	1959	27	35.3	1.3	1959	8	1.9	0.2										
1960	47	107.3	2.3	1960	23	32.3	1.4	1960	7	3.4	0.5										
1961	31	70.4	2.3	1961	18	29.4	1.6	1961	3	0.2	0.1										
1962	34	77.1	2.3	1962	17	22.7	1.3	1962	4	-1.7	-0.4										
1963	58	123.5	2.1	1963	33	46.6	1.4	1963	10	1.4	0.1										
1964	34	71.4	2.1	1964	21	30.7	1.5	1964	5	0.6	0.1										
1965	46	100.5	2.2	1965	28	44.2	1.6	1965	5	1.3	0.3										
1966	45	98.8	2.2	1966	23	30.7	1.3	1966	6	-0.8	-0.1										
1967	41	94.6	2.3	1967	19	27.1	1.4	1967	6	2.6	0.4										
1968	41	108.8	2.7	1968	19	37.2	2.0	1968	2	1.0	0.5										
1969	46	100.8	2.2	1969	30	51.4	1.7	1969	2	-0.2	-0.1										
1970	40	102.2	2.6	1970	18	31.2	1.7	1970	2	1.1	0.6										
1971	38	104.5	2.8	1971	12	22.6	1.9	1971	1	0.6	0.6										
1972	38	76.3	2.0	1972	19	16.7	0.9	1972	7	-6.4	-0.9										
1973	44	82.9	1.9	1973	28	33.9	1.2	1973	6	-5.4	-0.9										
1974	25	55.0	2.2	1974	16	28.0	1.8	1974	3	1.8	0.6										
1975	26	74.7	2.9	1975	8	15.0	1.9	1975	1	0.8	0.8										
1976	43	106.3	2.5	1976	22	38.7	1.8	1976	3	0.0	0.0	20 years	33.7	2.4	20 years	18.4	1.6	20 years	3.9	0.0	
1977	27	67.7	2.5	1977	13	21.7	1.7	1977	2	0.9	0.5	19 years	33.2	2.3	19 years	18.2	1.6	19 years	3.9	0.0	
1978	38	80.3	2.1	1978	21	25.7	1.2	1978	8	0.8	0.1	18 years	33.5	2.3	18 years	18.4	1.6	18 years	4.0	-0.0	
1979	35	84.9	2.4	1979	20	36.9	1.8	1979	2	-0.1	-0.1	17 years	33.2	2.4	17 years	18.3	1.6	17 years	3.8	-0.0	
1980	21	61.0	2.9	1980	7	16.0	2.3	1980	0	0.0	0.0	16 years	33.1	2.3	16 years	18.2	1.6	16 years	3.9	-0.0	
1981	27	60.5	2.2	1981	12	14.6	1.2	1981	2	-3.8	-1.9	15 years	33.9	2.3	15 years	18.9	1.5	15 years	4.1	-0.0	
1982	42	92.7	2.2	1982	24	37.0	1.5	1982	6	0.1	0.0	14 years	34.4	2.3	14 years	19.4	1.6	14 years	4.3	0.1	
1983	41	73.7	1.8	1983	27	29.7	1.1	1983	7	-4.3	-0.6	13 years	33.8	2.3	13 years	19.1	1.6	13 years	4.2	0.1	
1984	26	62.7	2.4	1984	12	18.7	1.6	1984	2	0.6	0.3	12 years	33.3	2.4	12 years	18.4	1.6	12 years	3.9	0.2	
1985	38	90.6	2.4	1985	25	48.0	1.9	1985	2	-1.3	-0.7	11 years	33.9	2.4	11 years	19.0	1.6	11 years	4.1	0.2	
1986	29	66.5	2.3	1986	17	27.1	1.6	1986	4	2.1	0.5	10 years	33.5	2.4	10 years	18.4	1.6	10 years	4.3	0.3	
1987	37	82.6	2.2	1987	23	36.4	1.6	1987	5	1.8	0.4	9 years	34.0	2.4	9 years	18.6	1.6	9 years	4.3	0.2	
1988	15	44.2	2.9	1988	3	5.6	1.9	1988	0	0.0	0.0	8 years	33.6	2.4	8 years	18.0	1.6	8 years	4.3	0.2	
1989	44	90.5	2.1	1989	26	32.8	1.3	1989	9	2.4	0.3	7 years	36.3	2.3	7 years	20.1	1.5	7 years	4.9	0.2	
1990	36	85.2	2.4	1990	24	46.3	1.9	1990	3	1.1	0.4	6 years	35.0	2.3	6 years	19.2	1.6	6 years	4.2	0.2	
1991	26	62.2	2.4	1991	15	26.0	1.7	1991	2	0.6	0.3	5 years	34.8	2.3	5 years	18.2	1.5	5 years	4.4	0.2	
1992	46	94.8	2.1	1992	26	31.5	1.2	1992	9	0.4	0.0	4 years	37.0	2.3	4 years	19.0	1.5	4 years	5.0	0.2	
1993	22	53.2	2.4	1993	11	16.5	1.5	1993	2	0.8	0.4	3 years	34.0	2.4	3 years	16.7	1.5	3 years	3.7	0.2	
1994	41	96.9	2.4	1994	21	32.4	1.5	1994	6	2.1	0.4	2 years	40.0	2.4	2 years	19.5	1.6	2 years	4.5	0.1	
1995	39	97.3	2.5	1995	18	28.1	1.6	1995	3	-0.3	-0.1	1 years	39.0	2.5	1 years	18.0	1.6	1 years			



10th 22.4	Annual # days below 10th percentile	Annual total C in days below 10th percentile	Annual average C in days below 10th percentile	5th 21.9	Annual # days below 5th percentile	Annual total C in days below 5th percentile	Annual average C in days below 5th percentile	1st 20.6	Annual # days below 1st percentile	Annual total C in days below 1st percentile	Annual average C in days below 1st percentile	Pre and post cumulative averages	AWS 10th percentile average in years pre and post AWS	Pre and post cumulative averages	AWS 5th percentile average in years pre and post AWS	Pre and post cumulative averages	AWS 1st percentile average in years pre and post AWS				
													Av #	Av C		Av #	Av C		Av #	Av C	
1951	37	804.8	21.8	1951	19	404.6	21.3	1951	4	81.2	20.3										
1952	23	498.3	21.7	1952	13	276.6	21.3	1952	2	40.7	20.4										
1953	52	1134.9	21.8	1953	25	535.0	21.4	1953	2	40.3	20.2										
1954	24	522.3	21.8	1954	11	233.0	21.2	1954	2	37.6	18.8										
1955	2	44.7	22.4	1955	0	0.0		1955	0	0.0											
1956	6	133.3	22.2	1956	1	21.9	21.9	1956	0	0.0											
1957	22	481.1	21.9	1957	12	259.0	21.6	1957	0	0.0											
1958	27	592.8	22.0	1958	9	192.8	21.4	1958	1	20.3	20.3										
1959	71	1547.3	21.8	1959	35	744.9	21.3	1959	4	81.9	20.5										
1960	59	1297.7	22.0	1960	22	474.9	21.6	1960	1	20.6	20.6										
1961	66	1450.4	22.0	1961	29	628.2	21.7	1961	0	0.0											
1962	31	679.5	21.9	1962	11	233.9	21.3	1962	1	20.2	20.2										
1963	66	1417.2	21.5	1963	43	907.0	21.1	1963	9	182.6	20.3										
1964	23	503.8	21.9	1964	9	192.8	21.4	1964	1	20.6	20.6										
1965	108	2301.4	21.3	1965	73	1523.5	20.9	1965	22	433.9	19.7										
1966	60	1304.0	21.7	1966	34	725.6	21.3	1966	5	102.0	20.4										
1967	60	1306.7	21.8	1967	32	683.2	21.4	1967	2	40.7	20.4										
1968	59	1286.3	21.8	1968	21	440.7	21.0	1968	6	118.0	19.7										
1969	48	1051.4	21.9	1969	19	406.9	21.4	1969	1	20.5	20.5										
1970	44	966.7	22.0	1970	16	343.8	21.5	1970	1	20.5	20.5										
1971	45	987.9	22.0	1971	19	409.5	21.6	1971	0	0.0											
1972	144	3097.1	21.5	1972	97	2053.0	21.2	1972	19	384.5	20.2										
1973	22	474.1	21.6	1973	16	340.8	21.3	1973	2	40.3	20.2										
1974	31	683.2	22.0	1974	9	194.2	21.6	1974	0	0.0											
1975	23	503.4	21.9	1975	9	192.3	21.4	1975	1	20.6	20.6										
1976	93	2013.5	21.7	1976	62	1325.2	21.4	1976	5	101.2	20.2	20 years	41.9	21.8	20 years	20.9	21.4	20 years	1.9	20.2	
1977	83	1804.9	21.7	1977	50	1072.2	21.4	1977	1	20.4	20.4	19 years	39.2	21.9	19 years	18.7	21.4	19 years	1.7	20.2	
1978	10	216.2	21.6	1978	5	105.2	21.0	1978	1	19.1	19.1	18 years	36.8	21.9	18 years	17.0	21.4	18 years	1.7	20.2	
1979	66	1433.0	21.7	1979	39	832.4	21.3	1979	6	120.8	20.1	17 years	38.4	21.9	17 years	17.7	21.4	17 years	1.8	20.3	
1980	34	745.2	21.9	1980	13	279.0	21.5	1980	1	20.6	20.6	16 years	36.6	21.9	16 years	16.4	21.4	16 years	1.5	20.3	
1981	30	662.0	22.1	1981	8	173.2	21.7	1981	0	0.0		15 years	36.8	21.9	15 years	16.6	21.4	15 years	1.5	20.3	
1982	101	2187.9	21.7	1982	74	1588.6	21.5	1982	2	41.1	20.6	14 years	37.3	21.9	14 years	17.2	21.4	14 years	1.6	20.3	
1983	33	722.4	21.9	1983	16	345.3	21.6	1983	1	20.6	20.6	13 years	32.4	21.9	13 years	12.8	21.4	13 years	1.6	20.3	
1984	33	713.6	21.6	1984	16	335.6	21.0	1984	5	99.3	19.9	12 years	32.3	21.9	12 years	12.6	21.4	12 years	1.7	20.2	
1985	48	1047.3	21.8	1985	18	380.9	21.2	1985	2	41.0	20.5	11 years	32.3	21.9	11 years	12.3	21.4	11 years	1.4	20.3	
1986	29	631.4	21.8	1986	13	275.6	21.2	1986	3	60.5	20.2	10 years	30.7	21.9	10 years	11.7	21.4	10 years	1.3	20.3	
1987	29	636.5	21.9	1987	11	236.9	21.5	1987	0	0.0		9 years	30.9	21.9	9 years	11.6	21.5	9 years	1.1	20.3	
1988	9	198.4	22.0	1988	2	43.3	21.7	1988	0	0.0		8 years	31.1	21.9	8 years	11.6	21.5	8 years	1.3	20.3	
1989	17	376.0	22.1	1989	3	65.4	21.8	1989	0	0.0		7 years	34.3	21.9	7 years	13.0	21.4	7 years	1.4	20.3	
1990	29	635.7	21.9	1990	10	212.4	21.2	1990	2	39.4	19.7	6 years	37.2	21.9	6 years	14.7	21.4	6 years	1.7	20.3	
1991	65	1431.9	22.0	1991	22	476.0	21.6	1991	0	0.0		5 years	38.8	21.9	5 years	15.6	21.4	5 years	1.6	20.5	
1992	35	767.5	21.9	1992	17	367.4	21.6	1992	0	0.0		4 years	32.3	21.8	4 years	14.0	21.3	4 years	2.0	20.5	
1993	33	717.2	21.7	1993	14	295.7	21.1	1993	3	61.5	20.5	3 years	31.3	21.8	3 years	13.0	21.2	3 years	2.7	20.5	
1994	42	918.4	21.9	1994	16	340.6	21.3	1994	3	61.7	20.6	2 years	30.5	21.8	2 years	12.5	21.3	2 years	2.5	20.5	
1995	19	414.2	21.8	1995	9	191.6	21.3	1995	2	40.8	20.4	1 years	19.0	21.8	1 years	9.0	21.3	1 years	2.0	20.4	
1996	20	426.8	21.3	1996	12	249.0	20.8	1996	4	78.0	19.5	0 years	20.0	21.3	0 years	12.0	20.8	0 years	4.0	19.5	
1997	67	1419.0	21.2	1997	43	885.8	20.6	1997	15	285.1	19.0	1 years	67.0	21.2	1 years	43.0		1 years	15.0	19.0	
1998	8	168.4	21.1	1998	4	79.5	19.9	1998	3	58.2	19.4	2 years	37.5	21.1	2 years	23.5	20.2	2 years	9.0	19.2	
1999	23	496.4	21.6	1999	10	207.3	20.7	1999	3	56.9	19.0	3 years	32.7	21.3	3 years	19.0	20.4	3 years	7.0	19.1	
2000	33	697.7	21.1	2000	21	431.3	20.5	2000	10	195.8	19.6	4 years	32.8	21.2	4 years	19.5	20.4	4 years	7.8	19.2	
2001	24	499.7	20.8	2001	18	366.9	20.4	2001	8	153.9	19.2	5 years	31.0	21.2	5 years	19.2	20.4	5 years	7.8	19.2	
2002	34	718.6	21.1	2002	26	540.2	20.8	2002	9	176.8	19.6	6 years	31.5	21.2	6 years	20.3	20.5	6 years	8.0	19.3	
2003	26	547.0	21.0	2003	18	368.7	20.5	2003	8	154.8	19.4	7 years	30.7	21.1	7 years	20.0	20.5	7 years	8.0	19.3	
2004	45	920.0	20.4	2004	35	698.7	20.0	2004	17	314.2	18.5	8 years	32.5	21.0	8 years	21.9	20.4	8 years	9.1	19.2	
2005	22	475.2	21.6	2005	14	297.5	21.3	2005	2	39.8	19.9	9 years	31.3	21.1	9 years	21.0	20.5	9 years	8.3	19.3	
2006	32	686.7	21.5	2006	24	509.0	21.2	2006	5	101.3	20.3	10 years	31.4	21.1	10 years	21.3	20.6	10 years	8.0	19.4	
2007	25	540.7	21.6	2007	12	252.3	21.0	2007	2	40.3	20.2	11 years	30.8	21.2	11 years	20.5	20.6	11 years	7.5	19.5	
2008	10	208.5	20.9	2008	7	141.5	20.2	2008	2	33.4	16.7	12 years	29.1	21.2	12 years	19.3	20.6	12 years	7.0	19.2	
2009	19	394.8	20.8	2009	13	261.5	20.1	2009	9	175.6	19.5	13 years	28.3	21.1	13 years	18.8	20.6	13 years	7.2	19.2	
2010	1	22.2	22.2	2010	0	0.0		2010	0	0.0		14 years	26.4	21.2	14 years	17.5	20.6	14 years	6.6	19.2	
2011	43	909.5	21.2	2011	28	576.6	20.6	2011	8	148.7	18.6	15 years	27.5	21.2	15 years	18.2	20.6	15 years	6.7	19.2	
2012	36	771.7	21.4	2012	23	483.0	21.0	2012	6	116.8	19.5	16 years	28.0	21.2	16 years	18.5	20.6	16 years	6.7	19.2	
2013	20	437.0	21.9	2013	6	126.1	21.0	2013	2	39.9	20.0	17 years	27.5	21.3	17 years	17.8	20.6	17 years	6.4	19.3	
2014	23	486.8	21.2	2014	16	331.4	20.7	2014	5	96.1	19.2	18 years	27.3	21.3	18 years	17.7	20.6	18 years	6.3	19.3	
2015	25	523.7	20.9	2015	17	346.1	20.4	2015	9	174.4	19.4	19 years	27.2	21.2	19 years	17.6	20.6	19 years	6.5	19.3	
2016	13	279.7	21.5	2016	7	146.5	20.9	2016	2	38.1	19.1	20 years	26.5	21.2	20 years	17.1	20.6	20 years	6.3	19.3	
2017	4	87.7	21.9	2017	2	42.9	21.5	2017	0	0.0											
2018	14	294.8	21.1	2018	8	161.2	20.2	2018	6	119.3	19.9										
2019	39	836.0	21.4	2019	20	414.2	20.7	2019	5	94.3	18.9										
2020	9	186.7	20.7	2020	6	119.8	20.0	2020	2	33.8	16.9										
2021	5	109.6	21.9	2021	3																



10th -1.7	Annual # days below 10th percentile	Annual total C in days below 10th percentile	Annual average C in days below 10th percentile	5th -3.3	Annual # days below 5th percentile	Annual total C in days below 5th percentile	Annual average C in days below 5th percentile	1st -5.8	Annual # days below 1st percentile	Annual total C in days below 1st percentile	Annual average C in days below 1st percentile	Pre and post cumulative averages	AWS 10th percentile average in years pre and post AWS		Pre and post cumulative averages	AWS 5th percentile average in years pre and post AWS		Pre and post cumulative averages	AWS 1st percentile average in years pre and post AWS		
													Av #	Av C		Av #	Av C		Av #	Av C	
1910	35	-95.6	-2.7	1910	13	-50.4	-3.9	1910	0	0.0											
1911	47	-207.2	-4.4	1911	32	-172.0	-5.4	1911	14	-93.3	-6.7										
1912	37	-102.5	-2.8	1912	11	-42.8	-3.9	1912	0	0.0											
1913	30	-99.3	-3.3	1913	15	-66.4	-4.4	1913	4	-25.4	-6.4										
1914	28	-93.7	-3.3	1914	12	-57.6	-4.8	1914	3	-19.3	-6.4										
1915	27	-79.1	-2.9	1915	9	-35.1	-3.9	1915	0	0.0											
1916	18	-47.2	-2.6	1916	4	-16.2	-4.1	1916	0	0.0											
1917	62	-220.7	-3.6	1917	30	-144.4	-4.8	1917	9	-56.2	-6.2										
1918	61	-249.2	-4.1	1918	34	-192.4	-5.7	1918	13	-98.5	-7.6										
1919	49	-188.0	-3.8	1919	25	-132.8	-5.3	1919	10	-66.7	-6.7										
1920	31	-107.1	-3.5	1920	18	-80.3	-4.5	1920	1	-6.1	-6.1										
1921	24	-58.7	-2.4	1921	5	-21.1	-4.2	1921	1	-6.1	-6.1										
1922	60	-249.1	-4.2	1922	41	-207.4	-5.1	1922	12	-80.2	-6.7										
1923	39	-131.9	-3.4	1923	22	-93.4	-4.2	1923	4	-25.0	-6.3										
1924	37	-130.6	-3.5	1924	22	-94.9	-4.3	1924	1	-6.1	-6.1										
1925	58	-180.0	-3.1	1925	29	-116.3	-4.0	1925	1	-6.1	-6.1										
1926	33	-83.4	-2.5	1926	8	-29.3	-3.7	1926	0	0.0											
1927	72	-308.4	-4.3	1927	50	-260.9	-5.2	1927	19	-123.9	-6.5										
1928	39	-100.0	-2.6	1928	11	-42.0	-3.8	1928	0	0.0											
1929	69	-311.1	-4.5	1929	47	-267.4	-5.7	1929	25	-173.2	-6.9										
1930	30	-83.5	-2.8	1930	11	-45.4	-4.1	1930	1	-6.1	-6.1										
1931	25	-72.7	-2.9	1931	9	-38.9	-4.3	1931	0	0.0											
1932	39	-132.4	-3.4	1932	16	-81.6	-5.1	1932	4	-27.6	-6.9										
1933	33	-92.5	-2.8	1933	12	-44.5	-3.7	1933	0	0.0											
1934	37	-123.6	-3.3	1934	18	-79.7	-4.4	1934	1	-6.1	-6.1										
1935	58	-222.6	-3.8	1935	40	-181.3	-4.5	1935	5	-33.3	-6.7										
1936	33	-94.2	-2.9	1936	13	-50.3	-3.9	1936	0	0.0											
1937	43	-145.0	-3.4	1937	19	-93.4	-4.9	1937	4	-27.9	-7.0										
1938	25	-68.4	-2.7	1938	8	-32.1	-4.0	1938	0	0.0											
1939	45	-137.2	-3.0	1939	17	-71.6	-4.2	1939	1	-6.1	-6.1										
1940	54	-210.9	-3.9	1940	30	-158.4	-5.3	1940	9	-66.8	-7.4										
1941	45	-179.6	-4.0	1941	26	-137.2	-5.3	1941	6	-44.4	-7.4										
1942	50	-142.9	-2.9	1942	20	-76.8	-3.8	1942	0	0.0											
1943	37	-153.8	-4.2	1943	27	-132.0	-4.9	1943	5	-36.1	-7.2										
1944	58	-195.1	-3.4	1944	30	-130.8	-4.4	1944	3	-18.9	-6.3										
1945	29	-80.6	-2.8	1945	8	-32.1	-4.0	1945	1	-6.7	-6.7										
1946	77	-347.5	-4.5	1946	58	-302.2	-5.2	1946	17	-110.6	-6.5										
1947	48	-167.8	-3.5	1947	28	-122.0	-4.4	1947	3	-18.9	-6.3										
1948	53	-188.5	-3.6	1948	32	-140.3	-4.4	1948	5	-32.3	-6.5										
1949	42	-158.3	-3.8	1949	29	-128.0	-4.4	1949	2	-12.2	-6.1										
1950	12	-27.7	-2.3	1950	1	-3.3	-3.3	1950	0	0.0											
1951	34	-104.7	-3.1	1951	13	-58.9	-4.5	1951	1	-6.7	-6.7										
1952	31	-107.5	-3.5	1952	16	-73.3	-4.6	1952	2	-13.4	-6.7										
1953	49	-172.1	-3.5	1953	28	-126.2	-4.5	1953	2	-11.9	-6.0										
1954	24	-64.9	-2.7	1954	7	-27.1	-3.9	1954	0	0.0											
1955	30	-91.0	-3.0	1955	10	-48.1	-4.8	1955	2	-12.5	-6.3										
1956	36	-101.3	-2.8	1956	8	-34.9	-4.4	1956	1	-7.2	-7.2										
1957	43	-137.7	-3.2	1957	21	-89.5	-4.3	1957	1	-5.8	-5.8										
1958	24	-80.1	-3.3	1958	11	-50.9	-4.6	1958	2	-12.2	-6.1										
1959	20	-53.2	-2.7	1959	6	-23.1	-3.9	1959	0	0.0											
1960	39	-130.6	-3.3	1960	22	-91.3	-4.2	1960	0	0.0											
1961	39	-153.4	-3.9	1961	22	-117.1	-5.3	1961	9	-59.3	-6.6										
1962	38	-98.3	-2.6	1962	9	-35.6	-4.0	1962	0	0.0											
1963	23	-69.8	-3.0	1963	14	-53.0	-3.8	1963	0	0.0											
1964	29	-84.0	-2.9	1964	10	-41.6	-4.2	1964	1	-6.7	-6.7										
1965	36	-140.8	-3.9	1965	22	-107.7	-4.9	1965	5	-33.6	-6.7										
1966	28	-90.9	-3.2	1966	13	-57.2	-4.4	1966	1	-7.2	-7.2										
1967	39	-116.1	-3.0	1967	15	-58.4	-3.9	1967	0	0.0											
1968	36	-132.8	-3.7	1968	17	-87.1	-5.1	1968	5	-32.4	-6.5										
1969	21	-52.7	-2.5	1969	3	-11.1	-3.7	1969	0	0.0											
1970	65	-304.4	-4.7	1970	45	-252.2	-5.6	1970	18	-132.1	-7.3										
1971	43	-179.8	-4.2	1971	26	-139.6	-5.4	1971	11	-76.8	-7.0										
1972	52	-229.6	-4.4	1972	35	-189.1	-5.4	1972	14	-102.7	-7.3										
1973	12	-30.6	-2.6	1973	1	-3.6	-3.6	1973	0	0.0											
1974	44	-184.5	-4.2	1974	30	-149.3	-5.0	1974	7	-48.0	-6.9										
1975	43	-150.0	-3.5	1975	22	-94.9	-4.3	1975	2	-12.5	-6.3										
1976	46	-138.5	-3.0	1976	15	-63.1	-4.2	1976	0	0.0											
1977	47	-180.1	-3.8	1977	28	-135.9	-4.9	1977	6	-40.1	-6.7										
1978	31	-96.5	-3.1	1978	12	-51.8	-4.3	1978	1	-6.5	-6.5										
1979	38	-135.9	-3.6	1979	19	-89.2	-4.7	1979	4	-24.2	-6.1										
1980	39	-130.4	-3.3	1980	17	-75.8	-4.5	1980	1	-6.2	-6.2										
1981	30	-91.7	-3.1	1981	10	-42.8	-4.3	1981	0	0.0											
1982	56	-250.9	-4.5	1982	38	-210.2	-5.5	1982	18	-121.6	-6.8	20 years	33.0	-3.5	20 years	17.2	-4.5	20 years	3.0	-6.5	
1983	12	-41.5	-3.5	1983	7	-29.4	-4.2	1983	0	0.0		19 years	31.7	-3.4	19 years	16.1	-4.5	19 years	2.2	-6.5	
1984	24	-71.7	-3.0	1984	9	-36.3	-4.0	1984	0	0.0		18 years	32.8	-3.4	18 years	16.6	-4.5	18 years	2.3	-6.5	
1985	38	-140.5	-3.7	1985	19	-94.9	-5.0	1985	6	-37.6	-6.3	17 years	33.4	-3.4	17 years	17.0	-4.5	17 years	2.5	-6.5	
1986	33	-131.2	-4.0	1986	19	-100.2	-5.3	1986	8	-57.8	-7.2	16 years	33.1	-3.4	16 years	16.9	-4.5	16 years	2.3	-6.5	
1987	29	-109.1	-3.8	1987	18	-82.3	-4.6	1987	2	-13.5	-6.8	15 years	33.1	-3.4	15 years	16.7	-4.4	15 years	1.9	-6.4	
1988	14	-39.1	-2.8	1988	4	-16.8	-4.2	1988	0	0.0		14 years	33.4	-3.3	14 years	16.6	-4.4	14 years	1.9	-6.4	
1989	29	-87.8	-3.0	1989	9	-40.6	-4.5	1989	1	-5.8	-5.8	13 years	34.8	-3.4	13 years	17.6	-4.4	13 years	2.0	-6.4	
1990	22	-59.4	-2.7	1990	4	-16.0	-4.0	1990	0	0.0		12 years	35.3	-3.4	12 years	18.3	-4.4	12 years	2.1	-6.5	
1991	44	-152.4	-3.5	1991	24	-98.5	-4.1	1991	0	0.0		11 years	36.5	-3.5	11 years	19.6	-4.5	11 years	2.3	-6.5	
1992	33	-116.4	-3.5	1992	18	-79.9	-4.4	1992	0	0.0		10 years	35.8	-3.5	10 years	19.2	-4.5	10 years	2.5	-6.5	
1993	18	-54.5	-3.0	1993	8	-31.5	-3.9	1993													



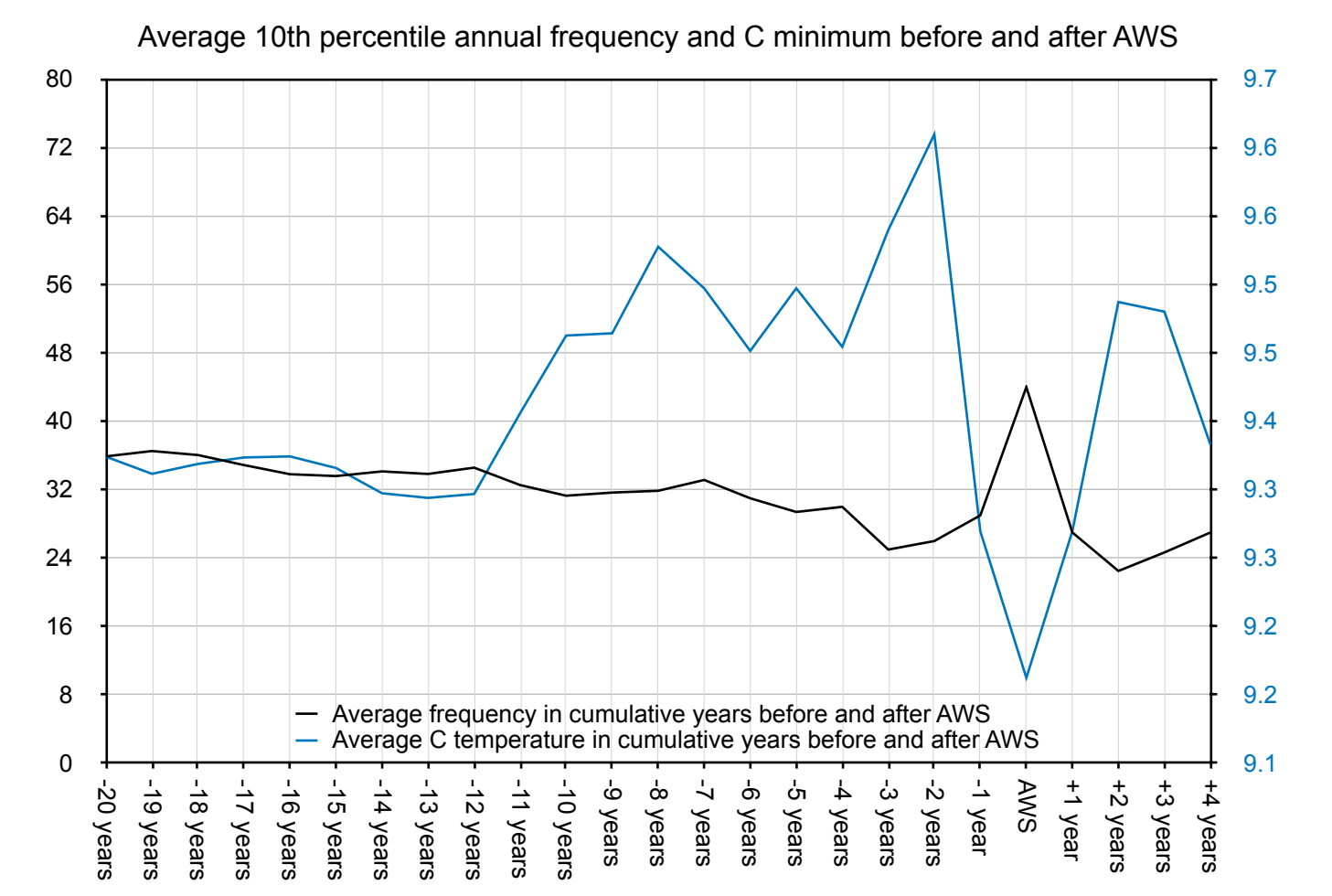
10th 4.3	Annual # days below 10th percentile	Annual total C in days below 10th percentile	Annual average C in days below 10th percentile	5th 2.8	Annual # days below 5th percentile	Annual total C in days below 5th percentile	Annual average C in days below 5th percentile	1st 0.6	Annual # days below 1st percentile	Annual total C in days below 1st percentile	Annual average C in days below 1st percentile	Pre and post cumulative averages		AWS 10th percentile average in years pre and post AWS		Pre and post cumulative averages		AWS 5th percentile average in years pre and post AWS		Pre and post cumulative averages		AWS 1st percentile average in years pre and post AWS	
												Av #	Av C	Av #	Av C	Av #	Av C	Av #	Av C				
1910	38	114.4	3.0	1910	14	26.3	1.9	1910	0	0.0													
1911	31	100.6	3.2	1911	10	21.5	2.2	1911	0	0.0													
1912	26	75.5	2.9	1912	9	16.4	1.8	1912	0	0.0													
1913	29	95.0	3.3	1913	6	8.7	1.5	1913	1	0.0	0.0												
1914	25	72.1	2.9	1914	12	24.5	2.0	1914	0	0.0													
1915	15	54.4	3.6	1915	3	8.3	2.8	1915	0	0.0													
1916	31	77.6	2.5	1916	17	27.2	1.6	1916	2	0.8	0.4												
1917	35	96.9	2.8	1917	15	22.2	1.5	1917	3	0.3	0.1												
1918	14	42.7	3.1	1918	5	9.9	2.0	1918	1	-0.4	-0.4												
1919	16	47.3	3.0	1919	7	14.5	2.1	1919	0	0.0													
1920	32	76.4	2.4	1920	18	24.8	1.4	1920	4	-2.2	-0.6												
1921	16	41.3	2.6	1921	11	20.9	1.9	1921	1	-0.3	-0.3												
1922	27	70.1	2.6	1922	13	20.6	1.6	1922	2	0.4	0.2												
1923	31	85.7	2.8	1923	12	19.7	1.6	1923	1	-1.1	-1.1												
1924	30	92.8	3.1	1924	12	25.8	2.2	1924	0	0.0													
1925	42	124.0	3.0	1925	20	39.4	2.0	1925	1	0.3	0.3												
1926	31	86.2	2.8	1926	15	27.5	1.8	1926	1	0.6	0.6												
1927	20	65.4	3.3	1927	5	9.1	1.8	1927	0	0.0													
1928	25	75.6	3.0	1928	10	20.7	2.1	1928	1	0.0	0.0												
1929	33	95.7	2.9	1929	16	33.7	2.1	1929	1	0.0	0.0												
1930	28	71.9	2.6	1930	16	25.3	1.6	1930	4	0.6	0.2												
1931	46	111.0	2.4	1931	29	46.8	1.6	1931	7	0.4	0.1												
1932	32	84.5	2.6	1932	17	30.6	1.8	1932	2	0.1	0.1												
1933	33	96.7	2.9	1933	15	32.3	2.2	1933	0	0.0													
1934	23	64.1	2.8	1934	9	18.7	2.1	1934	0	0.0													
1935	31	95.7	3.1	1935	11	22.7	2.1	1935	0	0.0													
1936	15	43.9	2.9	1936	8	17.4	2.2	1936	1	0.2	0.2												
1937	9	28.3	3.1	1937	1	1.1	1.1	1937	0	0.0													
1938	28	87.7	3.1	1938	10	23.0	2.3	1938	0	0.0													
1939	41	117.5	2.9	1939	16	26.9	1.7	1939	1	-0.1	-0.1												
1940	23	69.8	3.0	1940	10	20.4	2.0	1940	0	0.0													
1941	16	53.7	3.4	1941	4	9.0	2.3	1941	0	0.0													
1942	43	131.9	3.1	1942	15	25.9	1.7	1942	1	0.5	0.5												
1943	35	91.1	2.6	1943	17	26.3	1.5	1943	2	0.2	0.1												
1944	27	87.2	3.2	1944	10	22.5	2.3	1944	0	0.0													
1945	13	36.5	2.8	1945	7	13.1	1.9	1945	1	0.3	0.3												
1946	22	63.8	2.9	1946	10	19.2	1.9	1946	0	0.0													
1947	21	54.6	2.6	1947	12	19.8	1.7	1947	2	-0.6	-0.3												
1948	20	63.1	3.2	1948	8	15.9	2.0	1948	0	0.0													
1949	19	63.8	3.4	1949	5	11.4	2.3	1949	0	0.0													
1950	29	83.6	2.9	1950	11	16.5	1.5	1950	2	0.0	0.0												
1951	30	66.7	2.2	1951	19	25.2	1.3	1951	4	-3.6	-0.9												
1952	29	77.0	2.7	1952	16	31.3	2.0	1952	1	0.6	0.6												
1953	53	110.7	2.1	1953	30	26.8	0.9	1953	14	-6.6	-0.5												
1954	51	126.1	2.5	1954	29	47.0	1.6	1954	5	-1.1	-0.2												
1955	45	103.3	2.3	1955	28	43.0	1.5	1955	5	-0.2	-0.0												
1956	72	155.8	2.2	1956	41	37.1	0.9	1956	15	-5.5	-0.4												
1957	44	87.1	2.0	1957	28	29.9	1.1	1957	10	-3.2	-0.3												
1958	41	108.8	2.7	1958	23	45.0	2.0	1958	1	-1.3	-1.3												
1959	30	73.2	2.4	1959	17	27.9	1.6	1959	3	1.3	0.4												
1960	64	135.7	2.1	1960	37	37.3	1.0	1960	11	-8.4	-0.8												
1961	54	126.9	2.4	1961	30	42.1	1.4	1961	6	0.4	0.1												
1962	42	89.2	2.1	1962	29	39.4	1.4	1962	7	-1.9	-0.3												
1963	39	99.1	2.5	1963	22	32.3	1.5	1963	4	1.2	0.3												
1964	48	92.3	1.9	1964	30	27.5	0.9	1964	11	-10.3	-0.9												
1965	45	107.1	2.4	1965	27	43.8	1.6	1965	4	-0.1	-0.0												
1966	60	116.2	1.9	1966	36	26.6	0.7	1966	18	-7.7	-0.4												
1967	54	142.6	2.6	1967	24	29.6	1.2	1967	7	-2.1	-0.3												
1968	71	148.9	2.1	1968	44	52.1	1.2	1968	12	-6.9	-0.6												
1969	55	97.5	1.8	1969	36	28.7	0.8	1969	14	-14.0	-1.0												
1970	50	130.6	2.6	1970	23	31.9	1.4	1970	7	0.9	0.1												
1971	60	147.1	2.5	1971	32	44.3	1.4	1971	10	0.1	0.0												
1972	32	80.9	2.5	1972	16	21.9	1.4	1972	6	1.8	0.3												
1973	38	91.4	2.4	1973	19	23.2	1.2	1973	4	-1.0	-0.3												
1974	33	75.2	2.3	1974	22	35.8	1.6	1974	3	-0.2	-0.1												
1975	56	121.5	2.2	1975	36	51.4	1.4	1975	9	-1.9	-0.2	20 years	44.5	2.3	20 years	25.4	1.3	20 years	6.6	-0.4			
1976	58	129.2	2.2	1976	37	55.6	1.5	1976	6	-1.8	-0.3	19 years	43.8	2.3	19 years	24.8	1.3	19 years	6.6	-0.4			
1977	43	113.1	2.6	1977	16	17.1	1.1	1977	4	-4.6	-1.2	18 years	43.8	2.3	18 years	25.3	1.3	18 years	6.8	-0.3			
1978	34	101.1	3.0	1978	12	18.1	1.5	1978	2	-0.3	-0.2	17 years	44.4	2.2	17 years	26.1	1.3	17 years	7.1	-0.3			
1979	45	102.0	2.3	1979	29	44.3	1.5	1979	5	1.1	0.2	16 years	44.4	2.2	16 years	25.9	1.3	16 years	7.2	-0.4			
1980	44	112.5	2.6	1980	21	30.5	1.5	1980	3	0.6	0.2	15 years	44.4	2.2	15 years	26.2	1.2	15 years	7.5	-0.4			
1981	51	89.2	1.7	1981	38	41.1	1.1	1981	11	-9.1	-0.8	14 years	43.9	2.2	14 years	25.4	1.2	14 years	7.2	-0.4			
1982	50	97.3	1.9	1982	32	28.4	0.9	1982	13	-9.3	-0.7	13 years	43.5	2.3	13 years	24.8	1.3	13 years	6.8	-0.4			
1983	36	73.6	2.0	1983	19	11.0	0.6	1983	8	-8.2	-1.0	12 years	44.1	2.3	12 years	25.3	1.3	12 years	6.7	-0.3			
1984	41	107.3	2.6	1984	20	31.4	1.6	1984	5	1.3	0.3	11 years	44.4	2.3	11 years	25.8	1.3	11 years	6.8	-0.4			
1985	41	94.1	2.3	1985	24	34.2	1.4	1985	4	-1.5	-0.4	10 years	44.7	2.2	10 years	26.0	1.3	10 years	7.1	-0.4			
1986	52	118.3	2.3	1986	27	28.																	



10th 13.0	Annual # days below 10th percentile	Annual total C in days below 10th percentile	Annual average C in days below 10th percentile	5th 11.0	Annual # days below 5th percentile	Annual total C in days below 5th percentile	Annual average C in days below 5th percentile	1st 8.0	Annual # days below 1st percentile	Annual total C in days below 1st percentile	Annual average C in days below 1st percentile	Pre and post cumulative averages	AWS 10th percentile average in years pre and post AWS	Pre and post cumulative averages	AWS 5th percentile average in years pre and post AWS	Pre and post cumulative averages	AWS 1st percentile average in years pre and post AWS					
												Av #	Av C		Av #	Av C		Av #	Av C			
1942	1	12.0	12.0	1942	0	0.0		1942	0	0.0												
1943	0	0.0		1943	0	0.0		1943	0	0.0												
1944	6	73.2	12.2	1944	0	0.0		1944	0	0.0												
1945	48	492.2	10.3	1945	21	172.4	8.2	1945	9	54.8	6.1											
1946	56	631.8	11.3	1946	23	230.5	10.0	1946	0	0.0												
1947	36	400.3	11.1	1947	15	146.1	9.7	1947	0	0.0												
1948	57	599.0	10.5	1948	34	323.4	9.5	1948	3	16.2	5.4											
1949	69	700.1	10.1	1949	41	367.7	9.0	1949	12	82.9	6.9											
1950	41	413.8	10.1	1950	23	201.6	8.8	1950	7	46.0	6.6											
1951	29	332.9	11.5	1951	9	91.0	10.1	1951	0	0.0												
1952	46	495.6	10.8	1952	22	206.7	9.4	1952	3	23.0	7.7											
1953	54	565.0	10.5	1953	31	283.6	9.1	1953	5	29.8	6.0											
1954	39	412.3	10.6	1954	20	179.2	9.0	1954	6	38.9	6.5											
1955	3	34.2	11.4	1955	2	21.5	10.8	1955	0	0.0												
1956	24	282.6	11.8	1956	5	51.6	10.3	1956	0	0.0												
1957	30	313.9	10.5	1957	16	145.7	9.1	1957	4	28.2	7.1											
1958	34	356.8	10.5	1958	18	171.1	9.5	1958	1	6.1	6.1											
1959	21	234.0	11.1	1959	7	67.8	9.7	1959	0	0.0												
1960	52	551.1	10.6	1960	24	215.0	9.0	1960	4	28.5	7.1											
1961	70	748.4	10.7	1961	30	273.5	9.1	1961	6	40.5	6.8											
1962	27	290.1	10.7	1962	13	120.4	9.3	1962	4	29.5	7.4											
1963	55	530.6	9.6	1963	29	216.8	7.5	1963	16	92.6	5.8											
1964	37	391.2	10.6	1964	18	159.3	8.9	1964	6	41.2	6.9											
1965	36	347.9	9.7	1965	20	154.6	7.7	1965	11	67.7	6.2											
1966	35	386.7	11.0	1966	18	179.2	10.0	1966	0	0.0												
1967	71	718.3	10.1	1967	42	370.7	8.8	1967	11	78.1	7.1											
1968	12	138.1	11.5	1968	5	53.3	10.7	1968	0	0.0												
1969	37	444.2	12.0	1969	6	60.9	10.2	1969	0	0.0		20 years	27.6	10.8	20 years	14.2	9.4	20 years	3.0	7.2		
1970	52	569.8	11.0	1970	22	212.3	9.7	1970	2	15.0	7.5	19 years	27.6	10.8	19 years	14.3	9.4	19 years	3.0	7.2		
1971	42	433.3	10.3	1971	24	212.3	8.8	1971	6	41.0	6.8	18 years	28.1	10.8	18 years	14.5	9.5	18 years	3.1	7.2		
1972	33	354.3	10.7	1972	14	128.5	9.2	1972	1	7.8	7.8	17 years	27.9	10.8	17 years	14.5	9.5	17 years	3.1	7.2		
1973	15	172.2	11.5	1973	5	51.5	10.3	1973	0	0.0		16 years	28.9	10.8	16 years	15.1	9.4	16 years	3.3	7.2		
1974	40	418.7	10.5	1974	21	186.2	8.9	1974	7	49.9	7.1	15 years	27.4	10.8	15 years	14.6	9.4	15 years	3.3	7.1		
1975	19	206.4	10.9	1975	8	74.6	9.3	1975	1	6.1	6.1	14 years	26.4	10.8	14 years	13.4	9.5	14 years	3.1	7.1		
1976	71	767.9	10.8	1976	33	306.6	9.3	1976	7	50.0	7.1	13 years	25.7	10.9	13 years	12.7	9.5	13 years	2.8	7.2		
1977	63	627.5	10.0	1977	40	347.9	8.7	1977	13	91.7	7.1	12 years	23.4	11.0	12 years	11.1	9.6	12 years	2.0	7.3		
1978	26	280.8	10.8	1978	12	111.4	9.3	1978	3	22.5	7.5	11 years	24.3	11.0	11 years	11.4	9.6	11 years	2.1	7.2		
1979	20	208.1	10.4	1979	11	99.8	9.1	1979	2	15.4	7.7	10 years	24.5	11.0	10 years	11.4	9.6	10 years	2.3	7.2		
1980	31	335.9	10.8	1980	14	130.4	9.3	1980	2	14.9	7.5	9 years	24.7	11.1	9 years	11.3	9.7	9 years	2.2	7.3		
1981	11	123.1	11.2	1981	5	50.4	10.1	1981	0	0.0		8 years	23.8	11.1	8 years	10.4	9.7	8 years	2.1	7.3		
1982	52	571.3	11.0	1982	23	216.6	9.4	1982	4	29.9	7.5	7 years	22.7	11.2	7 years	9.3	9.8	7 years	1.7	7.4		
1983	42	425.1	10.1	1983	32	298.7	9.3	1983	6	42.3	7.1	6 years	22.7	11.3	6 years	9.2	9.8	6 years	1.7	7.4		
1984	35	350.5	10.0	1984	22	193.6	8.8	1984	7	45.5	6.5	5 years	21.8	11.4	5 years	8.6	9.9	5 years	2.0	7.4		
1985	53	520.9	9.8	1985	32	265.5	8.3	1985	12	81.2	6.8	4 years	25.0	11.3	4 years	10.0	9.7	4 years	2.5	7.4		
1986	14	149.3	10.7	1986	8	76.5	9.6	1986	1	7.5	7.5	3 years	17.0	11.5	3 years	6.3	9.9	3 years	1.3	7.7		
1987	22	241.4	11.0	1987	11	107.8	9.8	1987	0	0.0		2 years	15.0	11.6	2 years	5.0	10.0	2 years	1.0	7.5		
1988	23	238.5	10.4	1988	12	107.6	9.0	1988	3	21.4	7.1	1 years	8.0	12.0	1 years	1.0	10.4	1 years	0.0			
1989	32	332.6	10.4	1989	19	176.3	9.3	1989	3	21.0	7.0	0 years	8.0	12.1	0 years	1.0	10.0	0 years	0.0			
1990	31	325.9	10.5	1990	18	166.5	9.3	1990	5	35.0	7.0	1 years	57.0	10.8	1 years	32.0	9.6	1 years	9.0	7.3		
1991	23	253.6	11.0	1991	10	95.8	9.6	1991	2	14.5	7.3	2 years	44.5	10.9	2 years	24.5	9.5	2 years	7.5	7.0		
1992	27	293.9	10.9	1992	12	113.8	9.5	1992	0	0.0		3 years	46.0	11.0	3 years	25.0	9.7	3 years	5.7	7.1		
1993	9	103.5	11.5	1993	3	31.0	10.3	1993	0	0.0		4 years	51.5	10.7	4 years	30.5	9.5	4 years	7.5	7.0		
1994	49	533.2	10.9	1994	21	192.5	9.2	1994	6	41.9	7.0	5 years	47.6	10.9	5 years	26.2	9.5	5 years	6.2	7.1		
1995	21	235.6	11.2	1995	9	87.9	9.8	1995	2	15.7	7.9	6 years	46.5	10.7	6 years	25.7	9.2	6 years	7.3	7.0		
1996	22	245.4	11.2	1996	9	86.8	9.6	1996	2	14.9	7.5	7 years	43.1	10.8	7 years	23.3	9.3	7 years	6.6	7.0		
1997	8	96.1	12.0	1997	1	10.4	10.4	1997	0	0.0		8 years	45.6	10.8	8 years	24.9	9.3	8 years	6.1	7.0		
1998	8	97.0	12.1	1998	1	10.0	10.0	1998	0	0.0		9 years	44.3	10.7	9 years	24.8	9.3	9 years	6.2	7.0		
1999	57	618.0	10.8	1999	32	306.0	9.6	1999	9	66.0	7.3	10 years	45.9	10.6	10 years	25.7	9.3	10 years	6.4	7.0		
2000	32	349.0	10.9	2000	17	160.0	9.4	2000	6	42.0	7.0	11 years	44.6	10.6	11 years	25.1	9.3	11 years	6.1	7.1		
2001	49	548.0	11.2	2001	26	260.0	10.0	2001	2	14.0	7.0	12 years	42.5	10.7	12 years	23.4	9.4	12 years	5.6	7.1		
2002	68	680.0	10.0	2002	47	420.0	8.9	2002	13	88.0	6.8	13 years	44.5	10.7	13 years	24.8	9.3	13 years	6.1	7.0		
2003	32	368.4	11.5	2003	9	86.6	9.6	2003	1	7.5	7.5	14 years	45.6	10.7	14 years	25.4	9.3	14 years	5.7	7.0		
2004	41	400.8	9.8	2004	23	181.8	7.9	2004	13	80.2	6.2	15 years	44.7	10.7	15 years	24.8	9.3	15 years	5.5	7.1		
2005	23	256.8	11.2	2005	9	87.8	9.8	2005	2	14.7	7.4	16 years	44.3	10.7	16 years	24.6	9.4	16 years	5.2	7.1		
2006	63	670.7	10.6	2006	36	342.9	9.5	2006	3	21.4	7.1	17 years	44.4	10.7	17 years	24.3	9.4	17 years	4.9	7.2		
2007	34	340.1	10.0	2007	24	218.2	9.1	2007	7	47.9	6.8	18 years	42.7	10.7	18 years	23.4	9.4	18 years	4.7	7.2		
2008	60	613.9	10.2	2008	34	299.8	8.8	2008	8	55.2	6.9	19 years	41.8	10.7	19 years	22.6	9.4	19 years	4.5	7.2		
2009	32	336.3	10.5	2009	19	179.9	9.5	2009	3	23.0	7.7	20 years	42.5	10.7	20 years	22.9	9.4	20 years	4.4	7.2		
2010	19	225.1	11.8	2010	5	51.8	10.4	2010	0	0.0												
2011	68	672.6	9.9	2011	42	359.3	8.6	2011	12	73.7	6.1											
2012	61	649.7	10.7	2012	33	313.0	9.5															



10th 11.3	Annual # days below 10th percentile	Annual total C in days below 10th percentile	Annual average C in days below 10th percentile	5th 9.5	Annual # days below 5th percentile	Annual total C in days below 5th percentile	Annual average C in days below 5th percentile	1st 6.8	Annual # days below 1st percentile	Annual total C in days below 1st percentile	Annual average C in days below 1st percentile	Pre and post cumulative averages		AWS 10th percentile average in years pre and post AWS		Pre and post cumulative averages		AWS 5th percentile average in years pre and post AWS		Pre and post cumulative averages		AWS 1st percentile average in years pre and post AWS	
												Av #	Av C	Av #	Av C	Av #	Av C	Av #	Av C				
1952	44	404.9	9.2	1952	24	193.5	8.1	1952	1	6.7	6.7												
1953	11	119.5	10.9	1953	0	0.0		1953	0	0.0													
1954	10	105.6	10.6	1954	1	9.4	9.4	1954	0	0.0													
1955	30	291.5	9.7	1955	14	123.0	8.8	1955	1	6.7	6.7												
1956	43	359.6	8.4	1956	27	189.9	7.0	1956	14	78.9	5.6												
1957	36	308.6	8.6	1957	24	186.8	7.8	1957	8	44.5	5.6												
1958	35	318.1	9.1	1958	18	135.4	7.5	1958	5	25.0	5.0												
1959	25	236.0	9.4	1959	13	109.2	8.4	1959	0	0.0													
1960	41	384.6	9.4	1960	17	131.6	7.7	1960	5	30.0	6.0												
1961	41	358.1	8.7	1961	24	176.7	7.4	1961	7	36.1	5.2												
1962	37	369.1	10.0	1962	10	84.7	8.5	1962	0	0.0													
1963	33	318.5	9.7	1963	13	107.3	8.3	1963	2	12.7	6.4												
1964	30	280.7	9.4	1964	13	102.1	7.9	1964	3	16.6	5.5												
1965	33	304.1	9.2	1965	15	111.9	7.5	1965	4	18.8	4.7												
1966	62	565.1	9.1	1966	30	225.9	7.5	1966	8	48.1	6.0												
1967	52	436.1	8.4	1967	31	215.9	7.0	1967	15	84.9	5.7												
1968	52	454.7	8.7	1968	29	211.3	7.3	1968	10	47.9	4.8												
1969	53	496.6	9.4	1969	25	205.3	8.2	1969	2	13.4	6.7												
1970	44	396.1	9.0	1970	27	216.7	8.0	1970	4	24.0	6.0												
1971	69	614.2	8.9	1971	43	338.9	7.9	1971	9	52.6	5.8												
1972	37	338.7	9.2	1972	15	105.1	7.0	1972	8	50.7	6.3												
1973	14	139.1	9.9	1973	5	41.5	8.3	1973	1	6.5	6.5												
1974	37	360.6	9.7	1974	14	119.5	8.5	1974	1	6.8	6.8												
1975	26	238.5	9.2	1975	15	124.3	8.3	1975	2	12.8	6.4												
1976	43	374.9	8.7	1976	24	177.7	7.4	1976	7	37.4	5.3												
1977	32	303.2	9.5	1977	16	133.6	8.4	1977	0	0.0													
1978	39	356.7	9.1	1978	23	187.7	8.2	1978	4	24.2	6.1												
1979	42	384.4	9.2	1979	22	178.4	8.1	1979	4	26.2	6.6												
1980	32	293.7	9.2	1980	17	137.3	8.1	1980	4	26.4	6.6												
1981	38	342.8	9.0	1981	22	172.7	7.9	1981	6	34.0	5.7												
1982	42	356.4	8.5	1982	30	229.1	7.6	1982	12	72.2	6.0												
1983	31	294.0	9.5	1983	15	125.4	8.4	1983	2	12.4	6.2												
1984	47	427.7	9.1	1984	26	206.4	7.9	1984	5	28.2	5.6												
1985	33	287.6	8.7	1985	19	141.8	7.5	1985	6	37.1	6.2												
1986	40	357.2	8.9	1986	25	199.0	8.0	1986	6	33.0	5.5												
1987	30	297.3	9.9	1987	10	86.4	8.6	1987	0	0.0													
1988	30	298.2	9.9	1988	9	78.4	8.7	1988	0	0.0													
1989	33	292.5	8.9	1989	20	156.2	7.8	1989	5	32.8	6.6												
1990	34	323.2	9.5	1990	14	112.7	8.1	1990	2	6.8	3.4												
1991	20	195.3	9.8	1991	9	77.7	8.6	1991	0	0.0													
1992	28	271.7	9.7	1992	10	83.9	8.4	1992	0	0.0													
1993	39	383.1	9.8	1993	14	120.8	8.6	1993	0	0.0													
1994	48	435.2	9.1	1994	29	238.3	8.2	1994	1	5.3	5.3												
1995	42	386.1	9.2	1995	19	148.6	7.8	1995	4	23.7	5.9												
1996	14	135.7	9.7	1996	5	39.4	7.9	1996	1	5.6	5.6												
1997	40	356.4	8.9	1997	26	207.4	8.0	1997	4	25.1	6.3												
1998	24	231.7	9.7	1998	6	44.2	7.4	1998	2	12.8	6.4	20 years	35.9	9.4	20 years	17.5	8.0	20 years	3.4	6.0			
1999	45	413.9	9.2	1999	23	180.2	7.8	1999	6	36.3	6.1	19 years	36.5	9.4	19 years	18.1	8.1	19 years	3.4	6.0			
2000	56	518.9	9.3	2000	29	232.5	8.0	2000	4	24.5	6.1	18 years	36.1	9.4	18 years	17.8	8.1	18 years	3.3	6.0			
2001	52	486.4	9.4	2001	23	185.0	8.0	2001	3	17.0	5.7	17 years	34.9	9.4	17 years	17.2	8.1	17 years	3.2	6.0			
2002	37	352.3	9.5	2002	16	130.2	8.1	2002	3	16.2	5.4	16 years	33.8	9.4	16 years	16.8	8.1	16 years	3.3	6.0			
2003	26	251.4	9.7	2003	11	90.8	8.3	2003	1	5.9	5.9	15 years	33.6	9.4	15 years	16.9	8.1	15 years	3.3	6.0			
2004	38	356.8	9.4	2004	19	157.1	8.3	2004	1	5.6	5.6	14 years	34.1	9.3	14 years	17.3	8.1	14 years	3.4	6.1			
2005	25	232.3	9.3	2005	12	95.5	8.0	2005	3	17.1	5.7	13 years	33.8	9.3	13 years	17.2	8.1	13 years	3.6	6.1			
2006	57	487.7	8.6	2006	38	291.1	7.7	2006	12	71.3	5.9	12 years	34.6	9.3	12 years	17.6	8.1	12 years	3.7	6.1			
2007	45	392.7	8.7	2007	29	225.8	7.8	2007	10	62.0	6.2	11 years	32.5	9.4	11 years	15.7	8.1	11 years	2.9	6.2			
2008	28	264.8	9.5	2008	13	107.0	8.2	2008	2	12.6	6.3	10 years	31.3	9.5	10 years	14.4	8.2	10 years	2.2	6.1			
2009	30	266.1	8.9	2009	18	140.3	7.8	2009	4	24.9	6.2	9 years	31.7	9.5	9 years	14.6	8.1	9 years	2.2	6.1			
2010	23	225.6	9.8	2010	7	57.6	8.2	2010	2	13.0	6.5	8 years	31.9	9.6	8 years	14.1	8.2	8 years	2.0	6.1			
2011	46	452.9	9.8	2011	18	153.5	8.5	2011	1	5.8	5.8	7 years	33.1	9.5	7 years	15.1	8.2	7 years	2.0	6.0			
2012	39	358.3	9.2	2012	18	136.1	7.6	2012	4	22.6	5.7	6 years	31.0	9.5	6 years	14.7	8.1	6 years	2.2	6.1			
2013	27	262.5	9.7	2013	8	65.6	8.2	2013	2	13.3	6.7	5 years	29.4	9.5	5 years	14.0	8.2	5 years	1.8	6.2			
2014	45	412.1	9.2	2014	29	240.6	8.3	2014	4	26.0	6.5	4 years	30.0	9.5	4 years	15.5	8.3	4 years	1.8	6.0			
2015	23	216.2	9.4	2015	13	111.0	8.5	2015	0	0.0		3 years	25.0	9.6	3 years	11.0	8.2	3 years	1.0	5.5			
2016	23	230.0	10.0	2016	8	68.9	8.6	2016	0	0.0		2 years	26.0	9.7	2 years	10.0	8.1	2 years	1.5	5.5			
2017	29	269.8	9.3	2017	12	90.8	7.6	2017	3	16.6	5.5	1 years	29.0	9.3	1 years	12.0	7.6	1 years	3.0	5.5			
2018	44	403.7	9.2	2018	26	215.4	8.3	2018	3	19.6	6.5	0 years	44.0	9.2	0 years	26.0	8.3	0 years	3.0	6.5			
2019	27	251.2	9.3	2019	12	94.3	7.9	2019	2	12.3	6.2	1 years	27.0	9.3	1 years	12.0	7.9	1 years	2.0	6.2			
2020	18	174.7	9.7	2020	5	40.5	8.1	2020	0	0.0		2 years	22.5	9.5	2 years	8.5	8.0	2 years	1.0	6.2			
2021	29	274.9	9.5	2021	12	94.5	7.9	2021	2	10.5	5.3	3 years	24.7	9.5	3 years	9.7	7.9	3 years	1.3	5.7			
2022	34	307.0	9.0	2022	15	109.2	7.3	2022	5	28.9	5.8	4 years	27.0	9.4	4 years	11.0	7.8	4 years	2.3	5.7			

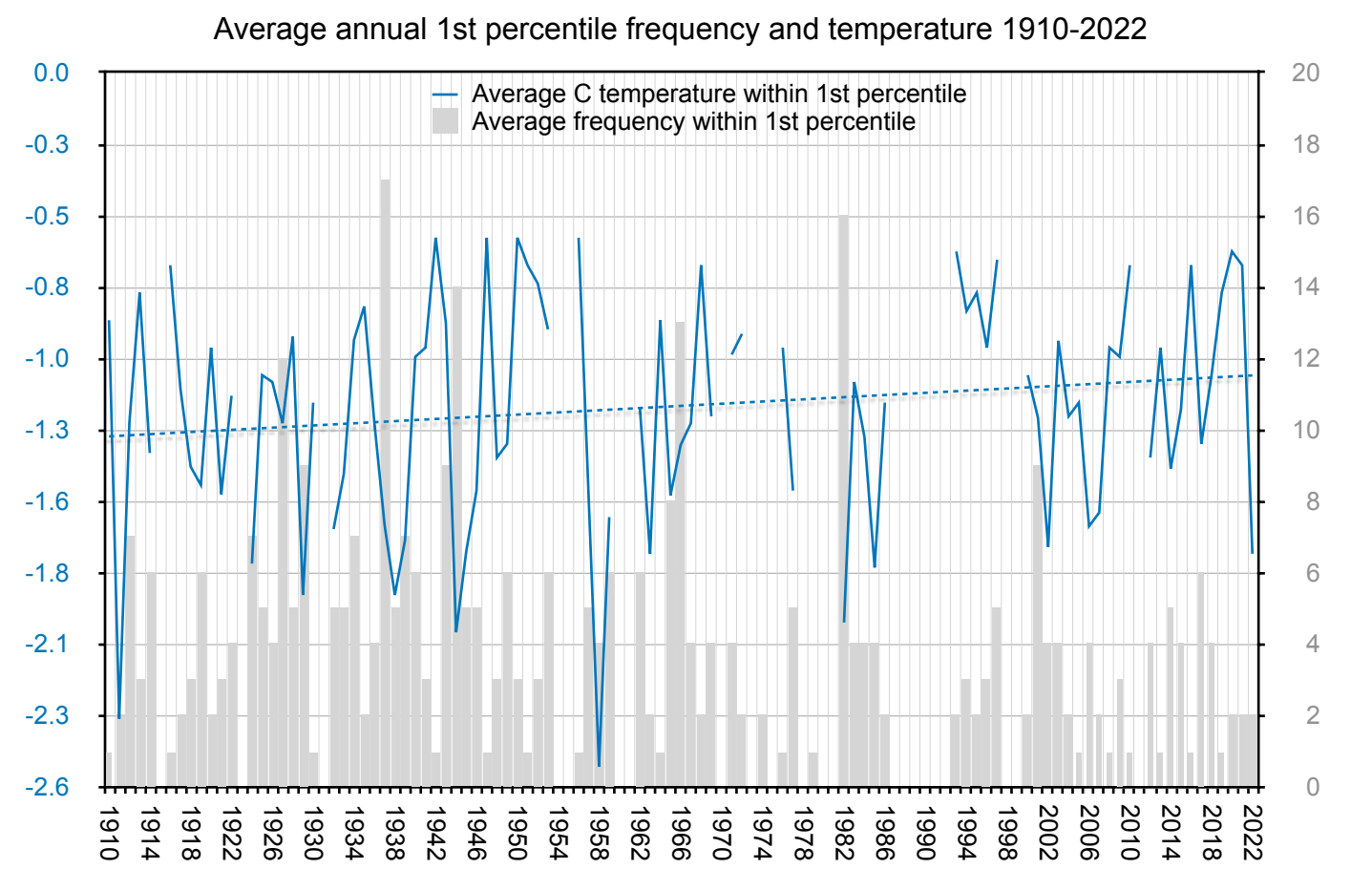
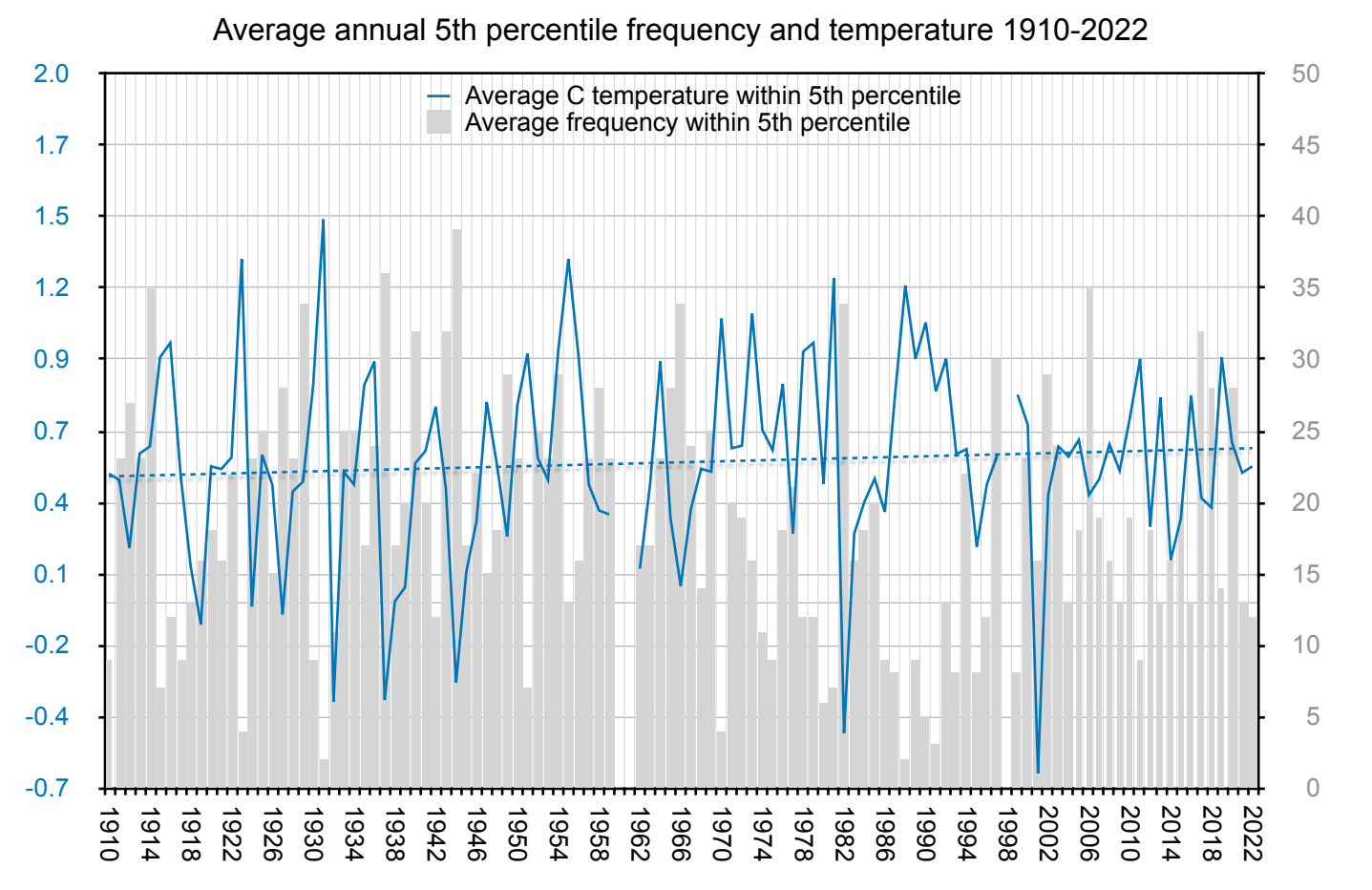
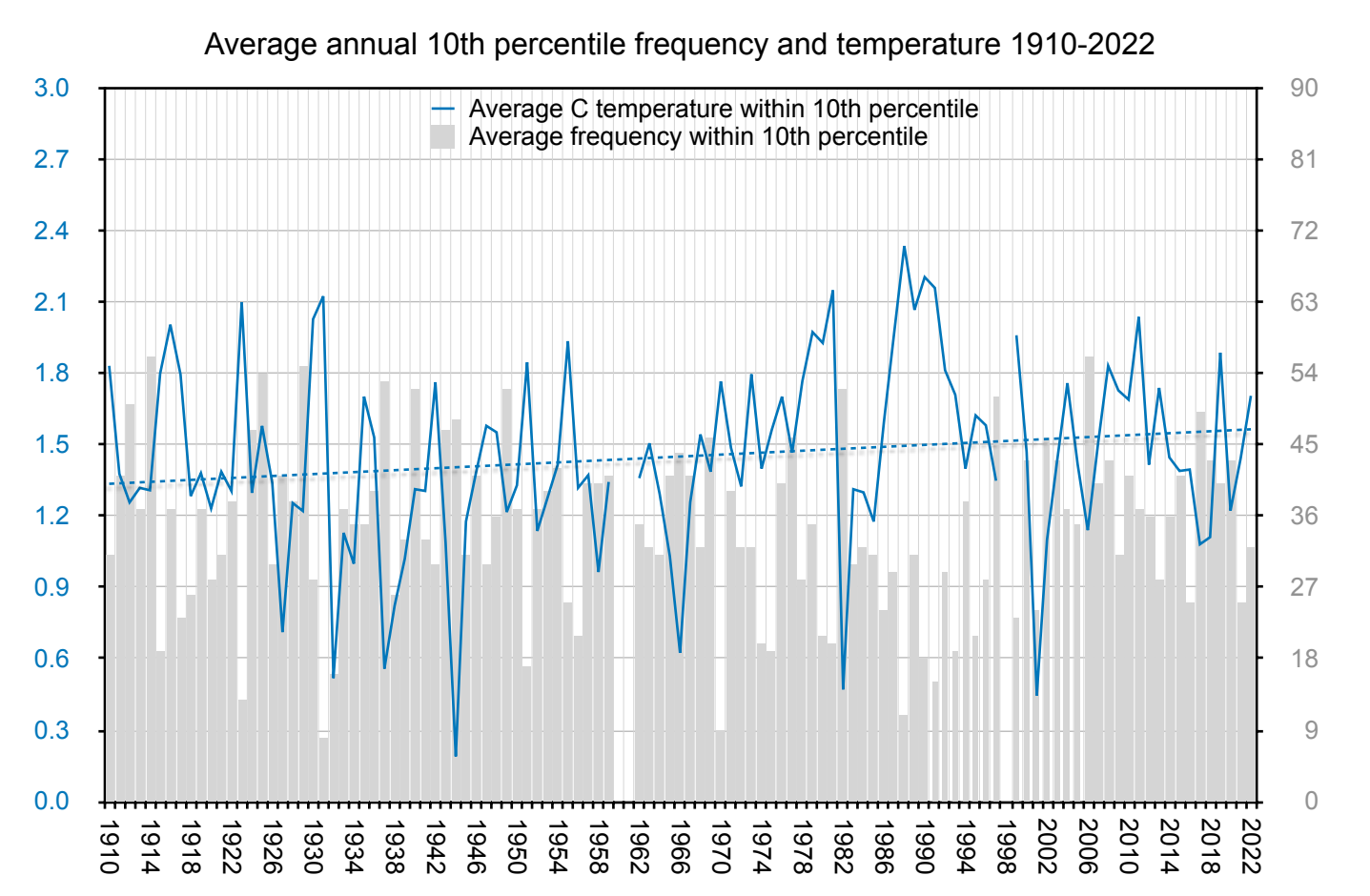






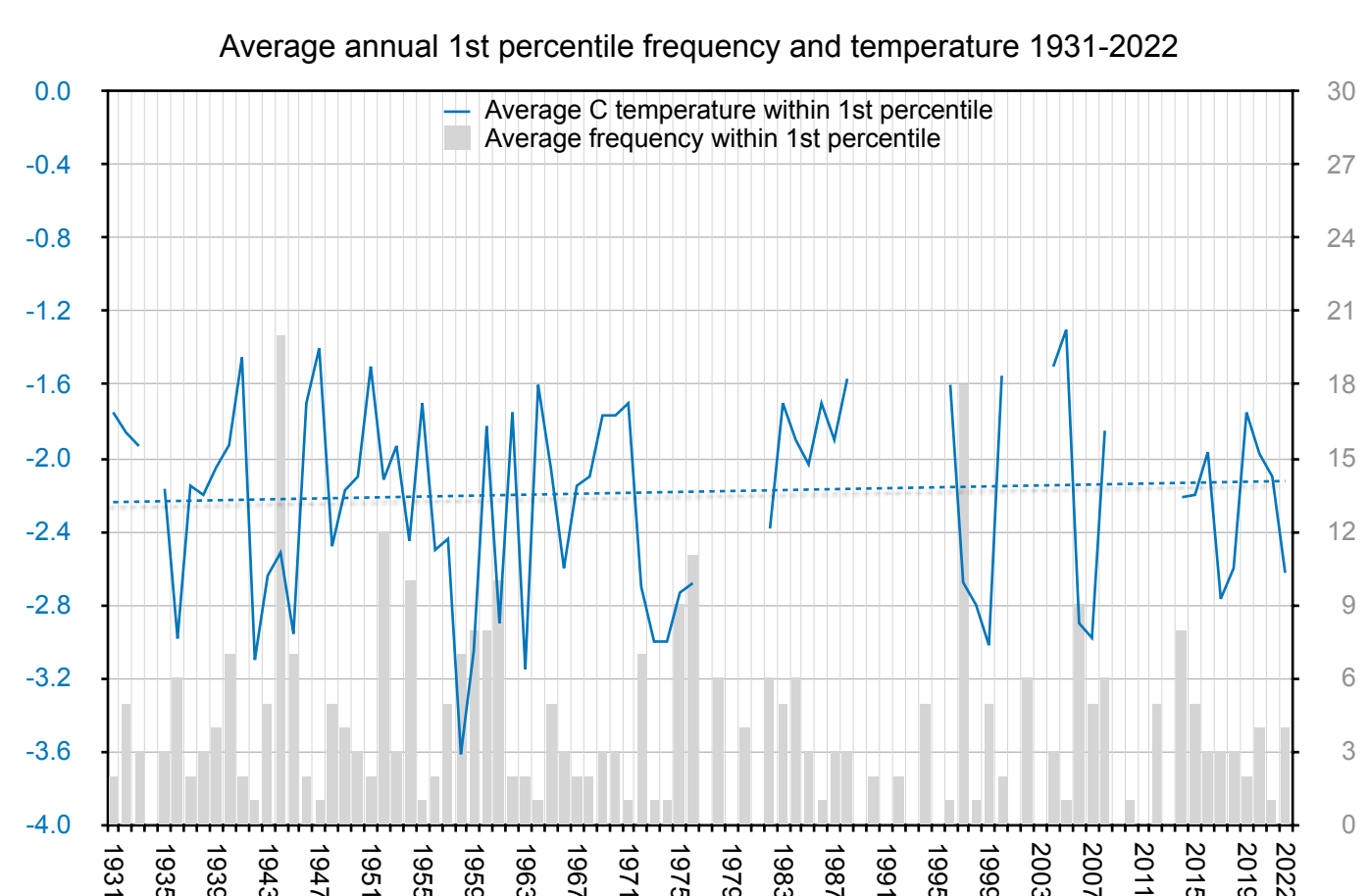
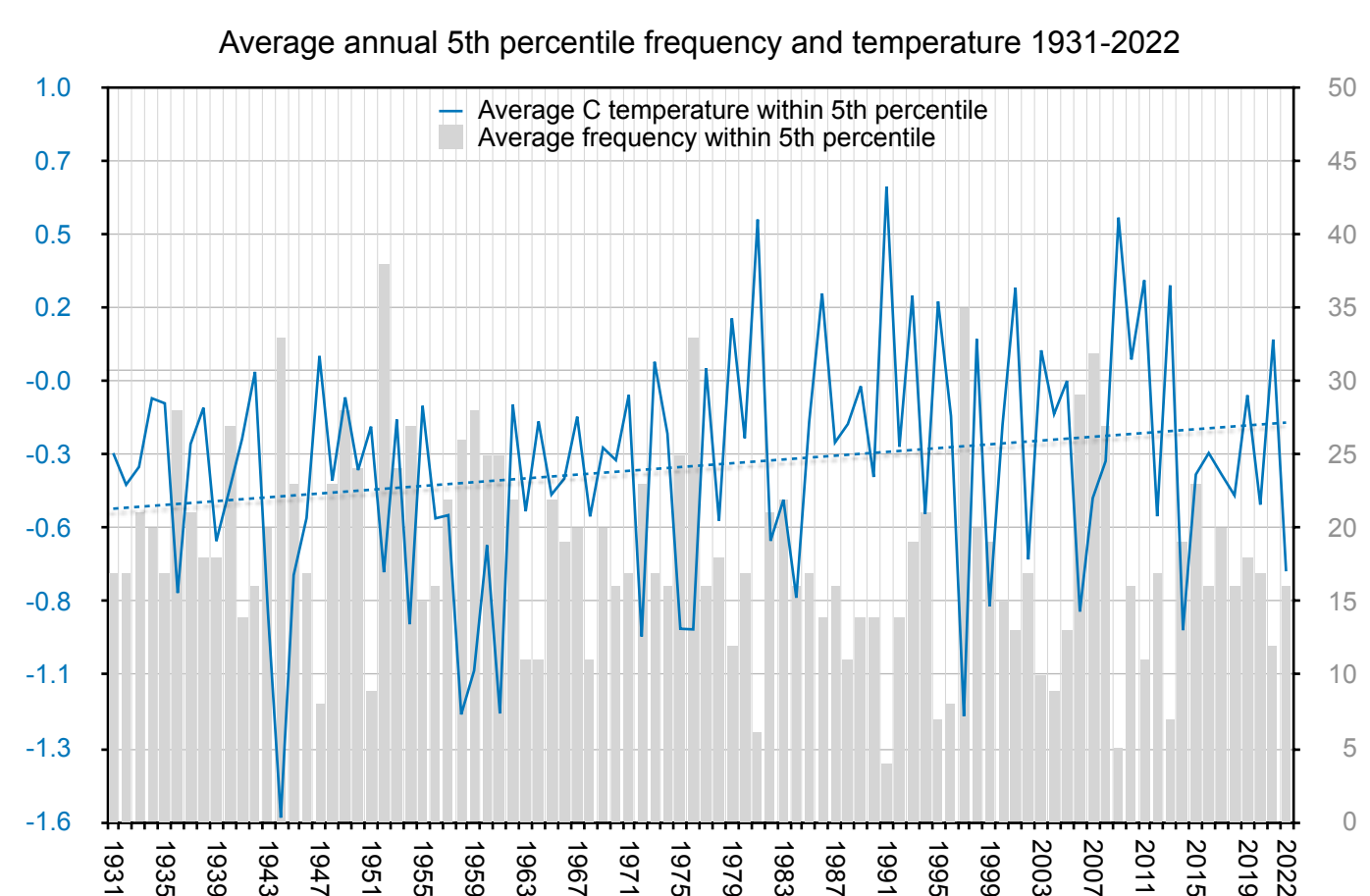
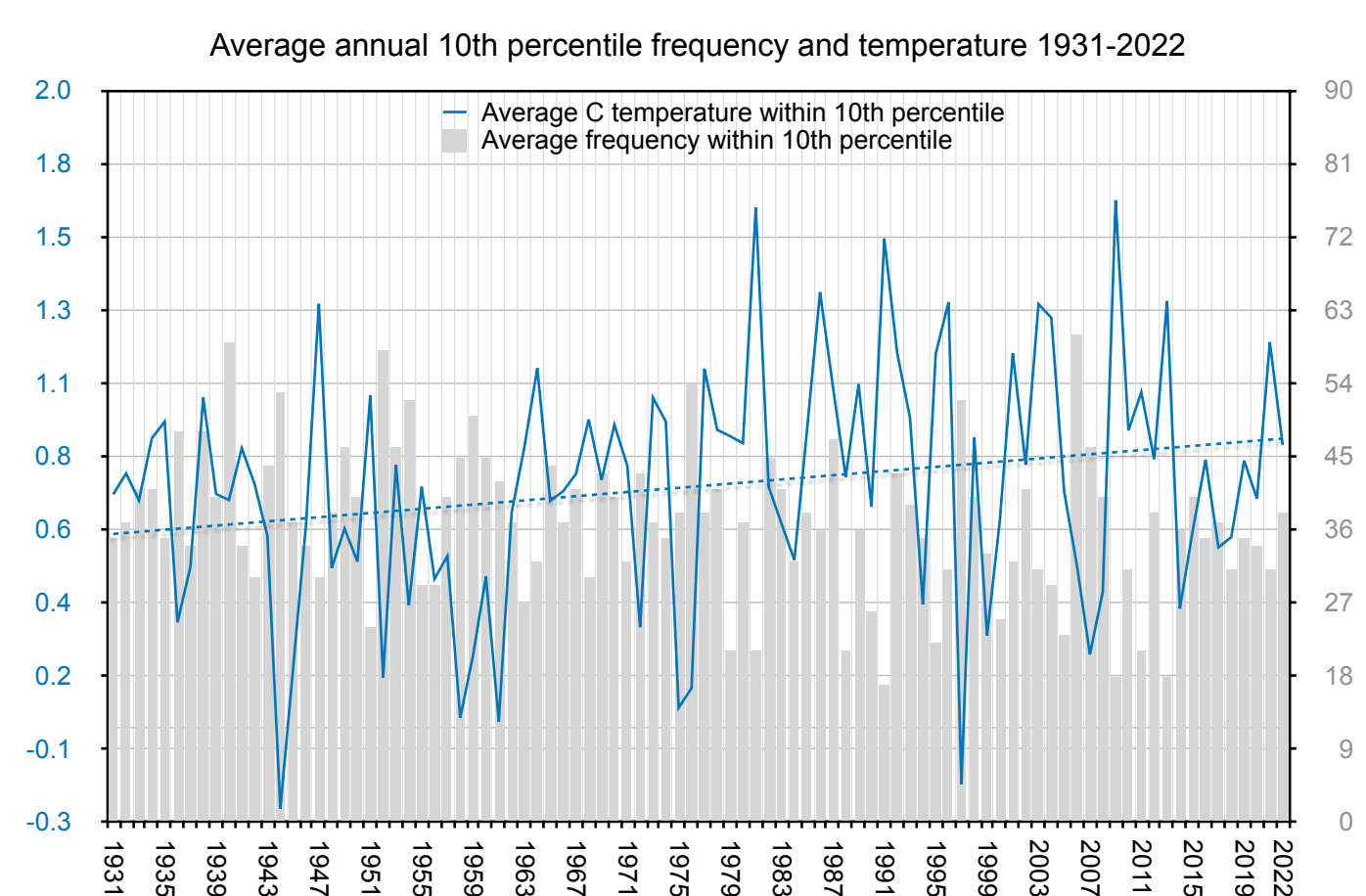


10th 3.0	Annual # days below 10th percentile	Annual total C in days below 10th percentile	Annual average C in days below 10th percentile	5th 1.7	Annual # days below 5th percentile	Annual total C in days below 5th percentile	Annual average C in days below 5th percentile	1st -0.6	Annual # days below 1st percentile	Annual total C in days below 1st percentile	Annual average C in days below 1st percentile
1910	31	56.8	1.8	1910	9	4.4	0.5	1910	1	-0.9	-0.9
1911	41	56.5	1.4	1911	23	10.7	0.5	1911	2	-4.7	-2.4
1912	50	62.9	1.3	1912	27	5.6	0.2	1912	7	-8.9	-1.3
1913	37	48.8	1.3	1913	23	13.0	0.6	1913	3	-2.4	-0.8
1914	56	73.3	1.3	1914	35	20.7	0.6	1914	6	-8.3	-1.4
1915	19	34.2	1.8	1915	7	6.5	0.9	1915	0	0.0	
1916	37	74.2	2.0	1916	12	11.8	1.0	1916	1	-0.7	-0.7
1917	23	41.3	1.8	1917	9	4.4	0.5	1917	2	-2.3	-1.2
1918	26	33.4	1.3	1918	13	1.8	0.1	1918	3	-4.3	-1.4
1919	37	51.1	1.4	1919	16	-1.3	-0.1	1919	6	-9.0	-1.5
1920	28	34.5	1.2	1920	18	9.3	0.5	1920	2	-2.0	-1.0
1921	31	43.0	1.4	1921	16	8.1	0.5	1921	3	-4.6	-1.5
1922	38	49.6	1.3	1922	22	12.1	0.6	1922	4	-4.7	-1.2
1923	13	27.3	2.1	1923	4	5.2	1.3	1923	0	0.0	
1924	47	61.0	1.3	1924	23	-0.3	-0.0	1924	7	-12.5	-1.8
1925	54	85.3	1.6	1925	25	14.0	0.6	1925	5	-5.5	-1.1
1926	30	40.2	1.3	1926	15	6.7	0.4	1926	4	-4.5	-1.1
1927	41	29.2	0.7	1927	28	-1.2	-0.0	1927	12	-15.3	-1.3
1928	38	47.7	1.3	1928	23	9.7	0.4	1928	5	-4.8	-1.0
1929	55	67.2	1.2	1929	34	15.6	0.5	1929	9	-17.1	-1.9
1930	28	56.8	2.0	1930	9	7.4	0.8	1930	1	-1.2	-1.2
1931	8	17.0	2.1	1931	2	2.9	1.5	1931	0	0.0	
1932	16	8.3	0.5	1932	11	-4.1	-0.4	1932	5	-8.3	-1.7
1933	37	41.8	1.1	1933	25	12.4	0.5	1933	5	-7.3	-1.5
1934	35	35.0	1.0	1934	25	11.2	0.4	1934	7	-6.8	-1.0
1935	35	59.6	1.7	1935	17	14.0	0.8	1935	2	-1.7	-0.9
1936	39	59.7	1.5	1936	24	21.9	0.9	1936	4	-5.1	-1.3
1937	53	29.6	0.6	1937	36	-13.2	-0.4	1937	17	-28.0	-1.6
1938	26	21.4	0.8	1938	17	0.1	0.0	1938	5	-9.5	-1.9
1939	33	33.7	1.0	1939	20	1.2	0.1	1939	7	-11.9	-1.7
1940	52	68.3	1.3	1940	32	16.9	0.5	1940	6	-6.2	-1.0
1941	33	43.1	1.3	1941	20	11.5	0.6	1941	3	-3.0	-1.0
1942	30	52.9	1.8	1942	12	8.9	0.7	1942	1	-0.6	-0.6
1943	47	51.2	1.1	1943	32	13.8	0.4	1943	9	-8.2	-0.9
1944	48	9.1	0.2	1944	39	-11.7	-0.3	1944	14	-28.5	-2.0
1945	31	36.5	1.2	1945	17	2.0	0.1	1945	5	-8.7	-1.7
1946	41	56.8	1.4	1946	22	6.8	0.3	1946	5	-7.6	-1.5
1947	30	47.4	1.6	1947	15	11.4	0.8	1947	1	-0.6	-0.6
1948	36	55.9	1.6	1948	18	9.4	0.5	1948	3	-4.2	-1.4
1949	52	63.3	1.2	1949	29	7.3	0.3	1949	6	-8.1	-1.4
1950	37	49.2	1.3	1950	23	17.2	0.7	1950	3	-1.8	-0.6
1951	17	31.4	1.8	1951	7	6.6	0.9	1951	1	-0.7	-0.7
1952	37	42.1	1.1	1952	25	13.7	0.5	1952	3	-2.3	-0.8
1953	39	49.8	1.3	1953	23	10.7	0.5	1953	6	-5.6	-0.9
1954	42	59.5	1.4	1954	29	27.6	1.0	1954	0	0.0	
1955	25	48.4	1.9	1955	13	16.9	1.3	1955	0	0.0	
1956	21	27.7	1.3	1956	16	14.9	0.9	1956	1	-0.6	-0.6
1957	40	54.9	1.4	1957	23	10.3	0.4	1957	5	-7.8	-1.6
1958	40	38.6	1.0	1958	28	9.8	0.4	1958	4	-10.1	-2.5
1959	41	55.1	1.3	1959	23	7.7	0.3	1959	6	-9.7	-1.6
1960	0	0.0		1960	0	0.0		1960	0	0.0	
1961	0	0.0		1961	0	0.0		1961	0	0.0	
1962	35	47.6	1.4	1962	17	2.2	0.1	1962	6	-7.3	-1.2
1963	32	48.2	1.5	1963	17	7.6	0.4	1963	2	-3.5	-1.8
1964	31	40.1	1.3	1964	23	21.0	0.9	1964	1	-0.9	-0.9
1965	41	42.3	1.0	1965	28	9.0	0.3	1965	8	-12.3	-1.5
1966	44	27.5	0.6	1966	34	2.2	0.1	1966	13	-17.6	-1.4
1967	41	51.6	1.3	1967	24	8.5	0.4	1967	4	-5.1	-1.3
1968	32	49.4	1.5	1968	14	7.1	0.5	1968	2	-1.4	-0.7
1969	46	63.8	1.4	1969	25	12.4	0.5	1969	4	-5.0	-1.3
1970	9	15.9	1.8	1970	4	4.3	1.1	1970	0	0.0	
1971	39	58.0	1.5	1971	20	11.7	0.6	1971	4	-4.1	-1.0
1972	32	42.4	1.3	1972	19	11.3	0.6	1972	2	-1.9	-1.0
1973	32	57.5	1.8	1973	16	17.5	1.1	1973	0	0.0	
1974	20	28.0	1.4	1974	11	7.2	0.7	1974	2	-1.5	-0.8
1975	19	29.7	1.6	1975	9	5.2	0.6	1975	0	0.0	
1976	40	68.1	1.7	1976	18	14.9	0.8	1976	1	-1.0	-1.0
1977	46	67.5	1.5	1977	21	5.5	0.3	1977	5	-7.6	-1.5
1978	28	49.5	1.8	1978	12	11.4	1.0	1978	0	0.0	
1979	35	69.1	2.0	1979	12	11.8	1.0	1979	1	-0.8	-0.8
1980	21	40.5	1.9	1980	6	2.7	0.5	1980	0	0.0	
1981	20	43.0	2.2	1981	7	8.6	1.2	1981	0	0.0	
1982	52	24.5	0.5	1982	34	-16.7	-0.5	1982	16	-32.0	-2.0
1983	30	39.4	1.3	1983	16	4.2	0.3	1983	4	-4.5	-1.1
1984	32	41.6	1.3	1984	18	6.9	0.4	1984	4	-5.3	-1.3
1985	31	36.5	1.2	1985	20	9.4	0.5	1985	4	-7.2	-1.8
1986	24	38.3	1.6	1986	9	3.1	0.3	1986	2	-2.4	-1.2
1987	29	57.1	2.0	1987	8	6.3	0.8	1987	0	0.0	
1988	11	25.7	2.3	1988	2	2.4	1.2	1988	0	0.0	
1989	31	64.1	2.1	1989	9	8.3	0.9	1989	0	0.0	
1990	18	39.7	2.2	1990	5	5.3	1.1	1990	0	0.0	
1991	15	32.4	2.2	1991	3	2.4	0.8	1991	0	0.0	
1992	29	52.6	1.8	1992	13	12.0	0.9	1992	0	0.0	
1993	19	32.5	1.7	1993	8	4.5	0.6	1993	2	-1.3	-0.7
1994	38	53.2	1.4	1994	22	12.8	0.6	1994	3	-2.6	-0.9
1995	21	34.1	1.6	1995	8	1.7	0.2	1995	2	-1.6	-0.8
1996	28	44.3	1.6	1996	12	5.4	0.5	1996	3	-3.0	-1.0
1997	51	68.8	1.3	1997	30	16.7	0.6	1997	5	-3.4	-0.7
1998	0	0.0		1998	0	0.0		1998	0	0.0	
1999	23	45.1	2.0	1999	8	6.3	0.8	1999	0	0.0	
2000	43	63.2	1.5	2000	23	15.5	0.7	2000	2	-2.2	-1.1
2001	24	10.7	0.4	2001	16	-10.3	-0.6	2001	9	-11.3	-1.3
2002	46	50.6	1.1	2002	29	11.9	0.4	2002	4	-6.9	-1.7
2003	43	61.7	1.4	2003	24	14.2	0.6	2003	4	-3.9	-1.0
2004	37	65.1	1.8	2004	13	7.2	0.6	2004	2	-2.5	-1.3
2005	35	49.7	1.4	2005	18	11.1	0.6	2005	1	-1.2	-1.2
2006	56	63.9	1.1	2006	35	14.3	0.4	2006	4	-6.6	-1.7
2007	40	60.1	1.5	2007	19	8.9	0.5	2007	2	-3.2	-1.6
2008	43	78.8	1.8	2008	16	9.6	0.6	2008	1	-1.0	-1.0
2009	31	53.6	1.7	2009	13	6.5	0.5	2009	3	-3.1	-1.0
2010	41	69.3	1.7	2010	19	13.3	0.7	2010	1	-0.7	-0.7
2011	37	75.4	2.0	2011	9	8.3	0.9	2011	0	0.0	
2012	36	51.0	1.4	2012	18	5.2	0.3	2012	4	-5.6	-1.4
2013	28	48.7	1.7	2013	13	10.1	0.8	2013	1	-1.0	-1.0
2014	36	52.1	1.4	2014	16	2.6	0.2	2014	5	-7.2	-1.4
2015	41	57.0	1.4	2015	20	6.4	0.3	2015	4	-4.9	-1.2
2016	25	34.9	1.4	2016	13	10.2	0.8	2016	1	-0.7	-0.7
2017	49	53.0	1.1	2017	32	12.7	0.4	2017	6	-8.1	-1.4
2018	43	47.8	1.1	2018	28	10.1	0.4	2018	4	-4.4	-1.1
2019	40	75.5	1.9	2019	14	13.0	0.9	2019	1	-0.8	-0.8
2020	43	52.6	1.2	2020	28	17.0	0.6	2020	2	-1.3	-0.7
2021	25	36.1	1.4	2021	13	6.4	0.5	2021	2	-1.4	-0.7
2022	32	54.6	1.7	2022	12	6.2	0.5	2022	2	-3.5	-1.8
50/50	No AWS / small screen unknown			50/50	No AWS / small screen unknown			50/50	No AWS / small screen unknown		
1910-1965	34.3	44.6	1.4	1910-1965	19.6	8.3	0.5	1910-1965	4.2	-5.9	-1.3
1966-2022	32.6	48.4	1.5	1966-2022	16.1	7.8	0.6	1966-2022	2.6	-3.3	-1.1





10th 2.5	Annual # days below 10th percentile	Annual total C in days below 10th percentile	Annual average C in days below 10th percentile	5th 1.0	Annual # days below 5th percentile	Annual total C in days below 5th percentile	Annual average C in days below 5th percentile	1st -1.3	Annual # days below 1st percentile	Annual total C in days below 1st percentile	Annual average C in days below 1st percentile
1931	35	25.6	0.7	1931	17	-5.0	-0.3	1931	2	-3.5	-1.8
1932	37	29.5	0.8	1932	17	-6.9	-0.4	1932	5	-9.3	-1.9
1933	41	29.2	0.7	1933	21	-7.2	-0.3	1933	3	-5.8	-1.9
1934	41	37.2	0.9	1934	20	-2.0	-0.1	1934	0	0.0	
1935	35	33.6	1.0	1935	17	-2.0	-0.1	1935	3	-6.5	-2.2
1936	48	15.8	0.3	1936	28	-22.1	-0.8	1936	6	-17.9	-3.0
1937	34	17.1	0.5	1937	21	-5.5	-0.3	1937	2	-4.3	-2.2
1938	48	49.7	1.0	1938	18	-2.4	-0.1	1938	3	-6.6	-2.2
1939	40	29.3	0.7	1939	18	-10.9	-0.6	1939	4	-8.2	-2.1
1940	59	42.1	0.7	1940	27	-11.5	-0.4	1940	7	-13.5	-1.9
1941	34	29.8	0.9	1941	14	-3.4	-0.2	1941	2	-2.9	-1.5
1942	30	22.9	0.8	1942	16	-0.1	-0.0	1942	1	-3.1	-3.1
1943	44	26.4	0.6	1943	20	-17.1	-0.9	1943	5	-13.2	-2.6
1944	53	-13.6	-0.3	1944	33	-52.3	-1.6	1944	20	-50.3	-2.5
1945	37	6.9	0.2	1945	23	-16.7	-0.7	1945	7	-20.7	-3.0
1946	34	21.6	0.6	1946	17	-8.9	-0.5	1946	2	-3.4	-1.7
1947	30	39.9	1.3	1947	8	0.4	0.1	1947	1	-1.4	-1.4
1948	38	19.0	0.5	1948	23	-9.0	-0.4	1948	5	-12.4	-2.5
1949	46	28.7	0.6	1949	28	-2.7	-0.1	1949	4	-8.7	-2.2
1950	40	20.8	0.5	1950	24	-8.5	-0.4	1950	3	-6.3	-2.1
1951	24	25.0	1.0	1951	9	-1.8	-0.2	1951	2	-3.0	-1.5
1952	58	9.0	0.2	1952	38	-27.2	-0.7	1952	12	-25.4	-2.1
1953	46	37.9	0.8	1953	24	-4.2	-0.2	1953	3	-5.8	-1.9
1954	52	19.9	0.4	1954	27	-24.3	-0.9	1954	10	-24.5	-2.5
1955	29	21.9	0.8	1955	15	-1.9	-0.1	1955	1	-1.7	-1.7
1956	29	13.5	0.5	1956	16	-8.4	-0.5	1956	2	-5.0	-2.5
1957	40	21.5	0.5	1957	22	-11.3	-0.5	1957	5	-12.2	-2.4
1958	45	1.3	0.0	1958	26	-31.7	-1.2	1958	7	-25.3	-3.6
1959	50	11.3	0.2	1959	28	-29.8	-1.1	1959	8	-24.4	-3.1
1960	45	21.3	0.5	1960	25	-15.5	-0.6	1960	8	-14.6	-1.8
1961	42	0.7	0.0	1961	25	-30.4	-1.2	1961	10	-29.0	-2.9
1962	37	24.9	0.7	1962	22	-2.7	-0.1	1962	2	-3.5	-1.8
1963	27	23.8	0.9	1963	11	-5.5	-0.5	1963	2	-6.3	-3.2
1964	32	36.1	1.1	1964	11	-2.0	-0.2	1964	1	-1.6	-1.6
1965	44	31.3	0.7	1965	22	-9.7	-0.4	1965	5	-10.3	-2.1
1966	37	27.4	0.7	1966	19	-7.3	-0.4	1966	3	-7.8	-2.6
1967	41	32.6	0.8	1967	20	-3.3	-0.2	1967	2	-4.3	-2.2
1968	30	29.0	1.0	1968	11	-5.7	-0.5	1968	2	-4.2	-2.1
1969	43	33.4	0.8	1969	20	-5.5	-0.3	1969	3	-5.3	-1.8
1970	40	38.0	1.0	1970	16	-5.1	-0.3	1970	3	-5.3	-1.8
1971	32	26.3	0.8	1971	17	-1.5	-0.1	1971	1	-1.7	-1.7
1972	43	13.5	0.3	1972	23	-21.7	-0.9	1972	7	-18.9	-2.7
1973	37	38.3	1.0	1973	17	0.5	0.0	1973	1	-3.0	-3.0
1974	35	33.6	1.0	1974	16	-3.6	-0.2	1974	1	-3.0	-3.0
1975	38	2.3	0.1	1975	25	-22.9	-0.9	1975	9	-24.6	-2.7
1976	54	6.6	0.1	1976	33	-30.3	-0.9	1976	11	-29.5	-2.7
1977	38	42.8	1.1	1977	16	0.1	0.0	1977	0	0.0	
1978	41	38.3	0.9	1978	18	-9.6	-0.5	1978	6	-12.7	-2.1
1979	21	19.2	0.9	1979	12	2.2	0.2	1979	0	0.0	
1980	37	33.0	0.9	1980	17	-4.1	-0.2	1980	4	-7.3	-1.8
1981	21	34.3	1.6	1981	6	3.2	0.5	1981	0	0.0	
1982	45	34.0	0.8	1982	21	-12.7	-0.6	1982	6	-14.3	-2.4
1983	41	26.2	0.6	1983	22	-10.1	-0.5	1983	5	-8.5	-1.7
1984	32	16.8	0.5	1984	16	-12.9	-0.8	1984	6	-11.4	-1.9
1985	38	35.7	0.9	1985	17	-3.1	-0.2	1985	3	-6.1	-2.0
1986	36	49.2	1.4	1986	14	3.8	0.3	1986	1	-1.7	-1.7
1987	47	50.3	1.1	1987	16	-4.1	-0.3	1987	3	-5.7	-1.9
1988	21	16.5	0.8	1988	11	-2.1	-0.2	1988	3	-4.7	-1.6
1989	36	38.8	1.1	1989	14	-0.8	-0.1	1989	0	0.0	
1990	26	18.0	0.7	1990	14	-5.3	-0.4	1990	2	-4.3	-2.2
1991	17	26.1	1.5	1991	4	2.6	0.7	1991	0	0.0	
1992	43	50.6	1.2	1992	14	-3.8	-0.3	1992	2	-2.8	-1.4
1993	39	37.9	1.0	1993	19	5.0	0.3	1993	0	0.0	
1994	35	13.5	0.4	1994	21	-10.7	-0.5	1994	5	-9.0	-1.8
1995	22	25.8	1.2	1995	7	1.7	0.2	1995	0	0.0	
1996	31	41.4	1.3	1996	8	-1.3	-0.2	1996	1	-1.6	-1.6
1997	52	-9.3	-0.2	1997	35	-42.9	-1.2	1997	18	-48.2	-2.7
1998	40	36.4	0.9	1998	20	2.2	0.1	1998	1	-2.8	-2.8
1999	33	9.5	0.3	1999	19	-15.9	-0.8	1999	5	-15.1	-3.0
2000	25	16.3	0.7	2000	15	-2.9	-0.2	2000	2	-3.1	-1.6
2001	32	37.6	1.2	2001	13	3.8	0.3	2001	0	0.0	
2002	41	33.8	0.8	2002	17	-11.4	-0.7	2002	6	-11.0	-1.8
2003	31	41.2	1.3	2003	10	0.7	0.1	2003	0	0.0	
2004	29	37.3	1.3	2004	9	-1.4	-0.2	2004	3	-4.5	-1.5
2005	23	17.0	0.7	2005	13	-0.5	-0.0	2005	1	-1.3	-1.3
2006	60	30.3	0.5	2006	29	-24.8	-0.9	2006	9	-26.1	-2.9
2007	46	10.5	0.2	2007	32	-14.5	-0.5	2007	5	-14.9	-3.0
2008	40	17.0	0.4	2008	27	-8.7	-0.3	2008	6	-11.1	-1.9
2009	18	29.8	1.7	2009	5	2.7	0.5	2009	0	0.0	
2010	31	28.9	0.9	2010	16	0.6	0.0	2010	1	-1.6	-1.6
2011	21	22.1	1.1	2011	11	3.5	0.3	2011	0	0.0	
2012	38	32.0	0.8	2012	17	-8.8	-0.5	2012	5	-10.0	-2.0
2013	18	24.1	1.3	2013	7	2.1	0.3	2013	0	0.0	
2014	36	13.4	0.4	2014	19	-17.5	-0.9	2014	8	-17.7	-2.2
2015	40	24.7	0.6	2015	23	-8.5	-0.4	2015	5	-11.0	-2.2
2016	35	29.4	0.8	2016	16	-4.7	-0.3	2016	3	-5.9	-2.0
2017	37	20.9	0.6	2017	20	-7.4	-0.4	2017	3	-8.3	-2.8
2018	31	18.5	0.6	2018	16	-7.1	-0.4	2018	3	-7.8	-2.6
2019	35	29.3	0.8	2019	18	-1.6	-0.1	2019	2	-3.5	-1.8
2020	34	24.4	0.7	2020	17	-8.1	-0.5	2020	4	-7.9	-2.0
2021	31	37.5	1.2	2021	12	1.3	0.1	2021	1	-2.1	-2.1
2022	38	33.7	0.9	2022	16	-11.4	-0.7	2022	4	-10.5	-2.6
50/50	No AWS / small screen unknown			50/50	No AWS / small screen unknown			50/50	No AWS / small screen unknown		
1910-1965	40.1	23.2	0.6	1910-1965	20.9	-11.4	-0.5	1910-1965	4.7	-11.2	-2.2
1966-2022	34.9	27.6	0.8	1966-2022	16.8	-6.1	-0.3	1966-2022	3.2	-7.4	-2.1





10th 0.7	Annual # days below 10th percentile	Annual total C in days below 10th percentile	Annual average C in days below 10th percentile	5th -0.6	Annual # days below 5th percentile	Annual total C in days below 5th percentile	Annual average C in days below 5th percentile	1st -2.6	Annual # days below 1st percentile	Annual total C in days below 1st percentile	Annual average C in days below 1st percentile	Pre and post cumulative averages		AWS 10th percentile average in years pre and post AWS		Pre and post cumulative averages		AWS 5th percentile average in years pre and post AWS		Pre and post cumulative averages		AWS 1st percentile average in years pre and post AWS		
												Av #	Av C	Av #	Av C	Av #	Av C	Av #	Av C					
1910	20	-1.2	-0.1	1910	4	-4.3	-1.1	1910	0	0.0														
1911	28	-15.0	-0.5	1911	13	-20.4	-1.6	1911	2	-5.4	-2.7													
1912	35	-26.0	-0.7	1912	17	-27.4	-1.6	1912	0	0.0														
1913	41	-39.4	-1.0	1913	25	-41.5	-1.7	1913	3	-9.6	-3.2													
1914	25	-14.4	-0.6	1914	11	-17.6	-1.6	1914	1	-3.0	-3.0													
1915	20	-6.6	-0.3	1915	6	-8.9	-1.5	1915	0	0.0														
1916	19	-11.6	-0.6	1916	10	-13.0	-1.3	1916	1	-2.7	-2.7													
1917	17	-9.1	-0.5	1917	7	-9.7	-1.4	1917	0	0.0														
1918	22	-9.3	-0.4	1918	10	-11.4	-1.1	1918	0	0.0														
1919	31	-23.0	-0.7	1919	16	-24.9	-1.6	1919	1	-2.7	-2.7													
1920	19	-4.2	-0.2	1920	6	-6.2	-1.0	1920	0	0.0														
1921	22	-14.6	-0.7	1921	12	-17.0	-1.4	1921	0	0.0														
1922	16	-16.9	-1.1	1922	11	-16.7	-1.5	1922	0	0.0														
1923	24	-6.8	-0.3	1923	9	-7.6	-0.8	1923	0	0.0														
1924	34	-22.6	-0.7	1924	19	-25.1	-1.3	1924	1	-2.9	-2.9													
1925	37	-28.7	-0.8	1925	21	-31.3	-1.5	1925	3	-9.4	-3.1													
1926	17	0.5	0.0	1926	3	-2.9	-1.0	1926	0	0.0														
1927	35	-27.7	-0.8	1927	17	-30.7	-1.8	1927	4	-12.9	-3.2													
1928	22	-9.5	-0.4	1928	10	-12.8	-1.3	1928	1	-2.7	-2.7													
1929	35	-36.7	-1.0	1929	20	-38.4	-1.9	1929	3	-8.8	-2.9													
1930	18	-6.0	-0.3	1930	7	-9.4	-1.3	1930	1	-3.3	-3.3													
1931	21	-9.3	-0.4	1931	10	-12.0	-1.2	1931	1	-3.3	-3.3													
1932	23	-11.8	-0.5	1932	11	-15.5	-1.4	1932	1	-2.9	-2.9													
1933	33	-15.6	-0.5	1933	13	-19.3	-1.5	1933	1	-3.3	-3.3													
1934	21	-9.1	-0.4	1934	10	-12.4	-1.2	1934	1	-3.9	-3.9													
1935	26	-10.0	-0.4	1935	11	-14.5	-1.3	1935	1	-2.8	-2.8													
1936	28	-19.0	-0.7	1936	17	-21.1	-1.2	1936	1	-2.8	-2.8													
1937	36	-32.5	-0.9	1937	23	-35.5	-1.5	1937	1	-2.8	-2.8													
1938	34	-15.2	-0.4	1938	15	-23.1	-1.5	1938	1	-3.3	-3.3													
1939	27	-13.5	-0.5	1939	12	-18.9	-1.6	1939	1	-2.8	-2.8													
1940	30	-9.2	-0.3	1940	13	-14.0	-1.1	1940	0	0.0														
1941	45	-31.7	-0.7	1941	25	-37.3	-1.5	1941	3	-9.5	-3.2													
1942	12	-1.1	-0.1	1942	2	-2.4	-1.2	1942	0	0.0														
1943	39	-49.9	-1.3	1943	29	-51.6	-1.8	1943	6	-18.7	-3.1													
1944	41	-54.3	-1.3	1944	32	-55.3	-1.7	1944	7	-24.4	-3.5													
1945	35	-28.7	-0.8	1945	14	-31.6	-2.3	1945	5	-16.6	-3.3													
1946	17	3.4	0.2	1946	2	-2.1	-1.1	1946	0	0.0														
1947	21	-2.5	-0.1	1947	8	-8.9	-1.1	1947	0	0.0														
1948	38	-44.7	-1.2	1948	26	-48.4	-1.9	1948	5	-17.1	-3.4													
1949	41	-33.2	-0.8	1949	22	-38.1	-1.7	1949	4	-12.3	-3.1													
1950	41	-31.7	-0.8	1950	18	-33.3	-1.9	1950	4	-12.8	-3.2													
1951	36	-19.3	-0.5	1951	18	-23.5	-1.3	1951	1	-3.2	-3.2													
1952	33	-27.2	-0.8	1952	19	-29.4	-1.5	1952	2	-6.0	-3.0													
1953	34	-19.4	-0.6	1953	15	-24.7	-1.6	1953	1	-2.7	-2.7													
1954	41	-20.1	-0.5	1954	17	-26.1	-1.5	1954	2	-6.1	-3.1													
1955	37	-18.4	-0.5	1955	13	-23.8	-1.8	1955	2	-5.9	-3.0													
1956	40	-42.5	-1.1	1956	26	-47.8	-1.8	1956	7	-22.3	-3.2													
1957	42	-39.8	-0.9	1957	25	-43.1	-1.7	1957	5	-15.5	-3.1													
1958	41	-46.2	-1.1	1958	24	-48.1	-2.0	1958	6	-20.9	-3.5													
1959	35	-39.2	-1.1	1959	22	-39.8	-1.8	1959	3	-12.2	-4.1													
1960	25	-12.6	-0.5	1960	11	-15.1	-1.4	1960	0	0.0														
1961	27	-24.4	-0.9	1961	15	-27.1	-1.8	1961	3	-9.4	-3.1													
1962	22	-6.3	-0.3	1962	8	-12.0	-1.5	1962	1	-3.8	-3.8													
1963	41	-30.3	-0.7	1963	18	-35.0	-1.9	1963	4	-13.5	-3.4													
1964	27	-19.1	-0.7	1964	12	-22.7	-1.9	1964	3	-9.8	-3.3													
1965	31	-20.6	-0.7	1965	13	-23.2	-1.8	1965	3	-8.8	-2.9													
1966	35	-26.7	-0.8	1966	19	-26.3	-1.4	1966	2	-7.1	-3.6													
1967	26	-10.1	-0.4	1967	11	-14.5	-1.3	1967	0	0.0														
1968	39	-12.0	-0.3	1968	16	-17.6	-1.1	1968	0	0.0														
1969	26	-13.6	-0.5	1969	10	-15.7	-1.6	1969	1	-3.3	-3.3													
1970	55	-47.5	-0.9	1970	27	-54.1	-2.0	1970	8	-23.0	-2.9													
1971	48	-56.3	-1.2	1971	33	-58.0	-1.8	1971	9	-27.3	-3.0													
1972	55	-74.9	-1.4	1972	36	-80.1	-2.2	1972	12	-43.9	-3.7													
1973	50	-56.1	-1.1	1973	32	-59.4	-1.9	1973	9	-31.6	-3.5													
1974	39	-31.2	-0.8	1974	22	-33.7	-1.5	1974	3	-11.2	-3.7													
1975	48	-65.3	-1.4	1975	30	-68.5	-2.3	1975	10	-40.2	-4.0													
1976	75	-81.3	-1.1	1976	47	-87.7	-1.9	1976	9	-31.8	-3.5													
1977	64	-56.2	-0.9	1977	37	-58.3	-1.6	1977	6	-18.0	-3.0													
1978	47	-55.9	-1.2	1978	28	-60.9	-2.2	1978	10	-33.0	-3.3													
1979	42	-39.6	-0.9	1979	23	-41.2	-1.8	1979	5	-16.2	-3.2													
1980	33	-33.5	-1.0	1980	20	-37.6	-1.9	1980	5	-16.5	-3.3													
1981	33	-40.7	-1.2	1981	16	-41.9	-2.6	1981	8	-27.4	-3.4													
1982	56	-52.2	-0.9	1982	29	-55.6	-1.9	1982	7	-26.3	-3.8													
1983	46	-53.8	-1.2	1983	27	-54.6	-2.0	1983	7	-25.4	-3.6													
1984	38	-19.5	-0.5	1984	15	-23.3	-1.6	1984	1	-3.2	-3.2	20 years	43.1	-0.9	20 years	22.7	-1.9	20 years	5.1	-3.2				
1985	26	-22.6	-0.9	1985	13	-25.1	-1.9	1985	3	-9.4	-3.1	19 years	43.3	-0.9	19 years	23.1	-1.9	19 years	5.3	-3.3				
1986	40	-46.5	-1.2	1986	23	-49.2	-2.1	1986	7	-23.6	-3.4	18 years	44.3	-0.9	18 years	23.7	-1.9	18 years	5.4	-3.3				
1987	39	-34.0	-0.9	1987	19	-35.7	-1.9	1987	2	-5.8	-2.9	17 years	44.5	-0.9	17 years	23.7	-1.9	17 years	5.3	-3.3				
1988	22	-6.5	-0.3																					











10th 6.0	Annual # days below 10th percentile	Annual total C in days below 10th percentile	Annual average C in days below 10th percentile	5th 4.1	Annual # days below 5th percentile	Annual total C in days below 5th percentile	Annual average C in days below 5th percentile	1st 1.5	Annual # days below 1st percentile	Annual total C in days below 1st percentile	Annual average C in days below 1st percentile	Pre and post cumulative averages	AWS 10th percentile average in years pre and post AWS	Pre and post cumulative averages	AWS 5th percentile average in years pre and post AWS	Pre and post cumulative averages	AWS 1st percentile average in years pre and post AWS					
													Av #	Av C	Av #	Av C	Av #	Av C				
1910	44	165.2	3.8	1910	23	58.2	2.5	1910	4	-0.5	-0.1											
1911	35	123.1	3.5	1911	20	49.1	2.5	1911	5	0.9	0.2											
1912	36	181.6	5.0	1912	6	21.0	3.5	1912	0	0.0												
1913	47	186.7	4.0	1913	23	62.1	2.7	1913	2	2.1	1.1											
1914	23	91.1	4.0	1914	11	32.2	2.9	1914	0	0.0												
1915	47	205.6	4.4	1915	15	43.8	2.9	1915	1	1.4	1.4											
1916	22	87.7	4.0	1916	12	37.1	3.1	1916	1	0.3	0.3											
1917	52	203.4	3.9	1917	28	79.9	2.9	1917	3	2.1	0.7											
1918	54	178.4	3.3	1918	37	94.0	2.5	1918	5	-2.7	-0.5											
1919	58	203.3	3.5	1919	32	72.8	2.3	1919	10	5.9	0.6											
1920	30	125.5	4.2	1920	11	32.3	2.9	1920	1	1.4	1.4											
1921	18	70.5	3.9	1921	10	28.3	2.8	1921	1	1.4	1.4											
1922	53	192.6	3.6	1922	32	84.6	2.6	1922	6	4.8	0.8											
1923	55	224.3	4.1	1923	27	83.1	3.1	1923	3	4.2	1.4											
1924	42	180.1	4.3	1924	16	46.2	2.9	1924	3	3.2	1.1											
1925	62	229.6	3.7	1925	31	74.7	2.4	1925	11	8.4	0.8											
1926	42	166.2	4.0	1926	20	55.0	2.8	1926	1	0.6	0.6											
1927	42	126.6	3.0	1927	27	49.1	1.8	1927	10	3.3	0.3											
1928	0	0.0		1928	0	0.0		1928	0	0.0												
1929	52	199.5	3.8	1929	26	63.4	2.4	1929	6	3.3	0.6											
1930	22	98.7	4.5	1930	8	27.0	3.4	1930	0	0.0												
1931	32	114.2	3.6	1931	21	59.0	2.8	1931	3	1.2	0.4											
1932	48	172.6	3.6	1932	30	81.3	2.7	1932	3	2.7	0.9											
1933	28	128.5	4.6	1933	8	27.4	3.4	1933	0	0.0												
1934	39	170.8	4.4	1934	15	51.4	3.4	1934	0	0.0												
1935	42	165.3	3.9	1935	25	76.8	3.1	1935	2	1.9	1.0											
1936	27	92.7	3.4	1936	16	35.4	2.2	1936	3	-0.1	-0.0											
1937	40	150.8	3.8	1937	20	53.5	2.7	1937	3	3.2	1.1											
1938	19	87.4	4.6	1938	6	18.2	3.0	1938	0	0.0												
1939	37	155.3	4.2	1939	19	64.3	3.4	1939	0	0.0												
1940	29	97.7	3.4	1940	17	35.8	2.1	1940	6	3.3	0.6											
1941	65	243.9	3.8	1941	33	83.8	2.5	1941	6	1.6	0.3											
1942	22	91.6	4.2	1942	11	35.0	3.2	1942	0	0.0												
1943	49	162.5	3.3	1943	34	86.7	2.6	1943	5	2.2	0.4											
1944	23	110.0	4.8	1944	5	16.6	3.3	1944	0	0.0												
1945	17	75.5	4.4	1945	6	20.2	3.4	1945	0	0.0												
1946	45	167.2	3.7	1946	28	81.7	2.9	1946	2	2.2	1.1											
1947	20	90.1	4.5	1947	7	23.3	3.3	1947	1	1.1	1.1											
1948	27	119.3	4.4	1948	9	32.3	3.6	1948	0	0.0												
1949	47	167.3	3.6	1949	28	69.3	2.5	1949	4	-3.4	-0.9											
1950	22	102.6	4.7	1950	8	29.4	3.7	1950	0	0.0												
1951	47	158.0	3.4	1951	26	54.8	2.1	1951	5	-2.9	-0.6											
1952	41	168.6	4.1	1952	15	36.2	2.4	1952	3	1.7	0.6											
1953	50	185.4	3.7	1953	31	91.0	2.9	1953	3	-1.2	-0.4											
1954	20	76.7	3.8	1954	12	36.1	3.0	1954	1	1.1	1.1											
1955	27	102.4	3.8	1955	14	35.6	2.5	1955	3	0.6	0.2											
1956	45	169.4	3.8	1956	23	59.4	2.6	1956	4	3.9	1.0											
1957	35	151.9	4.3	1957	12	33.3	2.8	1957	0	0.0												
1958	30	138.7	4.6	1958	5	16.1	3.2	1958	1	1.1	1.1											
1959	41	149.6	3.6	1959	22	57.0	2.6	1959	4	4.4	1.1											
1960	68	280.1	4.1	1960	25	64.5	2.6	1960	5	1.6	0.3											
1961	35	132.8	3.8	1961	19	52.8	2.8	1961	4	2.3	0.6											
1962	21	101.5	4.8	1962	3	6.7	2.2	1962	1	1.1	1.1											
1963	29	102.4	3.5	1963	16	38.0	2.4	1963	5	4.0	0.8											
1964	22	94.6	4.3	1964	9	26.6	3.0	1964	0	0.0												
1965	26	82.6	3.2	1965	18	44.4	2.5	1965	2	0.6	0.3											
1966	30	127.0	4.2	1966	8	19.4	2.4	1966	1	1.1	1.1											
1967	42	179.1	4.3	1967	17	51.7	3.0	1967	0	0.0												
1968	30	119.0	4.0	1968	14	36.6	2.6	1968	2	0.7	0.4											
1969	28	119.5	4.3	1969	10	24.9	2.5	1969	3	3.8	1.3											
1970	48	186.4	3.9	1970	22	54.2	2.5	1970	5	4.8	1.0											
1971	37	136.1	3.7	1971	19	39.9	2.1	1971	5	0.5	0.1											
1972	47	152.6	3.2	1972	29	63.5	2.2	1972	8	4.6	0.6											
1973	11	50.0	4.5	1973	4	13.0	3.3	1973	0	0.0												
1974	69	256.2	3.7	1974	33	69.3	2.1	1974	12	6.3	0.5											
1975	45	173.5	3.9	1975	22	59.5	2.7	1975	4	2.6	0.7											
1976	60	130.3	2.2	1976	48	68.6	1.4	1976	24	4.9	0.2	20 years	40.3	3.7	20 years	21.9	2.4	20 years	6.6	0.6		
1977	59	190.9	3.2	1977	34	58.0	1.7	1977	16	5.8	0.4	19 years	39.2	3.8	19 years	20.5	2.5	19 years	5.7	0.7		
1978	41	157.1	3.8	1978	22	60.3	2.7	1978	3	2.7	0.9	18 years	38.1	3.8	18 years	19.7	2.5	18 years	5.1	0.7		
1979	44	157.4	3.6	1979	24	56.8	2.4	1979	6	2.6	0.4	17 years	37.9	3.8	17 years	19.6	2.5	17 years	5.2	0.7		
1980	37	122.9	3.3	1980	23	52.3	2.3	1980	7	4.4	0.6	16 years	37.6	3.8	16 years	19.3	2.5	16 years	5.2	0.7		
1981	34	138.2	4.1	1981	14	38.6	2.8	1981	2	-0.1	-0.1	15 years	37.6	3.9	15 years	19.1	2.5	15 years	5.1	0.7		
1982	47	115.0	2.4	1982	35	53.1	1.5	1982	17	5.0	0.3	14 years	37.9	3.8	14 years	19.4	2.5	14 years	5.3	0.8		
1983	34	123.0	3.6	1983	16	33.6	2.1	1983	7	5.4	0.8	13 years	37.2	3.9	13 years	18.2	2.6	13 years	4.4	0.8		
1984	41	140.2	3.4	1984	21	42.6	2.0	1984	8	2.9	0.4	12 years	37.4	4.0	12 years	18.4	2.6	12 years	4.2	0.8		
1985	42	177.6	4.2	1985	13	29.6	2.3	1985	3	3.6	1.2	11 years	37.1	4.0	11 years	18.2	2.7	11 years	3.8	0.9		
1986	25	100.4	4.0	1986	12	30.1	2.5	1986	2	1.4	0.7	10 years	36.6	4.0	10 years	18.7	2.7	10 years	3.9	0.8		
1987	32	125.7	3.9	1987	16	43.3	2.7	1987	3	2.5	0.8	9 years	37.9	4.0	9 years	19.4	2.7	9 years	4.1	0.8		
1988	18	86.0	4.8	1988	4	13.1	3.3	1988	0	0.0		8 years	38.6	4.0	8 years	19.9	2.7	8 years	4.3	0.8		
1989	52	177.9	3.4	1989	33	77.9	2.4	1989	9	10.4	1.2	7 years	41.6	3.9	7 years	22.1	2.6	7 years	4.9	0.8		
1990	49	156.8	3.2	1990	34	80.8	2.4	1990	8	4.3	0.5	6 years	39.8	4.0	6 years	20.3	2.7	6 years	4.2	0.8		
1991	52	214.5	4.1	1991	22	60.3	2.7	1991	4	2.7	0.7	5 years	38.0	4.1	5 years	17.6	2.7					



10th 4.8	Annual # days below 10th percentile	Annual total C in days below 10th percentile	Annual average C in days below 10th percentile	5th 3.4	Annual # days below 5th percentile	Annual total C in days below 5th percentile	Annual average C in days below 5th percentile	1st 1.7	Annual # days below 1st percentile	Annual total C in days below 1st percentile	Annual average C in days below 1st percentile	Pre and post cumulative averages		AWS 10th percentile average in years pre and post AWS		Pre and post cumulative averages		AWS 5th percentile average in years pre and post AWS		Pre and post cumulative averages		AWS 1st percentile average in years pre and post AWS	
												Av #	Av C	Av #	Av C	Av #	Av C	Av #	Av C				
1910	37	124.0	3.4	1910	19	46.4	2.4	1910	1	0.3	0.3												
1911	43	129.8	3.0	1911	23	46.9	2.0	1911	8	6.6	0.8												
1912	43	124.8	2.9	1912	29	64.6	2.2	1912	10	11.8	1.2												
1913	48	131.3	2.7	1913	30	57.0	1.9	1913	15	16.9	1.1												
1914	42	142.4	3.4	1914	20	47.7	2.4	1914	5	6.1	1.2												
1915	30	98.8	3.3	1915	14	33.1	2.4	1915	3	3.5	1.2												
1916	43	149.2	3.5	1916	16	36.2	2.3	1916	4	3.3	0.8												
1917	29	94.0	3.2	1917	15	35.5	2.4	1917	2	2.4	1.2												
1918	35	119.5	3.4	1918	18	47.1	2.6	1918	2	2.9	1.5												
1919	35	110.8	3.2	1919	19	43.1	2.3	1919	5	4.5	0.9												
1920	37	124.9	3.4	1920	21	55.2	2.6	1920	1	0.7	0.7												
1921	20	54.8	2.7	1921	17	42.9	2.5	1921	3	4.1	1.4												
1922	36	121.6	3.4	1922	18	43.3	2.4	1922	3	3.6	1.2												
1923	34	113.6	3.3	1923	20	54.5	2.7	1923	0	0.0													
1924	38	109.4	2.9	1924	23	48.1	2.1	1924	8	8.5	1.1												
1925	48	136.9	2.9	1925	29	57.4	2.0	1925	10	6.2	0.6												
1926	24	80.8	3.4	1926	12	30.9	2.6	1926	2	2.9	1.5												
1927	49	150.6	3.1	1927	30	70.4	2.3	1927	7	7.8	1.1												
1928	29	92.2	3.2	1928	19	50.3	2.6	1928	3	4.3	1.4												
1929	40	104.3	2.6	1929	29	56.7	2.0	1929	11	11.5	1.0												
1930	32	114.9	3.6	1930	13	35.2	2.7	1930	2	2.6	1.3												
1931	29	88.7	3.1	1931	19	44.0	2.3	1931	2	-0.1	-0.1												
1932	33	112.0	3.4	1932	16	38.4	2.4	1932	3	4.0	1.3												
1933	40	129.8	3.2	1933	23	56.9	2.5	1933	4	6.3	1.6												
1934	33	113.7	3.4	1934	15	38.9	2.6	1934	3	3.8	1.3												
1935	34	115.1	3.4	1935	17	43.9	2.6	1935	2	3.4	1.7												
1936	47	155.8	3.3	1936	25	62.4	2.5	1936	1	1.3	1.3												
1937	44	138.7	3.2	1937	23	52.7	2.3	1937	6	6.2	1.0												
1938	67	163.4	2.4	1938	50	91.1	1.8	1938	22	10.7	0.5												
1939	40	120.9	3.0	1939	25	59.5	2.4	1939	6	6.6	1.1												
1940	36	125.5	3.5	1940	14	34.9	2.5	1940	2	2.0	1.0												
1941	51	155.9	3.1	1941	25	47.6	1.9	1941	11	9.3	0.8												
1942	30	113.8	3.8	1942	9	23.8	2.6	1942	1	1.1	1.1												
1943	59	169.6	2.9	1943	43	102.9	2.4	1943	9	7.4	0.8												
1944	47	130.3	2.8	1944	31	60.8	2.0	1944	11	6.8	0.6												
1945	62	185.0	3.0	1945	39	86.9	2.2	1945	10	7.8	0.8												
1946	37	126.7	3.4	1946	18	48.6	2.7	1946	2	2.3	1.2												
1947	33	95.4	2.9	1947	22	49.5	2.3	1947	7	7.9	1.1												
1948	36	78.1	2.2	1948	29	48.3	1.7	1948	16	13.5	0.8												
1949	44	143.5	3.3	1949	24	60.5	2.5	1949	5	7.3	1.5												
1950	50	166.6	3.3	1950	29	78.9	2.7	1950	2	1.7	0.9												
1951	45	142.4	3.2	1951	21	40.9	1.9	1951	9	8.2	0.9												
1952	43	121.6	2.8	1952	26	49.0	1.9	1952	14	14.9	1.1												
1953	39	110.4	2.8	1953	26	55.7	2.1	1953	11	12.5	1.1												
1954	37	125.0	3.4	1954	20	51.8	2.6	1954	3	4.5	1.5												
1955	43	140.2	3.3	1955	20	46.9	2.3	1955	5	7.0	1.4												
1956	42	113.9	2.7	1956	26	46.4	1.8	1956	11	7.5	0.7												
1957	38	122.8	3.2	1957	19	43.7	2.3	1957	4	2.2	0.6												
1958	43	120.5	2.8	1958	29	62.9	2.2	1958	13	17.4	1.3												
1959	34	112.4	3.3	1959	16	37.7	2.4	1959	6	6.7	1.1												
1960	38	125.7	3.3	1960	17	38.3	2.3	1960	6	8.4	1.4												
1961	35	114.5	3.3	1961	15	30.0	2.0	1961	7	10.1	1.4												
1962	35	115.0	3.3	1962	18	43.7	2.4	1962	6	8.4	1.4												
1963	46	154.6	3.4	1963	24	60.3	2.5	1963	5	5.6	1.1												
1964	29	90.6	3.1	1964	14	28.3	2.0	1964	6	6.2	1.0												
1965	38	126.4	3.3	1965	21	52.0	2.5	1965	5	5.3	1.1												
1966	57	156.4	2.7	1966	41	88.2	2.2	1966	17	19.8	1.2												
1967	36	106.0	2.9	1967	21	40.8	1.9	1967	10	10.8	1.1												
1968	40	123.9	3.1	1968	23	52.5	2.3	1968	5	3.6	0.7												
1969	37	128.1	3.5	1969	17	42.1	2.5	1969	4	5.6	1.4												
1970	47	159.4	3.4	1970	25	68.6	2.7	1970	3	4.5	1.5												
1971	30	100.3	3.3	1971	16	42.7	2.7	1971	3	4.5	1.5												
1972	37	112.5	3.0	1972	23	53.8	2.3	1972	6	5.7	1.0												
1973	42	139.7	3.3	1973	18	39.5	2.2	1973	7	8.7	1.2												
1974	33	116.5	3.5	1974	11	27.0	2.5	1974	2	1.5	0.8												
1975	38	128.5	3.4	1975	18	47.5	2.6	1975	0	0.0													
1976	50	171.6	3.4	1976	21	50.4	2.4	1976	4	5.1	1.3												
1977	54	179.8	3.3	1977	22	51.2	2.3	1977	6	6.5	1.1	20 years	38.0	3.3	20 years	17.0	2.4	20 years	3.2	1.2			
1978	40	131.0	3.3	1978	16	34.5	2.2	1978	4	4.0	1.0	19 years	37.2	3.3	19 years	16.7	2.4	19 years	3.1	1.2			
1979	39	125.4	3.2	1979	16	34.5	2.2	1979	4	4.5	1.1	18 years	37.0	3.3	18 years	16.7	2.4	18 years	3.0	1.2			
1980	28	91.1	3.3	1980	14	35.9	2.6	1980	1	1.5	1.5	17 years	36.9	3.3	17 years	16.8	2.4	17 years	2.9	1.2			
1981	30	88.5	3.0	1981	18	40.5	2.3	1981	2	1.5	0.8	16 years	37.4	3.3	16 years	16.9	2.4	16 years	3.1	1.2			
1982	46	131.2	2.9	1982	25	50.5	2.0	1982	7	6.0	0.9	15 years	37.9	3.4	15 years	16.9	2.4	15 years	3.1	1.2			
1983	38	118.1	3.1	1983	20	44.4	2.2	1983	4	2.6	0.7	14 years	37.4	3.4	14 years	16.3	2.4	14 years	2.9	1.3			
1984	34	119.0	3.5	1984	13	33.5	2.6	1984	1	1.5	1.5	13 years	37.3	3.4	13 years	16.0	2.4	13 years	2.8	1.3			
1985	46	140.0	3.0	1985	26	60.5	2.3	1985	3	4.0	1.3	12 years	37.6	3.4	12 years	16.3	2.4	12 years	2.9	1.3	</		



10th 11.2	Annual # days below 10th percentile	Annual total C in days below 10th percentile	Annual average C in days below 10th percentile	5th 9.2	Annual # days below 5th percentile	Annual total C in days below 5th percentile	Annual average C in days below 5th percentile	1st 5.9	Annual # days below 1st percentile	Annual total C in days below 1st percentile	Annual average C in days below 1st percentile	Pre and post cumulative averages		AWS 10th percentile average in years pre and post AWS		Pre and post cumulative averages		AWS 5th percentile average in years pre and post AWS		Pre and post cumulative averages		AWS 1st percentile average in years pre and post AWS	
												Av #	Av C	Av #	Av C	Av #	Av C	Av #	Av C				
1910	28	223.0	8.0	1910	19	131.2	6.9	1910	8	41.8	5.2												
1911	54	445.2	8.2	1911	35	250.9	7.2	1911	5	27.1	5.4												
1912	41	360.0	8.8	1912	25	193.1	7.7	1912	0	0.0													
1913	58	500.3	8.6	1913	30	215.1	7.2	1913	6	30.5	5.1												
1914	41	329.9	8.0	1914	24	157.1	6.5	1914	8	40.1	5.0												
1915	40	390.3	9.8	1915	11	86.1	7.8	1915	0	0.0													
1916	27	235.6	8.7	1916	12	84.8	7.1	1916	2	8.4	4.2												
1917	51	469.2	9.2	1917	25	196.5	7.9	1917	2	11.4	5.7												
1918	48	428.9	8.9	1918	22	162.3	7.4	1918	5	23.9	4.8												
1919	61	525.1	8.6	1919	30	209.6	7.0	1919	8	41.7	5.2												
1920	31	275.4	8.9	1920	17	130.9	7.7	1920	1	4.3	4.3												
1921	18	153.1	8.5	1921	10	69.5	7.0	1921	3	15.9	5.3												
1922	52	460.7	8.9	1922	23	163.2	7.1	1922	4	21.7	5.4												
1923	72	621.8	8.6	1923	42	313.1	7.5	1923	9	49.6	5.5												
1924	54	504.6	9.3	1924	19	142.5	7.5	1924	3	16.5	5.5												
1925	82	745.1	9.1	1925	38	289.4	7.6	1925	7	36.7	5.2												
1926	32	286.0	8.9	1926	16	117.8	7.4	1926	1	4.4	4.4												
1927	37	310.3	8.4	1927	24	177.1	7.4	1927	3	15.5	5.2												
1928	47	419.9	8.9	1928	23	173.8	7.6	1928	3	17.4	5.8												
1929	51	440.3	8.6	1929	25	173.5	6.9	1929	7	33.4	4.8												
1930	36	321.2	8.9	1930	19	146.9	7.7	1930	1	4.4	4.4												
1931	30	274.9	9.2	1931	14	108.9	7.8	1931	1	5.8	5.8												
1932	43	343.5	8.0	1932	29	200.4	6.9	1932	7	37.4	5.3												
1933	25	222.1	8.9	1933	13	99.3	7.6	1933	0	0.0													
1934	41	375.7	9.2	1934	20	161.1	8.1	1934	0	0.0													
1935	24	213.7	8.9	1935	15	119.9	8.0	1935	0	0.0													
1936	15	136.7	9.1	1936	7	53.0	7.6	1936	0	0.0													
1937	35	318.2	9.1	1937	18	140.5	7.8	1937	2	11.0	5.5												
1938	30	285.3	9.5	1938	12	94.9	7.9	1938	1	5.3	5.3												
1939	48	431.3	9.0	1939	26	206.4	7.9	1939	2	10.6	5.3												
1940	29	274.6	9.5	1940	12	95.1	7.9	1940	1	5.9	5.9												
1941	46	400.6	8.7	1941	22	151.5	6.9	1941	4	19.9	5.0												
1942	15	131.8	8.8	1942	8	59.5	7.4	1942	0	0.0													
1943	41	373.4	9.1	1943	17	122.1	7.2	1943	2	8.3	4.2												
1944	44	406.3	9.2	1944	20	153.3	7.7	1944	2	11.2	5.6												
1945	23	222.7	9.7	1945	6	48.4	8.1	1945	1	5.6	5.6												
1946	64	553.0	8.6	1946	36	266.1	7.4	1946	2	11.3	5.7												
1947	27	247.8	9.2	1947	14	110.5	7.9	1947	1	5.0	5.0												
1948	82	665.6	8.1	1948	50	336.7	6.7	1948	15	64.1	4.3												
1949	87	622.0	7.1	1949	62	365.3	5.9	1949	28	107.8	3.9												
1950	59	518.0	8.8	1950	27	186.6	6.9	1950	9	49.7	5.5												
1951	81	596.0	7.4	1951	56	341.8	6.1	1951	22	85.9	3.9												
1952	63	463.5	7.4	1952	49	319.7	6.5	1952	16	67.6	4.2												
1953	86	609.4	7.1	1953	63	371.6	5.9	1953	30	119.3	4.0												
1954	47	401.5	8.5	1954	25	174.0	7.0	1954	7	31.6	4.5												
1955	52	445.3	8.6	1955	26	178.0	6.8	1955	8	35.3	4.4												
1956	71	571.7	8.1	1956	43	286.5	6.7	1956	13	62.0	4.8												
1957	52	469.3	9.0	1957	23	170.3	7.4	1957	4	18.6	4.7												
1958	57	488.4	8.6	1958	36	266.9	7.4	1958	6	31.4	5.2												
1959	59	434.3	7.4	1959	42	257.3	6.1	1959	15	63.1	4.2												
1960	87	638.6	7.3	1960	56	316.2	5.6	1960	30	117.4	3.9												
1961	97	741.0	7.6	1961	62	380.2	6.1	1961	26	106.2	4.1												
1962	63	515.9	8.2	1962	37	246.3	6.7	1962	13	54.2	4.2												
1963	69	533.6	7.7	1963	49	323.8	6.6	1963	14	47.2	3.4												
1964	56	459.0	8.2	1964	35	243.7	7.0	1964	8	36.9	4.6												
1965	63	478.1	7.6	1965	37	212.7	5.7	1965	16	54.0	3.4												
1966	32	285.8	8.9	1966	16	122.5	7.7	1966	1	4.4	4.4												
1967	26	254.2	9.8	1967	8	62.4	7.8	1967	1	5.7	5.7												
1968	39	357.5	9.2	1968	19	153.4	8.1	1968	1	5.6	5.6												
1969	17	159.3	9.4	1969	4	27.9	7.0	1969	0	0.0													
1970	39	367.7	9.4	1970	16	130.2	8.1	1970	1	5.7	5.7												
1971	28	249.5	8.9	1971	16	129.0	8.1	1971	0	0.0													
1972	30	286.3	9.5	1972	8	64.1	8.0	1972	0	0.0													
1973	5	44.6	8.9	1973	3	24.4	8.1	1973	0	0.0													
1974	40	371.5	9.3	1974	17	132.3	7.8	1974	1	5.2	5.2												
1975	17	167.0	9.8	1975	4	32.9	8.2	1975	0	0.0													
1976	38	330.8	8.7	1976	23	176.8	7.7	1976	1	5.3	5.3	20 years	26.2	9.4	20 years	11.1	8.0	20 years	0.6	5.6			
1977	32	284.3	8.9	1977	20	158.4	7.9	1977	2	11.4	5.7	19 years	25.6	9.4	19 years	10.4	8.0	19 years	0.5	5.6			
1978	33	321.1	9.7	1978	12	102.5	8.5	1978	0	0.0		18 years	25.2	9.4	18 years	9.9	8.0	18 years	0.4	5.6			
1979	20	191.7	9.6	1979	7	57.7	8.2	1979	0	0.0		17 years	24.8	9.4	17 years	9.8	8.0	17 years	0.5	5.6			
1980	23	225.1	9.8	1980	7	59.8	8.5	1980	0	0.0		16 years	25.1	9.4	16 years	9.9	8.0	16 years	0.5	5.6			
1981	28	257.7	9.2	1981	13	107.3	8.3	1981	0	0.0		15 years	25.2	9.4	15 years	10.1	8.0	15 years	0.5	5.6			
1982	42	365.2	8.7	1982	24	180.7	7.5	1982	3	16.5	5.5	14 years	25.0	9.4	14 years	9.9	7.9	14 years	0.6	5.6			
1983	22	202.4	9.2	1983	8	61.4	7.7	1983	1	5.8	5.8	13 years	23.7	9.4	13 years	8.8	8.0	13 years	0.4	5.6			
1984	27	245.6	9.1	1984	12	89.2	7.4	1984	2	10.6	5.3	12 years	23.8	9.5	12 years	8.9	8.0	12 years	0.3	5.6			
1985	34	322.1	9.5	1985	11	83.2	7.6	1985	1	5.7	5.7	11 years	23.5										



10th 11.6	Annual # days below 10th percentile	Annual total C in days below 10th percentile	Annual average C in days below 10th percentile	5th 9.9	Annual # days below 5th percentile	Annual total C in days below 5th percentile	Annual average C in days below 5th percentile	1st 7.0	Annual # days below 1st percentile	Annual total C in days below 1st percentile	Annual average C in days below 1st percentile	Pre and post cumulative averages	AWS 10th percentile average in years pre and post AWS	Pre and post cumulative averages	AWS 5th percentile average in years pre and post AWS	Pre and post cumulative averages	AWS 1st percentile average in years pre and post AWS			
													Av #	Av C	Av #	Av C	Av #	Av C		
1910	30	277.2	9.2	1910	15	118.3	7.9	1910	2	12.8	6.4									
1911	33	322.3	9.8	1911	14	123.6	8.8	1911	2	12.8	6.4									
1912	56	515.8	9.2	1912	30	238.1	7.9	1912	12	74.9	6.2									
1913	41	362.5	8.8	1913	29	230.5	7.9	1913	7	45.2	6.5									
1914	23	222.0	9.7	1914	10	83.5	8.4	1914	1	6.8	6.8									
1915	32	323.3	10.1	1915	10	86.5	8.7	1915	1	6.7	6.7									
1916	32	299.5	9.4	1916	18	148.4	8.2	1916	3	20.0	6.7									
1917	44	446.9	10.2	1917	13	108.5	8.3	1917	3	19.3	6.4									
1918	40	364.4	9.1	1918	23	182.0	7.9	1918	8	47.1	5.9									
1919	37	354.3	9.6	1919	17	135.4	8.0	1919	2	11.5	5.8									
1920	54	510.4	9.5	1920	24	185.2	7.7	1920	8	46.2	5.8									
1921	34	333.2	9.8	1921	18	157.2	8.7	1921	2	11.7	5.9									
1922	50	449.2	9.0	1922	30	238.9	8.0	1922	7	38.6	5.5									
1923	43	385.7	9.0	1923	26	202.8	7.8	1923	7	40.4	5.8									
1924	27	273.1	10.1	1924	9	77.7	8.6	1924	1	6.7	6.7									
1925	60	515.8	8.6	1925	42	323.8	7.7	1925	13	74.6	5.7									
1926	48	437.5	9.1	1926	27	215.6	8.0	1926	6	38.5	6.4									
1927	32	273.3	8.5	1927	23	179.8	7.8	1927	5	29.2	5.8									
1928	43	397.5	9.2	1928	24	196.8	8.2	1928	5	28.3	5.7									
1929	55	495.8	9.0	1929	32	251.6	7.9	1929	10	62.1	6.2									
1930	27	278.0	10.3	1930	8	70.2	8.8	1930	0	0.0										
1931	43	419.8	9.8	1931	17	140.3	8.3	1931	2	12.5	6.3									
1932	44	400.8	9.1	1932	24	189.7	7.9	1932	7	40.3	5.8									
1933	42	383.3	9.1	1933	23	178.4	7.8	1933	8	48.0	6.0									
1934	45	424.8	9.4	1934	26	220.1	8.5	1934	2	10.7	5.4									
1935	65	550.3	8.5	1935	45	338.6	7.5	1935	12	60.6	5.1									
1936	37	327.9	8.9	1936	24	185.8	7.7	1936	7	41.9	6.0									
1937	55	501.1	9.1	1937	32	258.7	8.1	1937	5	31.9	6.4									
1938	35	336.6	9.6	1938	18	154.2	8.6	1938	0	0.0										
1939	56	511.2	9.1	1939	28	216.0	7.7	1939	7	44.1	6.3									
1940	46	407.7	8.9	1940	27	205.8	7.6	1940	10	63.5	6.4									
1941	33	312.7	9.5	1941	19	164.7	8.7	1941	0	0.0										
1942	38	375.3	9.9	1942	17	149.4	8.8	1942	0	0.0										
1943	70	612.8	8.8	1943	43	320.0	7.4	1943	17	99.0	5.8									
1944	46	404.9	8.8	1944	26	191.7	7.4	1944	6	30.9	5.2									
1945	35	327.5	9.4	1945	19	159.7	8.4	1945	1	5.0	5.0									
1946	25	210.9	8.4	1946	11	65.9	6.0	1946	7	32.6	4.7									
1947	22	213.9	9.7	1947	9	75.5	8.4	1947	2	13.4	6.7									
1948	68	590.3	8.7	1948	40	296.2	7.4	1948	13	63.4	4.9									
1949	52	456.1	8.8	1949	31	236.0	7.6	1949	9	52.4	5.8									
1950	55	493.6	9.0	1950	35	284.5	8.1	1950	7	41.7	6.0									
1951	33	293.8	8.9	1951	20	154.2	7.7	1951	4	20.5	5.1									
1952	44	420.9	9.6	1952	19	157.0	8.3	1952	2	12.8	6.4									
1953	42	399.4	9.5	1953	18	147.1	8.2	1953	4	25.1	6.3									
1954	30	294.4	9.8	1954	10	80.4	8.0	1954	1	6.1	6.1									
1955	33	302.3	9.2	1955	17	131.6	7.7	1955	5	29.5	5.9									
1956	48	414.2	8.6	1956	28	206.9	7.4	1956	10	52.8	5.3									
1957	40	366.2	9.2	1957	21	165.4	7.9	1957	6	35.7	6.0									
1958	34	318.3	9.4	1958	15	116.5	7.8	1958	3	18.4	6.1									
1959	26	257.1	9.9	1959	9	76.0	8.4	1959	0	0.0										
1960	33	296.7	9.0	1960	21	169.3	8.1	1960	5	28.9	5.8									
1961	62	530.9	8.6	1961	39	286.1	7.3	1961	13	65.3	5.0									
1962	43	410.0	9.5	1962	23	193.8	8.4	1962	4	25.7	6.4									
1963	58	556.9	9.6	1963	29	240.0	8.3	1963	5	29.8	6.0									
1964	41	361.2	8.8	1964	25	188.5	7.5	1964	9	48.2	5.4									
1965	22	181.8	8.3	1965	14	94.2	6.7	1965	5	19.6	3.9									
1966	55	509.0	9.3	1966	30	239.3	8.0	1966	6	38.5	6.4									
1967	57	507.6	8.9	1967	36	283.8	7.9	1967	8	42.1	5.3									
1968	43	403.3	9.4	1968	23	189.2	8.2	1968	3	17.8	5.9									
1969	40	398.1	10.0	1969	17	153.5	9.0	1969	0	0.0										
1970	32	327.9	10.2	1970	8	70.8	8.9	1970	1	6.8	6.8									
1971	54	523.6	9.7	1971	31	277.0	8.9	1971	1	6.9	6.9									
1972	21	200.3	9.5	1972	13	112.7	8.7	1972	0	0.0										
1973	2	20.0	10.0	1973	1	9.1	9.1	1973	0	0.0										
1974	28	286.1	10.2	1974	11	100.3	9.1	1974	0	0.0										
1975	22	221.9	10.1	1975	8	71.1	8.9	1975	0	0.0										
1976	51	513.2	10.1	1976	20	170.7	8.5	1976	3	19.4	6.5									
1977	39	378.1	9.7	1977	22	192.4	8.7	1977	1	6.9	6.9									
1978	41	405.6	9.9	1978	18	152.6	8.5	1978	2	13.8	6.9									
1979	39	383.8	9.8	1979	16	137.1	8.6	1979	2	13.4	6.7									
1980	19	186.6	9.8	1980	8	68.4	8.6	1980	0	0.0		20 years	21.4	10.0	20 years	8.6	8.7	20 years	0.9	6.5
1981	31	307.0	9.9	1981	11	89.9	8.2	1981	3	19.4	6.5	19 years	21.5	10.0	19 years	8.6	8.7	19 years	0.9	6.5
1982	32	313.6	9.8	1982	16	142.5	8.9	1982	0	0.0		18 years	21.0	10.0	18 years	8.5	8.7	18 years	0.8	6.5
1983	28	287.9	10.3	1983	10	87.3	8.7	1983	0	0.0		17 years	20.4	10.1	17 years	8.1	8.7	17 years	0.9	6.5
1984	20	192.8	9.6	1984	9	71.9	8.0	1984	2	12.3	6.2	16 years	19.9	10.0	16 years	7.9	8.7	16 years	0.9	6.5
1985	24	220.9	9.2	1985	13	101.9	7.8	1985	3	18.0	6.0	15 years	19.9	10.1	15 years	7.9	8.8	15 years	0.9	6.6
1986	34	331.6	9.8	1986	18	156.7	8.7	1986	1	6.1	6.1	14 years	19.6	10.1	14 years	7.5	8.8	14 years	0.7	6.6
1987	13	142.9	11.0	1987	1	9.5	9.5	1987	0	0.0		13 years	18.5	10.2	13 years	6.7	8.8	13 years	0.7	6.7
1988	14	140.0	10.0	1988	5	44.0	8.8	1988	1	7.0	7.0	12 years	18.9	10.1	12 years	7.2	8.8	12 years	0.8	6.7
1989	26	254.4	9.8	1989	12	103.8	8.7	1989	1	6.0	6.0	11 years	19.4	10.1	11 years	7.4	8.8	11 years	0.7	6.7
1990	16	165.1	10.3	1990	4	32.6	8.2	1990	1	6.2	6.2	10 years	18.7	10.1	10 years	6.9	8.8	10 years	0.7	6.8
1991	9	92.4	10.3	1991	2	16.6	8.3	1991	0	0.0		9 years	19.0	10.1	9 years	7.2	8.9	9 years	0.7	6.9
1992	9	94.3	10.5	1992	3	27.7	9.2	1992	0	0.0		8 years	20.3	10.1	8 years	7.9	8.9	8 years	0.8	6.9
1993	24	247.7	10.3	1993	7	64.4	9.2	1993	0	0.0		7 years	21.9	10.0	7 years	8.6	8.9	7 years	0.9	6.9
1994	28	286.6	10.2	1994	10	87.3	8.7	1994	1	7.0	7.0	6 years	21.5	10.0	6 years</					



10th 3.9	Annual # days below 10th percentile	Annual total C in days below 10th percentile	Annual average C in days below 10th percentile	5th 2.4	Annual # days below 5th percentile	Annual total C in days below 5th percentile	Annual average C in days below 5th percentile	1st 0.3	Annual # days below 1st percentile	Annual total C in days below 1st percentile	Annual average C in days below 1st percentile	Pre and post cumulative averages	AWS 10th percentile average in years pre and post AWS		Pre and post cumulative averages	AWS 5th percentile average in years pre and post AWS		Pre and post cumulative averages	AWS 1st percentile average in years pre and post AWS			
													Av #	Av C		Av #	Av C		Av #	Av C		
1910	20	46.9	2.3	1910	10	11.6	1.2	1910	4	-0.6	-0.2											
1911	56	91.0	1.6	1911	39	34.9	0.9	1911	13	-6.1	-0.5											
1912	47	106.0	2.3	1912	22	26.8	1.2	1912	5	-0.5	-0.1											
1913	75	132.7	1.8	1913	47	43.0	0.9	1913	12	-7.4	-0.6											
1914	47	90.9	1.9	1914	23	14.2	0.6	1914	9	-6.8	-0.8											
1915	33	97.3	2.9	1915	8	12.8	1.6	1915	0	0.0	0.0											
1916	22	52.8	2.4	1916	9	6.7	0.7	1916	4	-1.2	-0.3											
1917	47	143.6	3.1	1917	10	14.0	1.4	1917	1	-1.1	-1.1											
1918	41	109.6	2.7	1918	14	19.0	1.4	1918	1	0.0	0.0											
1919	43	98.2	2.3	1919	20	21.1	1.1	1919	6	-1.2	-0.2											
1920	35	67.3	1.9	1920	21	23.2	1.1	1920	3	-1.1	-0.4											
1921	39	85.1	2.2	1921	23	30.2	1.3	1921	3	-1.7	-0.6											
1922	59	141.8	2.4	1922	29	42.0	1.4	1922	3	-1.7	-0.6											
1923	33	104.6	3.2	1923	6	9.5	1.6	1923	0	0.0	0.0											
1924	57	97.0	1.7	1924	35	21.5	0.6	1924	13	-10.3	-0.8											
1925	47	129.9	2.8	1925	16	22.8	1.4	1925	2	-0.6	-0.3											
1926	46	119.5	2.6	1926	18	26.3	1.5	1926	1	0.1	0.1											
1927	51	80.1	1.6	1927	32	19.5	0.6	1927	10	-10.1	-1.0											
1928	37	84.3	2.3	1928	22	34.8	1.6	1928	1	0.2	0.2											
1929	88	127.4	1.4	1929	61	36.6	0.6	1929	23	-26.0	-1.1											
1930	39	100.2	2.6	1930	11	11.6	1.1	1930	4	-0.2	-0.1											
1931	48	117.0	2.4	1931	25	38.1	1.5	1931	3	-1.3	-0.4											
1932	34	65.6	1.9	1932	20	21.8	1.1	1932	4	-3.8	-1.0											
1933	40	76.0	1.9	1933	23	23.5	1.0	1933	6	-2.4	-0.4											
1934	42	82.1	2.0	1934	22	17.9	0.8	1934	9	-3.4	-0.4											
1935	34	70.4	2.1	1935	22	30.8	1.4	1935	5	-0.4	-0.1											
1936	34	71.2	2.1	1936	19	20.0	1.1	1936	3	-1.2	-0.4											
1937	52	113.2	2.2	1937	28	29.8	1.1	1937	5	-0.6	-0.1											
1938	38	83.8	2.2	1938	19	20.9	1.1	1938	5	-0.3	-0.1											
1939	36	98.9	2.7	1939	14	22.2	1.6	1939	1	-1.1	-1.1											
1940	62	129.6	2.1	1940	35	40.6	1.2	1940	7	-1.7	-0.2											
1941	46	112.2	2.4	1941	25	43.3	1.7	1941	0	0.0	0.0											
1942	32	82.3	2.6	1942	10	10.2	1.0	1942	0	0.0	0.0											
1943	54	107.6	2.0	1943	34	41.0	1.2	1943	6	-4.5	-0.8											
1944	66	138.9	2.1	1944	35	31.0	0.9	1944	10	-7.4	-0.7											
1945	20	45.5	2.3	1945	9	5.5	0.6	1945	5	-0.6	-0.1											
1946	53	99.3	1.9	1946	33	32.1	1.0	1946	9	-5.7	-0.6											
1947	30	70.1	2.3	1947	13	11.8	0.9	1947	4	-1.1	-0.3											
1948	48	84.3	1.8	1948	32	29.4	0.9	1948	8	-6.3	-0.8											
1949	45	113.8	2.5	1949	19	28.4	1.5	1949	4	-1.7	-0.4											
1950	23	58.2	2.5	1950	10	16.3	1.6	1950	0	0.0	0.0											
1951	35	78.8	2.3	1951	20	27.0	1.4	1951	2	-2.2	-1.1											
1952	38	102.7	2.7	1952	12	15.1	1.3	1952	3	-1.0	-0.3											
1953	59	129.6	2.2	1953	31	37.7	1.2	1953	7	-2.8	-0.4											
1954	44	103.4	2.4	1954	24	36.0	1.5	1954	2	-1.8	-0.9											
1955	20	46.2	2.3	1955	9	11.7	1.3	1955	2	-0.8	-0.4											
1956	25	62.4	2.5	1956	10	14.4	1.4	1956	1	-0.1	-0.1											
1957	31	81.8	2.6	1957	12	20.2	1.7	1957	0	0.0	0.0											
1958	25	35.9	1.4	1958	20	18.9	0.9	1958	6	-3.2	-0.5											
1959	32	76.7	2.4	1959	12	7.8	0.7	1959	5	-3.4	-0.7											
1960	49	119.1	2.4	1960	23	30.2	1.3	1960	3	-1.1	-0.4											
1961	48	86.9	1.8	1961	28	18.0	0.6	1961	12	-4.5	-0.4											
1962	38	100.7	2.7	1962	13	14.0	1.1	1962	3	0.0	0.0											
1963	23	62.2	2.7	1963	9	16.3	1.8	1963	0	0.0	0.0											
1964	40	96.1	2.4	1964	18	25.4	1.4	1964	2	-0.6	-0.3											
1965	42	82.0	2.0	1965	24	19.6	0.8	1965	8	-7.2	-0.9											
1966	43	106.2	2.5	1966	22	35.3	1.6	1966	2	-1.3	-0.7											
1967	57	102.5	1.8	1967	36	35.9	1.0	1967	5	-2.2	-0.4											
1968	23	50.7	2.2	1968	11	12.8	1.2	1968	2	-0.5	-0.3											
1969	43	94.2	2.2	1969	24	32.3	1.3	1969	4	-0.7	-0.2											
1970	59	113.9	1.9	1970	31	20.9	0.7	1970	12	-8.3	-0.7											
1971	53	108.1	2.0	1971	32	35.2	1.1	1971	7	-2.0	-0.3											
1972	37	98.0	2.6	1972	13	18.4	1.4	1972	1	-0.6	-0.6											
1973	12	38.1	3.2	1973	2	2.5	1.3	1973	0	0.0	0.0											
1974	25	62.7	2.5	1974	10	11.4	1.1	1974	2	-0.1	-0.1											
1975	31	70.8	2.3	1975	17	25.2	1.5	1975	1	0.1	0.1											
1976	50	90.8	1.8	1976	27	19.3	0.7	1976	7	-8.1	-1.2											
1977	41	75.0	1.8	1977	23	15.2	0.7	1977	8	-4.0	-0.5											
1978	23	62.9	2.7	1978	8	14.2	1.8	1978	0	0.0	0.0	20 years	27.5	2.5	20 years	12.9	1.6	20 years	1.8	-0.2		
1979	18	54.9	3.1	1979	3	6.8	2.3	1979	0	0.0	0.0	19 years	27.7	2.5	19 years	13.2	1.6	19 years	1.9	-0.2		
1980	14	41.8	3.0	1980	2	3.9	2.0	1980	0	0.0	0.0	18 years	28.3	2.5	18 years	13.7	1.5	18 years	2.0	-0.2		
1981	21	56.8	2.7	1981	9	17.0	1.9	1981	0	0.0	0.0	17 years	29.1	2.4	17 years	14.4	1.5	17 years	2.1	-0.2		
1982	52	96.9	1.9	1982	35	40.4	1.2	1982	9	-0.5	-0.1	16 years	29.6	2.4	16 years	14.8	1.5	16 years	2.3	-0.2		
1983	27	41.5	1.5	1983	21	21.9	1.0	1983	4	-1.5	-0.4	15 years	28.1	2.4	15 years	13.4	1.5	15 years	1.8	-0.2		
1984	25	68.6	2.7	1984	9	15.5	1.7	1984	0	0.0	0.0	14 years	28.2	2.5	14 years	12.9	1.5	14 years	1.6	-0.2		
1985	38	81.6	2.1	1985	20	23.6	1.2	1985	2	0.0	0.0	13 years	28.5	2.5	13 years	13.2	1.5	13 years	1.8	-0.2		
1986	25	60.7	2.4	1986	14	24.7	1.8	1986	0	0.0	0.0	12 years	27.7	2.5	12 years	12.6	1.6	12 years	1.8	-0.2		
1987	35	79.0	2.3	1987	14	12.5	0.9	1987	2	-2.0	-1.0	11 years	27.9	2.5	11 years	12.5	1.5	11 years	1.9	-0.2		
1988	17	51.0	3.0	1988	5	10.2	2.0	1988	0	0.0	0.0	10 years	27.2	2.5	10 years	12.3	1.6	10 years	1.9	-0.1		



10th 6.7	Annual # days below 10th percentile	Annual total C in days below 10th percentile	Annual average C in days below 10th percentile	5th 5.2	Annual # days below 5th percentile	Annual total C in days below 5th percentile	Annual average C in days below 5th percentile	1st 3.1	Annual # days below 1st percentile	Annual total C in days below 1st percentile	Annual average C in days below 1st percentile	Pre and post cumulative averages	AWS 10th percentile average in years pre and post AWS	Pre and post cumulative averages	AWS 5th percentile average in years pre and post AWS	Pre and post cumulative averages	AWS 1st percentile average in years pre and post AWS				
													Av #	Av C		Av #	Av C		Av #	Av C	
1927	45	226.3	5.0	1927	22	85.5	3.9	1927	6	16.2	2.7										
1928	47	225.0	4.8	1928	29	118.9	4.1	1928	6	18.0	3.0										
1929	62	307.8	5.0	1929	37	151.1	4.1	1929	5	13.7	2.7										
1930	20	118.7	5.9	1930	3	14.6	4.9	1930	0	0.0											
1931	90	403.2	4.5	1931	59	211.7	3.6	1931	18	34.8	1.9										
1932	55	266.4	4.8	1932	31	118.8	3.8	1932	7	14.3	2.0										
1933	67	336.9	5.0	1933	37	150.4	4.1	1933	6	15.2	2.5										
1934	34	170.4	5.0	1934	19	76.4	4.0	1934	3	7.4	2.5										
1935	58	296.2	5.1	1935	33	141.7	4.3	1935	4	10.1	2.5										
1936	50	252.8	5.1	1936	24	96.1	4.0	1936	5	11.3	2.3										
1937	57	270.2	4.7	1937	36	138.8	3.9	1937	5	13.0	2.6										
1938	45	223.8	5.0	1938	21	82.6	3.9	1938	5	11.6	2.3										
1939	57	295.1	5.2	1939	23	85.8	3.7	1939	7	15.2	2.2										
1940	14	81.9	5.9	1940	5	23.3	4.7	1940	0	0.0											
1941	27	157.4	5.8	1941	7	32.8	4.7	1941	0	0.0											
1942	49	233.2	4.8	1942	27	101.1	3.7	1942	7	16.8	2.4										
1943	54	239.9	4.4	1943	34	117.7	3.5	1943	12	23.0	1.9										
1944	48	255.2	5.3	1944	17	67.5	4.0	1944	2	3.9	2.0										
1945	39	222.4	5.7	1945	12	52.5	4.4	1945	0	0.0											
1946	40	174.8	4.4	1946	24	76.2	3.2	1946	6	-0.5	-0.1										
1947	56	302.0	5.4	1947	27	120.2	4.5	1947	0	0.0											
1948	37	190.7	5.2	1948	17	68.2	4.0	1948	4	9.0	2.3										
1949	16	91.6	5.7	1949	5	24.3	4.9	1949	0	0.0											
1950	0	0.0		1950	0	0.0		1950	0	0.0											
1951	34	152.5	4.5	1951	17	51.5	3.0	1951	10	20.5	2.1										
1952	55	277.4	5.0	1952	25	97.5	3.9	1952	5	10.8	2.2										
1953	44	228.1	5.2	1953	18	71.7	4.0	1953	2	3.7	1.9										
1954	37	191.3	5.2	1954	18	75.6	4.2	1954	1	2.3	2.3										
1955	39	174.5	4.5	1955	21	66.2	3.2	1955	9	15.9	1.8										
1956	53	248.9	4.7	1956	28	96.6	3.5	1956	9	15.9	1.8										
1957	47	215.4	4.6	1957	28	103.7	3.7	1957	7	16.4	2.3										
1958	45	224.0	5.0	1958	22	85.3	3.9	1958	5	11.3	2.3										
1959	12	59.9	5.0	1959	6	24.1	4.0	1959	1	3.0	3.0										
1960	62	318.8	5.1	1960	26	98.9	3.8	1960	9	21.4	2.4										
1961	41	195.2	4.8	1961	27	107.9	4.0	1961	7	18.0	2.6										
1962	33	175.0	5.3	1962	13	54.1	4.2	1962	2	5.5	2.8										
1963	31	159.7	5.2	1963	11	39.1	3.6	1963	4	10.6	2.7										
1964	30	150.0	5.0	1964	15	55.5	3.7	1964	4	9.3	2.3										
1965	28	151.4	5.4	1965	12	52.7	4.4	1965	0	0.0											
1966	53	270.7	5.1	1966	27	112.9	4.2	1966	4	9.8	2.5										
1967	35	171.4	4.9	1967	21	87.2	4.2	1967	3	5.9	2.0										
1968	56	261.9	4.7	1968	29	97.9	3.4	1968	10	18.1	1.8										
1969	43	208.4	4.8	1969	23	83.5	3.6	1969	6	12.2	2.0										
1970	27	150.2	5.6	1970	8	37.5	4.7	1970	0	0.0											
1971	41	212.0	5.2	1971	22	95.8	4.4	1971	2	4.5	2.3										
1972	28	142.0	5.1	1972	16	69.3	4.3	1972	2	5.4	2.7										
1973	28	149.2	5.3	1973	11	45.8	4.2	1973	2	4.3	2.2										
1974	30	160.8	5.4	1974	11	48.2	4.4	1974	1	2.8	2.8										
1975	38	186.3	4.9	1975	21	84.6	4.0	1975	4	7.1	1.8										
1976	26	122.5	4.7	1976	13	47.2	3.6	1976	3	6.7	2.2	20 years	32.0	5.0	20 years	16.2	4.0	20 years	3.2	2.4	
1977	28	146.3	5.2	1977	14	62.5	4.5	1977	0	0.0		19 years	32.3	5.1	19 years	16.4	4.1	19 years	3.2	2.4	
1978	40	195.8	4.9	1978	21	81.8	3.9	1978	4	9.4	2.4	18 years	32.6	5.1	18 years	16.5	4.0	18 years	3.4	2.4	
1979	40	185.4	4.6	1979	23	80.5	3.5	1979	10	23.6	2.4	17 years	32.1	5.1	17 years	16.2	4.0	17 years	3.4	2.4	
1980	27	148.2	5.5	1980	9	38.2	4.2	1980	0	0.0		16 years	31.6	5.1	16 years	15.8	4.1	16 years	2.9	2.4	
1981	37	187.9	5.1	1981	18	71.0	3.9	1981	3	6.7	2.2	15 years	31.9	5.1	15 years	16.3	4.1	15 years	3.1	2.4	
1982	41	209.6	5.1	1982	22	94.0	4.3	1982	2	6.0	3.0	14 years	31.6	5.1	14 years	16.1	4.1	14 years	3.1	2.4	
1983	16	75.8	4.7	1983	10	39.8	4.0	1983	1	1.7	1.7	13 years	30.8	5.1	13 years	15.7	4.1	13 years	3.2	2.3	
1984	33	154.1	4.7	1984	18	65.3	3.6	1984	6	12.2	2.0	12 years	32.1	5.1	12 years	16.2	4.1	12 years	3.4	2.4	
1985	24	134.2	5.6	1985	7	32.1	4.6	1985	0	0.0		11 years	32.0	5.1	11 years	16.0	4.1	11 years	3.2	2.4	
1986	46	220.1	4.8	1986	25	94.4	3.8	1986	7	16.8	2.4	10 years	32.8	5.1	10 years	16.9	4.1	10 years	3.5	2.4	
1987	24	132.7	5.5	1987	5	21.3	4.3	1987	0	0.0		9 years	31.3	5.1	9 years	16.0	4.1	9 years	3.1	2.4	
1988	18	102.7	5.7	1988	5	22.1	4.4	1988	0	0.0		8 years	32.3	5.1	8 years	17.4	4.1	8 years	3.5	2.4	
1989	45	200.5	4.5	1989	32	118.9	3.7	1989	10	24.5	2.5	7 years	34.3	5.0	7 years	19.1	4.0	7 years	4.0	2.4	
1990	39	185.6	4.8	1990	21	76.2	3.6	1990	6	10.0	1.7	6 years	32.5	5.0	6 years	17.0	4.1	6 years	3.0	2.4	
1991	14	72.8	5.2	1991	7	29.7	4.2	1991	1	2.0	2.0	5 years	31.2	5.1	5 years	16.2	4.2	5 years	2.4	2.6	
1992	32	156.8	4.9	1992	17	65.3	3.8	1992	5	11.6	2.3	4 years	35.5	5.1	4 years	18.5	4.1	4 years	2.8	2.7	
1993	50	249.2	5.0	1993	27	111.8	4.1	1993	4	11.2	2.8	3 years	36.7	5.1	3 years	19.0	4.2	3 years	2.0	2.9	
1994	28	149.6	5.3	1994	12	52.1	4.3	1994	1	2.7	2.7	2 years	30.0	5.2	2 years	15.0	4.3	2 years	1.0	2.9	
1995	32	162.1	5.1	1995	18	76.6	4.3	1995	1	3.1	3.1	1 years	32.0	5.1	1 years	18.0	4.3	1 years	1.0	3.1	
1996	17	93.2	5.5	1996	8	37.5	4.7	1996	0	0.0		0 years	17.0	5.5	0 years	8.0	4.7	0 years	0.0		
1997	38	173.1	4.6	1997	25	95.1	3.8	1997	4	7.4	1.9	1 years	38.0	4.6	1 years	25.0	3.8	1 years	4.0	1.9	
1998	33	161.3	4.9	1998	16	58.6	3.7	1998	4	7.4	1.9	2 years	35.5	4.7	2 years	20.5	3.7	2 years	4.0	1.9	
1999	39	209.5	5.4	1999	16	67.7	4.2	1999	2	4.8	2.4	3 years	36.7	4.9	3 years	19.0	3.9	3 years	3.3	2.0	
2000	60	302.9	5.0	2000	32	135.0	4.2	2000	3	8.4	2.8	4 years	42.5	5.0	4 years	22.3	4.0	4 years	3.3	2.2	
2001	39	198.1	5.1	2001	20	81.5	4.1	2001	3	7.0	2.3	5 years	41.8	5.0	5 years	21.8	4.0	5 years	3.2	2.2	
2002	26	138.5	5.3	2002	8	28.8	3.6	2002	3	4.9	1.6	6 years	39.2	5.0	6 years	19.5	3.9	6 years	3.2	2.1	
2003	34	179.1	5.3	2003	13	56.2	4.3	2003	1	1.2	1.2	7 years	38.4	5.1	7 years	1					



10th 5.4	Annual # days below 10th percentile	Annual total C in days below 10th percentile	Annual average C in days below 10th percentile	5th 4.1	Annual # days below 5th percentile	Annual total C in days below 5th percentile	Annual average C in days below 5th percentile	1st 1.5	Annual # days below 1st percentile	Annual total C in days below 1st percentile	Annual average C in days below 1st percentile	Pre and post cumulative averages	AWS 10th percentile average in years pre and post AWS		Pre and post cumulative averages	AWS 5th percentile average in years pre and post AWS		Pre and post cumulative averages	AWS 1st percentile average in years pre and post AWS		
													Av #	Av C		Av #	Av C		Av #	Av C	
1910	34	117.2	3.4	1910	21	53.8	2.6	1910	3	1.3	0.4										
1911	47	152.2	3.2	1911	29	65.2	2.2	1911	8	4.5	0.6										
1912	56	170.1	3.0	1912	38	81.4	2.1	1912	11	4.3	0.4										
1913	48	164.5	3.4	1913	28	69.0	2.5	1913	6	1.2	0.2										
1914	52	187.1	3.6	1914	28	70.8	2.5	1914	7	3.0	0.4										
1915	26	91.9	3.5	1915	14	35.9	2.6	1915	2	1.4	0.7										
1916	58	197.1	3.4	1916	32	74.9	2.3	1916	8	2.5	0.3										
1917	42	138.1	3.3	1917	25	55.1	2.2	1917	7	4.3	0.6										
1918	38	120.6	3.2	1918	21	40.6	1.9	1918	8	5.1	0.6										
1919	56	195.9	3.5	1919	30	71.4	2.4	1919	5	1.3	0.3										
1920	44	156.9	3.6	1920	25	64.6	2.6	1920	3	3.8	1.3										
1921	42	155.2	3.7	1921	24	67.9	2.8	1921	4	3.7	0.9										
1922	54	180.9	3.4	1922	36	93.8	2.6	1922	7	5.8	0.8										
1923	34	135.8	4.0	1923	16	46.8	2.9	1923	1	1.2	1.2										
1924	55	222.9	4.1	1924	20	47.4	2.4	1924	6	6.2	1.0										
1925	55	189.6	3.4	1925	31	72.8	2.3	1925	8	-0.7	-0.1										
1926	36	137.3	3.8	1926	16	38.7	2.4	1926	4	2.7	0.7										
1927	45	117.4	2.6	1927	35	68.2	1.9	1927	15	7.0	0.5										
1928	48	146.0	3.0	1928	34	77.0	2.3	1928	10	7.4	0.7										
1929	58	182.9	3.2	1929	40	96.0	2.4	1929	9	-1.5	-0.2										
1930	43	158.7	3.7	1930	26	76.1	2.9	1930	4	5.0	1.3										
1931	50	203.7	4.1	1931	20	57.7	2.9	1931	4	4.2	1.1										
1932	54	190.2	3.5	1932	31	78.1	2.5	1932	6	4.0	0.7										
1933	59	206.1	3.5	1933	32	78.4	2.5	1933	9	7.0	0.8										
1934	63	208.0	3.3	1934	41	103.1	2.5	1934	9	8.2	0.9										
1935	43	163.2	3.8	1935	22	60.5	2.8	1935	4	3.5	0.9										
1936	55	204.9	3.7	1936	29	76.7	2.6	1936	5	3.3	0.7										
1937	47	117.2	2.5	1937	37	68.1	1.8	1937	16	7.6	0.5										
1938	53	176.6	3.3	1938	30	62.8	2.1	1938	9	6.2	0.7										
1939	48	163.2	3.4	1939	26	56.7	2.2	1939	9	4.0	0.4										
1940	53	190.3	3.6	1940	29	74.9	2.6	1940	9	7.3	0.8										
1941	36	139.3	3.9	1941	15	38.6	2.6	1941	2	1.7	0.9										
1942	39	133.4	3.4	1942	20	40.9	2.0	1942	7	2.4	0.3										
1943	81	287.0	3.5	1943	44	109.8	2.5	1943	10	9.7	1.0										
1944	63	186.2	3.0	1944	44	95.5	2.2	1944	13	1.6	0.1										
1945	65	230.4	3.5	1945	36	90.1	2.5	1945	7	1.1	0.2										
1946	46	181.8	4.0	1946	21	58.4	2.8	1946	4	3.2	0.8										
1947	38	143.0	3.8	1947	21	59.6	2.8	1947	3	2.3	0.8										
1948	60	218.1	3.6	1948	28	62.1	2.2	1948	9	4.5	0.5										
1949	71	249.0	3.5	1949	46	121.9	2.7	1949	7	5.1	0.7										
1950	60	217.3	3.6	1950	33	87.0	2.6	1950	4	4.5	1.1										
1951	42	166.1	4.0	1951	20	59.4	3.0	1951	3	3.7	1.2										
1952	50	188.4	3.8	1952	26	72.6	2.8	1952	3	1.9	0.6										
1953	36	131.3	3.6	1953	20	54.0	2.7	1953	3	3.3	1.1										
1954	37	132.7	3.6	1954	22	60.5	2.8	1954	4	4.4	1.1										
1955	45	168.7	3.7	1955	22	61.2	2.8	1955	4	4.3	1.1										
1956	46	158.5	3.4	1956	27	68.4	2.5	1956	9	4.5	0.5										
1957	39	132.5	3.4	1957	20	43.6	2.2	1957	7	5.2	0.7										
1958	47	182.2	3.9	1958	23	65.6	2.9	1958	4	3.3	0.8										
1959	53	200.6	3.8	1959	24	61.5	2.6	1959	6	2.8	0.5										
1960	50	176.2	3.5	1960	27	64.8	2.4	1960	10	7.7	0.8										
1961	30	121.0	4.0	1961	13	38.3	2.9	1961	1	0.8	0.8										
1962	36	125.3	3.5	1962	21	48.3	2.3	1962	6	5.0	0.8										
1963	42	139.0	3.3	1963	25	55.2	2.2	1963	9	3.4	0.4										
1964	24	102.7	4.3	1964	10	34.5	3.5	1964	0	0.0											
1965	37	119.4	3.2	1965	24	55.0	2.3	1965	7	5.4	0.8										
1966	40	152.3	3.8	1966	18	47.4	2.6	1966	2	1.6	0.8										
1967	48	182.6	3.8	1967	28	84.6	3.0	1967	1	1.2	1.2										
1968	37	158.7	4.3	1968	12	35.3	2.9	1968	0	0.0											
1969	47	186.0	4.0	1969	20	55.3	2.8	1969	2	-1.2	-0.6										
1970	28	110.7	4.0	1970	16	51.4	3.2	1970	2	2.1	1.1										
1971	37	146.5	4.0	1971	16	42.3	2.6	1971	2	1.2	0.6										
1972	37	127.8	3.5	1972	20	47.5	2.4	1972	6	3.9	0.7										
1973	40	132.1	3.3	1973	26	60.6	2.3	1973	7	5.4	0.8										
1974	23	82.5	3.6	1974	11	26.1	2.4	1974	1	0.6	0.6										
1975	25	96.4	3.9	1975	11	26.2	2.4	1975	2	1.9	1.0										
1976	38	156.3	4.1	1976	14	37.5	2.7	1976	2	2.1	1.1	20 years	26.9	4.1	20 years	11.5	2.8	20 years	1.6	1.0	
1977	34	132.2	3.9	1977	15	41.6	2.8	1977	0	0.0		19 years	26.3	4.0	19 years	11.3	2.8	19 years	1.6	1.0	
1978	29	122.7	4.2	1978	11	36.9	3.4	1978	0	0.0		18 years	25.9	4.1	18 years	11.1	2.8	18 years	1.7	1.0	
1979	20	77.9	3.9	1979	10	29.3	2.9	1979	1	1.2	1.2	17 years	25.7	4.0	17 years	11.1	2.8	17 years	1.8	1.0	
1980	17	70.8	4.2	1980	6	16.1	2.7	1980	1	1.5	1.5	16 years	26.1	4.1	16 years	11.2	2.8	16 years	1.8	1.0	
1981	21	83.0	4.0	1981	11	34.8	3.2	1981	0	0.0		15 years	26.7	4.0	15 years	11.5	2.8	15 years	1.9	0.9	
1982	51	173.7	3.4	1982	32	84.6	2.6	1982	6	2.0	0.3	14 years	27.1	4.1	14 years	11.6	2.8	14 years	2.0	0.9	
1983	27	102.4	3.8	1983	14	38.3	2.7	1983	3	2.2	0.7	13 years	25.2	4.1	13 years	10.0	2.8	13 years	1.7	1.0	
1984	29	106.8	3.7	1984	13	29.5	2.3	1984	4	2.8	0.7	12 years	25.1	4.1	12 years	9.7	2.8	12 years	1.6	1.0	
1985	26	94.1	3.6	1985	13	32.1	2.5	1985	4	2.6	0.7	11 years	24.7	4.2	11 years	9.4	2.9	11 years	1.4	1.1	
1986	23	88.2	3.8	1986	11	29.0	2.6	1986	1	0.8	0.8	10 years	24.6	4.2	10 years	9.0	2.9	10 years	1.1	1.2	
1987	29	126.9	4.4	1987	8	25.0	3.1	1987	1	1.5	1.5	9 years	24.8	4.3	9 years	8.8	2.9	9 years	1.1	1.3	
1988	12	55.7	4.6	1988	3	10.4	3.5	1988	0	0.0		8 years	24.3	4.3	8 years	8.9	2.9	8 years	1.1	1.2	
1989	30	110.8	3.7	1989	15	36.3	2.4	1989	3	3.3	1.1	7 years	26.0	4.2	7 years	9.7	2.8	7 years	1.3	1.2	
1990	17	76.3	4																		







10th 3.5	Annual # days below 10th percentile	Annual total C in days below 10th percentile	Annual average C in days below 10th percentile	5th 2.2	Annual # days below 5th percentile	Annual total C in days below 5th percentile	Annual average C in days below 5th percentile	1st -0.1	Annual # days below 1st percentile	Annual total C in days below 1st percentile	Annual average C in days below 1st percentile	Pre and post cumulative averages	AWS 10th percentile average in years pre and post AWS		Pre and post cumulative averages	AWS 5th percentile average in years pre and post AWS		Pre and post cumulative averages	AWS 1st percentile average in years pre and post AWS	
													Av #	Av C		Av #	Av C		Av #	Av C
1910	19	43.4	2.3	1910	8	10.6	1.3	1910	1	-1.1	-1.1									
1911	40	77.9	1.9	1911	27	38.5	1.4	1911	2	-2.3	-1.2									
1912	40	59.5	1.5	1912	26	18.3	0.7	1912	7	-5.2	-0.7									
1913	45	69.8	1.6	1913	31	25.1	0.8	1913	7	-7.3	-1.0									
1914	37	76.1	2.1	1914	18	15.9	0.9	1914	3	-2.8	-0.9									
1915	8	19.0	2.4	1915	4	7.3	1.8	1915	0	0.0	0.0									
1916	29	71.9	2.5	1916	14	24.4	1.7	1916	0	0.0	0.0									
1917	20	36.0	1.8	1917	12	11.6	1.0	1917	2	-2.3	-1.2									
1918	13	25.5	2.0	1918	6	3.9	0.7	1918	2	-2.8	-1.4									
1919	44	78.3	1.8	1919	29	31.8	1.1	1919	4	-4.0	-1.0									
1920	19	40.9	2.2	1920	7	3.3	0.5	1920	3	-2.9	-1.0									
1921	18	47.0	2.6	1921	6	9.4	1.6	1921	1	-0.6	-0.6									
1922	34	80.3	2.4	1922	16	24.4	1.5	1922	0	0.0	0.0									
1923	12	30.7	2.6	1923	4	6.8	1.7	1923	0	0.0	0.0									
1924	47	96.5	2.1	1924	26	30.7	1.2	1924	3	-3.9	-1.3									
1925	27	59.7	2.2	1925	14	20.8	1.5	1925	0	0.0	0.0									
1926	21	40.7	1.9	1926	13	17.3	1.3	1926	0	0.0	0.0									
1927	45	63.2	1.4	1927	30	18.2	0.6	1927	8	-11.3	-1.4									
1928	28	53.8	1.9	1928	18	22.8	1.3	1928	1	-0.6	-0.6									
1929	44	75.9	1.7	1929	25	18.7	0.7	1929	7	-6.9	-1.0									
1930	20	47.7	2.4	1930	8	10.6	1.3	1930	0	0.0	0.0									
1931	14	34.8	2.5	1931	5	5.6	1.1	1931	1	-1.1	-1.1									
1932	28	61.9	2.2	1932	12	10.6	0.9	1932	2	-1.2	-0.6									
1933	23	53.7	2.3	1933	12	19.9	1.7	1933	0	0.0	0.0									
1934	27	55.5	2.1	1934	16	21.3	1.3	1934	1	-0.6	-0.6									
1935	21	46.8	2.2	1935	10	14.0	1.4	1935	1	-1.0	-1.0									
1936	22	48.3	2.2	1936	12	18.2	1.5	1936	1	-1.1	-1.1									
1937	27	58.9	2.2	1937	15	25.2	1.7	1937	0	0.0	0.0									
1938	32	79.0	2.5	1938	10	12.3	1.2	1938	0	0.0	0.0									
1939	21	43.0	2.0	1939	9	8.7	1.0	1939	0	0.0	0.0									
1940	28	61.2	2.2	1940	15	21.9	1.5	1940	0	0.0	0.0									
1941	26	60.7	2.3	1941	10	14.0	1.4	1941	0	0.0	0.0									
1942	15	40.3	2.7	1942	5	9.9	2.0	1942	0	0.0	0.0									
1943	31	64.7	2.1	1943	18	24.9	1.4	1943	2	-1.2	-0.6									
1944	43	65.8	1.5	1944	31	26.7	0.9	1944	6	-7.3	-1.2									
1945	22	32.1	1.5	1945	15	10.5	0.7	1945	4	-4.0	-1.0									
1946	16	40.4	2.5	1946	7	11.2	1.6	1946	0	0.0	0.0									
1947	0	0.0		1947	0	0.0		1947	0	0.0	0.0									
1948	22	53.4	2.4	1948	10	17.3	1.7	1948	0	0.0	0.0									
1949	51	90.8	1.8	1949	29	27.7	1.0	1949	4	-4.1	-1.0									
1950	34	71.8	2.1	1950	18	24.7	1.4	1950	0	0.0	0.0									
1951	26	56.6	2.2	1951	13	16.1	1.2	1951	1	-1.0	-1.0									
1952	42	73.9	1.8	1952	28	32.9	1.2	1952	2	-0.9	-0.5									
1953	43	91.7	2.1	1953	23	31.6	1.4	1953	2	-0.9	-0.5									
1954	36	77.1	2.1	1954	18	25.2	1.4	1954	0	0.0	0.0									
1955	29	62.8	2.2	1955	14	17.4	1.2	1955	1	-0.6	-0.6									
1956	33	60.0	1.8	1956	19	18.7	1.0	1956	3	-3.2	-1.1									
1957	42	84.3	2.0	1957	18	17.3	1.0	1957	1	-1.4	-1.4									
1958	46	58.9	1.3	1958	28	5.6	0.2	1958	11	-13.8	-1.3									
1959	47	71.0	1.5	1959	27	12.3	0.5	1959	9	-11.0	-1.2									
1960	51	99.1	1.9	1960	27	25.8	1.0	1960	4	-1.6	-0.4									
1961	30	64.6	2.2	1961	17	22.3	1.3	1961	1	-1.0	-1.0									
1962	33	61.8	1.9	1962	22	27.5	1.3	1962	1	-1.2	-1.2									
1963	36	55.8	1.6	1963	23	16.7	0.7	1963	6	-6.9	-1.2									
1964	33	59.8	1.8	1964	19	19.9	1.0	1964	2	-2.9	-1.5									
1965	39	65.0	1.7	1965	24	20.5	0.9	1965	5	-3.7	-0.7									
1966	50	83.2	1.7	1966	34	36.3	1.1	1966	6	-5.6	-0.9									
1967	41	79.5	1.9	1967	27	37.7	1.4	1967	3	-1.0	-0.3									
1968	39	70.8	1.8	1968	20	16.4	0.8	1968	3	-3.9	-1.3									
1969	43	85.5	2.0	1969	21	24.0	1.1	1969	3	-1.7	-0.6									
1970	46	92.6	2.0	1970	25	30.1	1.2	1970	2	-0.4	-0.2									
1971	48	96.0	2.0	1971	28	35.2	1.3	1971	3	-1.7	-0.6									
1972	35	59.6	1.7	1972	19	11.9	0.6	1972	8	-3.2	-0.4									
1973	29	58.9	2.0	1973	15	18.7	1.2	1973	2	-0.9	-0.5									
1974	32	64.9	2.0	1974	16	17.2	1.1	1974	1	-1.0	-1.0									
1975	27	51.3	1.9	1975	17	23.1	1.4	1975	1	-1.1	-1.1									
1976	69	133.1	1.9	1976	32	24.5	0.8	1976	9	-7.2	-0.8	20 years	39.1	1.9	20 years	20.1	1.0	20 years	3.8	-0.9
1977	43	88.1	2.0	1977	19	18.6	1.0	1977	3	-1.6	-0.5	19 years	37.5	1.9	19 years	19.5	1.0	19 years	3.5	-0.9
1978	29	61.3	2.1	1978	14	15.2	1.1	1978	1	-0.6	-0.6	18 years	37.2	1.9	18 years	19.5	1.0	18 years	3.5	-1.0
1979	40	86.4	2.2	1979	20	26.4	1.3	1979	0	0.0	0.0	17 years	37.7	1.9	17 years	19.8	1.0	17 years	3.6	-1.0
1980	39	85.5	2.2	1980	18	26.3	1.5	1980	0	0.0	0.0	16 years	37.6	1.9	16 years	19.8	1.0	16 years	3.9	-1.0
1981	25	55.7	2.2	1981	14	21.9	1.6	1981	0	0.0	0.0	15 years	37.5	1.9	15 years	19.9	1.0	15 years	4.1	-1.0
1982	54	50.1	0.9	1982	35	-5.8	-0.2	1982	16	-30.3	-1.9	14 years	38.4	1.9	14 years	20.4	1.0	14 years	4.4	-1.0
1983	32	38.6	1.2	1983	22	10.4	0.5	1983	6	-7.4	-1.2	13 years	37.2	1.9	13 years	19.2	1.0	13 years	3.5	-0.9
1984	48	102.0	2.1	1984	21	21.1	1.0	1984	4	-4.9	-1.2	12 years	37.6	2.0	12 years	19.0	1.1	12 years	3.3	-0.9
1985	37	76.3	2.1	1985	17	15.4	0.9	1985	2	-1.8	-0.9	11 years	36.6	2.0	11 years	18.8	1.1	11 years	3.3	-0.8
1986	24	48.7	2.0	1986	13	16.9	1.3	1986	1	-1.0	-1.0	10 years	36.6	2.0	10 years	19.0	1.1	10 years	3.4	-0.8
1987	30	73.0	2.4	1987	12	19.2	1.6	1987	0	0.0	0.0	9 years	38.0	2.0	9 years	19.7	1.1	9 years	3.7	-0.8
1988	24	60.7	2.5	1988	9	15.8	1.8	1988	0	0.0	0.0	8 years	39.0	1.9	8 years	20.6	1.0	8 years	4.1	-0.8
1989	53	96.3	1.8	1989	31	36.7	1.2	1989	3	-1.8	-0.6	7 years	41.1	1.8	7 years	22.3	0.9	7 years	4.7	-0.8
1990	33	62.8	1.9	1990	18	19.8	1.1	1990	2	-1.9	-1.0	6 years	39.2	1.8	6 years	20.8	0.9	6 years	5.0	-0.8
1991	34	83.1	2.4	1991	12	17.8	1.5	1991	0	0.0	0.0	5 years	40.4	1.8	5 years	21.4	0.8	5 years	5.6	-0.8
1992	43	71.1	1.7	1992	25	19.6	0.8	1992</												



10th 2.0	Annual # days below 10th percentile	Annual total C in days below 10th percentile	Annual average C in days below 10th percentile	5th 0.0	Annual # days below 5th percentile	Annual total C in days below 5th percentile	Annual average C in days below 5th percentile	1st -2.8	Annual # days below 1st percentile	Annual total C in days below 1st percentile	Annual average C in days below 1st percentile	Pre and post cumulative averages		AWS 10th percentile average in years pre and post AWS		Pre and post cumulative averages		AWS 5th percentile average in years pre and post AWS		Pre and post cumulative averages		AWS 1st percentile average in years pre and post AWS	
												Av #	Av C	Av #	Av C	Av #	Av C	Av #	Av C				
1910	24	11.2	0.5	1910	9	-5.1	-0.6	1910	0	0.0													
1911	58	-58.0	-1.0	1911	41	-80.3	-2.0	1911	13	-46.1	-3.5												
1912	32	25.4	0.8	1912	4	-4.5	-1.1	1912	0	0.0													
1913	25	-4.9	-0.2	1913	14	-18.1	-1.3	1913	1	-3.9	-3.9												
1914	33	-4.0	-0.1	1914	20	-20.9	-1.0	1914	3	-8.9	-3.0												
1915	36	16.4	0.5	1915	12	-9.5	-0.8	1915	0	0.0													
1916	14	5.5	0.4	1916	6	-4.6	-0.8	1916	0	0.0													
1917	50	-30.2	-0.6	1917	29	-55.7	-1.9	1917	9	-32.7	-3.6												
1918	64	-85.8	-1.3	1918	39	-110.7	-2.8	1918	20	-86.5	-4.3												
1919	55	-47.7	-0.9	1919	36	-66.3	-1.8	1919	11	-48.1	-4.4												
1920	29	15.4	0.5	1920	9	-5.7	-0.6	1920	1	-2.8	-2.8												
1921	12	9.3	0.8	1921	4	-2.4	-0.6	1921	0	0.0													
1922	49	-6.9	-0.1	1922	25	-33.4	-1.3	1922	5	-16.0	-3.2												
1923	24	7.8	0.3	1923	10	-9.1	-0.9	1923	1	-2.8	-2.8												
1924	41	-22.4	-0.5	1924	21	-40.9	-1.9	1924	7	-23.5	-3.4												
1925	50	-29.9	-0.6	1925	28	-48.4	-1.7	1925	4	-15.1	-3.8												
1926	41	-3.5	-0.1	1926	19	-24.2	-1.3	1926	1	-3.1	-3.1												
1927	66	-71.3	-1.1	1927	42	-96.3	-2.3	1927	16	-65.8	-4.1												
1928	36	1.4	0.0	1928	17	-19.1	-1.1	1928	0	0.0													
1929	50	-53.7	-1.1	1929	33	-68.8	-2.1	1929	14	-53.0	-3.8												
1930	35	-2.1	-0.1	1930	15	-22.5	-1.5	1930	3	-9.4	-3.1												
1931	32	-12.5	-0.4	1931	18	-30.2	-1.7	1931	3	-10.0	-3.3												
1932	50	-51.8	-1.0	1932	36	-69.8	-1.9	1932	12	-40.6	-3.4												
1933	37	-5.5	-0.1	1933	20	-21.0	-1.1	1933	0	0.0													
1934	42	-4.9	-0.1	1934	19	-31.1	-1.6	1934	4	-14.1	-3.5												
1935	51	-43.1	-0.8	1935	31	-66.3	-2.1	1935	9	-37.6	-4.2												
1936	35	8.7	0.2	1936	15	-14.8	-1.0	1936	0	0.0													
1937	41	-23.0	-0.6	1937	25	-37.0	-1.5	1937	4	-13.7	-3.4												
1938	10	4.7	0.5	1938	3	-5.1	-1.7	1938	0	0.0													
1939	38	2.6	0.1	1939	18	-18.2	-1.0	1939	2	-5.7	-2.9												
1940	47	-49.0	-1.0	1940	30	-68.0	-2.3	1940	13	-48.3	-3.7												
1941	54	-53.3	-1.0	1941	39	-73.6	-1.9	1941	12	-41.1	-3.4												
1942	15	10.6	0.7	1942	4	-2.6	-0.7	1942	0	0.0													
1943	47	-54.5	-1.2	1943	35	-69.1	-2.0	1943	10	-39.4	-3.9												
1944	37	4.9	0.1	1944	18	-15.5	-0.9	1944	1	-2.8	-2.8												
1945	25	10.3	0.4	1945	9	-9.5	-1.1	1945	1	-3.0	-3.0												
1946	70	-101.6	-1.5	1946	50	-122.7	-2.5	1946	23	-91.6	-4.0												
1947	38	-20.6	-0.5	1947	25	-37.3	-1.5	1947	4	-13.9	-3.5												
1948	47	11.3	0.2	1948	27	-14.2	-0.5	1948	0	0.0													
1949	49	-51.4	-1.0	1949	35	-67.3	-1.9	1949	10	-36.0	-3.6												
1950	17	11.9	0.7	1950	4	-2.8	-0.7	1950	0	0.0													
1951	55	-55.6	-1.0	1951	41	-68.2	-1.7	1951	12	-44.5	-3.7												
1952	24	5.8	0.2	1952	11	-8.5	-0.8	1952	0	0.0													
1953	55	-62.7	-1.1	1953	38	-80.8	-2.1	1953	9	-31.0	-3.4												
1954	18	4.9	0.3	1954	7	-10.5	-1.5	1954	1	-3.8	-3.8												
1955	25	1.5	0.1	1955	12	-13.4	-1.1	1955	1	-2.8	-2.8												
1956	29	7.3	0.3	1956	10	-10.9	-1.1	1956	2	-6.1	-3.1												
1957	34	-20.1	-0.6	1957	22	-34.8	-1.6	1957	4	-12.8	-3.2												
1958	25	2.4	0.1	1958	13	-11.2	-0.9	1958	1	-4.4	-4.4												
1959	0	0.0		1959	0	0.0		1959	0	0.0													
1960	45	-30.4	-0.7	1960	29	-45.8	-1.6	1960	7	-22.3	-3.2												
1961	46	-36.6	-0.8	1961	29	-56.4	-1.9	1961	11	-41.5	-3.8												
1962	51	1.7	0.0	1962	23	-32.7	-1.4	1962	5	-16.2	-3.2												
1963	38	-32.1	-0.8	1963	21	-51.7	-2.5	1963	9	-35.4	-3.9												
1964	37	-15.7	-0.4	1964	24	-29.6	-1.2	1964	2	-7.7	-3.9												
1965	32	-20.3	-0.6	1965	20	-33.7	-1.7	1965	5	-20.6	-4.1												
1966	43	-21.9	-0.5	1966	25	-44.6	-1.8	1966	8	-27.5	-3.4												
1967	31	7.8	0.3	1967	13	-9.4	-0.7	1967	0	0.0													
1968	37	-12.5	-0.3	1968	21	-31.2	-1.5	1968	3	-9.8	-3.3												
1969	29	13.9	0.5	1969	9	-8.6	-1.0	1969	0	0.0													
1970	59	-48.5	-0.8	1970	35	-76.7	-2.2	1970	9	-35.5	-3.9												
1971	36	-24.8	-0.7	1971	23	-40.7	-1.8	1971	6	-22.1	-3.7												
1972	45	-37.1	-0.8	1972	27	-56.5	-2.1	1972	7	-26.2	-3.7												
1973	8	4.1	0.5	1973	4	-1.8	-0.5	1973	0	0.0													
1974	40	-21.7	-0.5	1974	22	-39.1	-1.8	1974	5	-16.3	-3.3												
1975	31	1.3	0.0	1975	16	-15.6	-1.0	1975	0	0.0													
1976	42	-2.9	-0.1	1976	22	-29.8	-1.4	1976	3	-8.7	-2.9												
1977	42	-22.4	-0.5	1977	23	-40.2	-1.7	1977	7	-24.0	-3.4	20 years	30.2	-0.0	20 years	14.9	-1.2	20 years	2.6	-3.4			
1978	20	8.3	0.4	1978	8	-4.5	-0.6	1978	0	0.0		19 years	29.6	0.0	19 years	14.5	-1.2	19 years	2.4	-3.4			
1979	38	-14.4	-0.4	1979	22	-32.2	-1.5	1979	1	-2.9	-2.9	18 years	30.1	-0.0	18 years	14.8	-1.2	18 years	2.5	-3.4			
1980	29	2.1	0.1	1980	13	-17.1	-1.3	1980	2	-6.5	-3.3	17 years	29.6	0.0	17 years	14.4	-1.2	17 years	2.6	-3.5			
1981	20	-3.1	-0.2	1981	8	-13.2	-1.7	1981	3	-9.0	-3.0	16 years	29.7	0.0	16 years	14.5	-1.2	16 years	2.6	-3.5			
1982	33	-47.2	-1.4	1982	23	-58.2	-2.5	1982	10	-36.6	-3.7	15 years	30.3	0.0	15 years	14.9	-1.2	15 years	2.6	-3.6			
1983	16	11.9	0.7	1983	5	-1.2	-0.2	1983	0	0.0		14 years	30.1	0.1	14 years	14.4	-1.1	14 years	2.1	-3.5			
1984	15	17.9	1.2	1984	2	-0.3	-0.2	1984	0	0.0		13 years	31.2	0.1	13 years	15.1	-1.2	13 years	2.2	-3.5			
1985	34	3.8	0.1	1985	16	-17.1	-1.1	1985	2	-7.7	-3.9	12 years	32.6	-0.0	12 years	16.2	-1.3	12 years	2.4	-3.5			
1986	35	-10.7	-0.3	1986	17	-33.8	-2.0	1986	6	-26.2	-4.4	11 years	32.5	-0.0	11 years	16.2	-1.3	11 years	2.5	-3.5			



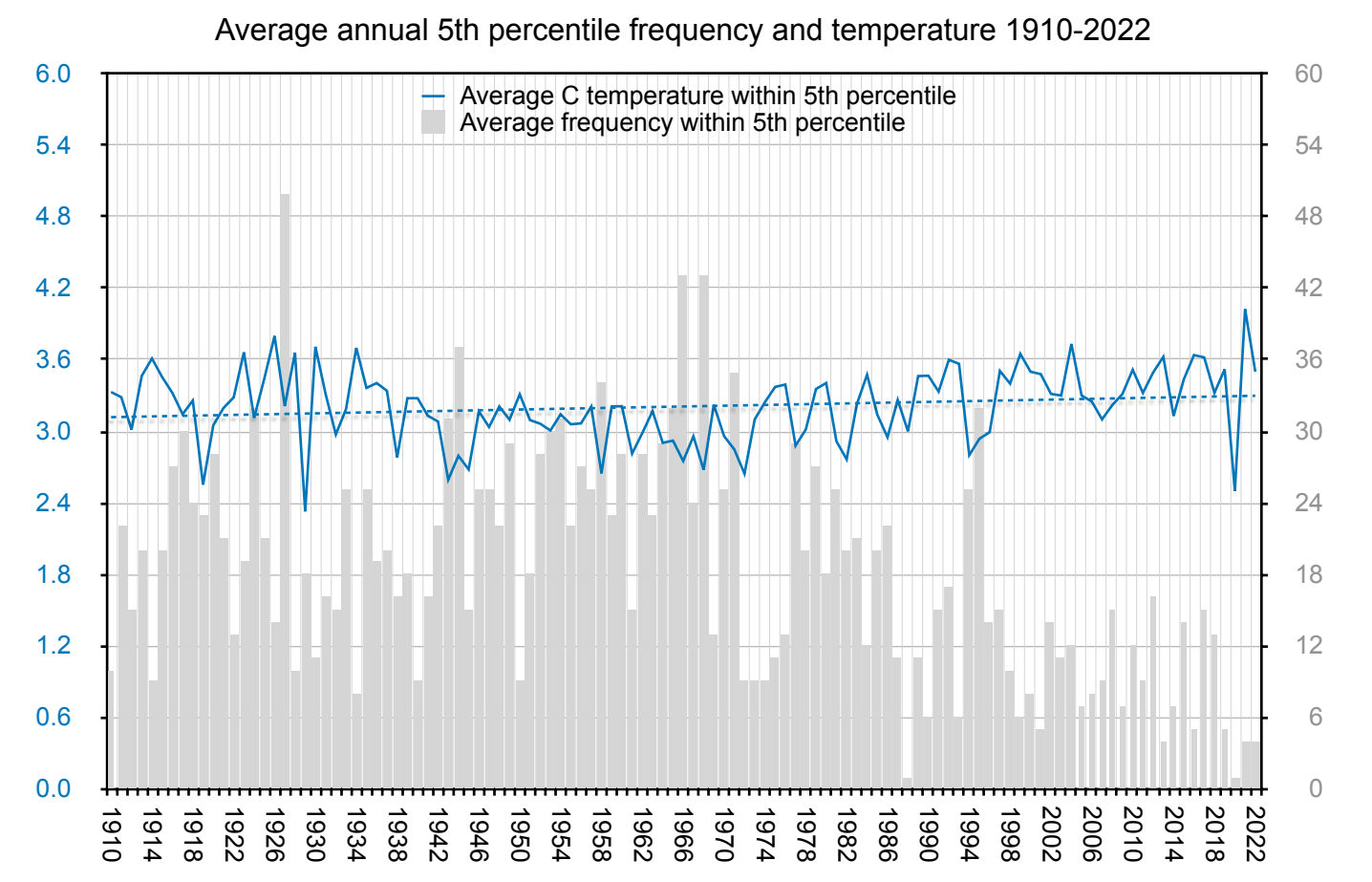
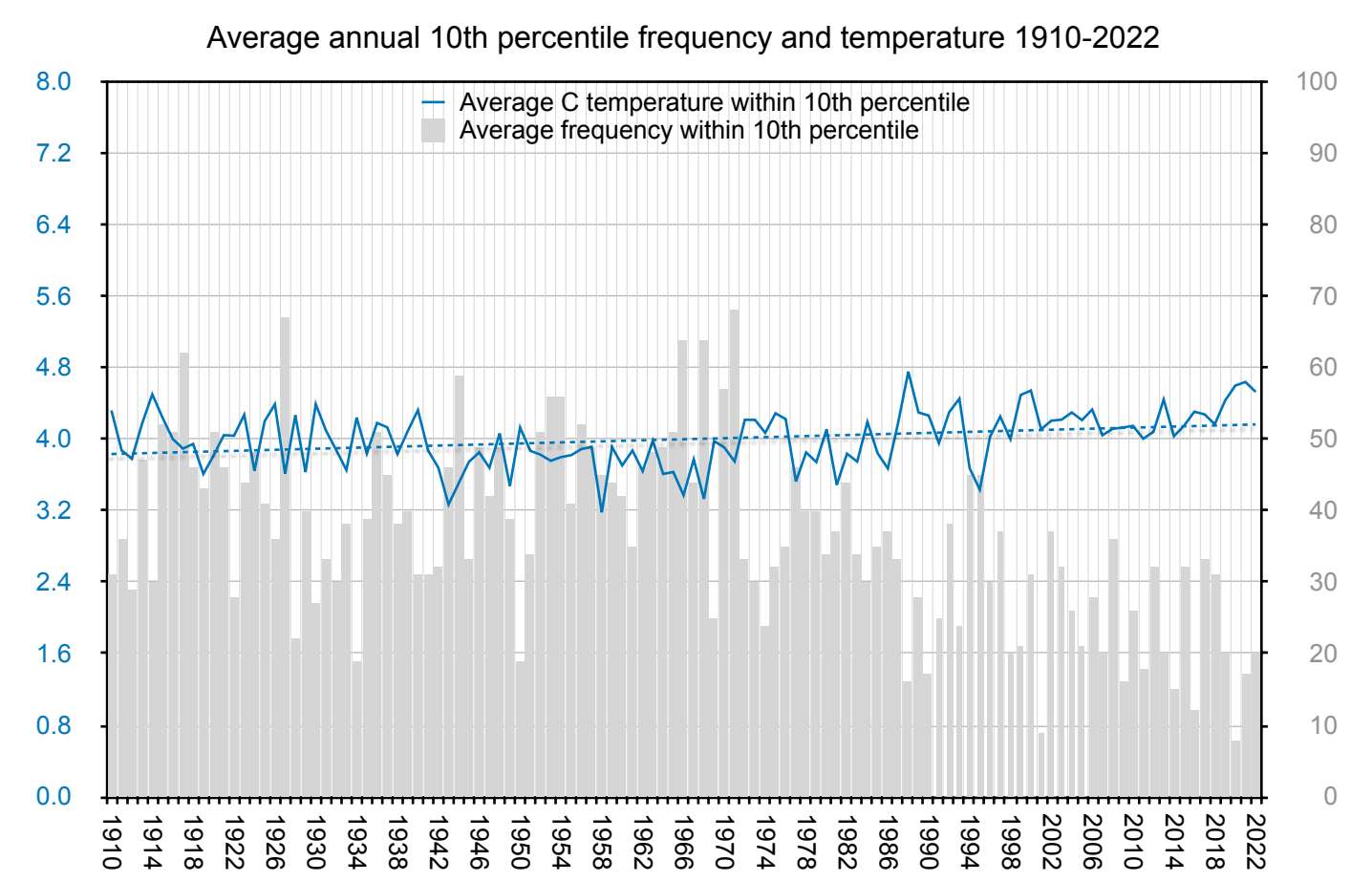
10th 4.9	Annual # days below 10th percentile	Annual total C in days below 10th percentile	Annual average C in days below 10th percentile	5th 3.3	Annual # days below 5th percentile	Annual total C in days below 5th percentile	Annual average C in days below 5th percentile	1st 1.1	Annual # days below 1st percentile	Annual total C in days below 1st percentile	Annual average C in days below 1st percentile	Pre and post cumulative averages	AWS 10th percentile average in years pre and post AWS	Pre and post cumulative averages	AWS 5th percentile average in years pre and post AWS	Pre and post cumulative averages	AWS 1st percentile average in years pre and post AWS
													Av # Av C		Av # Av C		Av # Av C
1926	65	154.5	2.4	1926	48	82.7	1.7	1926	17	3.4	0.2						
1927	56	119.7	2.1	1927	44	71.9	1.6	1927	16	0.5	0.0						
1928	55	147.0	2.7	1928	38	77.2	2.0	1928	11	7.9	0.7						
1929	65	158.5	2.4	1929	47	82.3	1.8	1929	20	12.3	0.6						
1930	27	76.9	2.8	1930	16	31.0	1.9	1930	5	3.4	0.7						
1931	55	146.9	2.7	1931	34	61.0	1.8	1931	12	3.7	0.3						
1932	44	122.5	2.8	1932	27	50.2	1.9	1932	9	4.5	0.5						
1933	51	148.0	2.9	1933	31	62.5	2.0	1933	9	2.8	0.3						
1934	57	148.2	2.6	1934	38	68.1	1.8	1934	12	4.6	0.4						
1935	64	183.1	2.9	1935	39	79.1	2.0	1935	12	7.0	0.6						
1936	44	146.6	3.3	1936	18	37.7	2.1	1936	4	1.1	0.3						
1937	61	147.6	2.4	1937	41	62.6	1.5	1937	16	5.0	0.3						
1938	43	123.0	2.9	1938	31	72.7	2.3	1938	3	0.0	0.0						
1939	51	158.2	3.1	1939	30	69.6	2.3	1939	4	0.7	0.2						
1940	47	156.7	3.3	1940	23	56.6	2.5	1940	3	1.7	0.6						
1941	36	128.6	3.6	1941	18	51.9	2.9	1941	1	1.1	1.1						
1942	58	157.5	2.7	1942	37	69.6	1.9	1942	11	5.0	0.5						
1943	54	150.5	2.8	1943	33	60.6	1.8	1943	11	5.6	0.5						
1944	43	136.8	3.2	1944	28	73.8	2.6	1944	4	3.9	1.0						
1945	25	89.6	3.6	1945	12	35.9	3.0	1945	0	0.0							
1946	38	119.1	3.1	1946	19	39.5	2.1	1946	2	-3.3	-1.7						
1947	52	156.7	3.0	1947	31	67.8	2.2	1947	6	2.9	0.5						
1948	31	92.4	3.0	1948	19	41.6	2.2	1948	3	1.6	0.5						
1949	26	102.6	3.9	1949	7	21.5	3.1	1949	0	0.0							
1950	50	143.2	2.9	1950	27	47.5	1.8	1950	11	3.0	0.3						
1951	57	158.5	2.8	1951	37	72.5	2.0	1951	10	6.3	0.6						
1952	52	157.8	3.0	1952	29	63.1	2.2	1952	7	3.3	0.5						
1953	33	91.2	2.8	1953	21	39.3	1.9	1953	8	3.3	0.4						
1954	47	148.2	3.2	1954	24	55.0	2.3	1954	5	5.0	1.0						
1955	32	88.6	2.8	1955	18	30.5	1.7	1955	8	2.1	0.3						
1956	57	168.6	3.0	1956	37	86.1	2.3	1956	6	5.0	0.8						
1957	0	0.0		1957	0	0.0		1957	0	0.0							
1958	14	53.7	3.8	1958	4	12.2	3.1	1958	0	0.0							
1959	8	22.8	2.9	1959	6	15.0	2.5	1959	0	0.0							
1960	35	110.8	3.2	1960	19	43.4	2.3	1960	0	0.0							
1961	27	69.6	2.6	1961	21	44.7	2.1	1961	5	3.9	0.8						
1962	28	105.0	3.8	1962	11	33.2	3.0	1962	0	0.0							
1963	11	41.4	3.8	1963	5	16.0	3.2	1963	0	0.0							
1964	18	54.9	3.1	1964	12	30.5	2.5	1964	1	0.6	0.6						
1965	16	63.0	3.9	1965	4	10.4	2.6	1965	0	0.0							
1966	47	145.8	3.1	1966	30	72.5	2.4	1966	1	0.6	0.6						
1967	26	90.5	3.5	1967	12	32.1	2.7	1967	0	0.0							
1968	36	106.4	3.0	1968	22	45.9	2.1	1968	4	2.6	0.7						
1969	42	133.9	3.2	1969	21	46.3	2.2	1969	4	1.9	0.5						
1970	17	63.2	3.7	1970	6	15.5	2.6	1970	1	1.1	1.1						
1971	29	108.7	3.7	1971	10	25.9	2.6	1971	1	1.1	1.1						
1972	16	55.8	3.5	1972	6	14.3	2.4	1972	1	0.9	0.9						
1973	25	94.8	3.8	1973	8	21.9	2.7	1973	0	0.0							
1974	15	59.6	4.0	1974	3	8.3	2.8	1974	0	0.0							
1975	20	73.6	3.7	1975	6	13.0	2.2	1975	1	0.5	0.5						
1976	23	92.8	4.0	1976	6	17.1	2.9	1976	0	0.0							
1977	16	61.0	3.8	1977	3	6.2	2.1	1977	0	0.0		20 years	24.5 3.5	20 years	9.0 2.2	20 years	1.2 0.6
1978	28	105.2	3.8	1978	8	17.7	2.2	1978	0	0.0		19 years	24.9 3.4	19 years	9.3 2.2	19 years	1.2 0.6
1979	30	102.6	3.4	1979	12	26.9	2.2	1979	1	0.2	0.2	18 years	24.7 3.4	18 years	9.3 2.2	18 years	1.3 0.6
1980	23	90.2	3.9	1980	5	13.8	2.8	1980	0	0.0		17 years	24.4 3.4	17 years	9.2 2.2	17 years	1.3 0.6
1981	31	110.3	3.6	1981	7	15.1	2.2	1981	0	0.0		16 years	24.5 3.4	16 years	9.4 2.2	16 years	1.4 0.6
1982	28	91.2	3.3	1982	13	29.3	2.3	1982	2	1.8	0.9	15 years	24.1 3.4	15 years	9.6 2.2	15 years	1.5 0.6
1983	12	31.1	2.6	1983	6	8.8	1.5	1983	1	0.6	0.6	14 years	23.8 3.4	14 years	9.4 2.2	14 years	1.4 0.6
1984	32	109.0	3.4	1984	12	26.8	2.2	1984	2	1.8	0.9	13 years	24.7 3.4	13 years	9.6 2.2	13 years	1.5 0.6
1985	22	79.6	3.6	1985	8	21.6	2.7	1985	0	0.0		12 years	24.1 3.4	12 years	9.4 2.3	12 years	1.4 0.6
1986	35	113.9	3.3	1986	17	39.0	2.3	1986	2	2.1	1.1	11 years	24.3 3.4	11 years	9.5 2.2	11 years	1.5 0.6
1987	15	49.6	3.3	1987	8	19.5	2.4	1987	1	0.5	0.5	10 years	23.2 3.4	10 years	8.8 2.2	10 years	1.5 0.5
1988	14	53.0	3.8	1988	3	7.4	2.5	1988	0	0.0		9 years	24.1 3.5	9 years	8.9 2.2	9 years	1.6 0.5
1989	29	92.8	3.2	1989	12	21.6	1.8	1989	3	1.0	0.3	8 years	25.4 3.4	8 years	9.6 2.1	8 years	1.8 0.5
1990	44	128.9	2.9	1990	20	27.5	1.4	1990	8	-0.3	-0.0	7 years	24.9 3.5	7 years	9.3 2.2	7 years	1.6 0.5
1991	16	59.9	3.7	1991	3	6.3	2.1	1991	1	0.8	0.8	6 years	21.7 3.5	6 years	7.5 2.3	6 years	0.5 0.8
1992	17	50.5	3.0	1992	10	20.4	2.0	1992	2	1.6	0.8	5 years	22.8 3.5	5 years	8.4 2.4	5 years	0.4 0.8
1993	36	135.4	3.8	1993	8	19.7	2.5	1993	0	0.0		4 years	24.3 3.6	4 years	8.0 2.5	4 years	0.0
1994	22	79.1	3.6	1994	9	25.1	2.8	1994	0	0.0		3 years	20.3 3.6	3 years	8.0 2.4	3 years	0.0
1995	25	78.8	3.2	1995	14	35.7	2.6	1995	0	0.0		2 years	19.5 3.6	2 years	7.5 2.3	2 years	0.0
1996	14	56.3	4.0	1996	1	2.0	2.0	1996	0	0.0		1 years	14.0 4.0	1 years	1.0 2.0	1 years	0.0
1997	36	93.5	2.6	1997	22	34.5	1.6	1997	9	3.8	0.4	0 years	36.0 2.6	0 years	22.0 1.6	0 years	9.0 0.4
1998	34	112.1	3.3	1998	15	32.0	2.1	1998	3	0.0	0.0	1 years	34.0 3.3	1 years	15.0 2.1	1 years	3.0 0.0
1999	20	69.5	3.5	1999	10	27.0	2.7	1999	0	0.0		2 years	27.0 3.4	2 years	12.5 2.4	2 years	1.5 0.0
2000	28	96.6	3.5	2000	12	29.2	2.4	2000	0	0.0		3 years	27.3 3.4	3 years	12.3 2.4	3 years	1.0 0.0
2001	48	158.8	3.3	2001	23	55.3	2.4	2001	1	0.2	0.2	4 years	32.5 3.4	4 years	15.0 2.4	4 years	1.0 0.1
2002	25	77.6	3.1	2002	14	33.3	2.4	2002	1	0.8	0.8	5 years	31.0 3.3	5 years	14.8 2.4	5 years	1.0 0.3
2003	36	120.3	3.3	2003	14	28.5	2.0	2003	2	1.2	0.6	6 years	31.8 3.3	6 years	14.7 2.3	6 years	1.2 0.4
2004	38	120.7	3.2	2004	17	35.8	2.1	2004	3	2.5	0.8	7 years	32.7 3.3	7 years	15.0 2.3	7 years	1.4 0.5
2005	58	167.1	2.9	2005	30	55.9	1.9	2005	8	2.0	0.3	8 years	35.9 3.3	8 years	16.9 2.3	8 years	2.3 0.4
2006	42	104.8	2.5	2006	27	42.2	1.6	2006	8	-1.0	-0.1	9 years	36.6 3.2	9 years	18.0 2.2	9 years	2.9 0.4
2007	33	125.2	3.8	2007	9	24.5	2.7	2007	0	0.0		10 years	36.2 3.2	10 years	17.1 2.2	10 years	2.6 0.4
2008	36	117.6	3.3	2008	18	38.8	2.2	2008	4	3.7	0.9	11 years	36.2 3.2	11 years	17.2 2.2	11 years	2.7 0.4
2009	45	132.7	2.9	2009	27	60.1	2.2	2009	5	3.9	0.8	12 years	36.9 3.2	12 years	18.0 2.2	12 years	2.9 0.5
2010	54	143.2	2.7	2010	31	50.1	1.6	2010	7	-3.7	-0.5	13 years	38.2 3.2	13 years	19.0 2.2	13 years	3.2 0.4



10th 2.8	Annual # days below 10th percentile	Annual total C in days below 10th percentile	Annual average C in days below 10th percentile	5th 1.1	Annual # days below 5th percentile	Annual total C in days below 5th percentile	Annual average C in days below 5th percentile	1st -1.5	Annual # days below 1st percentile	Annual total C in days below 1st percentile	Annual average C in days below 1st percentile	Pre and post cumulative averages	AWS 10th percentile average in years pre and post AWS	Pre and post cumulative averages	AWS 5th percentile average in years pre and post AWS	Pre and post cumulative averages	AWS 1st percentile average in years pre and post AWS			
	Av #	Av C		Av #	Av C			Av #	Av C			Av #	Av C		Av #	Av C				
1910	22	40.3	1.8	1910	5	1.1	0.2	1910	0	0.0										
1911	33	5.2	0.2	1911	24	-14.5	-0.6	1911	6	-14.5	-2.4									
1912	55	65.9	1.2	1912	25	-1.8	-0.1	1912	2	-3.9	-2.0									
1913	44	52.1	1.2	1913	20	3.4	0.2	1913	2	-3.4	-1.7									
1914	36	28.2	0.8	1914	24	4.6	0.2	1914	2	-5.6	-2.8									
1915	31	38.2	1.2	1915	15	3.9	0.3	1915	1	-1.7	-1.7									
1916	23	38.3	1.7	1916	5	-1.0	-0.2	1916	1	-2.2	-2.2									
1917	46	32.8	0.7	1917	25	-13.1	-0.5	1917	7	-14.3	-2.0									
1918	44	19.7	0.4	1918	25	-21.0	-0.8	1918	8	-24.9	-3.1									
1919	42	21.7	0.5	1919	28	-9.1	-0.3	1919	6	-15.9	-2.7									
1920	18	30.8	1.7	1920	3	-1.1	-0.4	1920	0	0.0										
1921	0	0.0		1921	0	0.0		1921	0	0.0										
1922	0	0.0		1922	0	0.0		1922	0	0.0										
1923	0	0.0		1923	0	0.0		1923	0	0.0										
1924	36	49.5	1.4	1924	14	1.6	0.1	1924	1	-1.7	-1.7									
1925	13	-0.9	-0.1	1925	9	-8.8	-1.0	1925	3	-8.8	-2.9									
1926	25	31.1	1.2	1926	10	-2.2	-0.2	1926	0	0.0										
1927	44	33.9	0.8	1927	26	-1.9	-0.1	1927	3	-6.6	-2.2									
1928	32	51.5	1.6	1928	10	5.1	0.5	1928	0	0.0										
1929	54	11.2	0.2	1929	33	-37.5	-1.1	1929	12	-36.1	-3.0									
1930	27	37.0	1.4	1930	11	1.7	0.2	1930	1	-2.2	-2.2									
1931	34	49.3	1.5	1931	13	1.2	0.1	1931	1	-1.7	-1.7									
1932	6	1.6	0.3	1932	4	-3.4	-0.9	1932	0	0.0										
1933	30	33.1	1.1	1933	17	1.2	0.1	1933	1	-1.7	-1.7									
1934	31	38.6	1.2	1934	14	0.6	0.0	1934	1	-1.7	-1.7									
1935	50	55.6	1.1	1935	22	-4.8	-0.2	1935	2	-6.1	-3.1									
1936	31	39.0	1.3	1936	18	11.6	0.6	1936	0	0.0										
1937	29	30.1	1.0	1937	14	-2.8	-0.2	1937	2	-4.5	-2.3									
1938	15	22.2	1.5	1938	3	-2.8	-0.9	1938	1	-1.7	-1.7									
1939	44	50.2	1.1	1939	22	3.3	0.2	1939	2	-3.4	-1.7									
1940	33	9.2	0.3	1940	19	-20.1	-1.1	1940	5	-14.7	-2.9									
1941	41	29.3	0.7	1941	25	-4.0	-0.2	1941	4	-7.1	-1.8									
1942	33	52.9	1.6	1942	13	7.8	0.6	1942	0	0.0										
1943	63	-18.4	-0.3	1943	45	-58.1	-1.3	1943	18	-49.7	-2.8									
1944	40	42.1	1.1	1944	20	-0.9	-0.0	1944	4	-7.6	-1.9									
1945	36	25.4	0.7	1945	27	6.7	0.2	1945	2	-3.9	-2.0									
1946	59	38.4	0.7	1946	33	-16.8	-0.5	1946	6	-16.7	-2.8									
1947	44	55.2	1.3	1947	21	0.5	0.0	1947	4	-8.4	-2.1									
1948	42	12.3	0.3	1948	30	-13.4	-0.4	1948	6	-13.4	-2.2									
1949	48	2.8	0.1	1949	34	-25.2	-0.7	1949	11	-30.6	-2.8									
1950	33	39.2	1.2	1950	18	4.5	0.3	1950	1	-1.7	-1.7									
1951	0	0.0		1951	0	0.0		1951	0	0.0										
1952	45	13.1	0.3	1952	33	-16.0	-0.5	1952	10	-29.4	-2.9									
1953	55	17.2	0.3	1953	38	-20.2	-0.5	1953	7	-17.3	-2.5									
1954	31	33.1	1.1	1954	19	7.9	0.4	1954	0	0.0										
1955	44	43.8	1.0	1955	26	0.7	0.0	1955	3	-7.2	-2.4									
1956	49	56.2	1.1	1956	25	3.5	0.1	1956	3	-5.1	-1.7									
1957	44	25.3	0.6	1957	26	-14.0	-0.5	1957	7	-15.1	-2.2									
1958	39	24.4	0.6	1958	24	-12.5	-0.5	1958	7	-16.1	-2.3									
1959	39	50.3	1.3	1959	22	10.0	0.5	1959	0	0.0										
1960	64	34.4	0.5	1960	37	-23.1	-0.6	1960	10	-22.2	-2.2									
1961	56	39.8	0.7	1961	27	-26.5	-1.0	1961	13	-32.3	-2.5									
1962	53	56.6	1.1	1962	25	-6.9	-0.3	1962	5	-10.0	-2.0									
1963	41	44.2	1.1	1963	19	-6.2	-0.3	1963	3	-6.2	-2.1									
1964	43	44.5	1.0	1964	24	0.0	0.0	1964	3	-7.2	-2.4									
1965	45	14.2	0.3	1965	27	-27.2	-1.0	1965	12	-30.1	-2.5									
1966	49	27.2	0.6	1966	29	-15.2	-0.5	1966	7	-17.1	-2.4									
1967	46	29.5	0.6	1967	26	-11.3	-0.4	1967	3	-6.5	-2.2									
1968	54	45.0	0.8	1968	28	-12.7	-0.5	1968	7	-14.7	-2.1									
1969	36	41.9	1.2	1969	16	4.3	0.3	1969	0	0.0										
1970	67	-1.0	-0.0	1970	45	-46.6	-1.0	1970	18	-48.0	-2.7									
1971	43	-9.7	-0.2	1971	29	-38.4	-1.3	1971	11	-33.9	-3.1									
1972	49	34.2	0.7	1972	23	-19.5	-0.8	1972	8	-20.5	-2.6									
1973	21	30.7	1.5	1973	7	1.8	0.3	1973	0	0.0										
1974	47	31.7	0.7	1974	24	-10.2	-0.4	1974	5	-10.3	-2.1									
1975	32	46.2	1.4	1975	11	4.0	0.4	1975	0	0.0		20 years	35.2	1.0	20 years	17.5	-0.1	20 years	2.6	-2.0
1976	43	52.1	1.2	1976	16	-2.1	-0.1	1976	2	-3.6	-1.8	19 years	34.7	1.0	19 years	17.6	-0.1	19 years	2.6	-2.0
1977	45	28.5	0.6	1977	22	-16.2	-0.7	1977	5	-13.2	-2.6	18 years	34.2	1.0	18 years	17.3	-0.1	18 years	2.5	-2.0
1978	36	25.6	0.7	1978	18	-9.9	-0.6	1978	3	-6.5	-2.2	17 years	34.1	1.0	17 years	17.3	-0.1	17 years	2.5	-2.0
1979	38	41.4	1.1	1979	19	-0.6	-0.0	1979	2	-3.3	-1.7	16 years	33.8	1.0	16 years	17.2	-0.1	16 years	2.5	-2.0
1980	34	35.7	1.1	1980	18	-0.3	-0.0	1980	1	-2.0	-2.0	15 years	33.8	1.0	15 years	17.1	-0.1	15 years	2.6	-2.0
1981	33	41.9	1.3	1981	15	3.3	0.2	1981	0	0.0		14 years	33.9	1.0	14 years	17.3	-0.1	14 years	2.8	-2.0
1982	48	13.1	0.3	1982	34	-15.3	-0.5	1982	7	-14.4	-2.1	13 years	32.8	1.0	13 years	16.0	-0.1	13 years	2.5	-2.0
1983	24	29.4	1.2	1983	12	2.3	0.2	1983	0	0.0		12 years	33.5	1.0	12 years	16.3	-0.1	12 years	2.7	-2.0
1984	35	59.3	1.7	1984	8	0.5	0.1	1984	1	-1.9	-1.9	11 years	33.4	0.9	11 years	17.1	-0.1	11 years	2.8	-2.0
1985	35	34.1	1.0	1985	15	-6.3	-0.4	1985	4	-10.2	-2.6	10 years	33.2	0.9	10 years	17.3	-0.1	10 years	2.7	-1.9
1986	36	21.8	0.6	1986	21	-11.2	-0.5	1986	5	-12.4	-2.5	9 years	32.9	1.0	9 years	16.9	-0.1	9 years	2.4	-1.8
1987	33	21.3	0.6	1987	20	-5.7	-0.3	1987	4	-8.1	-2.0	8 years	32.9	1.0	8 years	16.5	-0.0	8 years	2.3	-1.8
1988	19	20.4	1.1	1988	8	0.0	0.0	1988	0	0.0		7 years	34.9	1.0	7 years	17.7	-0.0	7 years	2.6	-1.8
1989	36	31.5	0.9	1989	19	-3.2	-0.2	1989	2	-4.3	-2.2	6 years	34.7	1.0	6 years	17.5	0.0	6 years	2.7	-1.7
1990	31	35.5	1.1	1990	15	1.1	0.1	1990	2	-3.0	-1.5	5 years	35.4	1.0	5 years	18.0	-0.0	5 years	2.8	-1.8
1991	33	37.8	1.1	1991	14	0.4	0.0	1991	1	-1.5	-1.5	4 years	36.0	1.0	4 years	19.0	-0.0	4 years	3.3	-1.9
1992	40	44.4	1.1	1992	21	6.1	0.3	1992	0	0.0		3 years	34.7	0.9	3 years	18.3	-0.1	3 years	4.3	-1.9
1993	15	20.6	1.4	1993	6	2.5	0.4	1993	1	-1.5	-1.5	2 years	44.5	0.7	2 years	24.5	-0.4	2 years	6.0	-2.1
1994	52	30.9	0.6	1994	29	-13.4	-0.5	1994	7	-13.1	-1.9	1 years	37.0	0.7	1 years	20.0	-0.3	1 years	5.0	-2.3
1995	37	27.6	0.7	1995	20	-6.9	-0.3	1995	5	-11.3	-2.3	0 years	23.0	1.5	0 years	5.0	-0.8	0 years	1.0	-2.3
1996	23	33.9	1.5	1996	5	-3.8	-0.8	1996	1	-2.3	-2.3	1 years	35.0	0.5	1 years	21.0	-0.4	1 years	4.0	-1.9
1997	35	17.1	0.5	1997	21	-7.9	-0.4	1997												



10th 5.2	Annual # days below 10th percentile	Annual total C in days below 10th percentile	Annual average C in days below 10th percentile	5th 4.1	Annual # days below 5th percentile	Annual total C in days below 5th percentile	Annual average C in days below 5th percentile	1st 2.5	Annual # days below 1st percentile	Annual total C in days below 1st percentile	Annual average C in days below 1st percentile
1910	31	134.0	4.3	1910	10	33.3	3.3	1910	2	3.7	1.9
1911	36	139.5	3.9	1911	22	72.3	3.3	1911	4	8.2	2.1
1912	29	109.7	3.8	1912	15	45.2	3.0	1912	3	5.2	1.7
1913	47	196.2	4.2	1913	20	69.3	3.5	1913	1	2.3	2.3
1914	30	135.1	4.5	1914	9	32.5	3.6	1914	0	0.0	
1915	52	220.6	4.2	1915	20	69.1	3.5	1915	2	4.8	2.4
1916	51	204.2	4.0	1916	27	89.7	3.3	1916	4	8.7	2.2
1917	62	241.5	3.9	1917	30	94.3	3.1	1917	6	11.2	1.9
1918	46	181.6	3.9	1918	24	78.2	3.3	1918	4	6.6	1.7
1919	43	155.3	3.6	1919	23	58.7	2.6	1919	12	21.0	1.8
1920	51	194.7	3.8	1920	28	85.4	3.1	1920	7	12.5	1.8
1921	46	186.1	4.0	1921	21	67.1	3.2	1921	4	7.4	1.9
1922	28	113.1	4.0	1922	13	42.7	3.3	1922	2	3.8	1.9
1923	44	188.1	4.3	1923	19	69.6	3.7	1923	1	2.3	2.3
1924	48	175.1	3.6	1924	32	99.6	3.1	1924	7	15.0	2.1
1925	41	172.3	4.2	1925	21	72.3	3.4	1925	1	2.4	2.4
1926	36	158.1	4.4	1926	14	53.2	3.8	1926	0	0.0	
1927	67	242.1	3.6	1927	50	160.6	3.2	1927	9	16.7	1.9
1928	22	93.9	4.3	1928	10	36.6	3.7	1928	0	0.0	
1929	40	145.3	3.6	1929	18	41.9	2.3	1929	11	19.3	1.8
1930	27	118.6	4.4	1930	11	40.8	3.7	1930	0	0.0	
1931	33	135.2	4.1	1931	16	53.0	3.3	1931	2	4.7	2.4
1932	30	116.4	3.9	1932	15	44.6	3.0	1932	4	8.8	2.2
1933	38	138.9	3.7	1933	25	79.7	3.2	1933	4	7.6	1.9
1934	19	80.6	4.2	1934	8	29.6	3.7	1934	0	0.0	
1935	39	149.8	3.8	1935	25	84.1	3.4	1935	5	10.6	2.1
1936	51	213.3	4.2	1936	19	64.7	3.4	1936	3	6.4	2.1
1937	45	186.0	4.1	1937	20	66.8	3.3	1937	2	4.1	2.1
1938	38	145.7	3.8	1938	16	44.5	2.8	1938	5	8.6	1.7
1939	40	163.6	4.1	1939	18	59.0	3.3	1939	2	3.9	2.0
1940	31	134.1	4.3	1940	9	29.5	3.3	1940	1	1.7	1.7
1941	31	120.1	3.9	1941	16	50.1	3.1	1941	2	3.9	2.0
1942	32	117.8	3.7	1942	22	67.8	3.1	1942	4	7.7	1.9
1943	46	150.4	3.3	1943	31	80.4	2.6	1943	12	16.2	1.4
1944	59	207.1	3.5	1944	37	103.4	2.8	1944	14	25.6	1.8
1945	33	123.7	3.7	1945	15	40.2	2.7	1945	7	13.5	1.9
1946	49	188.8	3.9	1946	25	79.2	3.2	1946	5	8.9	1.8
1947	42	154.6	3.7	1947	25	75.9	3.0	1947	7	13.4	1.9
1948	49	199.2	4.1	1948	22	70.6	3.2	1948	3	4.5	1.5
1949	39	135.6	3.5	1949	29	89.8	3.1	1949	6	10.6	1.8
1950	19	78.5	4.1	1950	9	29.8	3.3	1950	2	4.4	2.2
1951	34	131.6	3.9	1951	18	55.7	3.1	1951	5	10.5	2.1
1952	51	195.2	3.8	1952	28	85.8	3.1	1952	7	13.9	2.0
1953	56	210.5	3.8	1953	30	90.2	3.0	1953	8	13.9	1.7
1954	56	212.8	3.8	1954	31	97.4	3.1	1954	6	11.1	1.9
1955	41	156.7	3.8	1955	22	67.3	3.1	1955	5	9.7	1.9
1956	52	202.3	3.9	1956	27	82.8	3.1	1956	6	11.7	2.0
1957	49	191.8	3.9	1957	25	80.2	3.2	1957	4	7.7	1.9
1958	45	143.2	3.2	1958	34	90.0	2.6	1958	14	23.3	1.7
1959	44	172.2	3.9	1959	23	73.8	3.2	1959	3	5.3	1.8
1960	42	155.7	3.7	1960	28	89.9	3.2	1960	5	10.0	2.0
1961	35	135.6	3.9	1961	15	42.2	2.8	1961	4	5.6	1.4
1962	46	167.6	3.6	1962	28	83.6	3.0	1962	9	17.5	1.9
1963	48	191.3	4.0	1963	23	72.9	3.2	1963	6	10.6	1.8
1964	49	177.0	3.6	1964	29	84.2	2.9	1964	9	15.8	1.8
1965	51	185.3	3.6	1965	32	93.5	2.9	1965	9	15.0	1.7
1966	64	216.0	3.4	1966	43	118.3	2.8	1966	13	17.2	1.3
1967	44	166.1	3.8	1967	24	71.0	3.0	1967	8	15.1	1.9
1968	64	213.3	3.3	1968	43	115.1	2.7	1968	15	23.5	1.6
1969	25	99.5	4.0	1969	13	41.9	3.2	1969	1	2.2	2.2
1970	57	222.7	3.9	1970	25	74.0	3.0	1970	6	10.1	1.7
1971	68	255.1	3.8	1971	35	99.7	2.8	1971	12	20.6	1.7
1972	33	139.2	4.2	1972	9	23.8	2.6	1972	4	6.6	1.7
1973	30	126.5	4.2	1973	9	27.9	3.1	1973	2	4.8	2.4
1974	24	97.7	4.1	1974	9	29.2	3.2	1974	2	3.0	1.5
1975	32	137.3	4.3	1975	11	37.1	3.4	1975	1	2.5	2.5
1976	35	147.9	4.2	1976	13	44.1	3.4	1976	1	1.7	1.7
1977	46	162.3	3.5	1977	29	83.5	2.9	1977	11	22.4	2.0
1978	40	154.1	3.9	1978	20	60.3	3.0	1978	7	15.3	2.2
1979	40	149.8	3.7	1979	27	90.6	3.4	1979	3	7.0	2.3
1980	34	139.8	4.1	1980	18	61.3	3.4	1980	2	4.2	2.1
1981	37	129.1	3.5	1981	25	72.9	2.9	1981	8	15.7	2.0
1982	44	168.9	3.8	1982	20	55.3	2.8	1982	7	11.6	1.7
1983	34	127.5	3.8	1983	21	67.8	3.2	1983	6	14.0	2.3
1984	30	125.8	4.2	1984	12	41.7	3.5	1984	0	0.0	
1985	35	134.5	3.8	1985	20	62.8	3.1	1985	4	6.8	1.7
1986	37	135.9	3.7	1986	22	64.9	3.0	1986	6	11.0	1.8
1987	33	138.0	4.2	1987	11	35.9	3.3	1987	2	4.5	2.3
1988	16	76.1	4.8	1988	1	3.0	3.0	1988	0	0.0	
1989	28	120.4	4.3	1989	11	38.1	3.5	1989	1	2.0	2.0
1990	17	72.5	4.3	1990	6	20.8	3.5	1990	1	2.4	2.4
1991	25	98.9	4.0	1991	15	50.0	3.3	1991	2	4.8	2.4
1992	38	163.5	4.3	1992	17	61.2	3.6	1992	0	0.0	
1993	24	106.9	4.5	1993	6	21.4	3.6	1993	0	0.0	
1994	45	165.5	3.7	1994	25	70.0	2.8	1994	8	14.7	1.8
1995	45	154.6	3.4	1995	32	94.0	2.9	1995	10	17.9	1.8
1996	30	120.8	4.0	1996	14	41.9	3.0	1996	4	8.0	2.0
1997	37	157.4	4.3	1997	15	52.6	3.5	1997	1	2.3	2.3
1998	20	80.0	4.0	1998	10	34.0	3.4	1998	1	2.3	2.3
1999	21	94.4	4.5	1999	6	21.9	3.7	1999	0	0.0	
2000	31	140.9	4.5	2000	8	28.0	3.5	2000	1	2.3	2.3
2001	9	37.0	4.1	2001	5	17.4	3.5	2001	0	0.0	
2002	37	155.7	4.2	2002	14	46.4	3.3	2002	1	2.1	2.1
2003	32	135.0	4.2	2003	11	36.3	3.3	2003	2	4.9	2.5
2004	26	111.8	4.3	2004	12	44.8	3.7	2004	1	2.5	2.5
2005	21	88.5	4.2	2005	7	23.1	3.3	2005	1	2.4	2.4
2006	28	121.3	4.3	2006	8	26.0	3.3	2006	2	4.5	2.3
2007	20	80.9	4.0	2007	9	27.9	3.1	2007	2	4.1	2.1
2008	36	148.2	4.1	2008	15	48.3	3.2	2008	3	6.4	2.1
2009	16	66.1	4.1	2009	7	23.2	3.3	2009	0	0.0	
2010	26	107.9	4.2	2010	12	42.2	3.5	2010	0	0.0	
2011	18	72.1	4.0	2011	9	29.9	3.3	2011	1	2.0	2.0
2012	32	130.7	4.1	2012	16	55.9	3.5	2012	1	1.5	1.5
2013	20	88.9	4.4	2013	4	14.5	3.6	2013	0	0.0	
2014	15	60.5	4.0	2014	7	21.9	3.1	2014	2	4.5	2.3
2015	32	132.9	4.2	2015	14	48.1	3.4	2015	2	3.6	1.8
2016	12	51.7	4.3	2016	5	18.2	3.6	2016	0	0.0	
2017	33	141.2	4.3	2017	15	54.3	3.6	2017	0	0.0	
2018	31	129.2	4.2	2018	13	43.2	3.3	2018	2	4.2	2.1
2019	20	88.6	4.4	2019	5	17.6	3.5	2019	0	0.0	
2020	8	36.8	4.6	2020	1	2.5	2.5	2020	1	2.5	2.5
2021	17	78.9	4.6	2021	4	16.1	4.0	2021	0	0.0	
2022	20	90.6	4.5	2022	4	14.0	3.5	2022	0	0.0	
50/50	No AWS / small screen unknown			50/50	No AWS / small screen unknown			50/50	No AWS / small screen unknown		
1910-1965	41.8	162.0	3.9	1910-1965	22.0	68.7	3.2	1910-1965	4.8	8.9	1.9
1966-2022	31.1	124.4	4.1	1966-2022	14.4	45.4	3.3	1966-2022	3.0	5.6	2.0









10th 2.2	Annual # days below 10th percentile	Annual total C in days below 10th percentile	Annual average C in days below 10th percentile	5th 0.8	Annual # days below 5th percentile	Annual total C in days below 5th percentile	Annual average C in days below 5th percentile	1st -1.4	Annual # days below 1st percentile	Annual total C in days below 1st percentile	Annual average C in days below 1st percentile	Pre and post cumulative averages	AWS 10th percentile average in years pre and post AWS	Pre and post cumulative averages	AWS 5th percentile average in years pre and post AWS	Pre and post cumulative averages	AWS 1st percentile average in years pre and post AWS			
													Av #	Av C		Av #	Av C			
1911	31	12.0	0.4	1911	15	-12.9	-0.9	1911	5	-11.2	-2.2									
1912	45	42.1	0.9	1912	18	-3.2	-0.2	1912	1	-1.7	-1.7									
1913	33	13.8	0.4	1913	18	-12.8	-0.7	1913	5	-9.5	-1.9									
1914	47	32.5	0.7	1914	19	-14.7	-0.8	1914	5	-10.6	-2.1									
1915	14	23.9	1.7	1915	2	0.6	0.3	1915	0	0.0	0.0									
1916	23	25.7	1.1	1916	8	0.6	0.1	1916	0	0.0	0.0									
1917	25	23.8	1.0	1917	6	-5.6	-0.9	1917	2	-5.6	-2.8									
1918	35	43.4	1.2	1918	11	0.2	0.0	1918	1	-1.7	-1.7									
1919	37	5.8	0.2	1919	24	-16.6	-0.7	1919	7	-14.5	-2.1									
1920	45	37.9	0.8	1920	17	-7.0	-0.4	1920	3	-6.7	-2.2									
1921	31	36.8	1.2	1921	6	-5.6	-0.9	1921	3	-5.6	-1.9									
1922	44	45.8	1.0	1922	16	0.8	0.1	1922	1	-2.2	-2.2									
1923	13	21.6	1.7	1923	1	0.6	0.6	1923	0	0.0	0.0									
1924	48	23.5	0.5	1924	25	-14.4	-0.6	1924	6	-14.5	-2.4									
1925	43	47.5	1.1	1925	16	-3.7	-0.2	1925	2	-3.4	-1.7									
1926	29	16.9	0.6	1926	14	-7.8	-0.6	1926	4	-6.8	-1.7									
1927	45	37.1	0.8	1927	17	-10.1	-0.6	1927	4	-7.3	-1.8									
1928	43	22.5	0.5	1928	23	-10.2	-0.4	1928	4	-10.0	-2.5									
1929	62	28.1	0.5	1929	27	-30.4	-1.1	1929	10	-27.3	-2.7									
1930	38	29.5	0.8	1930	14	-11.6	-0.8	1930	4	-9.5	-2.4									
1931	14	20.0	1.4	1931	2	1.4	0.7	1931	0	0.0	0.0									
1932	27	21.8	0.8	1932	10	-5.1	-0.5	1932	1	-1.4	-1.4									
1933	30	26.7	0.9	1933	13	-2.1	-0.2	1933	1	-1.4	-1.4									
1934	30	17.7	0.6	1934	15	-8.6	-0.6	1934	1	-2.8	-2.8									
1935	14	17.0	1.2	1935	4	0.3	0.1	1935	0	0.0	0.0									
1936	18	16.1	0.9	1936	7	-1.9	-0.3	1936	1	-1.7	-1.7									
1937	23	18.4	0.8	1937	13	0.8	0.1	1937	0	0.0	0.0									
1938	42	25.7	0.6	1938	22	-8.7	-0.4	1938	4	-6.7	-1.7									
1939	33	20.7	0.6	1939	15	-9.5	-0.6	1939	5	-9.4	-1.9									
1940	37	39.5	1.1	1940	13	-0.1	-0.0	1940	0	0.0	0.0									
1941	16	9.5	0.6	1941	8	-3.5	-0.4	1941	1	-2.2	-2.2									
1942	15	22.6	1.5	1942	2	0.6	0.3	1942	0	0.0	0.0									
1943	35	33.0	0.9	1943	14	-0.1	-0.0	1943	1	-1.7	-1.7									
1944	49	-7.6	-0.2	1944	34	-30.5	-0.9	1944	7	-16.3	-2.3									
1945	33	16.8	0.5	1945	16	-11.1	-0.7	1945	5	-12.1	-2.4									
1946	33	38.8	1.2	1946	10	-1.8	-0.2	1946	1	-1.7	-1.7									
1947	26	34.7	1.3	1947	7	1.8	0.3	1947	0	0.0	0.0									
1948	32	47.6	1.5	1948	7	1.2	0.2	1948	0	0.0	0.0									
1949	1	1.7	1.7	1949	0	0.0	0.0	1949	0	0.0	0.0									
1950	47	50.0	1.1	1950	17	-1.0	-0.1	1950	1	-1.7	-1.7									
1951	28	26.2	0.9	1951	13	-1.0	-0.1	1951	1	-1.7	-1.7									
1952	43	53.4	1.2	1952	12	0.6	0.1	1952	0	0.0	0.0									
1953	50	50.9	1.0	1953	17	-3.2	-0.2	1953	1	-2.2	-2.2									
1954	56	40.6	0.7	1954	28	-8.0	-0.3	1954	3	-7.8	-2.6									
1955	29	29.1	1.0	1955	13	1.4	0.1	1955	0	0.0	0.0									
1956	41	51.1	1.2	1956	11	-1.0	-0.1	1956	0	0.0	0.0									
1957	47	37.3	0.8	1957	18	-13.9	-0.8	1957	5	-9.6	-1.9									
1958	54	-14.9	-0.3	1958	34	-46.6	-1.4	1958	16	-47.2	-3.0									
1959	66	-11.8	-0.2	1959	42	-47.7	-1.1	1959	15	-43.6	-2.9									
1960	48	16.8	0.4	1960	25	-17.4	-0.7	1960	9	-15.9	-1.8									
1961	44	24.5	0.6	1961	23	-10.5	-0.5	1961	6	-10.6	-1.8									
1962	39	33.8	0.9	1962	16	-0.1	-0.0	1962	2	-4.4	-2.2									
1963	36	17.8	0.5	1963	18	-12.9	-0.7	1963	4	-10.3	-2.6									
1964	41	9.9	0.2	1964	24	-17.9	-0.7	1964	5	-14.5	-2.9									
1965	57	27.8	0.5	1965	24	-29.2	-1.2	1965	10	-28.9	-2.9									
1966	47	20.9	0.4	1966	25	-13.5	-0.5	1966	4	-9.3	-2.3									
1967	62	17.9	0.3	1967	40	-19.7	-0.5	1967	8	-14.6	-1.8									
1968	44	24.6	0.6	1968	23	-12.0	-0.5	1968	5	-11.5	-2.3									
1969	54	29.8	0.6	1969	26	-19.2	-0.7	1969	8	-14.5	-1.8									
1970	58	40.4	0.7	1970	28	-10.3	-0.4	1970	4	-9.4	-2.4									
1971	42	27.7	0.7	1971	23	-3.8	-0.2	1971	3	-5.2	-1.7									
1972	53	-3.4	-0.1	1972	29	-43.6	-1.5	1972	14	-36.6	-2.6									
1973	37	29.5	0.8	1973	14	-6.0	-0.4	1973	2	-4.0	-2.0									
1974	28	16.9	0.6	1974	9	-12.1	-1.3	1974	4	-10.1	-2.5									
1975	30	29.0	1.0	1975	10	-1.0	-0.1	1975	0	0.0	0.0									
1976	57	27.9	0.5	1976	22	-23.6	-1.1	1976	9	-25.2	-2.8									
1977	51	49.1	1.0	1977	17	-2.3	-0.1	1977	0	0.0	0.0									
1978	31	23.5	0.8	1978	13	-5.4	-0.4	1978	3	-5.4	-1.8									
1979	29	9.2	0.3	1979	15	-12.3	-0.8	1979	5	-9.5	-1.9									
1980	29	35.5	1.2	1980	11	3.3	0.3	1980	0	0.0	0.0	20 years	43.3	0.5	20 years	23.0	-0.5	20 years	6.6	-2.2
1981	18	22.4	1.2	1981	5	0.7	0.1	1981	0	0.0	0.0	19 years	43.5	0.5	19 years	23.2	-0.5	19 years	6.5	-2.2
1982	66	-16.0	-0.2	1982	44	-49.8	-1.1	1982	19	-53.5	-2.8	18 years	43.2	0.5	18 years	22.8	-0.5	18 years	6.4	-2.2
1983	40	19.0	0.5	1983	19	-14.7	-0.8	1983	7	-14.7	-2.1	17 years	43.0	0.5	17 years	22.8	-0.5	17 years	6.4	-2.2
1984	48	11.1	0.2	1984	29	-17.9	-0.6	1984	8	-17.9	-2.2	16 years	44.1	0.5	16 years	23.6	-0.5	16 years	6.8	-2.2
1985	47	20.9	0.4	1985	24	-16.5	-0.7	1985	7	-18.1	-2.6	15 years	44.5	0.5	15 years	24.3	-0.5	15 years	7.2	-2.2
1986	26	29.0	1.1	1986	9	-1.1	-0.1	1986	1	-2.3	-2.3	14 years	46.6	0.4	14 years	25.9	-0.6	14 years	7.7	-2.2
1987	38	37.7	1.0	1987	14	-0.4	-0.0	1987	0	0.0	0.0	13 years	46.9	0.4	13 years	26.5	-0.6	13 years	8.2	-2.2
1988	14	21.0	1.5	1988	2	0.4	0.2	1988	0	0.0	0.0	12 years	47.8	0.3	12 years	27.4	-0.7	12 years	8.8	-2.2
1989	43	37.7	0.9	1989	18	-5.0	-0.3	1989	2	-2.8	-1.4	11 years	50.0	0.2	11 years	29.3	-0.7	11 years	9.5	-2.3
1990	36	36.4	1.0	1990	15	2.3	0.2	1990	0	0.0	0.0	10 years	51.9	0.2	10 years	30.6	-0.8	10 years	10.1	-2.4
1991	24	31.7	1.3	1991	7	1.2	0.2	1991	1	-1.4	-1.4	9 years	53.7	0.1	9 years	32.4	-0.9	9 years	11.0	-2.5
1992	31	17.9	0.6	1992	16	-5.1	-0.3	1992	4	-6.0	-1.5	8 years	53.0	0.1	8 years	31.6	-0.9	8 years	10.9	-2.4
1993	36	36.0	1.0	1993	14	-2.4	-0.2	1993	2	-4.0	-2.0	7 years	53.9	0.0	7 years	32.9	-1.0	7 years	12.3	-2.3
1994	59	3.4	0.1	1994	39	-28.8	-0.7	1994	12	-30.8	-2.6	6 years	55.5	-0.0	6 years	34.3	-1.0	6 years	13.3	-2.3
1995	47	30.9	0.7	1995	23	-6.9	-0.3	1995	1	-3.6	-3.6	5 years	53.0	0.1	5 years	32.2	-0.9	5 years	11.6	-2.2
1996	44	14.4	0.3	1996	24	-15.6	-0.7	1996	6	-12.6	-2.1	4 years	52.3	0.1	4 years	31.3	-0.8	4 years	11.3	-2.1
1997	68	-39.6	-0.6	1997	45	-73.2	-1.6	1997	22	-66.2	-3.0	3 years	48.7	0.1	3 years	29.0	-0.8	3 years	9.7	-2.1
1998	56	-8.3	-0.1	1998	36	-39.0	-1.1	1998	13	-32.7	-2.5	2 years	52.5	0.2	2 years	31.5	-0.7	2 years		



10th 15.0	Annual # days below 10th percentile	Annual total C in days below 10th percentile	Annual average C in days below 10th percentile	5th 13.1	Annual # days below 5th percentile	Annual total C in days below 5th percentile	Annual average C in days below 5th percentile	1st 10.6	Annual # days below 1st percentile	Annual total C in days below 1st percentile	Annual average C in days below 1st percentile	Pre and post cumulative averages	AWS 10th percentile average in years pre and post AWS	Pre and post cumulative averages	AWS 5th percentile average in years pre and post AWS	Pre and post cumulative averages	AWS 1st percentile average in years pre and post AWS			
													Av #	Av C	Av #	Av C	Av #	Av C		
1910	30	363.1	12.1	1910	20	220.9	11.0	1910	9	84.5	9.4									
1911	56	683.5	12.2	1911	35	389.8	11.1	1911	11	100.2	9.1									
1912	38	482.6	12.7	1912	26	314.2	12.1	1912	2	20.7	10.4									
1913	70	926.3	13.2	1913	27	313.8	11.6	1913	3	28.0	9.3									
1914	44	562.2	12.8	1914	20	225.2	11.3	1914	7	64.8	9.3									
1915	49	640.4	13.1	1915	22	260.0	11.8	1915	4	40.0	10.0									
1916	11	149.7	13.6	1916	3	35.5	11.8	1916	0	0.0										
1917	35	432.7	12.4	1917	16	165.3	10.3	1917	9	83.1	9.2									
1918	46	553.1	12.0	1918	35	400.0	11.4	1918	10	98.6	9.9									
1919	57	703.2	12.3	1919	36	404.7	11.2	1919	9	83.3	9.3									
1920	24	325.5	13.6	1920	7	80.2	11.5	1920	0	0.0										
1921	23	279.8	12.2	1921	17	195.1	11.5	1921	7	69.1	9.9									
1922	58	670.6	11.6	1922	39	406.5	10.4	1922	23	217.3	9.4									
1923	70	854.5	12.2	1923	49	561.0	11.4	1923	13	123.9	9.5									
1924	38	514.0	13.5	1924	12	145.8	12.2	1924	2	21.2	10.6									
1925	83	1030.5	12.4	1925	44	479.8	10.9	1925	12	100.5	8.4									
1926	49	653.8	13.3	1926	16	184.5	11.5	1926	4	38.8	9.7									
1927	15	196.4	13.1	1927	8	95.5	11.9	1927	0	0.0										
1928	14	201.8	14.4	1928	1	12.9	12.9	1928	0	0.0										
1929	75	966.6	12.9	1929	40	470.6	11.8	1929	5	51.8	10.4									
1930	45	592.2	13.2	1930	25	302.4	12.1	1930	3	30.6	10.2									
1931	33	427.4	13.0	1931	18	212.8	11.8	1931	2	20.0	10.0									
1932	46	573.9	12.5	1932	28	320.3	11.4	1932	7	67.2	9.6									
1933	30	370.3	12.3	1933	18	199.1	11.1	1933	7	65.8	9.4									
1934	33	440.6	13.4	1934	12	136.9	11.4	1934	4	40.8	10.2									
1935	23	320.3	13.9	1935	4	48.1	12.0	1935	0	0.0										
1936	21	260.8	12.4	1936	12	131.5	11.0	1936	5	48.3	9.7									
1937	40	497.9	12.4	1937	22	244.3	11.1	1937	9	89.9	10.0									
1938	27	351.8	13.0	1938	10	112.5	11.3	1938	3	27.9	9.3									
1939	54	659.7	12.2	1939	35	391.3	11.2	1939	13	124.5	9.6									
1940	40	544.0	13.6	1940	13	153.0	11.8	1940	3	31.2	10.4									
1941	62	777.3	12.5	1941	39	448.1	11.5	1941	9	88.4	9.8									
1942	22	297.0	13.5	1942	7	82.2	11.7	1942	0	0.0										
1943	49	619.6	12.6	1943	29	335.3	11.6	1943	7	72.4	10.3									
1944	20	272.5	13.6	1944	6	70.6	11.8	1944	1	10.6	10.6									
1945	33	400.3	12.1	1945	20	217.2	10.9	1945	8	71.6	9.0									
1946	74	925.8	12.5	1946	40	440.3	11.0	1946	14	126.7	9.1									
1947	51	670.8	13.2	1947	18	196.1	10.9	1947	6	52.3	8.7									
1948	49	613.6	12.5	1948	28	316.7	11.3	1948	7	61.6	8.8									
1949	69	880.2	12.8	1949	31	336.2	10.8	1949	14	133.4	9.5									
1950	49	640.3	13.1	1950	22	256.7	11.7	1950	4	40.0	10.0									
1951	64	784.9	12.3	1951	37	401.0	10.8	1951	16	146.9	9.2									
1952	61	784.1	12.9	1952	28	314.9	11.2	1952	12	123.6	10.3									
1953	69	883.5	12.8	1953	36	416.3	11.6	1953	10	100.6	10.1									
1954	31	403.3	13.0	1954	13	148.6	11.4	1954	6	63.6	10.6									
1955	20	280.8	14.0	1955	5	61.7	12.3	1955	0	0.0										
1956	53	690.7	13.0	1956	20	216.8	10.8	1956	9	87.3	9.7									
1957	44	589.6	13.4	1957	14	160.6	11.5	1957	4	41.2	10.3									
1958	34	449.0	13.2	1958	14	163.3	11.7	1958	3	27.7	9.2									
1959	47	594.5	12.6	1959	24	269.4	11.2	1959	7	61.7	8.8									
1960	58	737.4	12.7	1960	28	316.3	11.3	1960	8	75.1	9.4									
1961	57	764.5	13.4	1961	22	266.2	12.1	1961	2	20.0	10.0									
1962	27	360.5	13.4	1962	13	158.5	12.2	1962	1	10.6	10.6									
1963	51	633.7	12.4	1963	29	321.3	11.1	1963	11	105.1	9.6									
1964	33	439.0	13.3	1964	12	137.1	11.4	1964	4	42.0	10.5									
1965	47	586.4	12.5	1965	25	271.6	10.9	1965	10	91.5	9.2									
1966	27	372.5	13.8	1966	6	73.3	12.2	1966	0	0.0										
1967	51	660.7	13.0	1967	21	239.0	11.4	1967	5	49.5	9.9									
1968	41	553.8	13.5	1968	11	123.5	11.2	1968	3	27.3	9.1									
1969	30	417.8	13.9	1969	4	48.9	12.2	1969	0	0.0										
1970	30	409.5	13.7	1970	10	124.2	12.4	1970	0	0.0										
1971	51	649.5	12.7	1971	25	281.7	11.3	1971	8	77.1	9.6	20 years	27.6	13.3	20 years	12.0	11.9	20 years	2.0	9.7
1972	35	449.0	12.8	1972	20	236.8	11.8	1972	2	20.9	10.5	19 years	27.4	13.3	19 years	12.0	11.9	19 years	2.1	9.6
1973	10	142.2	14.2	1973	2	26.2	13.1	1973	0	0.0		18 years	26.7	13.3	18 years	11.3	12.0	18 years	1.8	9.6
1974	50	650.9	13.0	1974	22	254.4	11.6	1974	4	38.0	9.5	17 years	26.6	13.3	17 years	11.3	12.0	17 years	1.7	9.8
1975	26	334.0	12.8	1975	12	133.6	11.1	1975	3	26.4	8.8	16 years	26.1	13.4	16 years	10.6	12.1	16 years	1.2	9.9
1976	54	701.9	13.0	1976	31	374.9	12.1	1976	2	21.2	10.6	15 years	24.9	13.5	15 years	9.7	12.2	15 years	1.0	9.9
1977	62	790.8	12.8	1977	27	292.7	10.8	1977	10	95.1	9.5	14 years	25.1	13.5	14 years	9.5	12.2	14 years	1.1	9.9
1978	35	443.5	12.7	1978	15	164.3	11.0	1978	9	91.9	10.2	13 years	25.2	13.5	13 years	9.8	12.1	13 years	1.2	9.9
1979	19	259.4	13.7	1979	5	59.4	11.9	1979	0	0.0		12 years	26.4	13.4	12 years	10.5	12.0	12 years	1.3	9.9
1980	23	296.9	12.9	1980	15	184.7	12.3	1980	0	0.0		11 years	25.9	13.5	11 years	10.1	12.0	11 years	1.3	9.9
1981	31	416.0	13.4	1981	11	129.9	11.8	1981	1	10.0	10.0	10 years	24.9	13.6	10 years	9.0	12.1	10 years	1.0	10.1
1982	41	516.1	12.6	1982	24	276.9	11.5	1982	6	58.8	9.8	9 years	24.3	13.5	9 years	9.1	12.1	9 years	1.0	10.1
1983	28	361.5	12.9	1983	12	132.4	11.0	1983	4	33.7	8.4	8 years	23.9	13.6	8 years	8.9	12.1	8 years	1.1	10.1
1984	35	414.8	11.9	1984	23	243.7	10.6	1984	10	88.2	8.8	7 years	25.9	13.5	7 years	10.1	12.1	7 years	1.3	10.1
1985	44	563.7	12.8	1985	24	277.7	11.6	1985	4	39.9	10.0	6 years	26.0	13.5	6 years	10.3	12.2	6 years	0.8	9.9
1986	21	271.0	12.9	1986	12	145.5	12.1	1986	0	0.0		5 years	26.0	13.6	5 years	9.4	12.2	5 years	0.6	9.9
1987	24	331.9	13.8	1987	6	76.1	12.7	1987	0	0.0		4 years	26.0	13.6	4 years	9.5	12.3	4 years	0.8	9.9
1988	11	155.7	14.2	1988	1	13.0	13.0	1988	0	0.0		3 years	29.7	13.5	3 years	11.3	12.2	3 years	1.0	9.9
1989	32	421.0	13.2	1989	15	182.5	12.2	1989	1	10.1	10.1	2 years	34.0	13.4	2 years	14.0	12.1	2 years	1.5	9.9
1990	36	455.3	12.6	1990	21	240.6	11.5	1												







10th 2.5	Annual # days below 10th percentile	Annual total C in days below 10th percentile	Annual average C in days below 10th percentile	5th 1.0	Annual # days below 5th percentile	Annual total C in days below 5th percentile	Annual average C in days below 5th percentile	1st -1.1	Annual # days below 1st percentile	Annual total C in days below 1st percentile	Annual average C in days below 1st percentile	Pre and post cumulative averages		AWS 10th percentile average in years pre and post AWS		Pre and post cumulative averages		AWS 5th percentile average in years pre and post AWS		Pre and post cumulative averages		AWS 1st percentile average in years pre and post AWS			
												Av #	Av C	Av #	Av C	Av #	Av C	Av #	Av C						
1957	54	26.0	0.5	1957	30	-17.5	-0.6	1957	12	-19.3	-1.6														
1958	45	4.9	0.1	1958	29	-22.2	-0.8	1958	9	-21.8	-2.4														
1959	66	25.0	0.4	1959	33	-35.5	-1.1	1959	12	-37.4	-3.1														
1960	45	32.1	0.7	1960	20	-11.6	-0.6	1960	6	-10.5	-1.8														
1961	48	49.0	1.0	1961	19	-6.8	-0.4	1961	4	-6.2	-1.6														
1962	40	23.3	0.6	1962	23	-5.1	-0.2	1962	4	-5.8	-1.5														
1963	26	13.5	0.5	1963	13	-7.4	-0.6	1963	4	-7.8	-2.0														
1964	36	10.1	0.3	1964	22	-14.4	-0.7	1964	7	-15.9	-2.3														
1965	41	18.3	0.4	1965	25	-12.4	-0.5	1965	7	-13.7	-2.0														
1966	46	52.5	1.1	1966	14	-2.7	-0.2	1966	5	-7.0	-1.4														
1967	51	26.4	0.5	1967	26	-16.8	-0.6	1967	9	-15.3	-1.7														
1968	35	28.8	0.8	1968	16	-6.6	-0.4	1968	5	-9.0	-1.8														
1969	47	32.1	0.7	1969	24	-4.9	-0.2	1969	4	-5.4	-1.4														
1970	48	32.5	0.7	1970	26	-8.0	-0.3	1970	4	-7.5	-1.9														
1971	31	30.1	1.0	1971	14	2.1	0.2	1971	1	-1.3	-1.3														
1972	41	25.5	0.6	1972	20	-13.2	-0.7	1972	8	-15.7	-2.0														
1973	26	18.0	0.7	1973	15	-1.8	-0.1	1973	3	-4.3	-1.4														
1974	31	29.2	0.9	1974	14	0.3	0.0	1974	1	-1.6	-1.6														
1975	36	39.1	1.1	1975	17	3.0	0.2	1975	0	0.0	0.0														
1976	54	33.0	0.6	1976	31	-5.4	-0.2	1976	7	-15.1	-2.2	20 years	36.0	0.9	20 years	17.6	-0.2	20 years	3.7	-1.7					
1977	34	27.8	0.8	1977	16	-3.9	-0.2	1977	3	-4.6	-1.5	19 years	35.1	0.9	19 years	16.9	-0.2	19 years	3.5	-1.7					
1978	34	29.9	0.9	1978	16	-0.9	-0.1	1978	3	-4.7	-1.6	18 years	35.1	0.9	18 years	16.9	-0.2	18 years	3.6	-1.7					
1979	30	12.2	0.4	1979	17	-12.4	-0.7	1979	7	-11.9	-1.7	17 years	35.2	0.9	17 years	17.0	-0.2	17 years	3.6	-1.7					
1980	21	24.6	1.2	1980	10	3.7	0.4	1980	0	0.0	0.0	16 years	35.5	0.9	16 years	17.0	-0.1	16 years	3.4	-1.7					
1981	19	25.7	1.4	1981	6	1.5	0.3	1981	1	-1.5	-1.5	15 years	36.5	0.9	15 years	17.5	-0.2	15 years	3.6	-1.7					
1982	46	17.0	0.4	1982	27	-20.7	-0.8	1982	8	-18.0	-2.3	14 years	37.7	0.9	14 years	18.3	-0.2	14 years	3.8	-1.7					
1983	44	34.6	0.8	1983	22	-8.9	-0.4	1983	7	-13.0	-1.9	13 years	37.1	0.9	13 years	17.6	-0.2	13 years	3.5	-1.6					
1984	47	33.3	0.7	1984	24	-9.2	-0.4	1984	6	-12.1	-2.0	12 years	36.5	0.9	12 years	17.3	-0.1	12 years	3.2	-1.6					
1985	48	38.4	0.8	1985	24	-4.8	-0.2	1985	5	-10.9	-2.2	11 years	35.5	1.0	11 years	16.6	-0.1	11 years	2.9	-1.5					
1986	40	40.1	1.0	1986	19	-1.6	-0.1	1986	3	-4.4	-1.5	10 years	34.3	1.0	10 years	15.9	-0.1	10 years	2.7	-1.5					
1987	39	30.4	0.8	1987	24	3.5	0.1	1987	3	-3.9	-1.3	9 years	33.7	1.0	9 years	15.6	-0.1	9 years	2.7	-1.5					
1988	17	23.1	1.4	1988	6	1.5	0.3	1988	0	0.0	0.0	8 years	33.0	1.0	8 years	14.5	-0.1	8 years	2.6	-1.5					
1989	47	42.7	0.9	1989	21	-4.2	-0.2	1989	7	-9.6	-1.4	7 years	35.3	0.9	7 years	15.7	-0.2	7 years	3.0	-1.5					
1990	26	27.2	1.0	1990	9	-0.5	-0.1	1990	2	-2.4	-1.2	6 years	33.3	0.9	6 years	14.8	-0.2	6 years	2.3	-1.5					
1991	24	29.3	1.2	1991	7	-1.2	-0.2	1991	0	0.0	0.0	5 years	34.8	0.9	5 years	16.0	-0.2	5 years	2.4	-1.6					
1992	46	44.1	1.0	1992	19	-4.6	-0.2	1992	3	-5.6	-1.9	4 years	37.5	0.8	4 years	18.3	-0.2	4 years	3.0	-1.6					
1993	30	27.9	0.9	1993	16	2.4	0.2	1993	0	0.0	0.0	3 years	34.7	0.8	3 years	18.0	-0.2	3 years	3.0	-1.5					
1994	45	27.4	0.6	1994	25	-11.3	-0.5	1994	6	-9.6	-1.6	2 years	37.0	0.8	2 years	19.0	-0.4	2 years	4.5	-1.5					
1995	29	26.1	0.9	1995	13	-4.0	-0.3	1995	3	-4.1	-1.4	1 years	29.0	0.9	1 years	13.0	-0.3	1 years	3.0	-1.4					
1996	27	35.7	1.3	1996	11	2.9	0.3	1996	1	-1.2	-1.2	0 years	27.0	1.3	0 years	11.0	0.3	0 years	1.0	-1.2					
1997	48	22.7	0.5	1997	26	-18.4	-0.7	1997	12	-21.9	-1.8	1 years	48.0	0.5	1 years	26.0	-0.7	1 years	12.0	-1.8					
1998	36	32.3	0.9	1998	19	-0.7	-0.0	1998	1	-1.1	-1.1	2 years	42.0	0.7	2 years	22.5	-0.4	2 years	6.5	-1.5					
1999	25	15.0	0.6	1999	12	-6.2	-0.5	1999	3	-6.8	-2.3	3 years	36.3	0.7	3 years	19.0	-0.4	3 years	5.3	-1.7					
2000	30	37.5	1.3	2000	12	4.7	0.4	2000	0	0.0	0.0	4 years	34.8	0.8	4 years	17.3	-0.2	4 years	4.0	-1.7					
2001	30	30.9	1.0	2001	13	1.8	0.1	2001	1	-1.2	-1.2	5 years	33.8	0.9	5 years	16.4	-0.1	5 years	3.4	-1.6					
2002	45	33.4	0.7	2002	26	-2.1	-0.1	2002	3	-5.5	-1.8	6 years	35.7	0.8	6 years	18.0	-0.1	6 years	3.3	-1.6					
2003	24	22.3	0.9	2003	12	-0.1	-0.0	2003	1	-1.3	-1.3	7 years	34.0	0.8	7 years	17.1	-0.1	7 years	3.0	-1.6					
2004	31	42.1	1.4	2004	7	1.4	0.2	2004	1	-1.2	-1.2	8 years	33.6	0.9	8 years	15.9	-0.1	8 years	2.8	-1.5					
2005	26	24.0	0.9	2005	13	-0.1	-0.0	2005	1	-1.2	-1.2	9 years	32.8	0.9	9 years	15.6	-0.1	9 years	2.6	-1.5					
2006	60	27.9	0.5	2006	33	-19.3	-0.6	2006	9	-19.9	-2.2	10 years	35.5	0.9	10 years	17.3	-0.1	10 years	3.2	-1.6					
2007	35	26.3	0.8	2007	17	-7.6	-0.4	2007	4	-6.8	-1.7	11 years	35.5	0.9	11 years	17.3	-0.2	11 years	3.3	-1.6					
2008	30	24.0	0.8	2008	14	-4.4	-0.3	2008	4	-6.7	-1.7	12 years	35.0	0.9	12 years	17.0	-0.2	12 years	3.3	-1.6					
2009	22	32.6	1.5	2009	8	4.2	0.5	2009	0	0.0	0.0	13 years	34.0	0.9	13 years	16.3	-0.1	13 years	3.1	-1.6					
2010	39	21.2	0.5	2010	23	-7.4	-0.3	2010	5	-8.2	-1.6	14 years	34.4	0.9	14 years	16.8	-0.1	14 years	3.2	-1.6					
2011	34	32.9	1.0	2011	14	-2.2	-0.2	2011	1	-3.2	-3.2	15 years	34.3	0.9	15 years	16.6	-0.1	15 years	3.1	-1.7					
2012	39	27.8	0.7	2012	19	-8.0	-0.4	2012	6	-10.5	-1.8	16 years	34.6	0.9	16 years	16.8	-0.1	16 years	3.3	-1.7					
2013	27	35.4	1.3	2013	11	4.7	0.4	2013	0	0.0	0.0	17 years	34.2	0.9	17 years	16.4	-0.1	17 years	3.1	-1.7					
2014	29	18.3	0.6	2014	15	-10.5	-0.7	2014	6	-9.6	-1.6	18 years	33.9	0.9	18 years	16.3	-0.1	18 years	3.2	-1.7					
2015	33	20.1	0.6	2015	19	-7.0	-0.4	2015	4	-8.1	-2.0	19 years	33.8	0.9	19 years	16.5	-0.2	19 years	3.3	-1.7					
2016	32	41.4	1.3	2016	12	2.5	0.2	2016	1	-1.8	-1.8	20 years	33.8	0.9	20 years	16.3	-0.1	20 years	3.2	-1.7					
2017	49	37.4	0.8	2017	25	-8.5	-0.3	2017	4	-8.7	-2.2														
2018	42	18.1	0.4	2018	27	-9.4	-0.3	2018	8	-13.4	-1.7														
2019	47	29.7	0.6	2019	25	-10.9	-0.4	2019	9	-14.4	-1.6														
2020	46	28.8	0.6	2020	26	-8.8	-0.3	2020	6	-13.1	-2.2														
2021	34	44.1	1.3	2021	12	2.9	0.2	2021	0	0.0	0.0														
2022	27	21.7	0.8	2022	14	-2.7	-0.2	2022	3	-4.8	-1.6														
Original AWS probe Rosemount																									
<b>10 years</b> AWS and small screen both in 1996				<b>10 years</b> AWS and small screen both in 1996				<b>10 years</b> AWS and small screen both in 1996																	
Pre AWS				Pre AWS				Pre AWS				2.7		-4.0		-1.5									
Post AWS				Post AWS				Post AWS				3.2		-6.0		-1.6									
Pre small				Pre small				Pre small				2													



10th 4.8	Annual # days below 10th percentile	Annual total C in days below 10th percentile	Annual average C in days below 10th percentile	5th 3.3	Annual # days below 5th percentile	Annual total C in days below 5th percentile	Annual average C in days below 5th percentile	1st 0.9	Annual # days below 1st percentile	Annual total C in days below 1st percentile	Annual average C in days below 1st percentile	Pre and post cumulative averages	AWS 10th percentile average in years pre and post AWS	Pre and post cumulative averages	AWS 5th percentile average in years pre and post AWS	Pre and post cumulative averages	AWS 1st percentile average in years pre and post AWS
													Av # Av C		Av # Av C		Av # Av C
1941	38	133.2	3.5	1941	14	38.5	2.8	1941	0	0.0							
1942	28	98.5	3.5	1942	9	22.8	2.5	1942	0	0.0							
1943	46	139.6	3.0	1943	27	61.8	2.3	1943	3	0.9	0.3						
1944	57	161.3	2.8	1944	32	62.1	1.9	1944	6	-1.3	-0.2						
1945	24	73.1	3.0	1945	11	18.1	1.6	1945	5	2.0	0.4						
1946	50	144.7	2.9	1946	27	52.7	2.0	1946	5	1.0	0.2						
1947	30	103.5	3.5	1947	10	22.7	2.3	1947	1	0.0	0.0						
1948	43	103.8	2.4	1948	29	46.9	1.6	1948	7	0.7	0.1						
1949	51	158.4	3.1	1949	23	45.5	2.0	1949	4	1.0	0.3						
1950	36	124.2	3.5	1950	15	37.0	2.5	1950	1	0.5	0.5						
1951	34	105.4	3.1	1951	16	30.6	1.9	1951	3	1.4	0.5						
1952	37	124.0	3.4	1952	15	30.5	2.0	1952	4	-0.7	-0.2						
1953	49	143.1	2.9	1953	27	53.3	2.0	1953	7	0.8	0.1						
1954	38	113.2	3.0	1954	22	47.6	2.2	1954	4	2.3	0.6						
1955	19	56.0	2.9	1955	10	19.1	1.9	1955	1	0.7	0.7						
1956	34	95.0	2.8	1956	18	32.4	1.8	1956	3	0.4	0.1						
1957	27	85.4	3.2	1957	15	36.9	2.5	1957	0	0.0	0.0						
1958	24	52.7	2.2	1958	17	25.3	1.5	1958	6	-2.0	-0.3						
1959	34	109.7	3.2	1959	15	31.8	2.1	1959	3	0.9	0.3						
1960	47	124.8	2.7	1960	32	63.6	2.0	1960	8	2.0	0.3						
1961	44	101.9	2.3	1961	29	40.1	1.4	1961	11	-0.6	-0.1						
1962	25	77.7	3.1	1962	12	23.4	2.0	1962	0	0.0	0.0						
1963	26	73.6	2.8	1963	16	33.4	2.1	1963	3	2.0	0.7						
1964	36	108.4	3.0	1964	21	47.9	2.3	1964	1	-0.4	-0.4						
1965	35	84.1	2.4	1965	20	22.4	1.1	1965	10	-2.2	-0.2						
1966	41	140.8	3.4	1966	18	46.0	2.6	1966	0	0.0	0.0						
1967	57	158.9	2.8	1967	35	70.0	2.0	1967	6	2.7	0.5						
1968	28	90.3	3.2	1968	12	23.8	2.0	1968	3	1.2	0.4						
1969	29	96.4	3.3	1969	14	32.3	2.3	1969	0	0.0	0.0						
1970	44	124.9	2.8	1970	23	39.2	1.7	1970	5	0.8	0.2						
1971	39	118.3	3.0	1971	25	57.0	2.3	1971	2	0.5	0.3						
1972	31	104.5	3.4	1972	15	38.4	2.6	1972	1	0.7	0.7						
1973	8	33.3	4.2	1973	1	2.4	2.4	1973	0	0.0	0.0						
1974	26	75.9	2.9	1974	11	14.0	1.3	1974	4	1.2	0.3						
1975	26	77.1	3.0	1975	15	31.5	2.1	1975	3	1.1	0.4						
1976	69	191.2	2.8	1976	38	58.1	1.5	1976	11	-2.1	-0.2	20 years	30.5 3.0	20 years	16.3 2.0	20 years	3.0 0.2
1977	50	121.1	2.4	1977	33	52.0	1.6	1977	8	-0.7	-0.1	19 years	28.5 3.1	19 years	15.2 2.0	19 years	2.5 0.3
1978	33	119.8	3.6	1978	13	34.8	2.7	1978	0	0.0	0.0	18 years	27.3 3.1	18 years	14.2 2.1	18 years	2.2 0.3
1979	27	94.2	3.5	1979	12	31.7	2.6	1979	0	0.0	0.0	17 years	26.9 3.1	17 years	14.2 2.0	17 years	2.4 0.3
1980	31	103.8	3.3	1980	15	35.6	2.4	1980	0	0.0	0.0	16 years	26.9 3.0	16 years	14.4 2.0	16 years	2.5 0.3
1981	29	95.9	3.3	1981	13	29.7	2.3	1981	0	0.0	0.0	15 years	26.7 3.0	15 years	14.3 1.9	15 years	2.7 0.3
1982	46	114.8	2.5	1982	32	55.8	1.7	1982	6	2.5	0.4	14 years	26.5 3.0	14 years	14.4 1.9	14 years	2.9 0.3
1983	42	96.5	2.3	1983	28	39.0	1.4	1983	10	2.3	0.2	13 years	25.0 3.0	13 years	13.1 1.9	13 years	2.6 0.3
1984	41	134.9	3.3	1984	15	27.7	1.8	1984	4	1.6	0.4	12 years	23.6 3.1	12 years	11.8 2.0	12 years	2.0 0.3
1985	39	117.4	3.0	1985	21	43.9	2.1	1985	3	0.2	0.1	11 years	22.0 3.1	11 years	11.5 2.0	11 years	1.8 0.3
1986	32	102.4	3.2	1986	16	34.3	2.1	1986	2	1.1	0.6	10 years	20.3 3.1	10 years	10.6 2.0	10 years	1.7 0.3
1987	40	110.7	2.8	1987	26	54.9	2.1	1987	1	0.5	0.5	9 years	19.0 3.1	9 years	10.0 2.0	9 years	1.7 0.3
1988	26	91.7	3.5	1988	7	13.0	1.9	1988	0	0.0	0.0	8 years	16.4 3.1	8 years	8.0 1.9	8 years	1.8 0.1
1989	40	94.0	2.4	1989	25	33.0	1.3	1989	8	-2.0	-0.3	7 years	15.0 3.0	7 years	8.1 2.0	7 years	2.0 0.1
1990	30	90.3	3.0	1990	13	21.7	1.7	1990	0	0.0	0.0	6 years	10.8 3.2	6 years	5.3 2.2	6 years	1.0 0.5
1991	3	11.6	3.9	1991	1	3.1	3.1	1991	0	0.0	0.0	5 years	7.0 3.4	5 years	3.8 2.4	5 years	1.2 0.5
1992	0	0.0		1992	0	0.0		1992	0	0.0	0.0	4 years	8.0 2.9	4 years	4.5 1.7	4 years	1.5 0.5
1993	0	0.0		1993	0	0.0		1993	0	0.0	0.0	3 years	10.7 2.9	3 years	6.0 1.7	3 years	2.0 0.5
1994	0	0.0		1994	0	0.0		1994	0	0.0	0.0	2 years	16.0 2.9	2 years	9.0 1.7	2 years	3.0 0.5
1995	32	91.6	2.9	1995	18	31.2	1.7	1995	6	3.2	0.5	1 years	32.0 2.9	1 years	18.0 1.7	1 years	6.0 0.5
1996	17	59.2	3.5	1996	7	18.2	2.6	1996	0	0.0	0.0	0 years	17.0 3.5	0 years	7.0 2.6	0 years	0.0
1997	39	89.5	2.3	1997	24	29.4	1.2	1997	12	4.1	0.3	1 years	39.0 2.3	1 years	24.0 1.2	1 years	12.0 0.3
1998	19	60.0	3.2	1998	10	20.0	2.0	1998	2	1.5	0.8	2 years	29.0 2.7	2 years	17.0 1.6	2 years	7.0 0.5
1999	35	115.4	3.3	1999	15	31.3	2.1	1999	2	1.0	0.5	3 years	31.0 2.9	3 years	16.3 1.8	3 years	5.3 0.5
2000	40	128.9	3.2	2000	20	48.0	2.4	2000	1	0.8	0.8	4 years	33.3 3.0	4 years	17.3 1.9	4 years	4.3 0.6
2001	27	108.3	4.0	2001	5	16.2	3.2	2001	0	0.0	0.0	5 years	32.0 3.2	5 years	14.8 2.2	5 years	3.4 0.6
2002	48	129.9	2.7	2002	29	52.7	1.8	2002	4	-0.5	-0.1	6 years	34.7 3.1	6 years	17.2 2.1	6 years	3.5 0.5
2003	33	108.5	3.3	2003	14	30.6	2.2	2003	2	0.4	0.2	7 years	34.4 3.1	7 years	16.7 2.1	7 years	3.3 0.4
2004	33	92.6	2.8	2004	19	36.2	1.9	2004	4	0.0	0.0	8 years	34.3 3.1	8 years	17.0 2.1	8 years	3.4 0.4
2005	28	104.9	3.7	2005	6	15.7	2.6	2005	0	0.0	0.0	9 years	33.6 3.2	9 years	15.8 2.2	9 years	3.0 0.4
2006	53	146.1	2.8	2006	30	51.8	1.7	2006	8	1.1	0.1	10 years	35.5 3.1	10 years	17.2 2.1	10 years	3.5 0.3
2007	43	119.2	2.8	2007	23	37.8	1.6	2007	7	0.2	0.0	11 years	36.2 3.1	11 years	17.7 2.1	11 years	3.8 0.3
2008	39	108.9	2.8	2008	24	46.1	1.9	2008	4	-1.4	-0.4	12 years	36.4 3.1	12 years	18.3 2.1	12 years	3.8 0.2
2009	13	50.8	3.9	2009	2	6.3	3.2	2009	0	0.0	0.0	13 years	34.6 3.1	13 years	17.0 2.1	13 years	3.5 0.2
2010	30	82.5	2.8	2010	17	27.1	1.6	2010	4	-0.3	-0.1	14 years	34.3 3.1	14 years	17.0 2.1	14 years	3.6 0.2
2011	35	100.7	2.9	2011	19	39.6	2.1	2011	2	1.0	0.5	15 years	34.3 3.1	15 years	17.1 2.1	15 years	3.5 0.2
2012	60	136.0	2.3	2012	40	53.3	1.3	2012	15	1.0	0.1	16 years	35.9 3.0	16 years	18.6 2.1	16 years	4.2 0.2
2013	23	79.5	3.5	2013	9	22.0	2.4	2013	0	0.0	0.0	17 years	35.2 3.1	17 years	18.0 2.1	17 years	3.9 0.2
2014	32	96.5	3.0	2014	19	41.7	2.2	2014	2	0.2	0.1	18 years	35.0 3.1	18 years	18.1 2.1	18 years	3.8 0.2
2015	30	103.2	3.4	2015	10	22.3	2.2	2015	2	1.2	0.6	19 years	34.7 3.1	19 years	17.6 2.1	19 years	3.7 0.2
2016	28	93.9	3.4	2016	10	18.3	1.8	2016	2	0.6	0.3	20 years	34.4 3.1	20 years	17.3 2.1	20 years	3.7 0.2
2017	34	102.5	3.0	2017	18	38.0	2.1	2017	3	1.8	0.6						
2018	47	114.9	2.4	2018	28	37.5	1.3	2018	9	0.3	0.0						
2019	53	145.3	2.7	2019	30	52.2	1.7	2019	7	1.5	0.2						
2020	48	146.8	3.1	2020	28	66.5	2.4	2020	2	0.9	0.5						
2021	33	105.7	3.2	2021	14	29.5	2.1	2021	3	1.3	0.4						
2022	35	93.2	2.7	2022	20	27.7	1.4	2022	6	-2.5	-0.4						



10th 3.3	Annual # days below 10th percentile	Annual total C in days below 10th percentile	Annual average C in days below 10th percentile	5th 1.9	Annual # days below 5th percentile	Annual total C in days below 5th percentile	Annual average C in days below 5th percentile	1st 0.0	Annual # days below 1st percentile	Annual total C in days below 1st percentile	Annual average C in days below 1st percentile	Pre and post cumulative averages	AWS 10th percentile average in years pre and post AWS	Pre and post cumulative averages	AWS 5th percentile average in years pre and post AWS	Pre and post cumulative averages	AWS 1st percentile average in years pre and post AWS
													Av # Av C		Av # Av C		Av # Av C
1939	44	73.9	1.7	1939	24	19.8	0.8	1939	6	-3.7	-0.6						
1940	53	92.4	1.7	1940	26	17.5	0.7	1940	8	-3.6	-0.5						
1941	44	73.7	1.7	1941	24	21.6	0.9	1941	3	-2.6	-0.9						
1942	60	94.1	1.6	1942	30	13.3	0.4	1942	10	-8.5	-0.9						
1943	71	96.7	1.4	1943	42	17.6	0.4	1943	16	-13.1	-0.8						
1944	59	61.1	1.0	1944	36	-3.2	-0.1	1944	18	-19.5	-1.1						
1945	57	93.3	1.6	1945	28	14.7	0.5	1945	10	-6.0	-0.6						
1946	47	94.1	2.0	1946	19	16.7	0.9	1946	3	-1.3	-0.4						
1947	45	70.3	1.6	1947	25	14.2	0.6	1947	6	-5.6	-0.9						
1948	62	94.8	1.5	1948	32	11.7	0.4	1948	12	-8.9	-0.7						
1949	50	89.4	1.8	1949	26	24.2	0.9	1949	5	-3.3	-0.7						
1950	28	53.8	1.9	1950	14	16.6	1.2	1950	1	0.0	0.0						
1951	36	79.4	2.2	1951	11	11.6	1.1	1951	2	-0.4	-0.2						
1952	35	67.8	1.9	1952	18	19.9	1.1	1952	1	-0.4	-0.4						
1953	45	82.4	1.8	1953	23	21.2	0.9	1953	4	-1.3	-0.3						
1954	63	94.6	1.5	1954	33	13.6	0.4	1954	12	-12.0	-1.0						
1955	54	75.2	1.4	1955	32	17.3	0.5	1955	10	-6.7	-0.7						
1956	45	90.5	2.0	1956	15	11.5	0.8	1956	4	-2.1	-0.5						
1957	48	71.8	1.5	1957	27	16.7	0.6	1957	6	-9.0	-1.5						
1958	50	97.5	2.0	1958	18	13.2	0.7	1958	6	-3.2	-0.5						
1959	46	84.4	1.8	1959	22	16.6	0.8	1959	7	-3.1	-0.4						
1960	46	99.6	2.2	1960	16	16.8	1.1	1960	3	-0.7	-0.2						
1961	36	73.7	2.0	1961	15	17.7	1.2	1961	3	-0.9	-0.3						
1962	46	78.3	1.7	1962	26	21.6	0.8	1962	5	-1.1	-0.2						
1963	54	107.6	2.0	1963	24	23.6	1.0	1963	5	-0.6	-0.1						
1964	42	82.3	2.0	1964	18	15.8	0.9	1964	4	-0.6	-0.2						
1965	44	78.0	1.8	1965	21	11.0	0.5	1965	8	-4.8	-0.6						
1966	43	82.1	1.9	1966	24	25.5	1.1	1966	5	-3.0	-0.6						
1967	34	55.4	1.6	1967	19	15.1	0.8	1967	3	-0.5	-0.2						
1968	27	58.0	2.1	1968	11	13.9	1.3	1968	0	0.0	0.0						
1969	37	66.9	1.8	1969	17	11.2	0.7	1969	5	-5.2	-1.0						
1970	33	60.9	1.8	1970	17	18.0	1.1	1970	1	-1.1	-1.1						
1971	49	90.9	1.9	1971	23	19.4	0.8	1971	6	-2.6	-0.4						
1972	40	73.9	1.8	1972	19	17.9	0.9	1972	3	-1.9	-0.6						
1973	39	58.4	1.5	1973	26	24.6	0.9	1973	2	-0.6	-0.3						
1974	24	54.9	2.3	1974	8	10.4	1.3	1974	0	0.0	0.0						
1975	31	53.5	1.7	1975	15	11.2	0.7	1975	2	-1.0	-0.5						
1976	36	75.9	2.1	1976	14	14.2	1.0	1976	2	-2.5	-1.3						
1977	34	51.9	1.5	1977	17	9.5	0.6	1977	6	-4.0	-0.7						
1978	28	60.5	2.2	1978	9	7.2	0.8	1978	1	0.0	0.0						
1979	38	73.4	1.9	1979	15	12.1	0.8	1979	2	-1.0	-0.5						
1980	29	67.3	2.3	1980	7	9.3	1.3	1980	0	0.0	0.0	20 years	36.5 1.8	20 years	17.2 0.8	20 years	3.6 -0.9
1981	38	65.0	1.7	1981	23	22.5	1.0	1981	1	-1.0	-1.0	19 years	36.8 1.8	19 years	17.7 0.8	19 years	3.7 -0.9
1982	47	80.6	1.7	1982	22	15.2	0.7	1982	6	-5.4	-0.9	18 years	36.8 1.8	18 years	17.4 0.8	18 years	3.9 -0.9
1983	36	65.8	1.8	1983	13	5.8	0.4	1983	4	-4.0	-1.0	17 years	36.2 1.8	17 years	17.2 0.8	17 years	3.8 -0.9
1984	29	51.8	1.8	1984	13	9.9	0.8	1984	3	-3.8	-1.3	16 years	36.2 1.8	16 years	17.4 0.8	16 years	3.8 -0.8
1985	39	68.0	1.7	1985	18	10.3	0.6	1985	3	-4.6	-1.5	15 years	36.7 1.8	15 years	17.7 0.8	15 years	3.8 -0.8
1986	36	58.9	1.6	1986	19	11.6	0.6	1986	4	-2.0	-0.5	14 years	36.5 1.8	14 years	17.7 0.8	14 years	3.9 -0.8
1987	47	59.8	1.3	1987	29	12.0	0.4	1987	10	-5.8	-0.6	13 years	36.5 1.8	13 years	17.6 0.8	13 years	3.8 -0.8
1988	28	45.3	1.6	1988	19	21.2	1.1	1988	2	-0.4	-0.2	12 years	35.7 1.8	12 years	16.7 0.9	12 years	3.3 -0.8
1989	28	56.8	2.0	1989	12	13.4	1.1	1989	2	-0.7	-0.4	11 years	36.4 1.9	11 years	16.5 0.8	11 years	3.5 -0.9
1990	32	62.4	2.0	1990	13	14.8	1.1	1990	2	-0.6	-0.3	10 years	37.2 1.9	10 years	16.9 0.8	10 years	3.6 -0.9
1991	24	56.1	2.3	1991	7	7.7	1.1	1991	1	-1.2	-1.2	9 years	37.8 1.8	9 years	17.3 0.8	9 years	3.8 -1.0
1992	42	81.8	1.9	1992	17	11.8	0.7	1992	4	-4.8	-1.2	8 years	39.5 1.8	8 years	18.6 0.7	8 years	4.1 -0.9
1993	31	59.1	1.9	1993	15	16.4	1.1	1993	1	-1.3	-1.3	7 years	39.1 1.8	7 years	18.9 0.7	7 years	4.1 -0.9
1994	49	69.3	1.4	1994	25	5.1	0.2	1994	11	-12.8	-1.2	6 years	40.5 1.7	6 years	19.5 0.7	6 years	4.7 -0.8
1995	42	61.0	1.5	1995	25	14.2	0.6	1995	7	-4.2	-0.6	5 years	38.8 1.8	5 years	18.4 0.8	5 years	3.4 -0.8
1996	39	77.5	2.0	1996	17	16.8	1.0	1996	2	0.0	0.0	4 years	38.0 1.9	4 years	16.8 0.8	4 years	2.5 -0.8
1997	38	75.5	2.0	1997	15	10.5	0.7	1997	3	-3.6	-1.2	3 years	37.7 1.9	3 years	16.7 0.7	3 years	2.7 -1.1
1998	32	55.8	1.7	1998	15	10.6	0.7	1998	2	-2.0	-1.0	2 years	37.5 1.8	2 years	17.5 0.8	2 years	2.5 -1.1
1999	43	78.5	1.8	1999	20	16.1	0.8	1999	3	-3.4	-1.1	1 years	43.0 1.8	1 years	20.0 0.8	1 years	3.0 -1.1
2000	42	85.5	2.0	2000	20	25.9	1.3	2000	1	0.0	0.0	0 years	42.0 2.0	0 years	20.0 1.3	0 years	1.0 0.0
2001	23	33.7	1.5	2001	14	10.1	0.7	2001	3	-4.3	-1.4	1 years	23.0 1.5	1 years	14.0 0.7	1 years	3.0 -1.4
2002	39	76.5	2.0	2002	14	7.9	0.6	2002	2	-2.2	-1.1	2 years	31.0 1.7	2 years	14.0 0.6	2 years	2.5 -1.3
2003	54	90.8	1.7	2003	28	20.9	0.7	2003	3	-2.1	-0.7	3 years	38.7 1.7	3 years	18.7 0.7	3 years	2.7 -1.1
2004	28	42.2	1.5	2004	17	12.4	0.7	2004	2	-1.1	-0.6	4 years	36.0 1.7	4 years	18.3 0.7	4 years	2.5 -0.9
2005	34	66.6	2.0	2005	19	28.3	1.5	2005	0	0.0	0.0	5 years	35.6 1.7	5 years	18.4 0.9	5 years	2.0 -0.9
2006	50	104.0	2.1	2006	19	20.7	1.1	2006	3	-0.9	-0.3	6 years	38.0 1.8	6 years	18.5 0.9	6 years	2.2 -0.8
2007	24	47.3	2.0	2007	11	10.1	0.9	2007	2	-0.8	-0.4	7 years	36.0 1.8	7 years	17.4 0.9	7 years	2.1 -0.7
2008	44	75.3	1.7	2008	24	21.3	0.9	2008	4	-3.1	-0.8	8 years	37.0 1.8	8 years	18.3 0.9	8 years	2.4 -0.8
2009	40	73.2	1.8	2009	21	21.5	1.0	2009	2	-1.4	-0.7	9 years	37.3 1.8	9 years	18.6 0.9	9 years	2.3 -0.7
2010	49	68.6	1.4	2010	33	24.9	0.8	2010	7	-2.3	-0.3	10 years	38.5 1.8	10 years	20.0 0.9	10 years	2.8 -0.7
2011	12	23.8	2.0	2011	5	4.1	0.8	2011	1	-0.5	-0.5	11 years	36.1 1.8	11 years	18.6 0.9	11 years	2.6 -0.7
2012	22	53.2	2.4	2012	7	9.1	1.3	2012	0	0.0	0.0	12 years	34.9 1.8	12 years	17.7 0.9	12 years	2.4 -0.7
2013	15	33.3	2.2	2013	5	6.4	1.3	2013	0	0.0	0.0	13 years	33.4 1.9	13 years	16.7 0.9	13 years	2.2 -0.7
2014	12	26.3	2.2	2014	5	6.6	1.3	2014	0	0.0	0.0	14 years	31.9 1.9	14 years	15.9 1.0	14 years	2.1 -0.7
2015	20	40.4	2.0	2015	10	13.6	1.4	2015	0	0.0	0.0	15 years	31.1 1.9	15 years	15.5 1.0	15 years	1.9 -0.7
2016	10	24.1	2.4	2016	3	4.7	1.6	2016	0	0.0	0.0	16 years	29.8 1.9	16 years	14.7 1.0	16 years	1.8 -0.7
2017	22	51.0	2.3	2017	8	11.2	1.4	2017	0	0.0	0.0	17 years	29.3 1.9	17 years	14.3 1.1	17 years	1.7 -0.7
2018	19	39.5	2.1	2018	7	7.5	1.1	2018	0	0.0	0.0	18 years	28.7 2.0	18 years	13.9 1.1	18 years	1.6 -0.7
2019	18	43.4	2.4	2019	5	7.3	1.5	2019	0	0.0	0.0	19 years	28.2 2.0	19 years	13.4 1.1	19 years	1.5 -0.7
2020	12	25.2	2.1	2020	4	4.0	1.0	2020	1	-0.2	-0.2	20 years	27.4 2.0	20 years	13.0 1.1	20 years	1.5 -0.6
2021	13	33.3	2.6	2021	2	2.7	1.4	2021	0	0.0	0.0						
2022																	



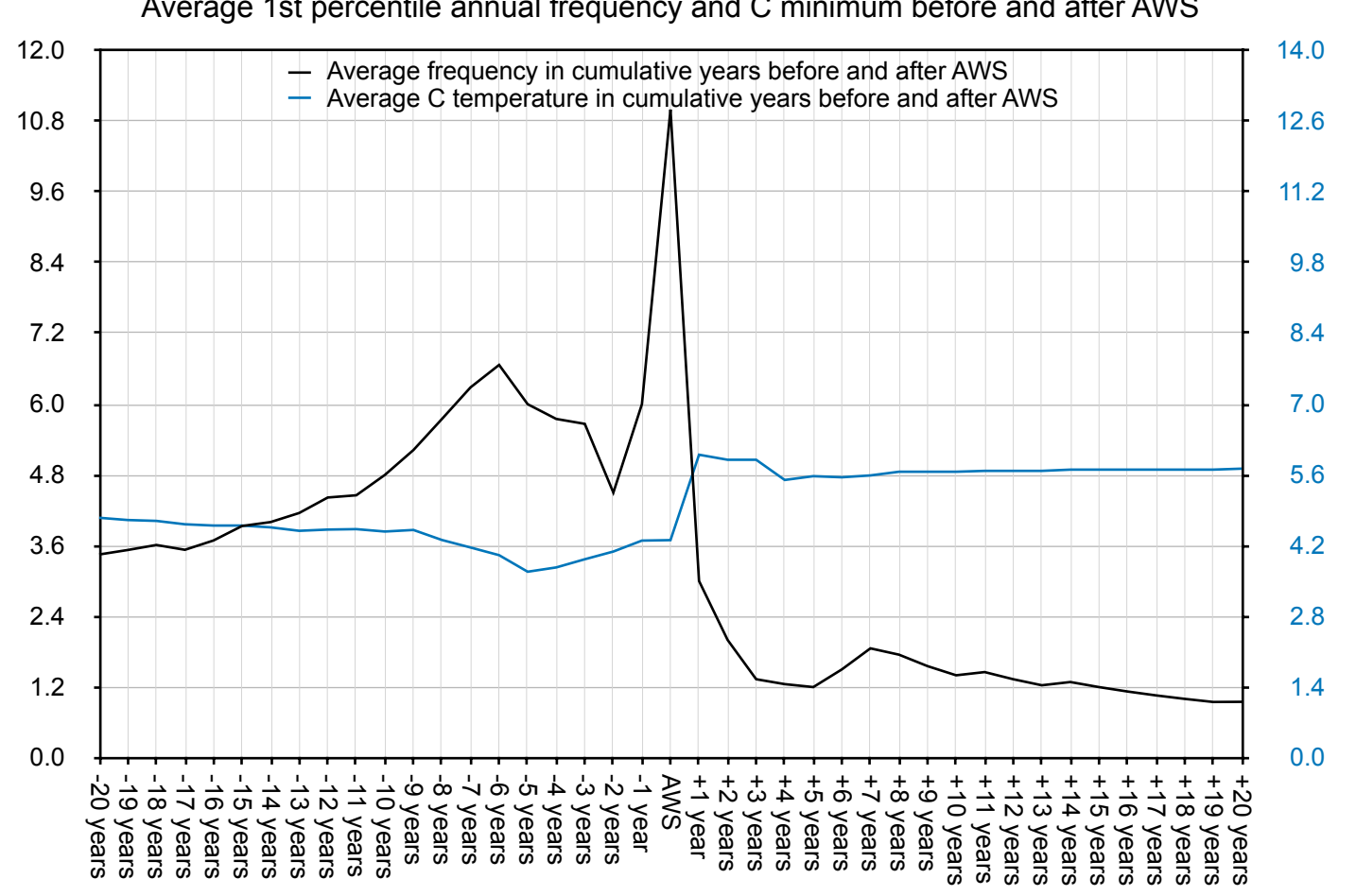
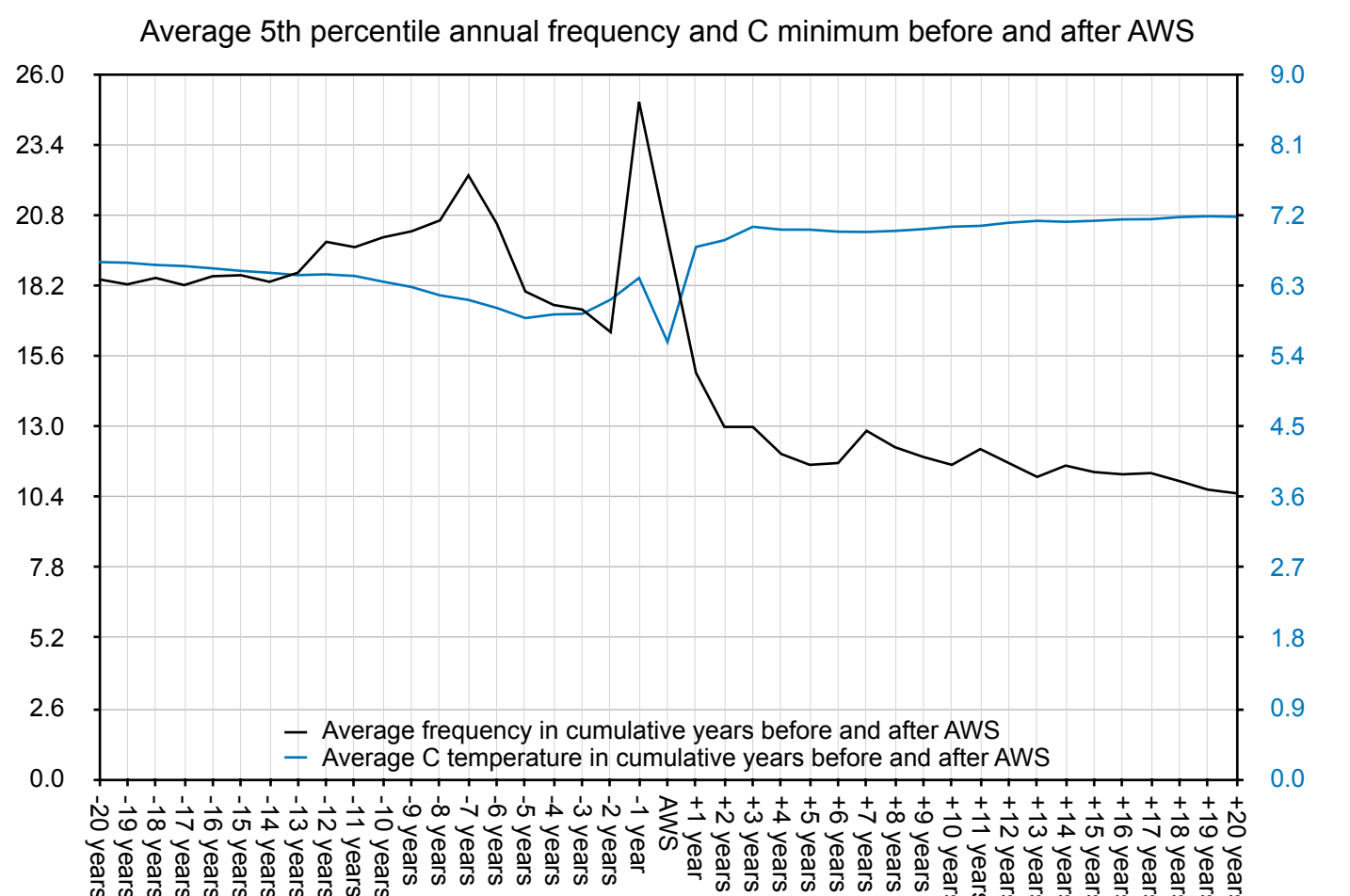
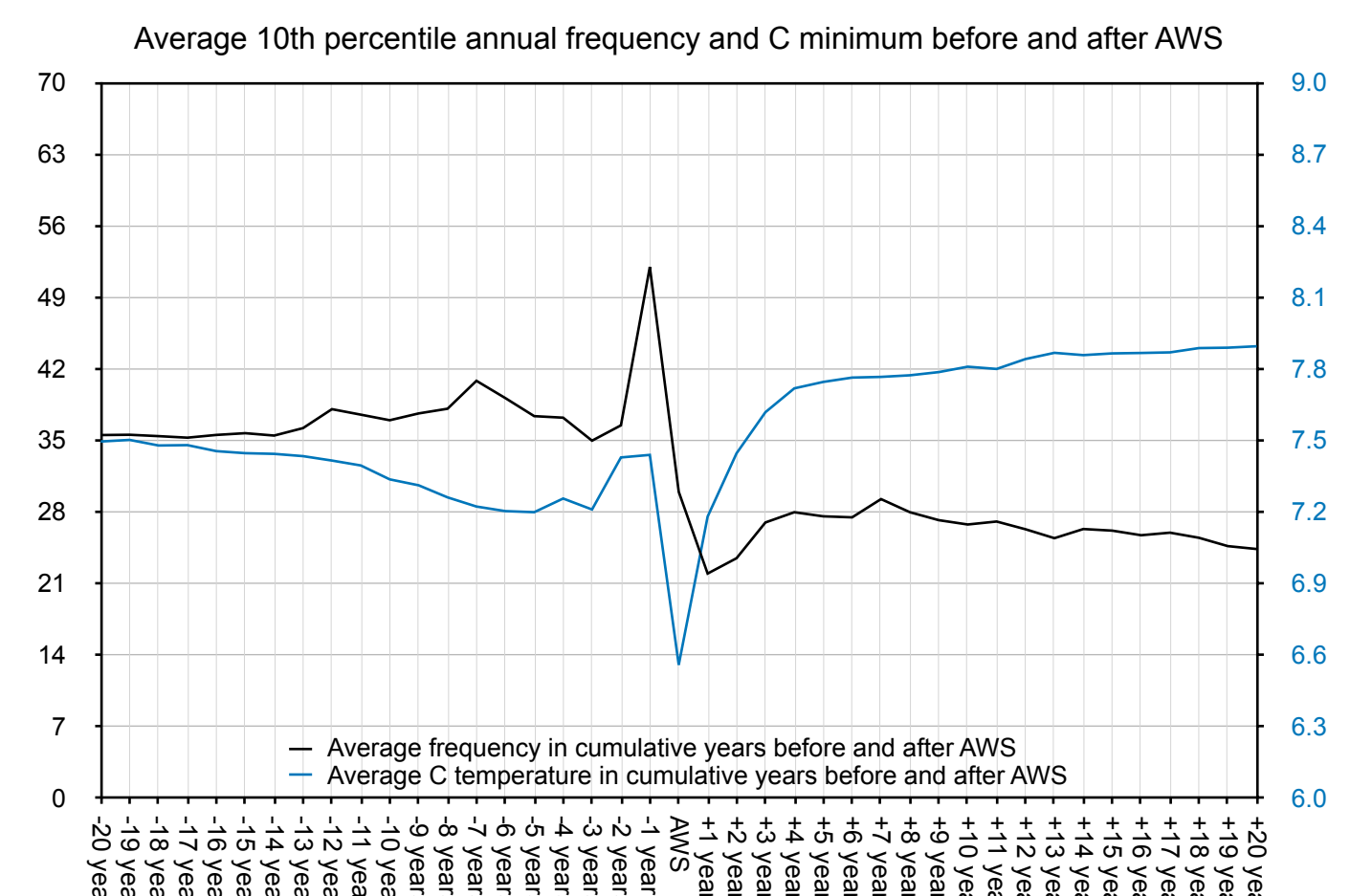
10th 13.5	Annual # days below 10th percentile	Annual total C in days below 10th percentile	Annual average C in days below 10th percentile	5th 12.1	Annual # days below 5th percentile	Annual total C in days below 5th percentile	Annual average C in days below 5th percentile	1st 8.9	Annual # days below 1st percentile	Annual total C in days below 1st percentile	Annual average C in days below 1st percentile	Pre and post cumulative averages	AWS 10th percentile average in years pre and post AWS	Pre and post cumulative averages	AWS 5th percentile average in years pre and post AWS	Pre and post cumulative averages	AWS 1st percentile average in years pre and post AWS			
													Av #	Av C	Av #	Av C	Av #	Av C		
1910	17	186.2	11.0	1910	12	122.3	10.2	1910	2	15.8	7.9									
1911	68	785.4	11.6	1911	27	262.8	9.7	1911	9	71.1	7.9									
1912	44	499.2	11.3	1912	30	320.2	10.7	1912	5	41.6	8.3									
1913	76	759.5	10.0	1913	52	450.0	8.7	1913	23	135.5	5.9									
1914	53	632.5	11.9	1914	30	334.5	11.2	1914	1	8.2	8.2									
1915	19	222.3	11.7	1915	11	118.9	10.8	1915	1	8.2	8.2									
1916	12	145.0	12.1	1916	5	56.1	11.2	1916	1	7.7	7.7									
1917	27	322.9	12.0	1917	10	100.7	10.1	1917	2	13.0	6.5									
1918	15	178.9	11.9	1918	7	74.7	10.7	1918	1	8.3	8.3									
1919	26	321.5	12.4	1919	9	101.2	11.2	1919	0	0.0	0.0									
1920	2	25.9	13.0	1920	0	0.0	0.0	1920	0	0.0	0.0									
1921	29	323.0	11.1	1921	16	158.6	9.9	1921	5	34.8	7.0									
1922	44	476.2	10.8	1922	26	245.7	9.5	1922	9	67.7	7.5									
1923	55	606.6	11.0	1923	35	346.2	9.9	1923	10	74.9	7.5									
1924	29	350.2	12.1	1924	14	156.5	11.2	1924	0	0.0	0.0									
1925	54	604.1	11.2	1925	33	335.0	10.2	1925	10	73.6	7.4									
1926	28	311.4	11.1	1926	16	154.0	9.6	1926	5	39.5	7.9									
1927	27	312.1	11.6	1927	19	209.1	11.0	1927	1	8.9	8.9									
1928	47	525.9	11.2	1928	24	228.5	9.5	1928	8	56.2	7.0									
1929	68	781.6	11.5	1929	35	352.2	10.1	1929	11	90.3	8.2									
1930	38	423.4	11.1	1930	27	283.0	10.5	1930	2	16.0	8.0									
1931	41	483.4	11.8	1931	22	232.4	10.6	1931	3	20.8	6.9									
1932	65	714.3	11.0	1932	39	376.7	9.7	1932	12	84.3	7.0									
1933	11	121.0	11.0	1933	6	56.2	9.4	1933	3	25.0	8.3									
1934	27	315.7	11.7	1934	12	125.2	10.4	1934	2	15.6	7.8									
1935	0	0.0	0.0	1935	0	0.0	0.0	1935	0	0.0	0.0									
1936	0	0.0	0.0	1936	0	0.0	0.0	1936	0	0.0	0.0									
1937	0	0.0	0.0	1937	0	0.0	0.0	1937	0	0.0	0.0									
1938	0	0.0	0.0	1938	0	0.0	0.0	1938	0	0.0	0.0									
1939	63	699.1	11.1	1939	36	350.8	9.7	1939	10	66.7	6.7									
1940	56	672.5	12.0	1940	22	235.9	10.7	1940	3	25.0	8.3									
1941	66	743.5	11.3	1941	35	347.8	9.9	1941	9	71.6	8.0									
1942	19	221.4	11.7	1942	9	96.6	10.7	1942	0	0.0	0.0									
1943	34	383.3	11.3	1943	20	200.9	10.0	1943	5	36.8	7.4									
1944	68	811.3	11.9	1944	33	362.2	11.0	1944	1	8.3	8.3									
1945	63	729.6	11.6	1945	28	283.6	10.1	1945	6	41.5	6.9									
1946	55	567.5	10.3	1946	40	378.0	9.5	1946	12	85.3	7.1									
1947	28	346.0	12.4	1947	6	64.6	10.8	1947	0	0.0	0.0									
1948	52	611.8	11.8	1948	23	241.7	10.5	1948	4	29.4	7.4									
1949	53	587.5	11.1	1949	31	304.7	9.8	1949	8	57.3	7.2									
1950	27	305.7	11.3	1950	14	138.3	9.9	1950	4	32.1	8.0									
1951	41	484.6	11.8	1951	22	241.0	11.0	1951	1	7.8	7.8									
1952	22	247.8	11.3	1952	12	118.0	9.8	1952	4	31.2	7.8									
1953	60	709.3	11.8	1953	20	196.8	9.8	1953	6	47.0	7.8									
1954	29	337.9	11.7	1954	10	92.7	9.3	1954	4	28.3	7.1									
1955	12	143.2	11.9	1955	6	65.1	10.9	1955	0	0.0	0.0									
1956	21	237.2	11.3	1956	12	122.8	10.2	1956	2	15.6	7.8									
1957	31	373.9	12.1	1957	8	75.9	9.5	1957	2	15.0	7.5									
1958	16	180.9	11.3	1958	8	77.0	9.6	1958	4	30.8	7.7									
1959	45	503.4	11.2	1959	28	283.1	10.1	1959	7	54.5	7.8									
1960	45	518.5	11.5	1960	21	207.6	9.9	1960	6	42.8	7.1									
1961	49	576.0	11.8	1961	22	230.3	10.5	1961	4	28.8	7.2									
1962	27	319.3	11.8	1962	11	114.5	10.4	1962	1	6.1	6.1									
1963	50	543.8	10.9	1963	30	288.6	9.6	1963	10	72.9	7.3									
1964	22	252.8	11.5	1964	11	113.0	10.3	1964	3	25.5	8.5									
1965	57	635.9	11.2	1965	31	298.2	9.6	1965	8	49.1	6.1									
1966	19	226.8	11.9	1966	8	85.7	10.7	1966	1	8.9	8.9									
1967	29	344.4	11.9	1967	13	138.6	10.7	1967	0	0.0	0.0									
1968	27	323.1	12.0	1968	10	102.6	10.3	1968	2	14.5	7.3									
1969	22	268.3	12.2	1969	7	76.2	10.9	1969	0	0.0	0.0									
1970	27	327.8	12.1	1970	11	121.4	11.0	1970	0	0.0	0.0									
1971	25	292.5	11.7	1971	8	76.1	9.5	1971	3	23.9	8.0	20 years	22.9	12.0	20 years	9.9	10.6	20 years	1.3	7.3
1972	33	411.4	12.5	1972	8	89.6	11.2	1972	0	0.0	0.0	19 years	23.1	12.0	19 years	10.2	10.6	19 years	1.3	7.3
1973	8	96.0	12.0	1973	4	43.0	10.8	1973	0	0.0	0.0	18 years	20.4	12.0	18 years	8.8	10.6	18 years	1.2	7.3
1974	47	507.0	10.8	1974	33	327.0	9.9	1974	7	53.5	7.6	17 years	20.5	12.0	17 years	8.8	10.6	17 years	1.1	7.4
1975	20	238.0	11.9	1975	8	80.5	10.1	1975	2	13.5	6.8	16 years	19.9	12.1	16 years	8.4	10.8	16 years	0.7	7.6
1976	55	627.0	11.4	1976	31	315.0	10.2	1976	6	48.0	8.0	15 years	18.3	12.1	15 years	7.6	10.8	15 years	0.6	7.5
1977	16	193.0	12.1	1977	7	75.5	10.8	1977	0	0.0	0.0	14 years	18.9	12.2	14 years	7.7	10.9	14 years	0.6	7.4
1978	39	466.5	12.0	1978	16	165.5	10.3	1978	4	33.0	8.3	13 years	18.8	12.1	13 years	8.1	10.8	13 years	0.6	7.4
1979	33	413.5	12.5	1979	10	115.5	11.6	1979	0	0.0	0.0	12 years	19.3	12.1	12 years	8.4	11.0	12 years	0.5	7.3
1980	35	433.0	12.4	1980	11	120.5	11.0	1980	1	8.5	8.5	11 years	19.5	12.1	11 years	8.3	11.0	11 years	0.5	7.3
1981	19	237.0	12.5	1981	5	55.0	11.0	1981	0	0.0	0.0	10 years	18.2	12.2	10 years	7.5	11.1	10 years	0.4	8.0
1982	71	839.5	11.8	1982	35	369.5	10.6	1982	4	29.5	7.4	9 years	16.4	12.1	9 years	7.2	11.1	9 years	0.4	8.0
1983	20	233.5	11.7	1983	9	89.0	9.9	1983	2	13.5	6.8	8 years	15.3	12.2	8 years	6.5	11.1	8 years	0.5	8.0
1984	29	310.5	10.7	1984	14	115.5	8.3	1984	8	49.5	6.2	7 years	15.3	12.0	7 years	7.0	11.0	7 years	0.6	8.0
1985	44	522.0	11.9	1985	21	220.5	10.5	1985	2	17.0	8.5	6 years	12.3	12.0	6 years	6.0	11.0	6 years	0.7	8.0
1986	10	113.7	11.4	1986	6	62.5	10.4	1986	1	7.5	7.5	5 years	11.0	11.9	5 years	5.4	10.9	5 years	0.8	8.0
1987	20	258.5	12.9	1987	3	34.0	11.3	1987	0	0.0	0.0	4 years	5.0		4 years	2.8		4 years	0.3	8.0
1988	14	166.5	11.9	1988	4	36.5	9.1	1988	2	15.5	7.8	3 years	2.0		3 years	1.3		3 years	0.0	
1989	17	204.0	12.0	1989	10	112.0	11.2	1989	0	0.0	0.0	2 years	3.0		2 years	2.0		2 years	0.0	
1990	32	373.0	11.7	1990	16	164.0	10.3	1990	0	0.0	0.0	1 years	0.0		1 years	0.0		1 years	0.0	
1991	34	426.7	12.6	1991	10	108.0	10.8	1991	0	0.0	0.0	0 years	17.0	11.2	0 years	12.0	10.5	0 years	1.0	6.0
1992	26	311.5	12.0	1992	13	144.5	11.1	1992	0	0.0	0.0									



10th 7.0	Annual # days below 10th percentile	Annual total C in days below 10th percentile	Annual average C in days below 10th percentile	5th 5.6	Annual # days below 5th percentile	Annual total C in days below 5th percentile	Annual average C in days below 5th percentile	1st 3.1	Annual # days below 1st percentile	Annual total C in days below 1st percentile	Annual average C in days below 1st percentile	Pre and post cumulative averages	AWS 10th percentile average in years pre and post AWS		Pre and post cumulative averages	AWS 5th percentile average in years pre and post AWS		Pre and post cumulative averages	AWS 1st percentile average in years pre and post AWS	
													Av #	Av C		Av #	Av C		Av #	Av C
1910	20	125.8	6.3	1910	5	26.7	5.3	1910	0	0.0										
1911	40	214.1	5.4	1911	20	88.5	4.4	1911	2	5.2	2.6									
1912	23	135.3	5.9	1912	7	31.8	4.5	1912	1	2.8	2.8									
1913	29	158.7	5.5	1913	13	57.3	4.4	1913	2	5.6	2.8									
1914	34	174.2	5.1	1914	20	84.3	4.2	1914	3	6.6	2.2									
1915	13	75.3	5.8	1915	5	23.6	4.7	1915	0	0.0										
1916	36	186.1	5.2	1916	20	81.7	4.1	1916	4	8.5	2.1									
1917	34	180.6	5.3	1917	21	97.2	4.6	1917	2	4.6	2.3									
1918	19	110.0	5.8	1918	6	27.0	4.5	1918	0	0.0										
1919	36	207.2	5.8	1919	14	65.9	4.7	1919	0	0.0										
1920	23	116.6	5.1	1920	12	45.9	3.8	1920	3	5.8	1.9									
1921	18	106.4	5.9	1921	7	35.3	5.0	1921	0	0.0										
1922	30	163.7	5.5	1922	17	79.9	4.7	1922	2	5.7	2.9									
1923	17	99.3	5.8	1923	8	41.9	5.2	1923	0	0.0										
1924	29	175.4	6.0	1924	7	32.8	4.7	1924	0	0.0										
1925	47	268.9	5.7	1925	21	103.0	4.9	1925	1	2.8	2.8									
1926	19	109.5	5.8	1926	8	39.6	5.0	1926	0	0.0										
1927	25	135.4	5.4	1927	12	53.5	4.5	1927	0	0.0										
1928	18	108.3	6.0	1928	5	24.5	4.9	1928	0	0.0										
1929	33	198.4	6.0	1929	10	50.9	5.1	1929	0	0.0										
1930	14	83.9	6.0	1930	5	26.4	5.3	1930	0	0.0										
1931	41	223.7	5.5	1931	21	95.0	4.5	1931	1	2.9	2.9									
1932	25	141.6	5.7	1932	12	57.5	4.8	1932	0	0.0										
1933	26	144.2	5.5	1933	11	49.1	4.5	1933	1	3.1	3.1									
1934	31	173.2	5.6	1934	15	73.2	4.9	1934	1	2.9	2.9									
1935	23	131.4	5.7	1935	10	47.7	4.8	1935	1	3.1	3.1									
1936	20	111.8	5.6	1936	8	36.9	4.6	1936	0	0.0										
1937	32	166.3	5.2	1937	18	76.6	4.3	1937	3	7.7	2.6									
1938	17	104.2	6.1	1938	4	21.6	5.4	1938	0	0.0										
1939	25	147.7	5.9	1939	9	43.9	4.9	1939	0	0.0										
1940	22	126.4	5.8	1940	7	32.6	4.7	1940	0	0.0										
1941	14	87.4	6.2	1941	2	10.9	5.5	1941	0	0.0										
1942	30	178.0	5.9	1942	12	58.9	4.9	1942	0	0.0										
1943	45	261.5	5.8	1943	17	77.6	4.6	1943	1	2.0	2.0									
1944	15	88.4	5.9	1944	4	17.9	4.5	1944	0	0.0										
1945	9	54.3	6.0	1945	2	9.3	4.7	1945	0	0.0										
1946	20	110.0	5.5	1946	5	17.3	3.5	1946	2	4.9	2.5									
1947	31	171.3	5.5	1947	14	61.0	4.4	1947	1	2.9	2.9									
1948	18	102.5	5.7	1948	7	30.9	4.4	1948	0	0.0										
1949	11	65.6	6.0	1949	3	13.7	4.6	1949	0	0.0										
1950	22	124.8	5.7	1950	8	35.0	4.4	1950	2	5.2	2.6									
1951	34	183.5	5.4	1951	17	76.6	4.5	1951	1	3.1	3.1									
1952	31	176.2	5.7	1952	12	53.9	4.5	1952	1	3.1	3.1									
1953	20	111.5	5.6	1953	11	54.7	5.0	1953	0	0.0										
1954	33	195.0	5.9	1954	12	60.4	5.0	1954	1	3.1	3.1									
1955	26	133.0	5.1	1955	15	64.5	4.3	1955	2	4.6	2.3									
1956	46	250.6	5.4	1956	22	99.0	4.5	1956	2	4.9	2.5									
1957	28	157.4	5.6	1957	12	54.5	4.5	1957	2	5.6	2.8									
1958	33	191.7	5.8	1958	12	57.5	4.8	1958	0	0.0										
1959	11	62.7	5.7	1959	4	17.9	4.5	1959	0	0.0										
1960	37	206.2	5.6	1960	17	75.6	4.4	1960	1	2.7	2.7									
1961	19	108.0	5.7	1961	9	44.5	4.9	1961	0	0.0										
1962	21	119.9	5.7	1962	9	44.6	5.0	1962	0	0.0										
1963	8	48.5	6.1	1963	2	10.6	5.3	1963	0	0.0										
1964	38	190.0	5.0	1964	17	57.8	3.4	1964	6	5.8	1.0									
1965	34	192.7	5.7	1965	13	59.1	4.5	1965	3	8.8	2.9									
1966	49	244.0	5.0	1966	28	109.7	3.9	1966	7	13.5	1.9									
1967	33	175.9	5.3	1967	18	79.8	4.4	1967	3	8.3	2.8									
1968	62	288.3	4.7	1968	46	187.3	4.1	1968	10	19.7	2.0									
1969	56	263.9	4.7	1969	35	129.6	3.7	1969	14	30.5	2.2									
1970	37	205.7	5.6	1970	19	88.8	4.7	1970	0	0.0										
1971	64	338.1	5.3	1971	36	158.0	4.4	1971	6	15.8	2.6	20 years	42.7	5.3	20 years	22.9	4.3	20 years	4.8	2.3
1972	60	286.8	4.8	1972	37	140.0	3.8	1972	8	14.8	1.9	19 years	43.1	5.3	19 years	23.1	4.2	19 years	4.8	2.3
1973	48	252.1	5.3	1973	27	116.6	4.3	1973	3	6.4	2.1	18 years	43.0	5.3	18 years	22.9	4.2	18 years	4.8	2.3
1974	42	230.5	5.5	1974	22	99.6	4.5	1974	3	8.4	2.8	17 years	42.5	5.3	17 years	22.8	4.2	17 years	4.9	2.3
1975	58	319.9	5.5	1975	23	93.4	4.1	1975	8	18.0	2.3	16 years	41.2	5.3	16 years	21.8	4.3	16 years	4.4	2.3
1976	35	183.0	5.2	1976	20	88.1	4.4	1976	4	8.8	2.2	15 years	40.7	5.3	15 years	21.5	4.3	15 years	4.5	2.3
1977	44	227.4	5.2	1977	26	111.5	4.3	1977	4	9.8	2.5	14 years	40.5	5.3	14 years	21.2	4.2	14 years	4.6	2.3
1978	52	279.9	5.4	1978	25	108.3	4.3	1978	3	7.8	2.6	13 years	39.8	5.3	13 years	20.8	4.2	13 years	4.8	2.3
1979	63	307.6	4.9	1979	38	147.5	3.9	1979	13	26.0	2.0	12 years	40.8	5.3	12 years	21.6	4.2	12 years	5.0	2.3
1980	49	255.0	5.2	1980	27	114.2	4.2	1980	4	9.8	2.5	11 years	41.0	5.3	11 years	21.3	4.2	11 years	5.0	2.4
1981	43	228.4	5.3	1981	25	114.0	4.6	1981	3	7.6	2.5	10 years	41.2	5.3	10 years	21.1	4.2	10 years	5.0	2.4
1982	50	267.0	5.3	1982	27	120.5	4.5	1982	2	4.9	2.5	9 years	38.9	5.4	9 years	19.3	4.2	9 years	4.7	2.4
1983	27	154.0	5.7	1983	11	50.3	4.6	1983	2	3.6	1.8	8 years	38.3	5.4	8 years	18.5	4.2	8 years	4.6	2.4
1984	39	191.7	4.9	1984	25	101.5	4.1	1984	5	10.2	2.0	7 years	40.3	5.4	7 years	19.3	4.2	7 years	5.1	2.4
1985	39	195.6	5.0	1985	23	93.3	4.1	1985	5	12.2	2.4	6 years	39.2	5.4	6 years	18.2	4.2	6 years	5.0	2.3
1986	62	313.6	5.1	1986	37	151.8	4.1	1986	8	15.2	1.9	5 years	35.8	5.6	5 years	15.4	4.3	5 years	3.0	2.5
1987	44	223.3	5.1	1987	26	108.0	4.2	1987	5	12.0	2.4	4 years	37.3	5.5	4 years	16.5	4.3	4 years	3.3	2.4
1988	24	136.4	5.7	1988	13	63.4	4.9	1988	1	2.7	2.7	3 years	38.7	5.6	3 years	16.3	4.2	3 years	3.3	2.5
1989	47	242.9	5.2	1989	26	108.1	4.2	1989	6	15.4	2.6	2 years	33.5	5.8	2 years	11.0	4.3	2 years	2.5	2.7
1990	56	263.0	4.7	1990	32	106.7	3.3	1990	15	25.4	1.7	1 years	31.0	5.7	1 years					



10th 8.9	Annual # days below 10th percentile	Annual total C in days below 10th percentile	Annual average C in days below 10th percentile	5th 7.8	Annual # days below 5th percentile	Annual total C in days below 5th percentile	Annual average C in days below 5th percentile	1st 6.1	Annual # days below 1st percentile	Annual total C in days below 1st percentile	Annual average C in days below 1st percentile	Pre and post cumulative averages	AWS 10th percentile average in years pre and post AWS	Pre and post cumulative averages	AWS 5th percentile average in years pre and post AWS	Pre and post cumulative averages	AWS 1st percentile average in years pre and post AWS
													Av # Av C		Av # Av C		Av # Av C
1946	74	526.6	7.1	1946	52	336.8	6.5	1946	20	100.3	5.0						
1947	54	413.3	7.7	1947	30	207.5	6.9	1947	7	40.6	5.8						
1948	50	383.5	7.7	1948	30	209.7	7.0	1948	7	41.2	5.9						
1949	44	342.2	7.8	1949	25	176.7	7.1	1949	4	22.2	5.6						
1950	19	146.9	7.7	1950	10	68.0	6.8	1950	2	10.6	5.3						
1951	56	449.1	8.0	1951	24	172.1	7.2	1951	3	16.7	5.6						
1952	55	424.3	7.7	1952	29	199.5	6.9	1952	6	32.8	5.5						
1953	53	414.0	7.8	1953	27	187.4	6.9	1953	6	33.9	5.7						
1954	48	382.5	8.0	1954	19	132.8	7.0	1954	3	16.7	5.6						
1955	51	406.7	8.0	1955	21	143.9	6.9	1955	9	54.4	6.0						
1956	74	574.6	7.8	1956	35	238.3	6.8	1956	10	55.7	5.6						
1957	53	406.2	7.7	1957	31	215.8	7.0	1957	8	45.6	5.7						
1958	55	408.4	7.4	1958	38	258.9	6.8	1958	11	61.2	5.6						
1959	26	203.8	7.8	1959	11	74.5	6.8	1959	3	16.1	5.4						
1960	59	456.4	7.7	1960	31	215.3	6.9	1960	9	51.3	5.7						
1961	36	288.3	8.0	1961	16	115.7	7.2	1961	1	5.6	5.6						
1962	49	387.1	7.9	1962	21	147.5	7.0	1962	3	17.8	5.9						
1963	39	313.1	8.0	1963	15	107.9	7.2	1963	2	11.7	5.9						
1964	52	407.3	7.8	1964	22	149.3	6.8	1964	8	45.3	5.7						
1965	40	316.2	7.9	1965	21	151.9	7.2	1965	1	6.1	6.1						
1966	57	454.6	8.0	1966	27	195.4	7.2	1966	4	21.7	5.4						
1967	37	293.1	7.9	1967	18	130.6	7.3	1967	1	6.1	6.1						
1968	55	421.1	7.7	1968	23	151.2	6.6	1968	8	41.6	5.2						
1969	41	323.1	7.9	1969	20	142.7	7.1	1969	1	6.1	6.1						
1970	54	409.6	7.6	1970	30	203.7	6.8	1970	8	43.9	5.5						
1971	64	492.1	7.7	1971	33	228.4	6.9	1971	9	52.4	5.8						
1972	23	180.8	7.9	1972	11	77.6	7.1	1972	2	11.9	6.0						
1973	23	188.8	8.2	1973	6	45.0	7.5	1973	0	0.0							
1974	42	308.1	7.3	1974	24	160.1	6.7	1974	5	23.9	4.8						
1975	31	228.5	7.4	1975	19	126.3	6.6	1975	6	31.1	5.2						
1976	44	312.9	7.1	1976	25	154.2	6.2	1976	8	33.0	4.1						
1977	49	354.8	7.2	1977	31	203.9	6.6	1977	8	38.5	4.8						
1978	50	352.7	7.1	1978	29	176.1	6.1	1978	15	79.3	5.3						
1979	32	240.9	7.5	1979	18	125.0	6.9	1979	1	6.1	6.1						
1980	21	167.3	8.0	1980	6	40.6	6.8	1980	2	9.8	4.9						
1981	35	257.9	7.4	1981	22	149.1	6.8	1981	2	11.1	5.6	20 years	35.6 7.5	20 years	18.5 6.6	20 years	3.5 4.8
1982	38	301.1	7.9	1982	14	99.5	7.1	1982	2	10.0	5.0	19 years	35.6 7.5	19 years	18.3 6.6	19 years	3.5 4.7
1983	38	283.3	7.5	1983	23	156.7	6.8	1983	5	28.8	5.8	18 years	35.4 7.5	18 years	18.5 6.6	18 years	3.6 4.7
1984	31	244.4	7.9	1984	13	91.3	7.0	1984	1	5.0	5.0	17 years	35.3 7.5	17 years	18.2 6.6	17 years	3.5 4.6
1985	33	250.3	7.6	1985	18	126.1	7.0	1985	0	0.0		16 years	35.6 7.5	16 years	18.6 6.5	16 years	3.7 4.6
1986	39	292.0	7.5	1986	22	150.3	6.8	1986	3	15.3	5.1	15 years	35.7 7.4	15 years	18.6 6.5	15 years	3.9 4.6
1987	26	196.8	7.6	1987	14	96.1	6.9	1987	2	10.9	5.5	14 years	35.5 7.4	14 years	18.4 6.5	14 years	4.0 4.6
1988	14	107.2	7.7	1988	5	31.6	6.3	1988	1	4.2	4.2	13 years	36.2 7.4	13 years	18.7 6.4	13 years	4.2 4.5
1989	44	336.3	7.6	1989	22	146.9	6.7	1989	4	17.7	4.4	12 years	38.1 7.4	12 years	19.8 6.4	12 years	4.4 4.5
1990	43	343.1	8.0	1990	16	114.6	7.2	1990	1	5.0	5.0	11 years	37.5 7.4	11 years	19.6 6.4	11 years	4.5 4.5
1991	31	234.4	7.6	1991	18	125.4	7.0	1991	1	4.2	4.2	10 years	37.0 7.3	10 years	20.0 6.4	10 years	4.8 4.5
1992	34	262.4	7.7	1992	17	121.4	7.1	1992	1	6.1	6.1	9 years	37.7 7.3	9 years	20.2 6.3	9 years	5.2 4.5
1993	19	143.1	7.5	1993	9	59.3	6.6	1993	2	10.7	5.4	8 years	38.1 7.3	8 years	20.6 6.2	8 years	5.8 4.3
1994	51	374.3	7.3	1994	33	222.5	6.7	1994	4	20.3	5.1	7 years	40.9 7.2	7 years	22.3 6.1	7 years	6.3 4.2
1995	48	346.9	7.2	1995	33	219.9	6.7	1995	10	56.5	5.7	6 years	39.2 7.2	6 years	20.5 6.0	6 years	6.7 4.0
1996	38	264.9	7.0	1996	20	114.1	5.7	1996	7	23.4	3.3	5 years	37.4 7.2	5 years	18.0 5.9	5 years	6.0 3.7
1997	44	325.4	7.4	1997	18	106.5	5.9	1997	6	19.7	3.3	4 years	37.3 7.3	4 years	17.5 5.9	4 years	5.8 3.8
1998	32	216.8	6.8	1998	19	106.0	5.6	1998	8	29.0	3.6	3 years	35.0 7.2	3 years	17.3 5.9	3 years	5.7 3.9
1999	21	155.8	7.4	1999	8	46.8	5.9	1999	3	11.6	3.9	2 years	36.5 7.4	2 years	16.5 6.1	2 years	4.5 4.1
2000	52	386.9	7.4	2000	25	160.1	6.4	2000	6	25.8	4.3	1 years	52.0 7.4	1 years	25.0 6.4	1 years	6.0 4.3
2001	30	196.8	6.6	2001	20	111.7	5.6	2001	11	47.4	4.3	0 years	30.0 6.6	0 years	20.0 5.6	0 years	11.0 4.3
2002	22	158.0	7.2	2002	15	102.0	6.8	2002	3	18.0	6.0	1 years	22.0 7.2	1 years	15.0 6.8	1 years	3.0 6.0
2003	25	192.8	7.7	2003	11	76.7	7.0	2003	1	5.8	5.8	2 years	23.5 7.4	2 years	13.0 6.9	2 years	2.0 5.9
2004	34	270.8	8.0	2004	13	96.2	7.4	2004	0	0.0		3 years	27.0 7.6	3 years	13.0 7.1	3 years	1.3 5.9
2005	31	248.6	8.0	2005	9	62.2	6.9	2005	1	4.7	4.7	4 years	28.0 7.7	4 years	12.0 7.0	4 years	1.3 5.5
2006	26	204.2	7.9	2006	10	70.2	7.0	2006	1	5.8	5.8	5 years	27.6 7.7	5 years	11.6 7.0	5 years	1.2 5.6
2007	27	212.1	7.9	2007	12	82.4	6.9	2007	3	16.4	5.5	6 years	27.5 7.8	6 years	11.7 7.0	6 years	1.5 5.6
2008	40	311.4	7.8	2008	20	139.4	7.0	2008	4	23.1	5.8	7 years	29.3 7.8	7 years	12.9 7.0	7 years	1.9 5.6
2009	19	148.6	7.8	2009	8	56.8	7.1	2009	1	6.1	6.1	8 years	28.0 7.8	8 years	12.3 7.0	8 years	1.8 5.7
2010	21	165.8	7.9	2010	9	64.9	7.2	2010	0	0.0		9 years	27.2 7.8	9 years	11.9 7.0	9 years	1.6 5.7
2011	23	184.3	8.0	2011	9	66.0	7.3	2011	0	0.0		10 years	26.8 7.8	10 years	11.6 7.1	10 years	1.4 5.7
2012	30	231.2	7.7	2012	18	129.2	7.2	2012	2	11.6	5.8	11 years	27.1 7.8	11 years	12.2 7.1	11 years	1.5 5.7
2013	18	149.4	8.3	2013	6	45.3	7.6	2013	0	0.0		12 years	26.3 7.8	12 years	11.7 7.1	12 years	1.3 5.7
2014	15	122.7	8.2	2014	5	37.1	7.4	2014	0	0.0		13 years	25.5 7.9	13 years	11.2 7.1	13 years	1.2 5.7
2015	38	293.9	7.7	2015	17	118.4	7.0	2015	2	11.8	5.9	14 years	26.4 7.9	14 years	11.6 7.1	14 years	1.3 5.7
2016	24	191.2	8.0	2016	8	58.5	7.3	2016	0	0.0		15 years	26.2 7.9	15 years	11.3 7.1	15 years	1.2 5.7
2017	19	150.0	7.9	2017	10	74.2	7.4	2017	0	0.0		16 years	25.8 7.9	16 years	11.3 7.2	16 years	1.1 5.7
2018	30	237.3	7.9	2018	12	86.4	7.2	2018	0	0.0		17 years	26.0 7.9	17 years	11.3 7.2	17 years	1.1 5.7
2019	17	139.3	8.2	2019	6	45.8	7.6	2019	0	0.0		18 years	25.5 7.9	18 years	11.0 7.2	18 years	1.0 5.7
2020	10	79.2	7.9	2020	5	36.9	7.4	2020	0	0.0		19 years	24.7 7.9	19 years	10.7 7.2	19 years	0.9 5.7
2021	19	152.2	8.0	2021	8	56.5	7.1	2021	1	5.9	5.9	20 years	24.4 7.9	20 years	10.6 7.2	20 years	1.0 5.7
2022	16	132.7	8.3	2022	2	15.0	7.5	2022	0	0.0							





10th 12.2	Annual # days below 10th percentile	Annual total C in days below 10th percentile	Annual average C in days below 10th percentile	5th 10.6	Annual # days below 5th percentile	Annual total C in days below 5th percentile	Annual average C in days below 5th percentile	1st 8.1	Annual # days below 1st percentile	Annual total C in days below 1st percentile	Annual average C in days below 1st percentile	Pre and post cumulative averages	AWS 10th percentile average in years pre and post AWS	Pre and post cumulative averages	AWS 5th percentile average in years pre and post AWS	Pre and post cumulative averages	AWS 1st percentile average in years pre and post AWS			
													Av # Av C		Av # Av C		Av # Av C			
1913	35	380.9	10.9	1913	14	138.6	9.9	1913	0	0.0										
1914	23	245.4	10.7	1914	11	106.9	9.7	1914	0	0.0										
1915	25	288.7	11.5	1915	2	19.4	9.7	1915	0	0.0										
1916	37	369.6	10.0	1916	21	182.9	8.7	1916	8	54.9	6.9									
1917	34	365.3	10.7	1917	16	156.6	9.8	1917	0	0.0										
1918	26	279.5	10.8	1918	13	129.8	10.0	1918	0	0.0										
1919	19	208.7	11.0	1919	6	56.3	9.4	1919	0	0.0										
1920	29	307.5	10.6	1920	13	121.3	9.3	1920	3	23.8	7.9									
1921	15	169.3	11.3	1921	5	50.3	10.1	1921	0	0.0										
1922	39	401.0	10.3	1922	19	171.4	9.0	1922	5	39.6	7.9									
1923	22	240.9	11.0	1923	7	66.4	9.5	1923	0	0.0										
1924	14	162.4	11.6	1924	1	10.6	10.6	1924	0	0.0										
1925	49	548.3	11.2	1925	12	113.0	9.4	1925	3	21.7	7.2									
1926	39	415.4	10.7	1926	18	168.1	9.3	1926	4	29.0	7.3									
1927	27	285.4	10.6	1927	14	131.1	9.4	1927	1	7.8	7.8									
1928	42	464.8	11.1	1928	13	126.3	9.7	1928	1	7.8	7.8									
1929	41	439.3	10.7	1929	19	186.3	9.8	1929	1	7.8	7.8									
1930	7	83.9	12.0	1930	0	0.0		1930	0	0.0										
1931	26	299.6	11.5	1931	3	31.4	10.5	1931	0	0.0										
1932	22	252.6	11.5	1932	2	20.3	10.2	1932	0	0.0										
1933	35	374.5	10.7	1933	15	144.8	9.7	1933	1	7.3	7.3									
1934	29	313.7	10.8	1934	15	149.8	10.0	1934	0	0.0										
1935	40	419.5	10.5	1935	18	165.0	9.2	1935	3	22.0	7.3									
1936	33	351.0	10.6	1936	11	100.6	9.1	1936	1	7.2	7.2									
1937	47	501.9	10.7	1937	17	155.8	9.2	1937	1	7.2	7.2									
1938	25	280.1	11.2	1938	6	58.7	9.8	1938	0	0.0										
1939	48	504.8	10.5	1939	28	272.0	9.7	1939	1	7.8	7.8									
1940	29	329.0	11.3	1940	5	51.8	10.4	1940	0	0.0										
1941	13	144.0	11.1	1941	4	40.1	10.0	1941	0	0.0										
1942	11	121.9	11.1	1942	4	41.4	10.4	1942	0	0.0										
1943	46	480.9	10.5	1943	23	210.1	9.1	1943	5	37.4	7.5									
1944	37	376.0	10.2	1944	19	170.3	9.0	1944	2	13.9	7.0									
1945	36	374.0	10.4	1945	22	208.9	9.5	1945	1	7.8	7.8									
1946	14	129.0	9.2	1946	11	95.3	8.7	1946	3	18.9	6.3									
1947	10	115.9	11.6	1947	0	0.0		1947	0	0.0										
1948	0	0.0		1948	0	0.0		1948	0	0.0										
1949	58	562.9	9.7	1949	36	312.6	8.7	1949	13	93.5	7.2									
1950	61	551.4	9.0	1950	45	372.2	8.3	1950	18	123.6	6.9									
1951	47	470.9	10.0	1951	24	207.9	8.7	1951	7	45.5	6.5									
1952	70	688.6	9.8	1952	45	397.1	8.8	1952	13	93.2	7.2									
1953	55	523.8	9.5	1953	33	267.6	8.1	1953	15	97.8	6.5									
1954	44	445.3	10.1	1954	26	237.1	9.1	1954	6	46.7	7.8									
1955	36	345.9	9.6	1955	23	193.3	8.4	1955	9	59.3	6.6									
1956	63	620.3	9.8	1956	32	265.7	8.3	1956	12	76.5	6.4									
1957	56	534.9	9.6	1957	38	327.6	8.6	1957	15	98.6	6.6									
1958	40	413.8	10.3	1958	21	196.3	9.3	1958	1	6.7	6.7									
1959	37	391.7	10.6	1959	19	182.8	9.6	1959	1	8.0	8.0									
1960	45	446.8	9.9	1960	25	211.7	8.5	1960	7	47.0	6.7									
1961	72	675.5	9.4	1961	48	397.3	8.3	1961	16	98.2	6.1									
1962	54	558.3	10.3	1962	25	228.6	9.1	1962	5	35.6	7.1									
1963	62	636.6	10.3	1963	30	269.4	9.0	1963	6	43.3	7.2									
1964	41	426.5	10.4	1964	16	139.6	8.7	1964	4	25.3	6.3									
1965	34	344.8	10.1	1965	15	127.1	8.5	1965	5	28.9	5.8									
1966	64	637.1	10.0	1966	34	293.9	8.6	1966	10	73.1	7.3									
1967	70	670.1	9.6	1967	44	374.0	8.5	1967	19	127.4	6.7									
1968	43	431.5	10.0	1968	23	200.9	8.7	1968	7	51.9	7.4									
1969	67	667.7	10.0	1969	41	370.9	9.0	1969	9	60.0	6.7									
1970	43	439.3	10.2	1970	26	241.6	9.3	1970	3	22.1	7.4									
1971	71	693.1	9.8	1971	49	440.0	9.0	1971	12	88.7	7.4									
1972	29	305.8	10.5	1972	11	99.5	9.0	1972	3	21.1	7.0									
1973	13	147.6	11.4	1973	2	20.3	10.2	1973	0	0.0										
1974	36	379.1	10.5	1974	17	160.7	9.5	1974	3	21.7	7.2									
1975	31	314.3	10.1	1975	18	162.2	9.0	1975	4	29.5	7.4	20 years	41.2	10.3	20 years	21.7	9.3	20 years	3.2	7.1
1976	62	634.9	10.2	1976	38	354.4	9.3	1976	5	37.2	7.4	19 years	40.1	10.3	19 years	20.8	9.3	19 years	3.1	7.1
1977	52	532.3	10.2	1977	34	326.1	9.6	1977	4	31.6	7.9	18 years	39.4	10.3	18 years	20.1	9.3	18 years	3.1	7.1
1978	55	555.2	10.1	1978	27	234.1	8.7	1978	7	46.0	6.6	17 years	38.5	10.4	17 years	19.6	9.3	17 years	2.8	7.1
1979	41	398.5	9.7	1979	29	262.5	9.1	1979	4	27.9	7.0	16 years	38.3	10.4	16 years	19.1	9.3	16 years	2.8	7.1
1980	23	229.0	10.0	1980	15	137.9	9.2	1980	2	14.7	7.4	15 years	39.3	10.4	15 years	19.3	9.3	15 years	2.8	7.1
1981	41	420.0	10.2	1981	21	193.3	9.2	1981	5	35.6	7.1	14 years	39.2	10.4	14 years	19.2	9.3	14 years	2.6	7.1
1982	42	426.9	10.2	1982	25	230.6	9.2	1982	5	37.6	7.5	13 years	39.0	10.5	13 years	18.8	9.3	13 years	2.5	7.0
1983	42	428.6	10.2	1983	24	225.6	9.4	1983	2	13.1	6.6	12 years	38.8	10.5	12 years	18.3	9.3	12 years	2.5	7.1
1984	48	498.1	10.4	1984	23	213.2	9.3	1984	4	28.9	7.2	11 years	37.9	10.5	11 years	17.9	9.3	11 years	2.4	7.1
1985	40	419.3	10.5	1985	19	177.9	9.4	1985	4	31.0	7.8	10 years	37.7	10.5	10 years	17.8	9.3	10 years	2.2	7.0
1986	41	430.7	10.5	1986	21	198.1	9.4	1986	2	15.6	7.8	9 years	37.3	10.5	9 years	17.4	9.3	9 years	2.2	6.9
1987	33	361.3	10.9	1987	10	99.3	9.9	1987	0	0.0		8 years	37.9	10.4	8 years	18.4	9.2	8 years	2.5	6.9
1988	27	292.2	10.8	1988	9	85.0	9.4	1988	0	0.0		7 years	39.4	10.4	7 years	19.7	9.2	7 years	2.9	6.9
1989	37	365.6	9.9	1989	24	217.8	9.1	1989	3	21.2	7.1	6 years	39.8	10.5	6 years	19.0	9.2	6 years	2.8	6.9
1990	42	440.2	10.5	1990	17	157.4	9.3	1990	2	9.2	4.6	5 years	39.4	10.5	5 years	19.4	9.2	5 years	3.0	7.3
1991	36	395.1	11.0	1991	9	83.6	9.3	1991	1	7.2	7.2	4 years	40.3	10.4	4 years	22.0	9.2	4 years	3.5	7.3
1992	21	228.7	10.9	1992	8	75.8	9.5	1992	1	7.4	7.4	3 years	46.7	10.2	3 years	26.7	9.2	3 years	4.3	7.3
1993	36	369.2	10.3	1993	20	185.7	9.3	1993	3	22.2	7.4	2 years	52.0	10.1	2 years	30.0	9.1	2 years	5.0	7.3
1994	66	658.0	10.0	1994	42	382.6	9.1	1994	7	52.0	7.4	1 years	38.0	10.3	1 years	18.0	9.1	1 years	3.0	7.1
1995	38	391.4	10.3	1995	18	163.0	9.1	1995	3	21.3	7.1	0 years	18.0	11.1	0 years	4.0	9.3	0 years	0.0	
1996	18	200.3	11.1	1996	4	37.2	9.3	1996	0	0.0		1 years	36.0	9.8	1 years	22.0	8.8	1 years	5.0	7.3
1997	36	352.8	9.8	1997	22	192.9	8.8	1997	5	36.5	7.3	2 years	26.0	10.1	2 years					



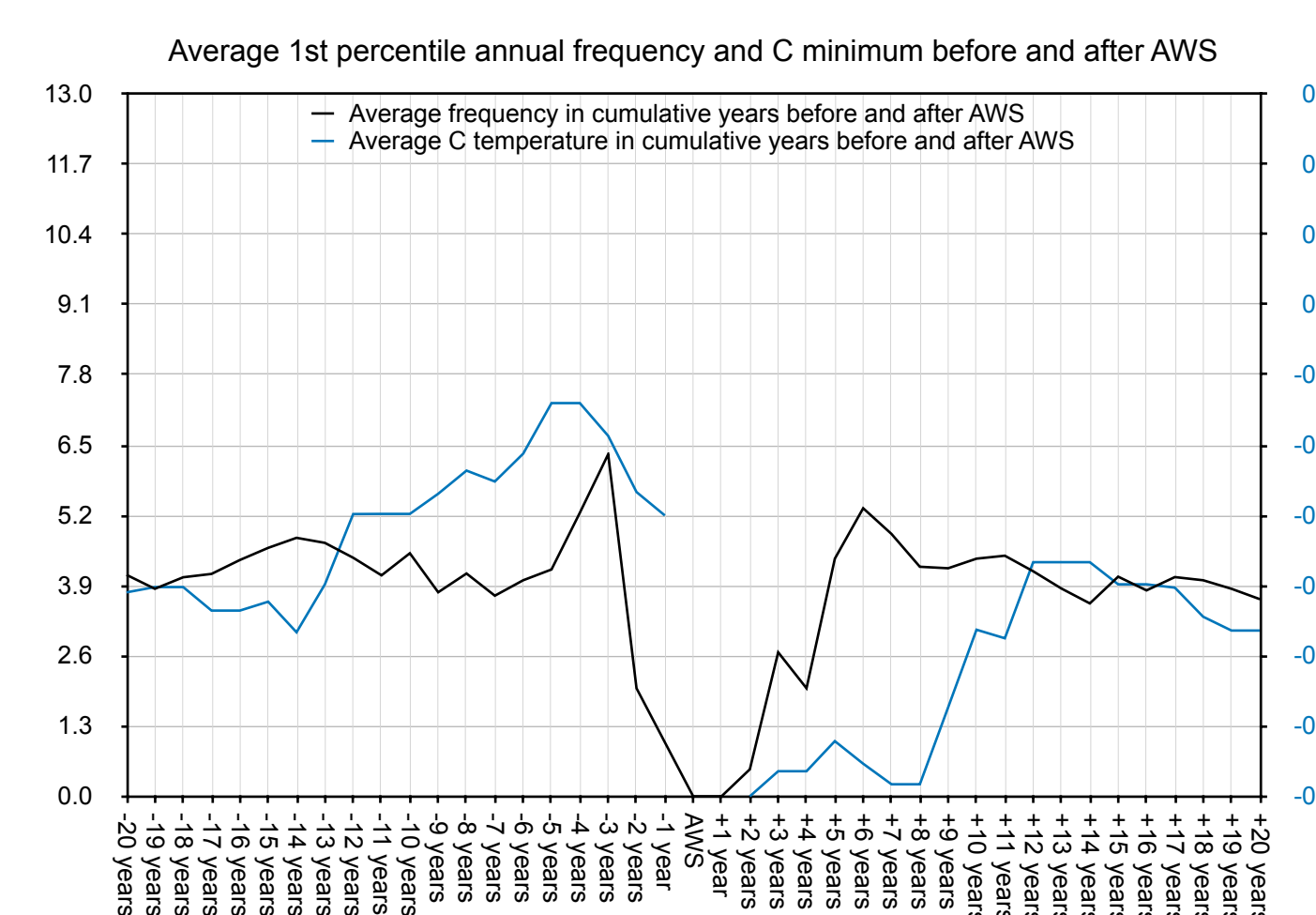
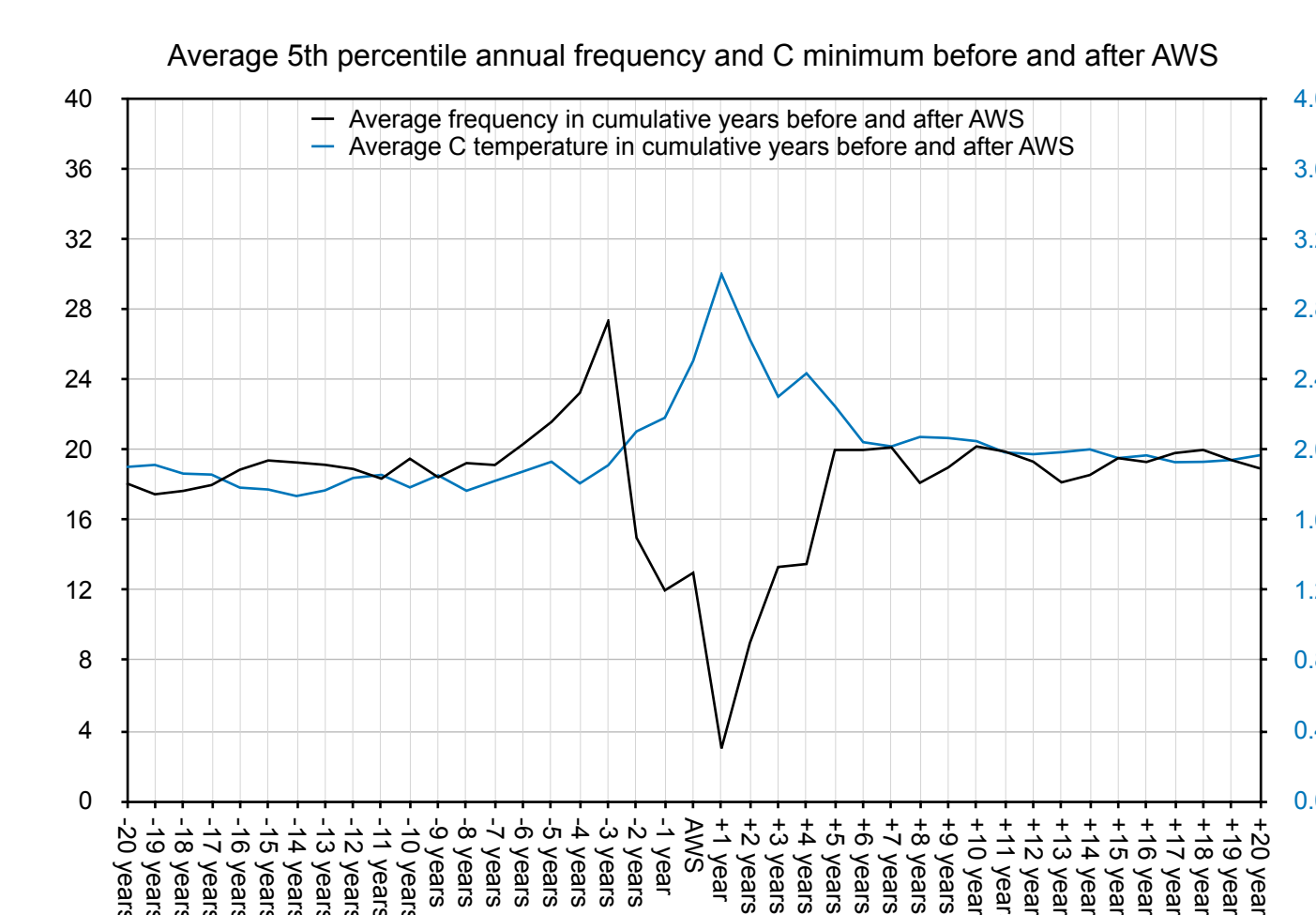
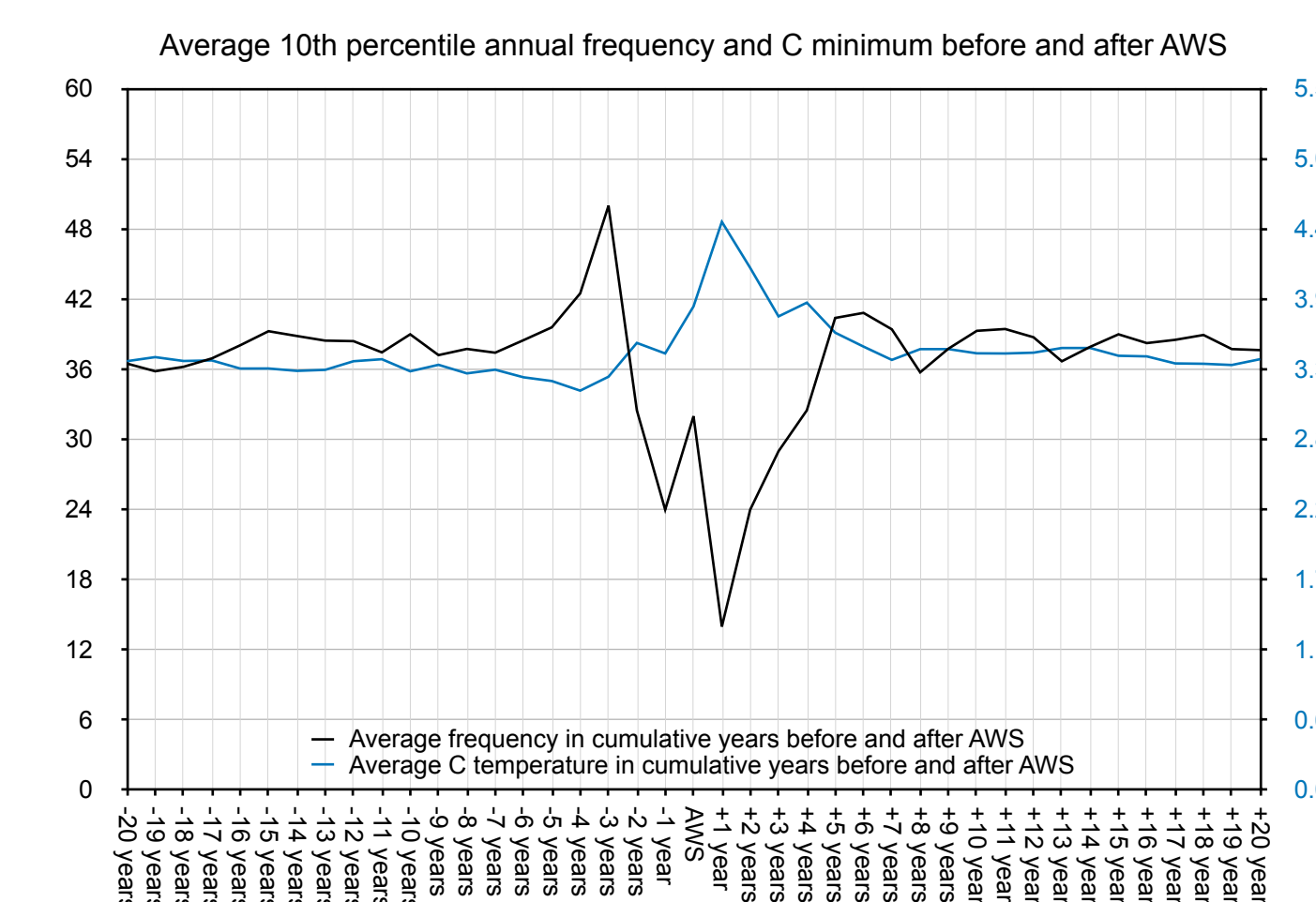
10th 6.9	Annual # days below 10th percentile	Annual total C in days below 10th percentile	Annual average C in days below 10th percentile	5th 5.8	Annual # days below 5th percentile	Annual total C in days below 5th percentile	Annual average C in days below 5th percentile	1st 3.9	Annual # days below 1st percentile	Annual total C in days below 1st percentile	Annual average C in days below 1st percentile	Pre and post cumulative averages		AWS 10th percentile average in years pre and post AWS		Pre and post cumulative averages		AWS 5th percentile average in years pre and post AWS		Pre and post cumulative averages		AWS 1st percentile average in years pre and post AWS		
												Av #	Av C	Av #	Av C	Av #	Av C	Av #	Av C					
1910	32	181.5	5.7	1910	17	83.1	4.9	1910	2	6.8	3.4													
1911	37	223.1	6.0	1911	15	79.5	5.3	1911	1	3.3	3.3													
1912	35	187.0	5.3	1912	23	109.2	4.7	1912	5	14.7	2.9													
1913	40	199.7	5.0	1913	27	116.1	4.3	1913	12	37.7	3.1													
1914	45	254.1	5.6	1914	22	102.8	4.7	1914	5	16.1	3.2													
1915	21	128.2	6.1	1915	5	25.5	5.1	1915	0	0.0														
1916	43	248.6	5.8	1916	21	106.1	5.1	1916	2	6.5	3.3													
1917	52	297.2	5.7	1917	26	126.7	4.9	1917	3	10.8	3.6													
1918	49	260.6	5.3	1918	27	116.4	4.3	1918	9	22.7	2.5													
1919	90	422.4	4.7	1919	67	275.5	4.1	1919	30	85.1	2.8													
1920	43	237.0	5.5	1920	26	128.3	4.9	1920	5	16.7	3.3													
1921	39	209.7	5.4	1921	23	107.8	4.7	1921	4	13.7	3.4													
1922	46	255.5	5.6	1922	25	120.6	4.8	1922	3	10.1	3.4													
1923	26	144.7	5.6	1923	13	62.4	4.8	1923	1	2.9	2.9													
1924	52	288.2	5.5	1924	28	133.4	4.8	1924	6	20.1	3.4													
1925	40	223.8	5.6	1925	18	83.7	4.7	1925	4	14.1	3.5													
1926	33	178.7	5.4	1926	21	101.3	4.8	1926	2	7.2	3.6													
1927	36	194.3	5.4	1927	20	90.7	4.5	1927	7	23.9	3.4													
1928	38	208.5	5.5	1928	18	81.1	4.5	1928	5	15.5	3.1													
1929	50	277.6	5.6	1929	26	123.9	4.8	1929	3	8.3	2.8													
1930	23	141.5	6.2	1930	5	25.7	5.1	1930	1	3.9	3.9													
1931	33	207.3	6.3	1931	5	25.7	5.1	1931	1	3.9	3.9													
1932	27	159.3	5.9	1932	9	42.9	4.8	1932	2	6.1	3.1													
1933	23	135.4	5.9	1933	10	50.1	5.0	1933	1	3.9	3.9													
1934	21	121.4	5.8	1934	9	44.0	4.9	1934	2	7.8	3.9													
1935	20	110.8	5.5	1935	11	52.9	4.8	1935	3	11.1	3.7													
1936	21	119.2	5.7	1936	12	61.3	5.1	1936	1	3.9	3.9													
1937	26	154.9	6.0	1937	11	59.2	5.4	1937	0	0.0														
1938	31	186.4	6.0	1938	6	27.3	4.6	1938	2	6.1	3.1													
1939	21	117.8	5.6	1939	11	53.2	4.8	1939	2	6.4	3.2													
1940	29	164.8	5.7	1940	17	86.2	5.1	1940	0	0.0														
1941	29	171.1	5.9	1941	10	50.7	5.1	1941	1	3.9	3.9													
1942	26	157.0	6.0	1942	11	59.2	5.4	1942	0	0.0														
1943	39	237.3	6.1	1943	13	67.8	5.2	1943	1	3.9	3.9													
1944	43	256.3	6.0	1944	17	83.8	4.9	1944	2	7.0	3.5													
1945	26	142.1	5.5	1945	13	58.1	4.5	1945	2	3.4	1.7													
1946	23	131.5	5.7	1946	11	52.2	4.7	1946	3	10.2	3.4													
1947	27	154.2	5.7	1947	14	70.7	5.1	1947	1	3.9	3.9													
1948	24	145.9	6.1	1948	7	36.2	5.2	1948	0	0.0														
1949	30	175.9	5.9	1949	12	60.7	5.1	1949	1	3.9	3.9													
1950	21	125.7	6.0	1950	6	30.6	5.1	1950	0	0.0														
1951	26	151.5	5.8	1951	13	69.2	5.3	1951	0	0.0														
1952	36	194.2	5.4	1952	22	103.4	4.7	1952	5	17.8	3.6													
1953	30	185.8	6.2	1953	6	31.0	5.2	1953	1	3.9	3.9													
1954	26	154.5	5.9	1954	8	37.9	4.7	1954	3	11.1	3.7													
1955	10	56.7	5.7	1955	4	19.5	4.9	1955	1	3.9	3.9													
1956	28	167.4	6.0	1956	8	40.6	5.1	1956	0	0.0														
1957	28	173.8	6.2	1957	6	31.8	5.3	1957	0	0.0														
1958	22	128.6	5.8	1958	10	50.0	5.0	1958	0	0.0														
1959	7	44.6	6.4	1959	1	5.0	5.0	1959	0	0.0														
1960	33	191.4	5.8	1960	15	75.6	5.0	1960	0	0.0														
1961	8	47.3	5.9	1961	3	16.2	5.4	1961	0	0.0														
1962	10	60.4	6.0	1962	5	27.5	5.5	1962	0	0.0														
1963	17	93.4	5.5	1963	8	35.5	4.4	1963	2	5.5	2.8													
1964	28	162.4	5.8	1964	12	59.1	4.9	1964	3	11.1	3.7													
1965	33	193.1	5.9	1965	13	63.6	4.9	1965	3	11.0	3.7													
1966	28	170.4	6.1	1966	8	40.0	5.0	1966	1	3.3	3.3													
1967	24	142.2	5.9	1967	8	40.4	5.1	1967	1	3.9	3.9													
1968	29	177.8	6.1	1968	7	36.9	5.3	1968	0	0.0														
1969	28	162.9	5.8	1969	13	66.2	5.1	1969	1	2.8	2.8													
1970	27	153.9	5.7	1970	12	56.7	4.7	1970	2	6.8	3.4													
1971	35	211.2	6.0	1971	13	66.9	5.1	1971	0	0.0														
1972	31	183.8	5.9	1972	14	73.7	5.3	1972	0	0.0														
1973	20	117.7	5.9	1973	9	47.2	5.2	1973	0	0.0														
1974	14	87.8	6.3	1974	3	16.9	5.6	1974	0	0.0														
1975	19	108.1	5.7	1975	12	64.6	5.4	1975	0	0.0														
1976	27	139.1	5.2	1976	15	62.5	4.2	1976	5	12.2	2.4	20 years	24.8	5.8	20 years	11.6	5.0	20 years	1.6	3.2				
1977	19	114.0	6.0	1977	7	37.1	5.3	1977	0	0.0		19 years	24.7	5.9	19 years	11.4	5.1	19 years	1.4	3.4				
1978	15	91.1	6.1	1978	4	20.8	5.2	1978	0	0.0		18 years	25.0	5.8	18 years	11.6	5.1	18 years	1.5	3.4				
1979	20	118.9	5.9	1979	9	48.0	5.3	1979	0	0.0		17 years	25.6	5.8	17 years	12.1	5.1	17 years	1.6	3.4				
1980	19	115.4	6.1	1980	6	32.4	5.4	1980	0	0.0		16 years	25.9	5.8	16 years	12.3	5.0	16 years	1.7	3.4				
1981	23	127.6	5.5	1981	13	65.2	5.0	1981	1	3.4	3.4	15 years	26.4	5.8	15 years	12.7	5.0	15 years	1.8	3.4				
1982	30	166.0	5.5	1982	17	82.4	4.8	1982	3	10.6	3.5	14 years	26.6	5.8	14 years	12.6	5.0	14 years	1.9	3.4				
1983	28	160.0	5.7	1983	12	56.1	4.7	1983	3	10.7	3.6	13 years	26.4	5.9	13 years	12.3	5.0	13 years	1.8	3.3				
1984	29	170.3	5.9	1984	10	49.1	4.9	1984	0	0.0		12 years	26.3	5.9	12 years	12.3	5.1	12 years	1.7	3.2				
1985	23	136.5	5.9	1985	10	50.7	5.1	1985	0	0.0		11 years	26.0	5.9	11 years	12.5	5.1	11 years	1.8	3.2				
1986	17	103.5	6.1	1986	8	4																		







10th 5.7	Annual # days below 10th percentile	Annual total C in days below 10th percentile	Annual average C in days below 10th percentile	5th 3.5	Annual # days below 5th percentile	Annual total C in days below 5th percentile	Annual average C in days below 5th percentile	1st 0.5	Annual # days below 1st percentile	Annual total C in days below 1st percentile	Annual average C in days below 1st percentile	Pre and post cumulative averages	AWS 10th percentile average in years pre and post AWS		Pre and post cumulative averages	AWS 5th percentile average in years pre and post AWS		Pre and post cumulative averages	AWS 1st percentile average in years pre and post AWS								
													Av #	Av C		Av #	Av C		Av #	Av C							
1970	46	132.0	2.9	1970	27	43.1	1.6	1970	9	-3.8	-0.4																
1971	36	92.5	2.6	1971	24	32.6	1.4	1971	7	-3.8	-0.5																
1972	30	97.2	3.2	1972	16	27.3	1.7	1972	2	0.0	0.0																
1973	3	12.6	4.2	1973	0	0.0		1973	0	0.0																	
1974	42	153.2	3.6	1974	17	31.9	1.9	1974	1	-1.4	-1.4																
1975	28	88.5	3.2	1975	13	15.5	1.2	1975	5	0.2	0.0																
1976	67	202.1	3.0	1976	34	54.4	1.6	1976	9	-4.8	-0.5																
1977	49	135.3	2.8	1977	30	50.5	1.7	1977	9	-4.7	-0.5	20 years	36.5	3.4	20 years	18.1	1.9	20 years	4.1	-0.4							
1978	29	114.3	3.9	1978	14	39.3	2.8	1978	0	0.0		19 years	35.8	3.4	19 years	17.5	1.9	19 years	3.8	-0.4							
1979	24	79.0	3.3	1979	12	23.5	2.0	1979	3	0.2	0.1	18 years	36.2	3.4	18 years	17.7	1.9	18 years	4.1	-0.4							
1980	19	83.4	4.4	1980	4	12.2	3.1	1980	0	0.0		17 years	36.9	3.4	17 years	18.0	1.9	17 years	4.1	-0.4							
1981	20	66.0	3.3	1981	11	21.4	1.9	1981	1	-0.6	-0.6	16 years	38.1	3.3	16 years	18.9	1.8	16 years	4.4	-0.4							
1982	45	160.5	3.6	1982	21	48.2	2.3	1982	2	0.2	0.1	15 years	39.3	3.3	15 years	19.4	1.8	15 years	4.6	-0.4							
1983	44	140.2	3.2	1983	21	27.8	1.3	1983	6	-7.3	-1.2	14 years	38.9	3.3	14 years	19.3	1.7	14 years	4.8	-0.5							
1984	39	96.9	2.5	1984	22	20.1	0.9	1984	8	-11.2	-1.4	13 years	38.5	3.3	13 years	19.2	1.8	13 years	4.7	-0.4							
1985	49	156.3	3.2	1985	25	41.2	1.6	1985	8	-2.4	-0.3	12 years	38.4	3.4	12 years	18.9	1.8	12 years	4.4	-0.3							
1986	22	95.2	4.3	1986	7	18.0	2.6	1986	0	0.0		11 years	37.5	3.4	11 years	18.4	1.9	11 years	4.1	-0.3							
1987	55	155.5	2.8	1987	29	33.9	1.2	1987	11	-5.8	-0.5	10 years	39.0	3.3	10 years	19.5	1.8	10 years	4.5	-0.3							
1988	33	127.8	3.9	1988	12	30.7	2.6	1988	1	-0.5	-0.5	9 years	37.2	3.3	9 years	18.4	1.9	9 years	3.8	-0.3							
1989	40	122.7	3.1	1989	20	27.5	1.4	1989	7	-1.0	-0.1	8 years	37.8	3.3	8 years	19.3	1.8	8 years	4.1	-0.2							
1990	31	113.3	3.7	1990	12	18.0	1.5	1990	2	-0.9	-0.5	7 years	37.4	3.3	7 years	19.1	1.8	7 years	3.7	-0.3							
1991	33	111.7	3.4	1991	14	22.4	1.6	1991	3	-1.5	-0.5	6 years	38.5	3.2	6 years	20.3	1.9	6 years	4.0	-0.2							
1992	28	98.3	3.5	1992	15	36.4	2.4	1992	0	0.0		5 years	39.6	3.2	5 years	21.6	1.9	5 years	4.2	-0.1							
1993	20	56.1	2.8	1993	11	16.5	1.5	1993	2	0.0	0.0	4 years	42.5	3.1	4 years	23.3	1.8	4 years	5.3	-0.1							
1994	85	230.6	2.7	1994	52	79.4	1.5	1994	15	-0.4	-0.0	3 years	50.0	3.2	3 years	27.3	1.9	3 years	6.3	-0.2							
1995	41	147.2	3.6	1995	18	36.5	2.0	1995	3	-0.7	-0.2	2 years	32.5	3.5	2 years	15.0	2.1	2 years	2.0	-0.3							
1996	24	82.2	3.4	1996	12	26.2	2.2	1996	1	-0.3	-0.3	1 years	24.0	3.4	1 years	12.0	2.2	1 years	1.0	-0.3							
1997	32	121.4	3.8	1997	13	32.6	2.5	1997	0	0.0		0 years	32.0	3.8	0 years	13.0	2.5	0 years	0.0								
1998	14	62.4	4.5	1998	3	9.0	3.0	1998	0	0.0		1 years	14.0	4.5	1 years	3.0	3.0	1 years	0.0								
1999	34	127.0	3.7	1999	15	33.9	2.3	1999	1	-0.7	-0.7	2 years	24.0	4.1	2 years	9.0	2.6	2 years	0.5	-0.7							
2000	39	115.2	3.0	2000	22	36.3	1.7	2000	7	-4.4	-0.6	3 years	29.0	3.7	3 years	13.3	2.3	3 years	2.7	-0.7							
2001	43	178.3	4.1	2001	14	39.7	2.8	2001	0	0.0		4 years	32.5	3.8	4 years	13.5	2.4	4 years	2.0	-0.7							
2002	72	190.6	2.6	2002	46	69.2	1.5	2002	14	-7.5	-0.5	5 years	40.4	3.6	5 years	20.0	2.3	5 years	4.4	-0.6							
2003	43	126.1	2.9	2003	20	20.3	1.0	2003	10	-7.5	-0.8	6 years	40.8	3.5	6 years	20.0	2.0	6 years	5.3	-0.7							
2004	31	85.2	2.7	2004	21	39.4	1.9	2004	2	-1.6	-0.8	7 years	39.4	3.4	7 years	20.1	2.0	7 years	4.9	-0.7							
2005	10	40.5	4.1	2005	4	9.8	2.5	2005	0	0.0		8 years	35.8	3.5	8 years	18.1	2.1	8 years	4.3	-0.7							
2006	54	186.9	3.5	2006	26	52.5	2.0	2006	4	-0.1	-0.0	9 years	37.8	3.5	9 years	19.0	2.1	9 years	4.2	-0.6							
2007	53	165.8	3.1	2007	31	58.6	1.9	2007	6	1.2	0.2	10 years	39.3	3.4	10 years	20.2	2.1	10 years	4.4	-0.5							
2008	41	139.9	3.4	2008	17	22.9	1.3	2008	5	-2.8	-0.6	11 years	39.5	3.4	11 years	19.9	2.0	11 years	4.5	-0.5							
2009	31	108.5	3.5	2009	13	24.2	1.9	2009	1	0.5	0.5	12 years	38.8	3.4	12 years	19.3	2.0	12 years	4.2	-0.4							
2010	12	46.9	3.9	2010	4	8.5	2.1	2010	0	0.0		13 years	36.7	3.5	13 years	18.2	2.0	13 years	3.8	-0.4							
2011	54	187.2	3.5	2011	24	53.1	2.2	2011	0	0.0		14 years	37.9	3.5	14 years	18.6	2.0	14 years	3.6	-0.4							
2012	54	138.0	2.6	2012	33	41.5	1.3	2012	11	-7.5	-0.7	15 years	39.0	3.4	15 years	19.5	2.0	15 years	4.1	-0.4							
2013	27	89.9	3.3	2013	16	35.2	2.2	2013	0	0.0		16 years	38.3	3.4	16 years	19.3	2.0	16 years	3.8	-0.4							
2014	43	105.9	2.5	2014	28	36.7	1.3	2014	8	-3.6	-0.5	17 years	38.5	3.3	17 years	19.8	1.9	17 years	4.1	-0.4							
2015	46	151.7	3.3	2015	23	45.2	2.0	2015	3	-2.7	-0.9	18 years	38.9	3.3	18 years	20.0	1.9	18 years	4.0	-0.4							
2016	16	50.6	3.2	2016	9	19.2	2.1	2016	1	-0.7	-0.7	19 years	37.7	3.3	19 years	19.4	1.9	19 years	3.8	-0.5							
2017	36	152.9	4.2	2017	10	24.8	2.5	2017	0	0.0		20 years	37.7	3.4	20 years	19.0	2.0	20 years	3.7	-0.5							
2018	41	138.6	3.4	2018	20	40.8	2.0	2018	2	-0.8	-0.4																
2019	40	163.9	4.1	2019	11	27.7	2.5	2019	0	0.0																	
2020	22	73.8	3.4	2020	12	29.2	2.4	2020	0	0.0																	
2021	33	121.6	3.7	2021	10	14.1	1.4	2021	3	-1.6	-0.5																
2022	36	94.2	2.6	2022	21	23.5	1.1	2022	8	-1.7	-0.2																
Original AWS probe Rosemount																											
<b>10 years</b>				<b>10 years</b>				<b>10 years</b>																			
Pre AWS	39.0	124.5	3.3	Pre AWS	19.5	32.8	1.8	Pre AWS	4.5	-1.1	-0.3																
Post AWS	39.3	127.8	3.4	Post AWS	20.2	36.9	2.1	Post AWS	4.4	-2.1	-0.5																
Pre small	38.8	125.8	3.4	Pre small	19.0	31.9	1.8	Pre small	4.4	-1.1	-0.3																
Post small	37.2	123.4	3.5	Post small	18.4	34.3	2.1	Post small	3.8	-2.2	-0.6																
<b>5 years</b>				<b>5 years</b>				<b>5 years</b>																			
Pre AWS	39.6	122.9	3.2	Pre AWS	21.6	39.0	1.9	Pre AWS	4.2	-0.3	-0.1																
Post AWS	40.4	134.7	3.6	Post AWS	20.0	37.6	2.3	Post AWS	4.4	-2.5	-0.6																
Pre small	41.4	128.8	3.2	Pre small	22.0	38.2	1.8	Pre small	4.6	-0.5	-0.2																
Post small	32.4	120.9	3.8	Post small	13.4	30.3	2.5	Post small	1.6	-1.0	-0.7																
AWS introduction																											
Small screen introduction																											









10th 7.6	Annual # days below 10th percentile	Annual total C in days below 10th percentile	Annual average C in days below 10th percentile	5th 5.4	Annual # days below 5th percentile	Annual total C in days below 5th percentile	Annual average C in days below 5th percentile	1st 2.7	Annual # days below 1st percentile	Annual total C in days below 1st percentile	Annual average C in days below 1st percentile	Pre and post cumulative averages	AWS 10th percentile average in years pre and post AWS	Pre and post cumulative averages	AWS 5th percentile average in years pre and post AWS	Pre and post cumulative averages	AWS 1st percentile average in years pre and post AWS			
													Av #	Av C	Av #	Av C		Av #	Av C	
1910	33	125.2	3.8	1910	20	42.8	2.1	1910	10	0.9	0.1									
1911	59	257.5	4.4	1911	37	113.2	3.1	1911	10	5.0	0.5									
1912	47	247.6	5.3	1912	24	99.1	4.1	1912	2	4.3	2.2									
1913	70	344.8	4.9	1913	34	115.7	3.4	1913	11	15.5	1.4									
1914	42	196.0	4.7	1914	26	94.5	3.6	1914	8	11.7	1.5									
1915	27	140.8	5.2	1915	16	72.1	4.5	1915	0	0.0										
1916	17	84.5	5.0	1916	10	39.0	3.9	1916	1	2.2	2.2									
1917	45	244.6	5.4	1917	23	100.9	4.4	1917	3	4.4	1.5									
1918	57	261.6	4.6	1918	35	115.7	3.3	1918	9	10.0	1.1									
1919	61	292.7	4.8	1919	37	133.7	3.6	1919	8	14.6	1.8									
1920	24	144.2	6.0	1920	6	24.2	4.0	1920	0	0.0										
1921	7	44.3	6.3	1921	0	0.0		1921	0	0.0										
1922	57	248.6	4.4	1922	36	111.1	3.1	1922	11	11.3	1.0									
1923	73	356.5	4.9	1923	43	162.9	3.8	1923	11	20.3	1.8									
1924	48	260.9	5.4	1924	20	72.9	3.6	1924	3	1.3	0.4									
1925	65	329.7	5.1	1925	34	122.4	3.6	1925	10	19.9	2.0									
1926	43	221.4	5.1	1926	25	103.6	4.1	1926	0	0.0										
1927	35	137.6	3.9	1927	25	77.1	3.1	1927	11	17.1	1.6									
1928	33	147.0	4.5	1928	23	83.1	3.6	1928	7	13.9	2.0									
1929	53	242.9	4.6	1929	32	109.4	3.4	1929	8	14.3	1.8									
1930	38	207.6	5.5	1930	15	60.3	4.0	1930	1	2.5	2.5									
1931	29	153.5	5.3	1931	13	52.0	4.0	1931	2	3.3	1.7									
1932	40	202.3	5.1	1932	20	73.4	3.7	1932	2	3.6	1.8									
1933	20	103.6	5.2	1933	11	45.5	4.1	1933	0	0.0										
1934	34	191.3	5.6	1934	14	57.3	4.1	1934	1	2.5	2.5									
1935	28	151.4	5.4	1935	13	52.7	4.1	1935	1	2.2	2.2									
1936	24	128.9	5.4	1936	9	34.3	3.8	1936	1	1.1	1.1									
1937	44	211.2	4.8	1937	31	125.1	4.0	1937	3	6.9	2.3									
1938	26	141.4	5.4	1938	12	52.0	4.3	1938	2	4.1	2.1									
1939	52	258.5	5.0	1939	26	92.3	3.6	1939	6	9.4	1.6									
1940	37	191.6	5.2	1940	17	58.1	3.4	1940	5	7.2	1.4									
1941	60	288.0	4.8	1941	30	93.6	3.1	1941	11	15.3	1.4									
1942	19	107.1	5.6	1942	7	26.9	3.8	1942	1	2.6	2.6									
1943	47	219.4	4.7	1943	27	90.0	3.3	1943	7	10.1	1.4									
1944	37	206.2	5.6	1944	15	64.6	4.3	1944	1	2.2	2.2									
1945	28	148.4	5.3	1945	11	42.7	3.9	1945	1	1.7	1.7									
1946	61	292.2	4.8	1946	31	99.1	3.2	1946	9	13.9	1.5									
1947	26	155.7	6.0	1947	8	35.0	4.4	1947	0	0.0										
1948	31	174.0	5.6	1948	10	35.5	3.6	1948	2	3.3	1.7									
1949	59	287.8	4.9	1949	32	116.4	3.6	1949	6	9.4	1.6									
1950	44	240.1	5.5	1950	18	73.7	4.1	1950	0	0.0										
1951	63	289.5	4.6	1951	36	117.9	3.3	1951	9	12.2	1.4									
1952	50	260.3	5.2	1952	26	100.3	3.9	1952	3	5.6	1.9									
1953	61	267.5	4.4	1953	46	169.1	3.7	1953	5	4.0	0.8									
1954	31	151.1	4.9	1954	15	47.6	3.2	1954	6	12.7	2.1									
1955	18	98.3	5.5	1955	9	37.7	4.2	1955	0	0.0										
1956	50	240.9	4.8	1956	31	117.9	3.8	1956	5	9.4	1.9									
1957	38	214.4	5.6	1957	15	63.1	4.2	1957	0	0.0										
1958	32	184.7	5.8	1958	10	37.5	3.8	1958	2	3.3	1.7									
1959	29	152.7	5.3	1959	13	49.2	3.8	1959	1	2.2	2.2									
1960	43	221.8	5.2	1960	18	62.1	3.5	1960	4	6.1	1.5									
1961	0	0.0		1961	0	0.0		1961	0	0.0										
1962	21	120.3	5.7	1962	7	32.2	4.6	1962	0	0.0										
1963	42	208.3	5.0	1963	19	57.6	3.0	1963	8	12.2	1.5									
1964	30	166.7	5.6	1964	13	57.9	4.5	1964	0	0.0										
1965	30	135.4	4.5	1965	18	59.9	3.3	1965	6	10.3	1.7									
1966	34	179.1	5.3	1966	16	62.8	3.9	1966	2	3.4	1.7									
1967	34	206.7	6.1	1967	9	39.5	4.4	1967	0	0.0										
1968	35	183.6	5.2	1968	16	57.3	3.6	1968	5	9.1	1.8									
1969	17	95.3	5.6	1969	8	35.7	4.5	1969	1	0.9	0.9									
1970	33	178.8	5.4	1970	17	73.6	4.3	1970	2	4.0	2.0									
1971	36	175.4	4.9	1971	22	81.1	3.7	1971	3	4.2	1.4									
1972	37	187.8	5.1	1972	23	98.4	4.3	1972	3	6.6	2.2									
1973	11	69.7	6.3	1973	3	15.7	5.2	1973	0	0.0										
1974	58	277.5	4.8	1974	32	107.6	3.4	1974	10	17.3	1.7									
1975	36	177.6	4.9	1975	18	59.4	3.3	1975	6	6.8	1.1									
1976	55	244.7	4.4	1976	36	117.6	3.3	1976	11	16.6	1.5									
1977	54	250.4	4.6	1977	33	109.5	3.3	1977	12	19.1	1.6									
1978	34	167.5	4.9	1978	21	80.3	3.8	1978	5	11.2	2.2	20 years	30.0	5.3	20 years	14.2	3.8	20 years	2.9	1.7
1979	30	146.9	4.9	1979	13	39.0	3.0	1979	4	1.7	0.4	19 years	29.7	5.3	19 years	13.8	3.8	19 years	2.8	1.7
1980	34	186.6	5.5	1980	16	66.5	4.2	1980	2	4.6	2.3	18 years	29.7	5.4	18 years	13.8	3.9	18 years	2.7	1.8
1981	37	200.3	5.4	1981	18	71.9	4.0	1981	2	2.1	1.1	17 years	29.5	5.4	17 years	13.7	3.8	17 years	2.8	1.7
1982	47	232.0	4.9	1982	24	78.3	3.3	1982	11	20.7	1.9	16 years	29.0	5.4	16 years	13.4	3.8	16 years	2.8	1.8
1983	32	189.5	5.9	1983	7	22.0	3.1	1983	2	2.0	1.0	15 years	27.8	5.4	15 years	12.7	3.9	15 years	2.3	1.8
1984	39	165.5	4.2	1984	22	51.5	2.3	1984	12	11.0	0.9	14 years	27.5	5.4	14 years	13.1	3.9	14 years	2.3	1.9
1985	40	223.6	5.6	1985	16	62.9	3.9	1985	4	7.9	2.0	13 years	26.6	5.4	13 years	12.5	4.0	13 years	1.5	2.0
1986	25	112.4	4.5	1986	18	66.2	3.7	1986	2	4.7	2.4	12 years	25.5	5.4	12 years	12.2	4.0	12 years	1.3	2.0
1987	26	141.1	5.4	1987	14	61.5	4.4	1987	0	0.0		11 years	25.5	5.5	11 years	11.6	4.1	11 years	1.3	2.0
1988	15	89.9	6.0	1988	5	21.6	4.3	1988	0	0.0		10 years	25.5	5.5	10 years	11.4	4.0	10 years	1.4	2.0
1989	16	78.5	4.9	1989	10	41.6	4.2	1989	0	0.0		9 years	26.7	5.5	9 years	12.1	4.0	9 years	1.6	2.0
1990	36	188.4	5.2	1990	19	74.9	3.9	1990	3	5.7	1.9	8 years	28.0	5.5	8 years	12.4	4.0	8 years	1.8	2.0
1991	39	217.9	5.6	1991	14	56.3	4.0	1991	1	2.6	2.6	7 years	26.9	5.6	7 years	11.4	4.0	7 years	1.6	2.0
1992	30	153.1	5.1	1992	16	60.3	3.8	1992	3	6.9	2.3	6 years	24.8	5.6	6 years	11.0	4.0</			



10th 6.9	Annual # days below 10th percentile	Annual total C in days below 10th percentile	Annual average C in days below 10th percentile	5th 5.6	Annual # days below 5th percentile	Annual total C in days below 5th percentile	Annual average C in days below 5th percentile	1st 3.3	Annual # days below 1st percentile	Annual total C in days below 1st percentile	Annual average C in days below 1st percentile	Pre and post cumulative averages		AWS 10th percentile average in years pre and post AWS		Pre and post cumulative averages		AWS 5th percentile average in years pre and post AWS		Pre and post cumulative averages		AWS 1st percentile average in years pre and post AWS		
												Av #	Av C	Av #	Av C	Av #	Av C	Av #	Av C					
1910	24	132.4	5.5	1910	11	48.6	4.4	1910	1	3.3	3.3													
1911	35	189.6	5.4	1911	15	61.2	4.1	1911	5	12.5	2.5													
1912	47	255.7	5.4	1912	26	120.4	4.6	1912	3	8.6	2.9													
1913	45	227.5	5.1	1913	25	103.5	4.1	1913	6	14.6	2.4													
1914	47	240.7	5.1	1914	24	96.0	4.0	1914	8	21.5	2.7													
1915	24	135.1	5.6	1915	10	45.5	4.6	1915	2	5.0	2.5													
1916	29	171.7	5.9	1916	10	46.9	4.7	1916	1	3.3	3.3													
1917	37	214.4	5.8	1917	13	58.3	4.5	1917	2	5.6	2.8													
1918	41	234.7	5.7	1918	15	65.5	4.4	1918	2	6.2	3.1													
1919	33	184.5	5.6	1919	13	55.4	4.3	1919	2	4.4	2.2													
1920	38	220.6	5.8	1920	15	71.9	4.8	1920	2	5.5	2.8													
1921	20	120.0	6.0	1921	7	36.2	5.2	1921	0	0.0														
1922	37	220.9	6.0	1922	9	38.5	4.3	1922	1	3.3	3.3													
1923	30	181.3	6.0	1923	8	38.9	4.9	1923	0	0.0														
1924	29	155.6	5.4	1924	12	46.5	3.9	1924	5	14.8	3.0													
1925	38	209.7	5.5	1925	19	87.1	4.6	1925	0	0.0														
1926	29	136.8	4.7	1926	20	78.1	3.9	1926	9	23.2	2.6													
1927	61	315.3	5.2	1927	32	130.1	4.1	1927	12	33.0	2.8													
1928	42	227.2	5.4	1928	23	105.8	4.6	1928	1	3.3	3.3													
1929	52	271.2	5.2	1929	26	104.9	4.0	1929	8	20.0	2.5													
1930	38	200.1	5.3	1930	21	92.1	4.4	1930	4	10.3	2.6													
1931	36	202.3	5.6	1931	18	86.9	4.8	1931	2	5.7	2.9													
1932	30	166.0	5.5	1932	14	62.9	4.5	1932	3	9.4	3.1													
1933	39	211.4	5.4	1933	20	90.0	4.5	1933	3	9.4	3.1													
1934	38	203.6	5.4	1934	19	84.2	4.4	1934	5	15.5	3.1													
1935	25	140.0	5.6	1935	12	56.5	4.7	1935	1	2.8	2.8													
1936	31	179.7	5.8	1936	10	48.0	4.8	1936	1	2.8	2.8													
1937	37	196.9	5.3	1937	20	85.9	4.3	1937	4	10.5	2.6													
1938	38	208.5	5.5	1938	15	59.3	4.0	1938	4	10.5	2.6													
1939	39	199.2	5.1	1939	23	96.7	4.2	1939	4	9.7	2.4													
1940	42	223.3	5.3	1940	21	89.4	4.3	1940	4	11.2	2.8													
1941	40	219.7	5.5	1941	19	83.9	4.4	1941	2	4.1	2.1													
1942	27	151.1	5.6	1942	11	50.0	4.5	1942	2	4.0	2.0													
1943	79	427.2	5.4	1943	38	165.4	4.4	1943	8	16.9	2.1													
1944	58	283.9	4.9	1944	32	115.8	3.6	1944	16	43.1	2.7													
1945	59	297.4	5.0	1945	39	170.0	4.4	1945	8	20.0	2.5													
1946	41	222.4	5.4	1946	22	102.9	4.7	1946	2	6.1	3.1													
1947	26	129.8	5.0	1947	18	78.6	4.4	1947	4	13.2	3.3													
1948	44	227.0	5.2	1948	23	92.9	4.0	1948	6	14.5	2.4													
1949	56	279.6	5.0	1949	39	168.6	4.3	1949	12	33.9	2.8													
1950	59	310.9	5.3	1950	30	125.2	4.2	1950	5	10.3	2.1													
1951	38	199.6	5.3	1951	21	88.7	4.2	1951	8	24.8	3.1													
1952	46	260.1	5.7	1952	22	105.9	4.8	1952	3	8.4	2.8													
1953	43	224.8	5.2	1953	27	123.0	4.6	1953	4	11.1	2.8													
1954	37	187.4	5.1	1954	22	89.9	4.1	1954	9	27.6	3.1													
1955	38	196.1	5.2	1955	22	91.9	4.2	1955	7	17.2	2.5													
1956	48	248.0	5.2	1956	30	130.4	4.3	1956	7	20.4	2.9													
1957	35	196.6	5.6	1957	17	77.8	4.6	1957	3	8.3	2.8													
1958	49	245.6	5.0	1958	24	84.7	3.5	1958	13	28.3	2.2													
1959	59	311.6	5.3	1959	31	131.8	4.3	1959	9	23.8	2.6													
1960	42	205.2	4.9	1960	25	96.7	3.9	1960	8	16.6	2.1													
1961	38	218.9	5.8	1961	14	61.1	4.4	1961	4	12.1	3.0													
1962	33	173.9	5.3	1962	21	96.4	4.6	1962	2	5.6	2.8													
1963	45	242.3	5.4	1963	22	95.9	4.4	1963	5	11.7	2.3													
1964	26	145.2	5.6	1964	9	36.4	4.0	1964	2	5.3	2.7													
1965	39	231.1	5.9	1965	11	51.5	4.7	1965	1	1.3	1.3													
1966	21	114.8	5.5	1966	8	32.0	4.0	1966	2	3.8	1.9													
1967	52	249.9	4.8	1967	32	125.7	3.9	1967	11	30.5	2.8													
1968	29	163.3	5.6	1968	12	55.3	4.6	1968	1	2.8	2.8													
1969	49	242.8	5.0	1969	32	134.1	4.2	1969	7	17.9	2.6													
1970	43	218.7	5.1	1970	28	123.3	4.4	1970	5	13.5	2.7													
1971	32	167.2	5.2	1971	18	78.7	4.4	1971	2	4.7	2.4													
1972	61	279.2	4.6	1972	42	160.7	3.8	1972	12	29.9	2.5													
1973	31	152.8	4.9	1973	20	81.8	4.1	1973	4	9.3	2.3													
1974	26	131.5	5.1	1974	10	34.5	3.5	1974	5	11.5	2.3													
1975	17	87.3	5.1	1975	10	42.3	4.2	1975	2	4.4	2.2													
1976	39	201.8	5.2	1976	17	64.3	3.8	1976	4	6.8	1.7													
1977	34	180.0	5.3	1977	22	105.0	4.8	1977	3	8.0	2.7													
1978	33	182.7	5.5	1978	15	70.6	4.7	1978	2	6.1	3.1													
1979	27	138.6	5.1	1979	19	88.6	4.7	1979	0	0.0														
1980	17	92.3	5.4	1980	11	55.6	5.1	1980	0	0.0														
1981	22	119.6	5.4	1981	11	48.6	4.4	1981	1	2.9	2.9													
1982	42	175.4	4.2	1982	30	99.5	3.3	1982	14	27.0	1.9													
1983	41	218.4	5.3	1983	19	79.0	4.2	1983	4	9.6	2.4	20 years	30.7	5.4	20 years	14.5	4.4	20 years	2.3	2.5				
1984	28	153.6	5.5	1984	12	47.1	3.9	1984	4	9.6	2.4	19 years	30.1	5.4	19 years	14.2	4.4	19 years	2.2	2.5				
1985	33	168.7	5.1	1985	17	69.1	4.1	1985	4	8.8	2.2	18 years	30.2	5.4	18 years	14.3	4.4	18 years	2.1	2.5				
1986	29	170.1	5.9	1986	10	48.4	4.8	1986	0	0.0		17 years	30.1	5.5	17 years	14.2	4.5	17 years	1.9	2.6				



10th 8.5	Annual # days below 10th percentile	Annual total C in days below 10th percentile	Annual average C in days below 10th percentile	5th 6.3	Annual # days below 5th percentile	Annual total C in days below 5th percentile	Annual average C in days below 5th percentile	1st 3.4	Annual # days below 1st percentile	Annual total C in days below 1st percentile	Annual average C in days below 1st percentile	Pre and post cumulative averages	AWS 10th percentile average in years pre and post AWS	Pre and post cumulative averages	AWS 5th percentile average in years pre and post AWS	Pre and post cumulative averages	AWS 1st percentile average in years pre and post AWS			
												Av #	Av C	Av #	Av C	Av #	Av C			
1940	25	141.3	5.7	1940	14	60.0	4.3	1940	4	11.0	2.8									
1941	53	277.1	5.2	1941	35	144.6	4.1	1941	8	12.6	1.6									
1942	16	101.8	6.4	1942	7	36.3	5.2	1942	1	3.3	3.3									
1943	51	269.8	5.3	1943	36	157.3	4.4	1943	10	25.9	2.6									
1944	54	337.1	6.2	1944	28	143.0	5.1	1944	3	8.3	2.8									
1945	25	164.3	6.6	1945	9	43.9	4.9	1945	2	6.3	3.2									
1946	66	303.2	4.6	1946	46	150.3	3.3	1946	24	42.6	1.8									
1947	42	247.8	5.9	1947	24	106.6	4.4	1947	4	10.7	2.7									
1948	50	336.7	6.7	1948	23	124.5	5.4	1948	1	3.4	3.4									
1949	54	293.9	5.4	1949	35	151.2	4.3	1949	10	24.7	2.5									
1950	23	158.1	6.9	1950	9	50.1	5.6	1950	0	0.0										
1951	64	359.1	5.6	1951	39	171.0	4.4	1951	11	28.7	2.6									
1952	49	264.7	5.4	1952	30	129.8	4.3	1952	9	24.8	2.8									
1953	66	348.2	5.3	1953	46	196.6	4.3	1953	11	27.5	2.5									
1954	19	121.9	6.4	1954	8	38.8	4.9	1954	1	2.4	2.4									
1955	37	235.7	6.4	1955	15	69.8	4.7	1955	3	6.5	2.2									
1956	59	350.4	5.9	1956	32	152.7	4.8	1956	3	8.0	2.7									
1957	48	289.9	6.0	1957	26	121.2	4.7	1957	8	23.0	2.9									
1958	44	274.0	6.2	1958	19	89.3	4.7	1958	2	3.4	1.7									
1959	43	237.2	5.5	1959	25	104.1	4.2	1959	9	24.9	2.8									
1960	66	333.8	5.1	1960	43	164.7	3.8	1960	16	32.1	2.0									
1961	59	326.7	5.5	1961	36	156.1	4.3	1961	8	17.7	2.2									
1962	45	270.0	6.0	1962	25	119.0	4.8	1962	6	15.1	2.5									
1963	52	271.4	5.2	1963	37	157.9	4.3	1963	10	16.2	1.6									
1964	38	209.7	5.5	1964	24	107.0	4.5	1964	4	11.1	2.8									
1965	44	222.9	5.1	1965	26	96.2	3.7	1965	11	20.8	1.9									
1966	43	255.7	5.9	1966	22	93.0	4.2	1966	6	12.5	2.1									
1967	33	208.9	6.3	1967	17	88.9	5.2	1967	1	2.9	2.9									
1968	54	320.0	5.9	1968	27	121.0	4.5	1968	5	11.0	2.2									
1969	27	179.8	6.7	1969	11	57.1	5.2	1969	1	2.2	2.2									
1970	53	303.9	5.7	1970	33	153.9	4.7	1970	7	19.3	2.8									
1971	47	299.5	6.4	1971	19	89.3	4.7	1971	2	4.9	2.5									
1972	47	262.7	5.6	1972	28	121.8	4.4	1972	7	14.6	2.1									
1973	14	101.7	7.3	1973	3	18.3	6.1	1973	0	0.0										
1974	51	280.1	5.5	1974	29	120.8	4.2	1974	9	21.7	2.4									
1975	25	163.6	6.5	1975	11	58.9	5.4	1975	0	0.0										
1976	46	272.4	5.9	1976	28	140.5	5.0	1976	2	5.3	2.7	20 years	33.3	6.2	20 years	17.0	4.8	20 years	3.1	2.8
1977	40	232.1	5.8	1977	19	75.1	4.0	1977	7	18.7	2.7	19 years	32.6	6.2	19 years	16.4	4.8	19 years	3.1	2.8
1978	33	226.3	6.9	1978	11	58.0	5.3	1978	0	0.0		18 years	32.2	6.2	18 years	16.3	4.8	18 years	2.9	2.8
1979	29	171.7	5.9	1979	18	89.8	5.0	1979	1	2.8	2.8	17 years	32.2	6.2	17 years	16.6	4.8	17 years	3.1	2.8
1980	36	224.1	6.2	1980	18	87.6	4.9	1980	2	5.4	2.7	16 years	32.4	6.2	16 years	16.5	4.8	16 years	3.2	2.8
1981	35	224.8	6.4	1981	15	77.0	5.1	1981	1	3.4	3.4	15 years	32.1	6.2	15 years	16.4	4.8	15 years	3.3	2.8
1982	47	244.2	5.2	1982	32	132.9	4.2	1982	11	27.3	2.5	14 years	31.9	6.2	14 years	16.5	4.8	14 years	3.4	2.7
1983	20	139.7	7.0	1983	8	46.1	5.8	1983	0	0.0		13 years	30.8	6.2	13 years	15.3	4.8	13 years	2.8	2.8
1984	40	242.9	6.1	1984	16	63.9	4.0	1984	8	19.4	2.4	12 years	31.7	6.2	12 years	15.9	4.7	12 years	3.1	2.8
1985	42	259.5	6.2	1985	17	71.9	4.2	1985	4	8.2	2.1	11 years	30.9	6.2	11 years	15.9	4.8	11 years	2.6	2.8
1986	27	160.6	5.9	1986	13	56.7	4.4	1986	3	8.7	2.9	10 years	29.8	6.2	10 years	15.8	4.9	10 years	2.5	2.9
1987	30	165.9	5.5	1987	21	97.7	4.7	1987	5	15.1	3.0	9 years	30.1	6.2	9 years	16.1	4.9	9 years	2.4	2.9
1988	12	84.0	7.0	1988	3	16.0	5.3	1988	0	0.0		8 years	30.1	6.3	8 years	15.5	5.0	8 years	2.1	2.9
1989	36	219.7	6.1	1989	22	110.1	5.0	1989	1	2.7	2.7	7 years	32.7	6.2	7 years	17.3	4.9	7 years	2.4	2.9
1990	33	208.1	6.3	1990	16	82.7	5.2	1990	1	2.9	2.9	6 years	32.2	6.2	6 years	16.5	4.9	6 years	2.7	2.9
1991	33	202.1	6.1	1991	14	64.4	4.6	1991	3	9.5	3.2	5 years	32.0	6.2	5 years	16.6	4.8	5 years	3.0	2.9
1992	40	247.4	6.2	1992	21	101.6	4.8	1992	2	6.0	3.0	4 years	31.8	6.2	4 years	17.3	4.9	4 years	3.0	2.8
1993	12	87.6	7.3	1993	2	11.6	5.8	1993	0	0.0		3 years	29.0	6.2	3 years	16.0	4.9	3 years	3.3	2.7
1994	45	244.1	5.4	1994	30	131.1	4.4	1994	6	14.7	2.5	2 years	37.5	5.7	2 years	23.0	4.5	2 years	5.0	2.7
1995	30	176.5	5.9	1995	16	73.6	4.6	1995	4	11.6	2.9	1 years	30.0	5.9	1 years	16.0	4.6	1 years	4.0	2.9
1996	35	214.3	6.1	1996	19	95.4	5.0	1996	1	3.0	3.0	0 years	35.0	6.1	0 years	19.0	5.0	0 years	1.0	3.0
1997	24	162.4	6.8	1997	8	40.4	5.1	1997	1	3.4	3.4	1 years	24.0	6.8	1 years	8.0	5.1	1 years	1.0	3.4
1998	24	148.4	6.2	1998	13	65.4	5.0	1998	2	5.6	2.8	2 years	24.0	6.5	2 years	10.5	5.0	2 years	1.5	3.1
1999	30	182.2	6.1	1999	15	69.3	4.6	1999	2	5.0	2.5	3 years	26.0	6.3	3 years	12.0	4.9	3 years	1.7	2.9
2000	45	277.5	6.2	2000	20	88.9	4.4	2000	4	11.1	2.8	4 years	30.8	6.3	4 years	14.0	4.8	4 years	2.3	2.9
2001	29	188.3	6.5	2001	15	82.3	5.5	2001	0	0.0		5 years	30.4	6.3	5 years	14.2	4.9	5 years	1.8	2.9
2002	32	209.3	6.5	2002	14	70.4	5.0	2002	1	3.3	3.3	6 years	30.7	6.4	6 years	14.2	4.9	6 years	1.7	3.0
2003	18	112.2	6.2	2003	8	36.6	4.6	2003	1	1.8	1.8	7 years	28.9	6.4	7 years	13.3	4.9	7 years	1.6	2.8
2004	36	225.1	6.3	2004	18	88.0	4.9	2004	0	0.0		8 years	29.8	6.3	8 years	13.9	4.9	8 years	1.4	2.8
2005	25	172.4	6.9	2005	7	37.2	5.3	2005	0	0.0		9 years	29.2	6.4	9 years	13.1	4.9	9 years	1.2	2.8
2006	21	138.8	6.6	2006	9	45.4	5.0	2006	0	0.0		10 years	28.4	6.4	10 years	12.7	4.9	10 years	1.1	2.8
2007	38	226.6	6.0	2007	20	94.3	4.7	2007	4	9.2	2.3	11 years	29.3	6.4	11 years	13.4	4.9	11 years	1.4	2.7
2008	34	199.2	5.9	2008	19	90.3	4.8	2008	2	5.4	2.7	12 years	29.7	6.3	12 years	13.8	4.9	12 years	1.4	2.7
2009	29	190.3	6.6	2009	10	48.0	4.8	2009	2	5.9	3.0	13 years	29.6	6.4	13 years	13.5	4.9	13 years	1.5	2.7
2010	24	171.4	7.1	2010	5	27.3	5.5	2010	0	0.0		14 years	29.2	6.4	14 years	12.9	4.9	14 years	1.4	2.7
2011	43	287.0	6.7	2011	15	81.4	5.4	2011	0	0.0		15 years	30.1	6.4	15 years	13.1	5.0	15 years	1.3	2.7
2012	40	273.7	6.8	2012	10	48.1	4.8	2012	0	0.0		16 years	30.8	6.5	16 years	12.9	5.0	16 years	1.2	2.7
2013	22	160.8	7.3	2013	5	28.9	5.8	2013	0	0.0		17 years	30.2	6.5	17 years	12.4	5.0	17 years	1.1	2.7
2014	31	187.0	6.0	2014	16	71.6	4.5	2014	4	11.9	3.0	18 years	30.3	6.5	18 years	12.6	5.0	18 years	1.3	2.8
2015	23	144.3	6.3	2015	11	51.3	4.7	2015	2	6.5	3.3	19 years	29.9	6.5	19 years	12.5	5.0	19 years	1.3	2.8
2016	15	107.9	7.2	2016	4	23.0	5.8	2016	0	0.0		20 years	29.2	6.5	20 years	12.1	5.0	20 years	1.3	2.8
2017	12	83.7	7.0	2017	2	11.8	5.9													



10th -0.4	Annual # days below 10th percentile	Annual total C in days below 10th percentile	Annual average C in days below 10th percentile	5th -1.7	Annual # days below 5th percentile	Annual total C in days below 5th percentile	Annual average C in days below 5th percentile	1st -3.7	Annual # days below 1st percentile	Annual total C in days below 1st percentile	Annual average C in days below 1st percentile	Pre and post cumulative averages		AWS 10th percentile average in years pre and post AWS		Pre and post cumulative averages		AWS 5th percentile average in years pre and post AWS		Pre and post cumulative averages		AWS 1st percentile average in years pre and post AWS	
												Av #	Av C	Av #	Av C	Av #	Av C	Av #	Av C				
1913	49	-117.2	-2.4	1913	37	-104.0	-2.8	1913	7	-32.0	-4.6												
1914	57	-99.7	-1.7	1914	29	-72.6	-2.5	1914	4	-16.7	-4.2												
1915	8	-10.8	-1.4	1915	3	-6.9	-2.3	1915	0	0.0													
1916	17	-28.4	-1.7	1916	7	-21.1	-3.0	1916	2	-7.8	-3.9												
1917	12	-15.7	-1.3	1917	4	-9.2	-2.3	1917	0	0.0													
1918	17	-26.1	-1.5	1918	8	-16.9	-2.1	1918	0	0.0													
1919	36	-65.4	-1.8	1919	19	-49.1	-2.6	1919	5	-19.1	-3.8												
1920	2	-1.4	-0.7	1920	0	0.0		1920	0	0.0													
1921	17	-23.8	-1.4	1921	6	-13.3	-2.2	1921	0	0.0													
1922	22	-35.9	-1.6	1922	9	-21.6	-2.4	1922	0	0.0													
1923	13	-12.2	-0.9	1923	1	-1.7	-1.7	1923	0	0.0													
1924	35	-65.3	-1.9	1924	20	-52.3	-2.6	1924	0	0.0													
1925	46	-83.0	-1.8	1925	20	-58.2	-2.9	1925	4	-16.4	-4.1												
1926	14	-18.4	-1.3	1926	3	-7.6	-2.5	1926	1	-4.0	-4.0												
1927	48	-110.4	-2.3	1927	31	-93.5	-3.0	1927	7	-29.5	-4.2												
1928	34	-68.1	-2.0	1928	21	-56.1	-2.7	1928	2	-7.8	-3.9												
1929	57	-146.1	-2.6	1929	33	-120.7	-3.7	1929	16	-76.1	-4.8												
1930	21	-36.7	-1.7	1930	14	-28.9	-2.1	1930	0	0.0													
1931	16	-21.6	-1.4	1931	5	-10.2	-2.0	1931	0	0.0													
1932	34	-69.3	-2.0	1932	16	-50.6	-3.2	1932	7	-29.5	-4.2												
1933	29	-52.6	-1.8	1933	18	-42.9	-2.4	1933	0	0.0													
1934	38	-78.9	-2.1	1934	18	-57.6	-3.2	1934	4	-17.2	-4.3												
1935	33	-53.8	-1.6	1935	13	-36.9	-2.8	1935	3	-12.2	-4.1												
1936	34	-62.6	-1.8	1936	14	-43.7	-3.1	1936	6	-24.9	-4.2												
1937	38	-63.1	-1.7	1937	15	-40.1	-2.7	1937	1	-3.7	-3.7												
1938	20	-35.3	-1.8	1938	14	-29.8	-2.1	1938	0	0.0													
1939	18	-33.8	-1.9	1939	13	-29.0	-2.2	1939	0	0.0													
1940	59	-96.2	-1.6	1940	25	-62.7	-2.5	1940	1	-3.9	-3.9												
1941	41	-67.2	-1.6	1941	18	-44.2	-2.5	1941	1	-3.7	-3.7												
1942	19	-23.4	-1.2	1942	6	-13.2	-2.2	1942	0	0.0													
1943	40	-65.3	-1.6	1943	20	-44.7	-2.2	1943	0	0.0													
1944	61	-166.6	-2.7	1944	47	-153.7	-3.3	1944	17	-73.6	-4.3												
1945	32	-50.0	-1.6	1945	13	-33.0	-2.5	1945	0	0.0													
1946	39	-74.3	-1.9	1946	21	-57.1	-2.7	1946	5	-20.3	-4.1												
1947	19	-23.7	-1.2	1947	5	-11.3	-2.3	1947	0	0.0													
1948	34	-76.3	-2.2	1948	21	-62.8	-3.0	1948	6	-25.7	-4.3												
1949	43	-95.1	-2.2	1949	26	-78.0	-3.0	1949	4	-19.4	-4.9												
1950	48	-77.7	-1.6	1950	25	-57.0	-2.3	1950	1	-3.9	-3.9												
1951	13	-24.4	-1.9	1951	7	-17.8	-2.5	1951	0	0.0													
1952	28	-44.1	-1.6	1952	12	-31.3	-2.6	1952	3	-12.7	-4.2												
1953	38	-73.8	-1.9	1953	21	-57.9	-2.8	1953	4	-17.1	-4.3												
1954	57	-112.6	-2.0	1954	31	-87.5	-2.8	1954	6	-26.3	-4.4												
1955	28	-54.1	-1.9	1955	18	-43.5	-2.4	1955	0	0.0													
1956	19	-38.3	-2.0	1956	13	-34.2	-2.6	1956	0	0.0													
1957	38	-53.3	-1.4	1957	16	-34.6	-2.2	1957	0	0.0													
1958	19	-40.1	-2.1	1958	14	-36.1	-2.6	1958	1	-3.9	-3.9												
1959	35	-61.3	-1.8	1959	18	-42.6	-2.4	1959	0	0.0													
1960	0	0.0		1960	0	0.0		1960	0	0.0													
1961	0	0.0		1961	0	0.0		1961	0	0.0													
1962	0	0.0		1962	0	0.0		1962	0	0.0													
1963	0	0.0		1963	0	0.0		1963	0	0.0													
1964	0	0.0		1964	0	0.0		1964	0	0.0													
1965	32	-73.7	-2.3	1965	20	-61.7	-3.1	1965	6	-26.0	-4.3												
1966	53	-97.6	-1.8	1966	29	-77.4	-2.7	1966	6	-24.5	-4.1												
1967	44	-97.9	-2.2	1967	34	-89.9	-2.6	1967	5	-20.4	-4.1												
1968	20	-27.0	-1.4	1968	9	-18.8	-2.1	1968	0	0.0													
1969	43	-90.8	-2.1	1969	22	-70.6	-3.2	1969	6	-27.0	-4.5												
1970	31	-40.8	-1.3	1970	13	-26.2	-2.0	1970	0	0.0													
1971	47	-96.7	-2.1	1971	31	-83.4	-2.7	1971	5	-21.9	-4.4												
1972	37	-80.0	-2.2	1972	22	-64.5	-2.9	1972	5	-21.2	-4.2												
1973	20	-24.6	-1.2	1973	3	-6.5	-2.2	1973	0	0.0													
1974	13	-26.5	-2.0	1974	6	-18.5	-3.1	1974	2	-9.0	-4.5												
1975	25	-53.0	-2.1	1975	16	-44.5	-2.8	1975	4	-16.5	-4.1												
1976	64	-159.2	-2.5	1976	43	-139.6	-3.2	1976	14	-65.9	-4.7												
1977	47	-96.4	-1.8	1977	25	-68.0	-2.7	1977	1	-4.5	-4.5												
1978	27	-50.2	-1.9	1978	12	-34.3	-2.9	1978	0	0.0		20 years	35.8	-2.0	20 years	20.2	-2.8	20 years	4.8	-4.3			
1979	42	-98.0	-2.3	1979	28	-85.5	-3.1	1979	8	-33.5	-4.2	19 years	36.3	-2.0	19 years	20.6	-2.8	19 years	5.0	-4.3			
1980	48	-88.2	-1.8	1980	23	-63.1	-2.7	1980	3	-12.6	-4.2	18 years	35.9	-2.0	18 years	20.2	-2.8	18 years	4.8	-4.3			
1981	13	-22.6	-1.7	1981	4	-12.8	-3.2	1981	1	-4.1	-4.1	17 years	35.2	-2.0	17 years	20.0	-2.8	17 years	4.9	-4.3			
1982	81	-179.6	-2.2	1982	47	-148.4	-3.2	1982	12	-54.7	-4.6	16 years	36.6	-2.0	16 years	21.0	-2.8	16 years	5.2	-4.4			
1983	20	-38.3	-1.9	1983	9	-28.2	-3.1	1983	3	-13.9	-4.6	15 years	33.7	-2.0	15 years	19.3	-2.8	15 years	4.7	-4.3			
1984	49	-113.4	-2.3	1984	29	-94.6	-3.3	1984	9	-45.2	-5.0	14 years	34.6	-2.0	14 years	20.0	-2.8	14 years	4.9	-4.3			
1985	53	-146.1	-2.8	1985	34	-127.4	-3.7	1985	20	-87.9	-4.4	13 years	33.5	-1.9	13 years	19.3	-2.7	13 years	4.5	-4.2			
1986	36	-80.2	-2.2	1986	21	-66.7	-3.2	1986	6	-27.7	-4.6	12 years	31.9	-1.9	12 years	18.1	-2.6	12 years	3.3	-4.2			
1987	38	-76.4	-2.0	1987	22	-62.6	-2.8	1987	4	-16.6	-4.2	11 years	31.5	-1.8	11 years	17.8	-2.6	11 years	3.0	-4.2			
1988	9	-9.8	-1.1	1988	2	-3.5	-1.8	1988	0	0.0		10 years	30.9	-1.8	10 years	17.4	-2.6	10 years	2.9	-4.2			
1989	27	-48.5	-1.8	1989	16	-37.8	-2.4	1989	1	-4.5	-4.5	9 years	33.3	-1.9	9 years	19.1	-2.6	9 years	3.2				



10th 2.2	Annual # days below 10th percentile	Annual total C in days below 10th percentile	Annual average C in days below 10th percentile	5th 0.7	Annual # days below 5th percentile	Annual total C in days below 5th percentile	Annual average C in days below 5th percentile	1st -1.5	Annual # days below 1st percentile	Annual total C in days below 1st percentile	Annual average C in days below 1st percentile	Pre and post cumulative averages	AWS 10th percentile average in years pre and post AWS	Pre and post cumulative averages	AWS 5th percentile average in years pre and post AWS	Pre and post cumulative averages	AWS 1st percentile average in years pre and post AWS			
	Av #	Av C		Av #	Av C			Av #	Av C			Av #	Av C		Av #	Av C				
1910	22	15.0	0.7	1910	10	-4.1	-0.4	1910	2	-4.1	-2.1									
1911	30	21.1	0.7	1911	13	-6.0	-0.5	1911	3	-6.2	-2.1									
1912	45	24.2	0.5	1912	22	-9.7	-0.4	1912	3	-8.2	-2.7									
1913	24	12.7	0.5	1913	11	-10.0	-0.9	1913	3	-7.3	-2.4									
1914	39	29.1	0.7	1914	18	-2.1	-0.1	1914	0	0.0										
1915	20	24.8	1.2	1915	5	0.0	0.0	1915	0	0.0										
1916	47	42.7	0.9	1916	22	0.6	0.0	1916	0	0.0										
1917	28	19.1	0.7	1917	12	-2.8	-0.2	1917	0	0.0										
1918	22	28.9	1.3	1918	5	-0.6	-0.1	1918	0	0.0										
1919	31	27.1	0.9	1919	10	-7.8	-0.8	1919	4	-8.4	-2.1									
1920	36	13.4	0.4	1920	21	-12.2	-0.6	1920	2	-3.7	-1.9									
1921	28	31.9	1.1	1921	7	-4.9	-0.7	1921	2	-4.2	-2.1									
1922	34	23.0	0.7	1922	16	-4.3	-0.3	1922	3	-6.2	-2.1									
1923	24	27.1	1.1	1923	9	2.4	0.3	1923	0	0.0										
1924	42	20.1	0.5	1924	20	-19.4	-1.0	1924	5	-16.1	-3.2									
1925	44	48.3	1.1	1925	14	-6.5	-0.5	1925	3	-5.1	-1.7									
1926	48	40.7	0.8	1926	24	-3.7	-0.2	1926	1	-1.7	-1.7									
1927	50	26.7	0.5	1927	20	-29.3	-1.5	1927	8	-23.6	-3.0									
1928	41	16.0	0.4	1928	25	-12.7	-0.5	1928	4	-8.4	-2.1									
1929	62	45.4	0.7	1929	29	-10.9	-0.4	1929	4	-9.0	-2.3									
1930	30	33.5	1.1	1930	8	-2.6	-0.3	1930	2	-3.9	-2.0									
1931	44	28.1	0.6	1931	19	-18.5	-1.0	1931	7	-15.7	-2.2									
1932	51	-13.8	-0.3	1932	33	-46.2	-1.4	1932	12	-38.6	-3.2									
1933	22	20.8	0.9	1933	10	1.1	0.1	1933	0	0.0										
1934	56	14.7	0.3	1934	35	-20.6	-0.6	1934	10	-18.2	-1.8									
1935	29	20.9	0.7	1935	14	-6.8	-0.5	1935	2	-3.9	-2.0									
1936	38	31.3	0.8	1936	14	-6.0	-0.4	1936	2	-3.8	-1.9									
1937	29	17.0	0.6	1937	14	-5.7	-0.4	1937	3	-5.2	-1.7									
1938	48	39.7	0.8	1938	21	-8.9	-0.4	1938	3	-5.2	-1.7									
1939	30	21.1	0.7	1939	14	-5.0	-0.4	1939	0	0.0										
1940	39	9.9	0.3	1940	26	-11.6	-0.4	1940	3	-6.4	-2.1									
1941	23	13.0	0.6	1941	13	-2.1	-0.2	1941	2	-3.7	-1.9									
1942	17	15.7	0.9	1942	5	-5.4	-1.1	1942	3	-6.6	-2.2									
1943	37	29.9	0.8	1943	16	-2.2	-0.1	1943	0	0.0										
1944	34	2.7	0.1	1944	24	-12.9	-0.5	1944	5	-8.6	-1.7									
1945	59	41.3	0.7	1945	27	-6.2	-0.2	1945	2	-4.4	-2.2									
1946	49	31.6	0.6	1946	22	-11.6	-0.5	1946	4	-11.0	-2.8									
1947	33	22.0	0.7	1947	13	-12.7	-1.0	1947	4	-8.4	-2.1									
1948	45	5.0	0.1	1948	27	-23.7	-0.9	1948	10	-22.9	-2.3									
1949	57	15.7	0.3	1949	31	-24.1	-0.8	1949	6	-19.0	-3.2									
1950	45	17.3	0.4	1950	23	-16.5	-0.7	1950	5	-12.1	-2.4									
1951	30	40.4	1.3	1951	7	0.5	0.1	1951	0	0.0										
1952	20	18.6	0.9	1952	10	1.8	0.2	1952	0	0.0										
1953	40	19.1	0.5	1953	20	-12.9	-0.6	1953	5	-12.4	-2.5									
1954	55	34.3	0.6	1954	22	-20.2	-0.9	1954	6	-16.5	-2.8									
1955	38	9.1	0.2	1955	22	-13.8	-0.6	1955	5	-10.0	-2.0									
1956	25	17.6	0.7	1956	11	-4.8	-0.4	1956	0	0.0										
1957	38	16.0	0.4	1957	20	-13.1	-0.7	1957	5	-11.6	-2.3									
1958	26	23.7	0.9	1958	10	-3.8	-0.4	1958	2	-3.7	-1.9									
1959	34	14.8	0.4	1959	18	-14.1	-0.8	1959	5	-13.1	-2.6									
1960	27	19.6	0.7	1960	12	-2.9	-0.2	1960	1	-1.7	-1.7									
1961	23	11.6	0.5	1961	11	-6.8	-0.6	1961	3	-5.9	-2.0									
1962	30	16.9	0.6	1962	14	-7.8	-0.6	1962	3	-6.8	-2.3									
1963	24	24.9	1.0	1963	7	-1.0	-0.1	1963	0	0.0										
1964	24	20.3	0.8	1964	12	0.7	0.1	1964	1	-2.2	-2.2									
1965	34	-29.8	-0.9	1965	27	-40.8	-1.5	1965	13	-37.0	-2.8									
1966	44	7.9	0.2	1966	24	-22.3	-0.9	1966	7	-15.3	-2.2									
1967	40	31.1	0.8	1967	20	-1.4	-0.1	1967	0	0.0										
1968	39	33.9	0.9	1968	13	-6.4	-0.5	1968	1	-1.5	-1.5									
1969	38	16.9	0.4	1969	17	-14.2	-0.8	1969	6	-12.6	-2.1									
1970	26	27.5	1.1	1970	10	1.1	0.1	1970	0	0.0										
1971	70	9.5	0.1	1971	37	-42.0	-1.1	1971	14	-34.2	-2.4									
1972	47	2.7	0.1	1972	29	-24.9	-0.9	1972	6	-16.5	-2.8									
1973	56	-12.9	-0.2	1973	40	-36.4	-0.9	1973	11	-27.7	-2.5									
1974	24	23.3	1.0	1974	6	-4.3	-0.7	1974	1	-2.8	-2.8									
1975	40	23.8	0.6	1975	19	-10.6	-0.6	1975	5	-9.0	-1.8	20 years	39.8	0.6	20 years	18.5	-0.5	20 years	4.0	-2.4
1976	51	20.6	0.4	1976	25	-21.5	-0.9	1976	6	-16.1	-2.7	19 years	39.2	0.6	19 years	18.1	-0.5	19 years	3.9	-2.4
1977	49	16.5	0.3	1977	23	-24.7	-1.1	1977	9	-22.6	-2.5	18 years	38.6	0.7	18 years	17.8	-0.5	18 years	3.6	-2.4
1978	34	35.2	1.0	1978	14	3.2	0.2	1978	1	-1.6	-1.6	17 years	38.9	0.6	17 years	18.1	-0.5	17 years	3.8	-2.4
1979	58	7.7	0.1	1979	33	-30.2	-0.9	1979	12	-29.5	-2.5	16 years	37.7	0.7	16 years	17.1	-0.5	16 years	3.3	-2.4
1980	35	34.1	1.0	1980	11	-1.9	-0.2	1980	0	0.0		15 years	37.9	0.7	15 years	17.5	-0.5	15 years	3.5	-2.4
1981	37	19.6	0.5	1981	19	-7.2	-0.4	1981	2	-3.6	-1.8	14 years	37.9	0.7	14 years	17.4	-0.5	14 years	3.6	-2.5
1982	72	-8.6	-0.1	1982	47	-45.7	-1.0	1982	15	-41.3	-2.8	13 years	35.3	0.7	13 years	15.2	-0.5	13 years	2.7	-2.5
1983	41	19.6	0.5	1983	20	-13.1	-0.7	1983	5	-14.1	-2.8	12 years	34.8	0.7	12 years	14.8	-0.5	12 years	2.5	-2.4
1984	47	36.2	0.8	1984	19	-7.8	-0.4	1984	2	-3.2	-1.6	11 years	33.7	0.7	11 years	14.4	-0.5	11 years	2.5	-2.5
1985	53	35.9	0.7	1985	23	-9.4	-0.4	1985	3	-8.3	-2.8	10 years	31.8	0.7	10 years	13.5	-0.5	10 years	2.5	-2.5
1986	40	15.0	0.4	1986	20	-17.7	-0.9	1986	5	-11.6	-2.3	9 years	30.9	0.8	9 years	12.8	-0.5	9 years	2.2	-2.5
1987	42	7.8	0.2	1987	25	-15.2	-0.6	1987	7	-12.3	-1.8	8 years	29.5	0.9	8 years	11.3	-0.5	8 years	1.6	-2.6
1988	32	31.6	1.0	1988	9	-2.1	-0.2	1988	0	0.0		7 years	29.1	0.8	7 years	11.6	-0.5	7 years	1.9	-2.6
1989	30	20.1	0.7	1989	14	-3.8	-0.3	1989	2	-4.5	-2.3	6 years	29.0	0.9	6 years	11.2	-0.5	6 years	1.8	-2.7
1990	23	21.7	0.9	1990	9	-2.0	-0.2	1990	1	-4.3	-4.3	5 years	30.2	0.9	5 years	11.6	-0.6	5 years	2.0	-2.3
1991	15	17.6	1.2	1991	2	-3.0	-1.5	1991	1	-2.3	-2.3	4 years	34.0	0.8	4 years	14.0	-0.4	4 years	2.3	-2.3
1992	38	27.9	0.7	1992	17	-4.1	-0.2	1992	1	-2.5	-2.5	3 years	32.7	0.8	3 years	13.0	-0.4	3 years	2.7	-2.2
1993	22	24.2	1.1	1993	7	1.0	0.1	1993	0	0.0		2 years	38.0	0.6	2 years	16.0	-0.7	2 years	4.0	-2.2
1994	43	25.4	0.6	1994	16	-15.4	-1.0	1994	6	-13.6	-2.3	1 years	33.0	0.7	1 years	16.0	-0.4	1 years	2.0	-2.2
1995	33	21.7	0.7	1995	16	-5.6	-0.4	1995	2	-4.4	-2.2	0 years	49.0	0.8	0 years	21.0	-0.3	0 years	3.0	-2.1
1996	49	38.1	0.8	1996	21	-7.2	-0.3	1996	3	-6.2	-2.1	1 years	60.0	0.2	1 years	33.0	-0.8	1 years	9.0	-2.9
1997	60																			







10th 3.1	Annual # days below 10th percentile	Annual total C in days below 10th percentile	Annual average C in days below 10th percentile	5th 1.7	Annual # days below 5th percentile	Annual total C in days below 5th percentile	Annual average C in days below 5th percentile	1st -0.6	Annual # days below 1st percentile	Annual total C in days below 1st percentile	Annual average C in days below 1st percentile	Pre and post cumulative averages	AWS 10th percentile average in years pre and post AWS		Pre and post cumulative averages	AWS 5th percentile average in years pre and post AWS		Pre and post cumulative averages	AWS 1st percentile average in years pre and post AWS	
													Av #	Av C		Av #	Av C		Av #	Av C
1910	22	38.0	1.7	1910	13	15.0	1.2	1910	1	-1.6	-1.6									
1911	30	55.9	1.9	1911	13	11.2	0.9	1911	1	-1.1	-1.1									
1912	25	50.4	2.0	1912	9	10.9	1.2	1912	0	0.0	0.0									
1913	34	20.8	0.6	1913	23	-7.1	-0.3	1913	8	-17.3	-2.2									
1914	36	52.7	1.5	1914	16	0.3	0.0	1914	7	-9.5	-1.4									
1915	19	39.9	2.1	1915	6	6.6	1.1	1915	1	-0.6	-0.6									
1916	23	41.6	1.8	1916	11	10.7	1.0	1916	1	-1.1	-1.1									
1917	21	45.1	2.1	1917	6	6.1	1.0	1917	1	-0.6	-0.6									
1918	30	23.1	0.8	1918	25	10.7	0.4	1918	8	-8.5	-1.1									
1919	32	51.5	1.6	1919	18	13.3	0.7	1919	2	-1.5	-0.8									
1920	22	34.1	1.6	1920	16	19.7	1.2	1920	0	0.0	0.0									
1921	28	43.8	1.6	1921	15	10.8	0.7	1921	0	0.0	0.0									
1922	44	78.9	1.8	1922	24	26.1	1.1	1922	1	-0.6	-0.6									
1923	23	38.9	1.7	1923	12	10.4	0.9	1923	0	0.0	0.0									
1924	48	69.7	1.5	1924	27	17.1	0.6	1924	1	-0.6	-0.6									
1925	45	54.7	1.2	1925	24	4.8	0.2	1925	9	-11.1	-1.2									
1926	34	44.5	1.3	1926	20	8.9	0.4	1926	5	-4.6	-0.9									
1927	47	55.2	1.2	1927	28	5.6	0.2	1927	8	-9.8	-1.2									
1928	37	52.0	1.4	1928	23	16.7	0.7	1928	3	-3.0	-1.0									
1929	40	40.8	1.0	1929	29	11.5	0.4	1929	7	-5.8	-0.8									
1930	33	26.3	0.8	1930	22	-1.5	-0.1	1930	8	-13.4	-1.7									
1931	20	30.3	1.5	1931	10	7.0	0.7	1931	1	-1.7	-1.7									
1932	24	42.6	1.8	1932	12	12.6	1.1	1932	0	0.0	0.0									
1933	46	61.5	1.3	1933	27	15.6	0.6	1933	6	-7.2	-1.2									
1934	29	49.2	1.7	1934	17	19.2	1.1	1934	1	-1.7	-1.7									
1935	28	45.9	1.6	1935	15	13.1	0.9	1935	1	-1.1	-1.1									
1936	29	46.1	1.6	1936	14	10.1	0.7	1936	2	-1.2	-0.6									
1937	29	40.3	1.4	1937	17	10.6	0.6	1937	3	-2.3	-0.8									
1938	33	47.6	1.4	1938	18	8.3	0.5	1938	5	-8.3	-1.7									
1939	30	44.5	1.5	1939	16	9.8	0.6	1939	4	-5.1	-1.3									
1940	36	57.3	1.6	1940	22	22.6	1.0	1940	1	-0.6	-0.6									
1941	28	47.6	1.7	1941	17	19.2	1.1	1941	0	0.0	0.0									
1942	23	33.4	1.5	1942	13	7.8	0.6	1942	3	-2.3	-0.8									
1943	39	71.3	1.8	1943	17	12.1	0.7	1943	3	-2.8	-0.9									
1944	48	53.6	1.1	1944	29	5.2	0.2	1944	11	-14.6	-1.3									
1945	33	41.8	1.3	1945	17	1.8	0.1	1945	5	-11.7	-2.3									
1946	41	42.9	1.0	1946	27	7.9	0.3	1946	10	-10.8	-1.1									
1947	22	51.8	2.4	1947	4	5.0	1.3	1947	0	0.0	0.0									
1948	29	57.8	2.0	1948	10	9.4	0.9	1948	2	-1.4	-0.7									
1949	39	70.1	1.8	1949	17	15.7	0.9	1949	2	-1.7	-0.9									
1950	33	53.4	1.6	1950	18	18.0	1.0	1950	2	-1.2	-0.6									
1951	24	37.5	1.6	1951	14	12.5	0.9	1951	1	-1.1	-1.1									
1952	44	38.5	0.9	1952	33	10.7	0.3	1952	13	-13.1	-1.0									
1953	33	50.6	1.5	1953	17	9.4	0.6	1953	3	-3.1	-1.0									
1954	32	48.0	1.5	1954	19	15.2	0.8	1954	4	-2.4	-0.6									
1955	17	23.9	1.4	1955	9	4.5	0.5	1955	1	-1.2	-1.2									
1956	33	65.4	2.0	1956	16	20.8	1.3	1956	0	0.0	0.0									
1957	59	24.7	0.4	1957	41	-18.5	-0.5	1957	21	-36.2	-1.7									
1958	64	56.1	0.9	1958	34	-20.7	-0.6	1958	17	-32.4	-1.9									
1959	53	42.3	0.8	1959	35	-2.7	-0.1	1959	12	-22.2	-1.9									
1960	48	50.4	1.1	1960	33	13.2	0.4	1960	10	-10.1	-1.0									
1961	37	40.2	1.1	1961	26	11.2	0.4	1961	8	-9.7	-1.2									
1962	38	69.5	1.8	1962	12	7.4	0.6	1962	2	-2.8	-1.4									
1963	28	48.9	1.7	1963	9	1.6	0.2	1963	3	-4.5	-1.5									
1964	27	24.3	0.9	1964	18	3.7	0.2	1964	4	-5.1	-1.3									
1965	28	38.1	1.4	1965	17	10.3	0.6	1965	4	-3.9	-1.0									
1966	25	36.7	1.5	1966	15	11.7	0.8	1966	2	-1.7	-0.9									
1967	33	49.9	1.5	1967	18	11.7	0.7	1967	1	-1.7	-1.7									
1968	31	40.7	1.3	1968	17	6.3	0.4	1968	4	-4.0	-1.0									
1969	36	63.2	1.8	1969	14	10.1	0.7	1969	2	-2.1	-1.1									
1970	29	44.6	1.5	1970	13	6.1	0.5	1970	2	-2.5	-1.3									
1971	21	35.7	1.7	1971	11	10.9	1.0	1971	0	0.0	0.0									
1972	33	38.9	1.2	1972	18	1.9	0.1	1972	5	-8.0	-1.6									
1973	27	43.6	1.6	1973	16	14.8	0.9	1973	1	-1.0	-1.0									
1974	20	43.1	2.2	1974	5	4.3	0.9	1974	0	0.0	0.0									
1975	23	34.6	1.5	1975	11	5.6	0.5	1975	2	-1.4	-0.7									
1976	36	48.3	1.3	1976	19	8.3	0.4	1976	5	-7.2	-1.4									
1977	19	33.7	1.8	1977	7	2.7	0.4	1977	1	-2.4	-2.4									
1978	29	54.4	1.9	1978	10	6.5	0.7	1978	2	-1.7	-0.9	20 years	25.7	1.7	20 years	11.7	0.7	20 years	1.6	-1.1
1979	22	29.5	1.3	1979	14	9.6	0.7	1979	1	-1.1	-1.1	19 years	25.5	1.7	19 years	11.7	0.7	19 years	1.5	-1.1
1980	21	40.2	1.9	1980	8	7.5	0.9	1980	1	-0.6	-0.6	18 years	25.7	1.7	18 years	11.6	0.7	18 years	1.6	-1.1
1981	8	11.0	1.4	1981	5	4.1	0.8	1981	0	0.0	0.0	17 years	25.9	1.7	17 years	11.8	0.6	17 years	1.6	-1.2
1982	36	28.0	0.8	1982	21	-6.9	-0.3	1982	8	-17.3	-2.2	16 years	27.1	1.7	16 years	12.3	0.6	16 years	1.7	-1.2
1983	29	45.5	1.6	1983	14	8.3	0.6	1983	1	-1.0	-1.0	15 years	26.5	1.7	15 years	11.7	0.7	15 years	1.3	-1.1
1984	22	39.3	1.8	1984	8	4.3	0.5	1984	1	-0.8	-0.8	14 years	26.3	1.7	14 years	11.5	0.7	14 years	1.3	-1.1
1985	34	45.6	1.3	1985	18	5.5	0.3	1985	2	-3.1	-1.6	13 years	26.6	1.7	13 years	11.8	0.7	13 years	1.3	-1.1
1986	22	43.0	2.0	1986	8	8.2	1.0	1986	1	-0.8	-0.8	12 years	26.0	1.8	12 years	11.3	0.7	12 years	1.3	-1.0
1987	31	60.5	2.0	1987	11	11.6	1.1	1987	0	0.0	0.0	11 years	26.4	1.8	11 years	11.5	0.7	11 years	1.3	-1.1
1988	18	36.6	2.0	1988	4	2.4	0.6	1988	1	-1.0	-1.0	10 years	25.9	1.7	10 years	11.6	0.7	10 years	1.4	-1.1
1989	33	47.8	1.4	1989	18	9.5	0.5	1989	2	-1.5	-0.8	9 years	26.8	1.7	9 years	12.4	0.7	9 years	1.4	-1.1
1990	14	28.4	2.0	1990	4	2.7	0.7	1990	0	0.0	0.0	8 years	26.0	1.7	8 years	11.8	0.7	8 years	1.4	-1.2
1991	11	24.5	2.2	1991	2	2.2	1.1	1991	0	0.0	0.0	7 years	27.7	1.7	7 years	12.9	0.7	7 years	1.6	-1.2
1992	25	34.3	1.4																	



10th 4.0	Annual # days below 10th percentile	Annual total C in days below 10th percentile	Annual average C in days below 10th percentile	5th 2.3	Annual # days below 5th percentile	Annual total C in days below 5th percentile	Annual average C in days below 5th percentile	1st 0.0	Annual # days below 1st percentile	Annual total C in days below 1st percentile	Annual average C in days below 1st percentile	Pre and post cumulative averages	AWS 10th percentile average in years pre and post AWS	Pre and post cumulative averages	AWS 5th percentile average in years pre and post AWS	Pre and post cumulative averages	AWS 1st percentile average in years pre and post AWS			
	Av #	Av C		Av #	Av C		Av #	Av C		Av #	Av C		Av #	Av C		Av #	Av C			
1914	39	80.0	2.1	1914	24	29.3	1.2	1914	2	-2.2	-1.1									
1915	47	74.3	1.6	1915	32	26.2	0.8	1915	9	-5.4	-0.6									
1916	25	63.3	2.5	1916	8	8.1	1.0	1916	1	-0.6	-0.6									
1917	58	79.2	1.4	1917	42	27.1	0.6	1917	12	-14.0	-1.2									
1918	57	83.4	1.5	1918	31	-0.3	-0.0	1918	16	-24.0	-1.5									
1919	58	75.2	1.3	1919	41	20.2	0.5	1919	12	-19.0	-1.6									
1920	26	58.8	2.3	1920	11	11.3	1.0	1920	1	-1.5	-1.5									
1921	18	48.6	2.7	1921	5	8.5	1.7	1921	0	0.0	0.0									
1922	40	64.0	1.6	1922	27	21.9	0.8	1922	6	-1.9	-0.3									
1923	39	85.5	2.2	1923	22	25.6	1.2	1923	4	-1.8	-0.5									
1924	35	63.6	1.8	1924	22	19.1	0.9	1924	8	-1.7	-0.2									
1925	50	88.4	1.8	1925	28	15.7	0.6	1925	10	-7.4	-0.7									
1926	17	46.9	2.8	1926	7	11.8	1.7	1926	0	0.0	0.0									
1927	4	12.8	3.2	1927	1	1.7	1.7	1927	0	0.0	0.0									
1928	8	26.0	3.3	1928	1	2.2	2.2	1928	0	0.0	0.0									
1929	46	95.4	2.1	1929	24	24.0	1.0	1929	6	-2.8	-0.5									
1930	31	64.8	2.1	1930	17	18.6	1.1	1930	4	-3.9	-1.0									
1931	34	59.5	1.8	1931	21	15.6	0.7	1931	8	-4.7	-0.6									
1932	42	74.4	1.8	1932	28	24.3	0.9	1932	7	-7.8	-1.1									
1933	37	67.0	1.8	1933	22	23.6	1.1	1933	2	-0.1	-0.1									
1934	48	90.8	1.9	1934	27	23.4	0.9	1934	5	-4.4	-0.9									
1935	50	74.5	1.5	1935	31	14.3	0.5	1935	9	-9.9	-1.1									
1936	35	61.6	1.8	1936	20	13.3	0.7	1936	5	-3.0	-0.6									
1937	45	77.0	1.7	1937	28	20.6	0.7	1937	7	-9.4	-1.3									
1938	30	75.5	2.5	1938	7	1.6	0.2	1938	3	-5.2	-1.7									
1939	28	75.8	2.7	1939	7	8.8	1.3	1939	1	-2.3	-2.3									
1940	44	56.1	1.3	1940	33	20.2	0.6	1940	11	-9.2	-0.8									
1941	51	98.0	1.9	1941	27	19.3	0.7	1941	9	-5.3	-0.6									
1942	21	60.2	2.9	1942	5	9.8	2.0	1942	0	0.0	0.0									
1943	52	79.7	1.5	1943	34	23.5	0.7	1943	9	-6.5	-0.7									
1944	30	74.3	2.5	1944	13	18.1	1.4	1944	1	-0.2	-0.2									
1945	28	65.5	2.3	1945	11	9.1	0.8	1945	3	-3.9	-1.3									
1946	68	105.8	1.6	1946	42	19.5	0.5	1946	13	-16.2	-1.2									
1947	37	68.2	1.8	1947	20	9.7	0.5	1947	7	-8.7	-1.2									
1948	51	97.3	1.9	1948	27	22.3	0.8	1948	8	-3.1	-0.4									
1949	51	84.4	1.7	1949	30	18.8	0.6	1949	7	-10.0	-1.4									
1950	13	29.0	2.2	1950	8	11.7	1.5	1950	1	-0.2	-0.2									
1951	50	92.1	1.8	1951	27	18.0	0.7	1951	8	-13.8	-1.7									
1952	34	56.3	1.7	1952	20	13.6	0.7	1952	6	-10.1	-1.7									
1953	49	98.5	2.0	1953	30	37.9	1.3	1953	5	-1.7	-0.3									
1954	28	74.4	2.7	1954	9	9.9	1.1	1954	3	-1.2	-0.4									
1955	10	25.4	2.5	1955	5	7.7	1.5	1955	1	0.0	0.0									
1956	34	100.0	2.9	1956	9	14.5	1.6	1956	0	0.0	0.0									
1957	33	71.7	2.2	1957	19	24.5	1.3	1957	3	-0.6	-0.2									
1958	26	60.7	2.3	1958	13	14.5	1.1	1958	3	-2.2	-0.7									
1959	27	82.9	3.1	1959	5	6.1	1.2	1959	1	-1.7	-1.7									
1960	0	0.0		1960	0	0.0		1960	0	0.0										
1961	0	0.0		1961	0	0.0		1961	0	0.0										
1962	30	83.4	2.8	1962	8	9.4	1.2	1962	2	-0.6	-0.3									
1963	28	53.0	1.9	1963	19	21.5	1.1	1963	5	-3.6	-0.7									
1964	28	72.2	2.6	1964	12	19.4	1.6	1964	1	-0.3	-0.3									
1965	29	46.1	1.6	1965	20	16.4	0.8	1965	7	-3.6	-0.5									
1966	33	84.3	2.6	1966	12	14.9	1.2	1966	1	-0.6	-0.6									
1967	27	64.0	2.4	1967	13	18.5	1.4	1967	1	0.0	0.0									
1968	36	83.2	2.3	1968	16	18.2	1.1	1968	3	-3.3	-1.1									
1969	14	44.0	3.1	1969	3	5.1	1.7	1969	0	0.0	0.0									
1970	55	111.9	2.0	1970	31	32.0	1.0	1970	5	-4.8	-1.0									
1971	37	90.4	2.4	1971	17	22.4	1.3	1971	3	-1.6	-0.5									
1972	24	56.2	2.3	1972	10	10.0	1.0	1972	2	-2.2	-1.1									
1973	10	29.8	3.0	1973	2	4.2	2.1	1973	0	0.0	0.0									
1974	37	86.6	2.3	1974	14	15.0	1.1	1974	2	0.0	0.0									
1975	24	71.0	3.0	1975	6	11.0	1.8	1975	0	0.0	0.0									
1976	34	95.3	2.8	1976	8	13.0	1.6	1976	0	0.0	0.0									
1977	42	82.7	2.0	1977	25	27.9	1.1	1977	5	-3.0	-0.6	20 years	26.3	2.5	20 years	11.3	1.3	20 years	1.3	-0.5
1978	30	71.1	2.4	1978	12	12.8	1.1	1978	3	-0.5	-0.2	19 years	25.5	2.5	19 years	10.5	1.3	19 years	1.1	-0.5
1979	32	82.5	2.6	1979	12	17.9	1.5	1979	0	0.0	0.0	18 years	25.2	2.5	18 years	10.4	1.3	18 years	0.9	-0.5
1980	24	60.4	2.5	1980	9	11.0	1.2	1980	2	-0.3	-0.2	17 years	24.8	2.5	17 years	10.4	1.3	17 years	1.0	-0.5
1981	33	82.0	2.5	1981	11	15.0	1.4	1981	1	-0.4	-0.4	16 years	24.9	2.5	16 years	10.4	1.3	16 years	0.9	-0.6
1982	43	73.9	1.7	1982	28	26.0	0.9	1982	3	-2.2	-0.7	15 years	24.3	2.5	15 years	10.4	1.3	15 years	0.9	-0.6
1983	19	55.2	2.9	1983	4	6.5	1.6	1983	0	0.0	0.0	14 years	23.0	2.6	14 years	9.1	1.3	14 years	0.8	-0.6
1984	14	42.5	3.0	1984	2	2.6	1.3	1984	0	0.0	0.0	13 years	23.3	2.5	13 years	9.5	1.3	13 years	0.8	-0.6
1985	29	75.3	2.6	1985	11	15.5	1.4	1985	2	-1.1	-0.6	12 years	24.1	2.5	12 years	10.2	1.3	12 years	0.9	-0.6
1986	26	54.9	2.1	1986	14	14.1	1.0	1986	2	-0.8	-0.4	11 years	23.6	2.5	11 years	10.1	1.3	11 years	0.8	-0.6
1987	30	64.9	2.2	1987	15	16.1	1.1	1987	2	-2.7	-1.4	10 years	23.4	2.5	10 years	9.7	1.3	10 years	0.7	-0.7
1988	16	41.7	2.6	1988	6	9.0	1.5	1988	0	0.0	0.0	9 years	22.7	2.6	9 years	9.1	1.4	9 years	0.6	-0.4
1989	33	76.4	2.3	1989	18	24.0	1.3	1989	3	-1.0	-0.3	8 years	23.5	2.6	8 years	9.5	1.3	8 years	0.6	-0.4
1990	12	28.5	2.4	1990	4	3.1	0.8	1990	1	-1.0	-1.0	7 years	22.1	2.6	7 years	8.3	1.3	7 years	0.3	-0.5
1991	25	61.0	2.4	1991	12	17.1	1.4	1991	0	0.0	0.0	6 years	23.8	2.6	6 years	9.0	1.4	6 years	0.2	0.0
1992	29	77.1	2.7	1992	11	16.3	1.5	1992	0	0.0	0.0	5 years	23.6	2.7	5 years	8.4	1.4	5 years	0.2	0.0
1993	9	22.8	2.5	1993	4	4.9	1.2	1993	0	0.0	0.0	4 years	22.3	2.7	4 years	7.8	1.4	4 years	0.3	0.0
1994	41	102.9	2.5	1994	16	25.3	1.6	1994	0	0.0	0.0	3 years	26.7	2.7	3 years	9.0	1.5	3 years	0.3	0.0
1995	27	71.6	2.7	1995	9	12.4	1.4	1995	1	0.0	0.0	2 years	19.5	2.8	2 years	5.5	1.5	2 years	0.5	0.0
1996	12	35.4	3.0	1996	2	3.1	1.6	1996	0	0.0	0.0	1 years	12.0	3.0	1 years	2.0	1.6	1 years	0.0	
1997	55	66.4	1.2	1997	37	8.3	0.2	1997	17	-16.9	-1.0	0 years	55.0	1.2	0 years	37.0	0.2	0 years	17.0	-1.0
1998	25	52.1	2.1	1998	15	17.2	1.1	1998	2	-2.4	-1.2	1 years	25.0	2.1	1 years	15.0	1.1	1 years	2.0	-1.2
1999	40	90.3	2.3	1999	16	14.9	0.9	1999	3	-1.9	-0.6	2 years	32.5</							



10th 8.0	Annual # days below 10th percentile	Annual total C in days below 10th percentile	Annual average C in days below 10th percentile	5th 7.0	Annual # days below 5th percentile	Annual total C in days below 5th percentile	Annual average C in days below 5th percentile	1st 5.4	Annual # days below 1st percentile	Annual total C in days below 1st percentile	Annual average C in days below 1st percentile	Pre and post cumulative averages		AWS 10th percentile average in years pre and post AWS		Pre and post cumulative averages		AWS 5th percentile average in years pre and post AWS		Pre and post cumulative averages		AWS 1st percentile average in years pre and post AWS	
												Av #	Av C	Av #	Av C	Av #	Av C	Av #	Av C				
1910	28	201.4	7.2	1910	8	50.6	6.3	1910	0	0.0	4.7												
1911	45	297.2	6.6	1911	24	137.0	5.7	1911	9	42.6	4.7												
1912	41	287.5	7.0	1912	16	99.6	6.2	1912	0	0.0													
1913	45	313.8	7.0	1913	23	145.9	6.3	1913	3	15.6	5.2												
1914	28	199.0	7.1	1914	10	62.8	6.3	1914	1	4.1	4.1												
1915	45	321.5	7.1	1915	17	107.6	6.3	1915	1	4.1	4.1												
1916	36	259.1	7.2	1916	13	83.6	6.4	1916	0	0.0													
1917	42	290.2	6.9	1917	19	115.6	6.1	1917	3	15.0	5.0												
1918	62	406.8	6.6	1918	34	196.5	5.8	1918	7	29.8	4.3												
1919	48	300.1	6.3	1919	31	171.6	5.5	1919	14	64.2	4.6												
1920	59	399.2	6.8	1920	31	189.0	6.1	1920	7	33.4	4.8												
1921	46	307.4	6.7	1921	30	184.7	6.2	1921	3	14.5	4.8												
1922	44	294.7	6.7	1922	25	151.0	6.0	1922	5	24.2	4.8												
1923	37	262.4	7.1	1923	13	80.1	6.2	1923	2	10.6	5.3												
1924	53	351.0	6.6	1924	31	185.9	6.0	1924	7	35.0	5.0												
1925	56	384.8	6.9	1925	29	178.6	6.2	1925	3	15.0	5.0												
1926	40	269.5	6.7	1926	23	141.1	6.1	1926	1	5.4	5.4												
1927	78	494.6	6.3	1927	55	319.8	5.8	1927	13	61.1	4.7												
1928	28	192.5	6.9	1928	13	79.6	6.1	1928	3	15.7	5.2												
1929	64	399.5	6.2	1929	44	247.4	5.6	1929	18	82.5	4.6												
1930	34	239.4	7.0	1930	14	88.1	6.3	1930	1	5.1	5.1												
1931	59	382.5	6.5	1931	34	192.9	5.7	1931	15	72.4	4.8												
1932	57	347.0	6.1	1932	42	233.6	5.6	1932	17	75.2	4.4												
1933	52	327.4	6.3	1933	32	177.1	5.5	1933	13	59.7	4.6												
1934	44	307.4	7.0	1934	15	88.7	5.9	1934	5	24.5	4.9												
1935	61	393.3	6.4	1935	38	221.1	5.8	1935	11	50.7	4.6												
1936	58	390.0	6.7	1936	33	200.7	6.1	1936	9	46.6	5.2												
1937	51	351.7	6.9	1937	27	170.6	6.3	1937	3	15.2	5.1												
1938	59	375.0	6.4	1938	40	231.0	5.8	1938	8	32.9	4.1												
1939	48	302.5	6.3	1939	32	183.3	5.7	1939	12	58.5	4.9												
1940	50	345.8	6.9	1940	27	169.1	6.3	1940	1	4.7	4.7												
1941	48	321.0	6.7	1941	25	147.9	5.9	1941	7	33.5	4.8												
1942	31	209.6	6.8	1942	14	81.0	5.8	1942	2	8.3	4.2												
1943	62	398.4	6.4	1943	39	223.3	5.7	1943	13	57.6	4.4												
1944	50	318.1	6.4	1944	35	204.5	5.8	1944	10	47.2	4.7												
1945	42	288.5	6.9	1945	20	120.9	6.0	1945	4	18.6	4.7												
1946	58	401.8	6.9	1946	30	187.8	6.3	1946	3	15.7	5.2												
1947	41	256.1	6.2	1947	29	165.6	5.7	1947	13	62.7	4.8												
1948	58	376.7	6.5	1948	33	189.5	5.7	1948	12	57.2	4.8												
1949	50	330.0	6.6	1949	31	185.9	6.0	1949	7	32.2	4.6												
1950	22	156.2	7.1	1950	8	49.7	6.2	1950	2	10.3	5.2												
1951	40	274.8	6.9	1951	23	144.5	6.3	1951	3	15.9	5.3												
1952	42	286.5	6.8	1952	20	119.3	6.0	1952	7	35.5	5.1												
1953	43	288.4	6.7	1953	22	131.9	6.0	1953	6	29.0	4.8												
1954	46	313.1	6.8	1954	25	154.1	6.2	1954	4	20.4	5.1												
1955	35	237.1	6.8	1955	19	115.2	6.1	1955	4	19.9	5.0												
1956	52	356.6	6.9	1956	26	159.0	6.1	1956	6	30.3	5.1												
1957	45	307.1	6.8	1957	22	134.8	6.1	1957	5	25.0	5.0												
1958	31	202.7	6.5	1958	18	105.1	5.8	1958	7	34.6	4.9												
1959	30	205.8	6.9	1959	15	92.3	6.2	1959	4	20.7	5.2												
1960	45	311.1	6.9	1960	20	121.7	6.1	1960	2	10.0	5.0												
1961	39	263.7	6.8	1961	19	113.3	6.0	1961	4	20.4	5.1												
1962	31	212.3	6.8	1962	14	83.2	5.9	1962	4	20.3	5.1												
1963	40	281.7	7.0	1963	17	106.1	6.2	1963	3	15.4	5.1												
1964	37	251.5	6.8	1964	17	98.1	5.8	1964	4	19.2	4.8												
1965	33	224.0	6.8	1965	20	124.4	6.2	1965	4	20.1	5.0												
1966	48	322.4	6.7	1966	26	156.4	6.0	1966	4	19.7	4.9												
1967	32	225.0	7.0	1967	15	94.6	6.3	1967	2	10.3	5.2												
1968	43	284.5	6.6	1968	28	172.2	6.2	1968	4	17.6	4.4												
1969	37	264.7	7.2	1969	12	77.1	6.4	1969	0	0.0													
1970	55	365.4	6.6	1970	33	199.6	6.0	1970	6	26.2	4.4												
1971	42	272.5	6.5	1971	26	153.1	5.9	1971	6	28.6	4.8												
1972	22	155.4	7.1	1972	10	64.6	6.5	1972	0	0.0													
1973	20	145.5	7.3	1973	6	40.7	6.8	1973	0	0.0													
1974	42	294.6	7.0	1974	18	109.4	6.1	1974	3	13.0	4.3												
1975	27	189.4	7.0	1975	11	68.5	6.2	1975	2	10.3	5.2												
1976	30	215.7	7.2	1976	12	78.7	6.6	1976	0	0.0		20 years	31.9	6.9	20 years	15.6	6.2	20 years	2.6	5.0			
1977	40	267.5	6.7	1977	24	146.6	6.1	1977	4	20.1	5.0	19 years	32.0	6.9	19 years	15.8	6.2	19 years	2.6	5.0			
1978	38	248.2	6.5	1978	23	135.1	5.9	1978	7	32.6	4.7	18 years	31.6	6.9	18 years	15.3	6.2	18 years	2.6	5.0			
1979	36	252.2	7.0	1979	19	122.2	6.4	1979	2	10.7	5.4	17 years	31.2	6.9	17 years	14.9	6.2	17 years	2.3	5.0			
1980	25	176.0	7.0	1980	11	69.5	6.3	1980	1	5.4	5.4	16 years	30.9	6.9	16 years	14.6	6.2	16 years	2.3	5.0			
1981	35	243.6	7.0	1981	14	83.7	6.0	1981	2	8.5	4.3	15 years	31.3	6.9	15 years	14.9	6.2	15 years	2.4	5.0			
1982	44	305.5	6.9	1982	22	136.5	6.2	1982	3	14.3	4.8	14 years	31.0	6.9	14 years	14.9	6.2	14 years	2.4	5.0			
1983	33	213.8	6.5	1983	22	129.4	5.9	1983	5	24.0	4.8	13 years	30.0	6.9	13 years	14.4	6.2	13 years	2.4	5.0			
1984	30	209.4	7.0	1984	11	67.9	6.2	1984	0	0.0		12 years	29.8	7.0	12 years	13.8	6.2	12 years	2.2	5.1			
1985	35	246.3	7.0	1985	16																		



10th 3.0	Annual # days below 10th percentile	Annual total C in days below 10th percentile	Annual average C in days below 10th percentile	5th 1.4	Annual # days below 5th percentile	Annual total C in days below 5th percentile	Annual average C in days below 5th percentile	1st -1.0	Annual # days below 1st percentile	Annual total C in days below 1st percentile	Annual average C in days below 1st percentile	Pre and post cumulative averages	AWS 10th percentile average in years pre and post AWS	Pre and post cumulative averages	AWS 5th percentile average in years pre and post AWS	Pre and post cumulative averages	AWS 1st percentile average in years pre and post AWS			
													Av # Av C		Av # Av C		Av # Av C			
1922	58	62.4	1.1	1922	26	-9.4	-0.4	1922	9	-14.5	-1.6									
1923	48	59.8	1.2	1923	22	5.0	0.2	1923	5	-6.7	-1.3									
1924	56	15.2	0.3	1924	43	-9.6	-0.2	1924	10	-23.3	-2.3									
1925	55	49.3	0.9	1925	29	-8.8	-0.3	1925	9	-15.5	-1.7									
1926	0	0.0		1926	0	0.0		1926	0	0.0										
1927	26	40.8	1.6	1927	10	6.7	0.7	1927	1	-1.1	-1.1									
1928	51	27.9	0.5	1928	31	-14.9	-0.5	1928	9	-21.6	-2.4									
1929	46	42.9	0.9	1929	27	2.8	0.1	1929	5	-6.6	-1.3									
1930	32	40.3	1.3	1930	12	-3.8	-0.3	1930	5	-7.2	-1.4									
1931	47	55.2	1.2	1931	26	5.3	0.2	1931	3	-4.2	-1.4									
1932	31	28.4	0.9	1932	20	4.8	0.2	1932	2	-2.2	-1.1									
1933	38	23.5	0.6	1933	27	1.4	0.1	1933	4	-6.3	-1.6									
1934	37	54.9	1.5	1934	15	5.7	0.4	1934	2	-2.1	-1.1									
1935	47	41.2	0.9	1935	29	0.1	0.0	1935	7	-13.0	-1.9									
1936	51	26.9	0.5	1936	28	-22.1	-0.8	1936	12	-27.7	-2.3									
1937	52	43.2	0.8	1937	30	-9.8	-0.3	1937	9	-16.3	-1.8									
1938	30	45.0	1.5	1938	11	1.7	0.2	1938	3	-4.8	-1.6									
1939	34	40.6	1.2	1939	19	8.3	0.4	1939	2	-4.0	-2.0									
1940	58	61.5	1.1	1940	32	5.9	0.2	1940	3	-3.7	-1.2									
1941	32	48.7	1.5	1941	12	5.9	0.5	1941	1	-1.0	-1.0									
1942	32	64.8	2.0	1942	7	4.0	0.6	1942	0	0.0										
1943	57	71.9	1.3	1943	29	3.5	0.1	1943	6	-7.9	-1.3									
1944	44	55.5	1.3	1944	19	-1.8	-0.1	1944	4	-7.1	-1.8									
1945	25	36.3	1.5	1945	11	3.3	0.3	1945	2	-2.3	-1.2									
1946	57	43.8	0.8	1946	35	-7.2	-0.2	1946	10	-16.2	-1.6									
1947	36	47.7	1.3	1947	17	5.4	0.3	1947	1	-1.7	-1.7									
1948	45	38.8	0.9	1948	24	-7.1	-0.3	1948	7	-14.3	-2.0									
1949	38	44.5	1.2	1949	19	2.1	0.1	1949	4	-4.7	-1.2									
1950	34	51.9	1.5	1950	13	4.0	0.3	1950	0	0.0										
1951	34	51.3	1.5	1951	13	4.9	0.4	1951	0	0.0										
1952	34	47.5	1.4	1952	15	4.5	0.3	1952	1	-2.2	-2.2									
1953	44	37.3	0.8	1953	26	-1.7	-0.1	1953	6	-10.0	-1.7									
1954	48	18.0	0.4	1954	33	-14.9	-0.5	1954	10	-18.8	-1.9									
1955	17	25.7	1.5	1955	6	0.5	0.1	1955	1	-1.7	-1.7									
1956	29	27.9	1.0	1956	16	-3.4	-0.2	1956	4	-7.2	-1.8									
1957	0	0.0		1957	0	0.0		1957	0	0.0										
1958	0	0.0		1958	0	0.0		1958	0	0.0										
1959	0	0.0		1959	0	0.0		1959	0	0.0										
1960	0	0.0		1960	0	0.0		1960	0	0.0										
1961	0	0.0		1961	0	0.0		1961	0	0.0										
1962	26	30.8	1.2	1962	14	2.9	0.2	1962	1	-1.1	-1.1									
1963	27	45.3	1.7	1963	8	3.4	0.4	1963	0	0.0										
1964	28	46.3	1.7	1964	11	6.5	0.6	1964	0	0.0										
1965	27	24.2	0.9	1965	16	-3.7	-0.2	1965	5	-8.0	-1.6									
1966	26	37.6	1.4	1966	9	2.7	0.3	1966	2	-2.2	-1.1									
1967	57	60.4	1.1	1967	32	6.2	0.2	1967	5	-6.8	-1.4									
1968	38	44.8	1.2	1968	23	10.5	0.5	1968	2	-2.3	-1.2									
1969	43	52.3	1.2	1969	26	7.7	0.3	1969	3	-3.7	-1.2									
1970	57	36.1	0.6	1970	33	-20.2	-0.6	1970	12	-22.8	-1.9									
1971	30	41.3	1.4	1971	14	2.7	0.2	1971	3	-3.5	-1.2									
1972	41	42.5	1.0	1972	17	-13.7	-0.8	1972	6	-12.2	-2.0									
1973	19	33.6	1.8	1973	7	3.8	0.5	1973	1	-1.4	-1.4									
1974	30	40.9	1.4	1974	13	0.4	0.0	1974	2	-4.5	-2.3									
1975	52	66.0	1.3	1975	23	-0.8	0.0	1975	9	-14.7	-1.6									
1976	68	24.5	0.4	1976	42	-34.1	-0.8	1976	19	-42.6	-2.2									
1977	45	52.6	1.2	1977	19	-6.3	-0.3	1977	6	-8.6	-1.4	20 years	29.7	1.6	20 years	11.5	0.4	20 years	1.2	-1.5
1978	22	42.7	1.9	1978	5	3.3	0.7	1978	0	0.0		19 years	28.9	1.7	19 years	11.1	0.5	19 years	0.9	-1.5
1979	26	42.0	1.6	1979	13	10.4	0.8	1979	0	0.0		18 years	29.3	1.7	18 years	11.4	0.5	18 years	0.9	-1.5
1980	25	48.4	1.9	1980	7	6.7	1.0	1980	0	0.0		17 years	29.5	1.7	17 years	11.4	0.5	17 years	1.0	-1.5
1981	20	32.1	1.6	1981	6	2.2	0.4	1981	0	0.0		16 years	29.8	1.6	16 years	11.6	0.4	16 years	1.1	-1.5
1982	51	83.3	1.6	1982	19	14.8	0.8	1982	0	0.0		15 years	30.4	1.6	15 years	12.0	0.4	15 years	1.1	-1.5
1983	32	20.5	0.6	1983	22	-3.9	-0.2	1983	6	-9.5	-1.6	14 years	28.9	1.6	14 years	11.5	0.4	14 years	1.2	-1.5
1984	21	42.6	2.0	1984	5	2.7	0.5	1984	0	0.0		13 years	28.7	1.7	13 years	10.7	0.4	13 years	0.8	-1.5
1985	35	53.6	1.5	1985	10	-0.8	-0.1	1985	3	-4.9	-1.6	12 years	29.3	1.7	12 years	11.2	0.4	12 years	0.9	-1.5
1986	18	36.3	2.0	1986	4	1.3	0.3	1986	0	0.0		11 years	28.8	1.7	11 years	11.3	0.5	11 years	0.7	-1.4
1987	24	39.9	1.7	1987	7	3.1	0.4	1987	1	-1.6	-1.6	10 years	29.9	1.7	10 years	12.0	0.5	10 years	0.8	-1.4
1988	21	37.3	1.8	1988	6	2.2	0.4	1988	1	-1.2	-1.2	9 years	30.6	1.7	9 years	12.6	0.5	9 years	0.8	-1.4
1989	40	40.5	1.0	1989	25	7.0	0.3	1989	3	-4.0	-1.3	8 years	31.8	1.7	8 years	13.4	0.5	8 years	0.8	-1.5
1990	29	35.6	1.2	1990	13	-0.6	-0.0	1990	3	-4.8	-1.6	7 years	30.6	1.8	7 years	11.7	0.6	7 years	0.4	-1.6
1991	21	55.1	2.6	1991	0	0.0		1991	0	0.0		6 years	30.8	1.9	6 years	11.5	0.7	6 years	0.0	
1992	41	68.1	1.7	1992	16	10.5	0.7	1992	0	0.0		5 years	32.8	1.7	5 years	13.8	0.7	5 years	0.0	
1993	38	55.3	1.5	1993	18	11.5	0.6	1993	0	0.0		4 years	30.8	1.7	4 years	13.3	0.7	4 years	0.0	
1994	41	48.5	1.2	1994	25	14.2	0.6	1994	0	0.0		3 years	28.3	1.8	3 years	11.7	0.8	3 years	0.0	
1995	18	38.5	2.1	1995	4	3.9	1.0	1995	0	0.0		2 years	22.0	2.1	2 years	5.0	0.8	2 years	0.0	
1996	26	55.5	2.1	1996	6	4.3	0.7	1996	0	0.0		1 years	26.0	2.1	1 years	6.0	0.7	1 years	0.0	
1997	32	12.2	0.4	1997	21	-11.8	-0.6	1997	9	-21.5	-2.4	0 years	32.0	0.4	0 years	21.0	-0.6	0 years	9.0	-2.4
1998	25	43.5	1.7	1998	12	10.6	0.9	1998	0	0.0		1 years	25.0	1.7	1 years	12.0	0.9	1 years	0.0	
1999	42	57.3	1.4	1999	19	5.4	0.3	1999	1	-1.7	-1.7	2 years	33.5	1.6	2 years	15.5	0.6	2 years	0.5	-1.7
2000	27	38.6	1.4	2000	12	1.8	0.2	2000	2	-3.3	-1.7	3 years	31.3	1.5	3 years	14.3	0.4	3 years	1.0	-1.7
2001	19	28.0	1.5	2001	10	5.0	0.5	2001	0	0.0		4 years	28.3	1.5	4 years	13.3	0.5	4 years	0.8	-1.7
2002	48	53.4	1.1	2002	28	5.2	0.2	2002	4	-7.6	-1.9	5 years	32.2	1.4	5 years	16.2	0.4	5 years	1.4	-1.8
2003	25	46.4	1.9	2003	7	3.1	0.4	2003	1	-1.4	-1.4	6 years	31.0	1.5	6 years	14.7	0.4	6 years	1.3	-1.7
2004	33	38.6	1.2	2004	16	-0.6	-0.0	2004	3	-3.6	-1.2	7 years	31.3	1.4	7 years	14.9	0.3	7 years	1.6	-1.6
2005	28	34.2	1.2	2005	13	-1.2	-0.1	2005	2	-3.6	-1.8	8 years	30.9	1.4	8 years	14.6	0.3	8 years	1.6	-1.6
2006	38	38.8	1.0	2006	20	-5.5	-0.3	2006	8	-15.2	-1.9	9 years	31.7	1.4	9 years	15.2	0.2	9 years	2.3	-1.7
2007	52	17.4	0.3	2007	33	-23.0	-0.7													



10th 11.1	Annual # days below 10th percentile	Annual total C in days below 10th percentile	Annual average C in days below 10th percentile	5th 9.4	Annual # days below 5th percentile	Annual total C in days below 5th percentile	Annual average C in days below 5th percentile	1st 6.7	Annual # days below 1st percentile	Annual total C in days below 1st percentile	Annual average C in days below 1st percentile	Pre and post cumulative averages		AWS 10th percentile average in years pre and post AWS		Pre and post cumulative averages		AWS 5th percentile average in years pre and post AWS		Pre and post cumulative averages		AWS 1st percentile average in years pre and post AWS	
												Av #	Av C	Av #	Av C	Av #	Av C	Av #	Av C				
1911	53	454.3	8.6	1911	32	233.5	7.3	1911	12	66.7	5.6												
1912	49	435.4	8.9	1912	33	266.9	8.1	1912	7	44.1	6.3												
1913	73	600.8	8.2	1913	55	412.4	7.5	1913	15	83.6	5.6												
1914	29	250.5	8.6	1914	22	176.5	8.0	1914	4	25.1	6.3												
1915	46	439.9	9.6	1915	20	162.0	8.1	1915	4	23.9	6.0												
1916	34	313.3	9.2	1916	20	166.3	8.3	1916	2	12.2	6.1												
1917	54	486.6	9.0	1917	28	213.8	7.6	1917	7	38.2	5.5												
1918	53	469.3	8.9	1918	29	221.1	7.6	1918	9	52.6	5.8												
1919	51	419.8	8.2	1919	33	231.2	7.0	1919	14	74.0	5.3												
1920	21	196.6	9.4	1920	9	75.8	8.4	1920	0	0.0													
1921	38	323.6	8.5	1921	22	157.6	7.2	1921	8	41.2	5.2												
1922	57	470.7	8.3	1922	37	261.8	7.1	1922	13	72.4	5.6												
1923	63	574.8	9.1	1923	32	257.0	8.0	1923	2	10.7	5.4												
1924	24	222.0	9.3	1924	10	78.4	7.8	1924	2	11.8	5.9												
1925	49	435.0	8.9	1925	30	238.2	7.9	1925	3	18.1	6.0												
1926	60	533.6	8.9	1926	33	257.4	7.8	1926	9	50.2	5.6												
1927	49	407.9	8.3	1927	32	234.9	7.3	1927	10	53.1	5.3												
1928	41	343.2	8.4	1928	32	251.5	7.9	1928	7	44.6	6.4												
1929	81	733.8	9.1	1929	52	428.4	8.2	1929	7	44.6	6.4												
1930	72	664.6	9.2	1930	35	276.6	7.9	1930	6	39.0	6.5												
1931	36	308.5	8.6	1931	27	213.0	7.9	1931	3	15.9	5.3												
1932	59	533.9	9.0	1932	41	340.9	8.3	1932	3	17.8	5.9												
1933	51	445.2	8.7	1933	29	213.6	7.4	1933	7	34.0	4.9												
1934	53	515.3	9.7	1934	19	162.2	8.5	1934	0	0.0													
1935	51	459.6	9.0	1935	33	269.2	8.2	1935	4	26.2	6.6												
1936	43	374.9	8.7	1936	21	142.8	6.8	1936	11	58.1	5.3												
1937	47	409.8	8.7	1937	31	245.2	7.9	1937	6	30.9	5.2												
1938	41	383.6	9.4	1938	19	146.4	7.7	1938	5	26.7	5.3												
1939	55	460.2	8.4	1939	41	310.7	7.6	1939	13	75.8	5.8												
1940	50	463.9	9.3	1940	23	177.5	7.7	1940	7	39.5	5.6												
1941	72	641.2	8.9	1941	42	328.4	7.8	1941	9	53.4	5.9												
1942	22	203.5	9.3	1942	11	90.2	8.2	1942	2	13.3	6.7												
1943	52	474.0	9.1	1943	25	190.5	7.6	1943	8	49.6	6.2												
1944	43	403.9	9.4	1944	22	184.9	8.4	1944	4	26.8	6.7												
1945	29	250.6	8.6	1945	19	146.9	7.7	1945	5	29.2	5.8												
1946	49	411.2	8.4	1946	31	226.3	7.3	1946	11	63.5	5.8												
1947	20	197.1	9.9	1947	6	52.4	8.7	1947	0	0.0													
1948	42	383.3	9.1	1948	28	233.6	8.3	1948	3	16.2	5.4												
1949	64	557.8	8.7	1949	38	281.4	7.4	1949	15	87.3	5.8												
1950	50	463.6	9.3	1950	29	240.9	8.3	1950	0	0.0													
1951	43	389.3	9.1	1951	27	218.8	8.1	1951	4	21.8	5.5												
1952	49	436.9	8.9	1952	30	239.1	8.0	1952	5	31.7	6.3												
1953	57	544.4	9.6	1953	27	225.7	8.4	1953	4	26.8	6.7												
1954	42	383.4	9.1	1954	23	181.0	7.9	1954	3	16.2	5.4												
1955	22	217.8	9.9	1955	8	67.7	8.5	1955	0	0.0													
1956	51	482.1	9.5	1956	28	234.6	8.4	1956	3	16.7	5.6												
1957	49	438.9	9.0	1957	30	237.6	7.9	1957	5	29.6	5.9												
1958	38	360.5	9.5	1958	16	130.3	8.1	1958	2	12.2	6.1												
1959	33	316.7	9.6	1959	14	116.0	8.3	1959	2	12.8	6.4												
1960	59	532.7	9.0	1960	35	278.5	8.0	1960	6	34.5	5.8												
1961	52	467.7	9.0	1961	28	219.5	7.8	1961	7	44.1	6.3												
1962	48	470.9	9.8	1962	18	157.8	8.8	1962	0	0.0													
1963	41	355.0	8.7	1963	24	177.3	7.4	1963	9	51.4	5.7												
1964	40	381.7	9.5	1964	15	118.4	7.9	1964	3	15.6	5.2												
1965	38	307.3	8.1	1965	27	191.4	7.1	1965	11	62.3	5.7												
1966	56	520.1	9.3	1966	30	245.3	8.2	1966	2	11.8	5.9												
1967	65	541.4	8.3	1967	47	354.1	7.5	1967	14	84.8	6.1												
1968	53	448.3	8.5	1968	36	270.8	7.5	1968	8	40.2	5.0												
1969	41	356.6	8.7	1969	21	148.3	7.1	1969	8	42.1	5.3												
1970	31	292.0	9.4	1970	13	103.8	8.0	1970	2	13.3	6.7												
1971	36	323.2	9.0	1971	22	180.0	8.2	1971	3	19.1	6.4												
1972	25	233.7	9.3	1972	12	98.2	8.2	1972	1	6.3	6.3												
1973	14	136.9	9.8	1973	5	45.1	9.0	1973	0	0.0													
1974	48	417.2	8.7	1974	31	241.5	7.8	1974	5	29.3	5.9	20 years	30.9	9.5	20 years	12.7	8.3	20 years	1.5	6.1			
1975	28	265.9	9.5	1975	12	97.4	8.1	1975	1	6.6	6.6	19 years	29.8	9.5	19 years	12.4	8.3	19 years	1.3	6.1			
1976	50	469.2	9.4	1976	18	137.3	7.6	1976	4	25.6	6.4	18 years	28.4	9.6	18 years	11.3	8.3	18 years	1.1	6.1			
1977	55	481.8	8.8	1977	32	245.0	7.7	1977	5	30.3	6.1	17 years	27.5	9.6	17 years	10.8	8.4	17 years	0.8	6.1			
1978	44	409.0	9.3	1978	20	153.0	7.7	1978	6	35.9	6.0	16 years	28.2	9.6	16 years	10.9	8.4	16 years	0.9	6.1			
1979	17	159.3	9.4	1979	9	75.9	8.4	1979	0	0.0		15 years	28.7	9.6	15 years	11.5	8.3	15 years	0.9	6.1			
1980	20	203.5	10.2	1980	3	25.6	8.5	1980	0	0.0		14 years	29.4	9.5	14 years	12.0	8.4	14 years	0.9	6.1			
1981	19	187.4	9.9	1981	4	31.6	7.9	1981	1	5.8	5.8	13 years	28.8	9.5	13 years	11.5	8.4	13 years	0.9	6.1			
1982	38	359.6	9.5	1982	18	150.8	8.4	1982	1	6.1	6.1	12 years	27.8	9.5	12 years	11.6	8.4	12 years	0.8	6.2			
1983	40	384.8	9.6	1983	11	85.6	7.8	1983	3	17.7	5.9	11 years	27.5	9.6	11 years	11.4	8.5	11 years	0.5	6.3			
1984	31	285.0	9.2	1984	14	110.4	7.9	1984	3	17.8	5.9	10 years	26.5	9.6	10 years	10.6	8.5	10 years	0.5	6.2			
1985	38	354.4	9.3	1985	19	157.7	8.3	1985	1	6.5	6.5	9 years	27.0	9.7									







10th 4.9	Annual # days below 10th percentile	Annual total C in days below 10th percentile	Annual average C in days below 10th percentile	5th 3.3	Annual # days below 5th percentile	Annual total C in days below 5th percentile	Annual average C in days below 5th percentile	1st 1.1	Annual # days below 1st percentile	Annual total C in days below 1st percentile	Annual average C in days below 1st percentile	Pre and post cumulative averages	AWS 10th percentile average in years pre and post AWS		Pre and post cumulative averages	AWS 5th percentile average in years pre and post AWS		Pre and post cumulative averages	AWS 1st percentile average in years pre and post AWS		
													Av #	Av C		Av #	Av C		Av #	Av C	
1910	18	52.7	2.9	1910	9	15.6	1.7	1910	5	2.9	0.6										
1911	27	59.7	2.2	1911	22	39.2	1.8	1911	4	-2.7	-0.7										
1912	21	70.8	3.4	1912	11	28.8	2.6	1912	1	1.1	1.1										
1913	46	162.1	3.5	1913	21	58.1	2.8	1913	0	0.0	0.0										
1914	20	67.0	3.4	1914	12	33.8	2.8	1914	0	0.0	0.0										
1915	22	86.7	3.9	1915	6	19.3	3.2	1915	0	0.0	0.0										
1916	15	60.1	4.0	1916	4	12.7	3.2	1916	0	0.0	0.0										
1917	38	125.6	3.3	1917	15	28.4	1.9	1917	4	0.6	0.2										
1918	41	126.8	3.1	1918	23	50.6	2.2	1918	4	1.7	0.4										
1919	41	108.5	2.6	1919	26	46.0	1.8	1919	10	2.9	0.3										
1920	31	108.6	3.5	1920	14	39.3	2.8	1920	0	0.0	0.0										
1921	31	92.4	3.0	1921	19	42.1	2.2	1921	4	2.8	0.7										
1922	52	136.5	2.6	1922	33	58.4	1.8	1922	11	6.7	0.6										
1923	32	96.8	3.0	1923	21	51.4	2.4	1923	2	1.7	0.9										
1924	49	134.5	2.7	1924	31	59.8	1.9	1924	13	6.7	0.5										
1925	67	189.3	2.8	1925	44	91.6	2.1	1925	10	5.6	0.6										
1926	35	111.7	3.2	1926	20	48.2	2.4	1926	4	0.6	0.2										
1927	62	152.2	2.5	1927	46	84.8	1.8	1927	12	3.5	0.3										
1928	26	60.2	2.3	1928	20	35.8	1.8	1928	7	3.4	0.5										
1929	65	183.2	2.8	1929	44	93.8	2.1	1929	12	11.6	1.0										
1930	33	115.5	3.5	1930	17	48.1	2.8	1930	0	0.0	0.0										
1931	102	236.3	2.3	1931	78	135.6	1.7	1931	29	12.4	0.4										
1932	50	113.1	2.3	1932	38	62.6	1.6	1932	15	6.7	0.4										
1933	46	141.1	3.1	1933	27	59.5	2.2	1933	6	3.7	0.6										
1934	52	174.7	3.4	1934	24	58.5	2.4	1934	4	3.4	0.9										
1935	57	183.2	3.2	1935	26	55.2	2.1	1935	7	5.3	0.8										
1936	44	142.8	3.2	1936	20	41.3	2.1	1936	5	3.3	0.7										
1937	51	150.1	2.9	1937	32	72.1	2.3	1937	4	1.5	0.4										
1938	31	101.6	3.3	1938	17	42.5	2.5	1938	1	1.1	1.1										
1939	51	161.6	3.2	1939	26	55.6	2.1	1939	6	3.4	0.6										
1940	43	163.8	3.8	1940	16	47.0	2.9	1940	1	1.1	1.1										
1941	28	86.7	3.1	1941	18	45.2	2.5	1941	2	1.1	0.6										
1942	0	0.0		1942	0	0.0		1942	0	0.0											
1943	0	0.0		1943	0	0.0		1943	0	0.0											
1944	0	0.0		1944	0	0.0		1944	0	0.0											
1945	0	0.0		1945	0	0.0		1945	0	0.0											
1946	0	0.0		1946	0	0.0		1946	0	0.0											
1947	0	0.0		1947	0	0.0		1947	0	0.0											
1948	0	0.0		1948	0	0.0		1948	0	0.0											
1949	0	0.0		1949	0	0.0		1949	0	0.0											
1950	12	51.2	4.3	1950	1	3.3	3.3	1950	0	0.0											
1951	16	66.7	4.2	1951	2	6.6	3.3	1951	0	0.0											
1952	10	33.3	3.3	1952	7	20.6	2.9	1952	0	0.0											
1953	34	100.1	2.9	1953	19	38.6	2.0	1953	7	3.8	0.5										
1954	25	80.2	3.2	1954	13	29.9	2.3	1954	3	1.7	0.6										
1955	39	110.3	2.8	1955	25	51.2	2.0	1955	5	0.6	0.1										
1956	46	144.2	3.1	1956	28	68.0	2.4	1956	4	3.4	0.9										
1957	34	106.8	3.1	1957	21	52.1	2.5	1957	4	2.3	0.6										
1958	38	97.2	2.6	1958	27	49.3	1.8	1958	12	5.1	0.4										
1959	28	91.1	3.3	1959	15	36.4	2.4	1959	3	0.0	0.0										
1960	45	136.2	3.0	1960	26	56.6	2.2	1960	8	5.0	0.6										
1961	35	106.1	3.0	1961	22	50.6	2.3	1961	3	2.3	0.8										
1962	26	86.3	3.3	1962	15	40.4	2.7	1962	2	2.2	1.1										
1963	31	80.4	2.6	1963	20	36.0	1.8	1963	9	7.8	0.9										
1964	28	74.7	2.7	1964	19	36.7	1.9	1964	6	1.1	0.2										
1965	32	89.7	2.8	1965	21	43.3	2.1	1965	5	2.8	0.6										
1966	39	124.5	3.2	1966	23	57.6	2.5	1966	4	2.4	0.6										
1967	37	129.5	3.5	1967	18	51.2	2.8	1967	0	0.0											
1968	37	111.3	3.0	1968	17	30.0	1.8	1968	6	1.4	0.2										
1969	34	117.5	3.5	1969	15	38.5	2.6	1969	0	0.0											
1970	43	126.9	3.0	1970	24	47.5	2.0	1970	7	5.0	0.7										
1971	53	142.9	2.7	1971	34	62.5	1.8	1971	9	3.5	0.4										
1972	30	110.6	3.7	1972	11	30.6	2.8	1972	0	0.0											
1973	14	55.1	3.9	1973	1	2.0	2.0	1973	0	0.0											
1974	40	110.0	2.8	1974	21	33.6	1.6	1974	7	2.7	0.4										
1975	34	103.3	3.0	1975	18	40.6	2.3	1975	1	1.0	1.0										
1976	62	175.4	2.8	1976	31	52.7	1.7	1976	11	3.5	0.3										
1977	57	141.2	2.5	1977	33	41.8	1.3	1977	14	-3.5	-0.3	20 years	37.6	3.1	20 years	18.8	1.9	20 years	5.0	0.4	
1978	46	134.1	2.9	1978	24	44.0	1.8	1978	3	-1.3	-0.4	19 years	36.5	3.1	19 years	18.0	2.0	19 years	4.5	0.4	
1979	44	139.4	3.2	1979	24	53.9	2.2	1979	2	-0.1	-0.1	18 years	36.0	3.1	18 years	17.7	2.0	18 years	4.6	0.5	
1980	39	132.9	3.4	1980	15	34.8	2.3	1980	1	0.5	0.5	17 years	35.5	3.1	17 years	17.3	2.0	17 years	4.8	0.5	
1981	39	112.1	2.9	1981	19	29.4	1.5	1981	7	2.4	0.3	16 years	35.3	3.1	16 years	17.4	2.0	16 years	5.0	0.5	
1982	64	132.7	2.1	1982	39	32.3	0.8	1982	23	-4.6	-0.2	15 years	35.1	3.1	15 years	17.3	2.0	15 years	4.9	0.5	
1983	34	76.6	2.3	1983	21	24.4	1.2	1983	11	2.3	0.2	14 years	33.0	3.2	14 years	15.8	2.1	14 years	3.6	0.6	
1984	41	149.4	3.6	1984	13	28.5	2.2	1984	0	0.0		13 years	32.9	3.3	13 years	15.4	2.1	13 years	3.0	0.6	
1985	46	135.0	2.9	1985	24	43.5	1.8	1985	7	2.3	0.3	12 years	32.3	3.2	12 years	15.6	2.1	12 years	3.3	0.6	
1986	33	97.7	3.0	1986	18	33.0	1.8	1986	5	2.9	0.6	11 years	31.0	3.2	11 years	14.8	2.2	11 years	2.9	0.6	
1987	42	128.4	3.1	1987	24	52.1	2.2	1987	3	2.6	0.9	10 years	30.8	3.3	10 years	14.5	2.2	10 years	2.7	0.6	
1988	27	102.8	3.8	1988	6	14.9	2.5	1988	0	0.0		9 years	29.6	3.3	9 years	13.4	2.2	9 years	2.7	0.6	
1989	40	119.9	3.0	1989	21	43.0	2.0	1989	4	2.3	0.6	8 years	29.9	3.2	8 years	14.4	2.2	8 years	3.0	0.6	
1990	27	85.7	3.2	1990	14	33.2	2.4	1990	2	1.4	0.7	7 years	28.4	3.3	7 years	13.4	2.2	7 years	2.9	0.6	
1991	19	69.2	3.6	1991	7	16.8	2.4	1991	1	0.9	0.9	6 years	28.7	3.3	6 years	13.3	2.1	6 years	3.0	0.6	



10th 13.1	Annual # days below 10th percentile	Annual total C in days below 10th percentile	Annual average C in days below 10th percentile	5th 11.1	Annual # days below 5th percentile	Annual total C in days below 5th percentile	Annual average C in days below 5th percentile	1st 7.8	Annual # days below 1st percentile	Annual total C in days below 1st percentile	Annual average C in days below 1st percentile	Pre and post cumulative averages	AWS 10th percentile average in years pre and post AWS	Pre and post cumulative averages	AWS 5th percentile average in years pre and post AWS	Pre and post cumulative averages	AWS 1st percentile average in years pre and post AWS
													Av # Av C		Av # Av C		Av # Av C
1941	88	807.5	9.2	1941	65	529.2	8.1	1941	22	115.1	5.2						
1942	24	240.6	10.0	1942	15	127.6	8.5	1942	7	46.8	6.7						
1943	23	245.4	10.7	1943	11	96.7	8.8	1943	3	18.3	6.1						
1944	41	455.1	11.1	1944	20	196.3	9.8	1944	1	6.6	6.6						
1945	26	299.2	11.5	1945	10	100.6	10.1	1945	0	0.0							
1946	62	666.2	10.7	1946	29	258.8	8.9	1946	9	64.2	7.1						
1947	22	257.2	11.7	1947	6	60.9	10.2	1947	0	0.0							
1948	36	403.3	11.2	1948	12	112.6	9.4	1948	1	5.6	5.6						
1949	63	610.7	9.7	1949	44	374.4	8.5	1949	15	93.0	6.2						
1950	43	454.1	10.6	1950	23	213.2	9.3	1950	4	27.3	6.8						
1951	56	582.8	10.4	1951	34	312.1	9.2	1951	10	72.3	7.2						
1952	50	545.0	10.9	1952	22	205.1	9.3	1952	3	22.4	7.5						
1953	60	624.9	10.4	1953	35	321.4	9.2	1953	6	43.6	7.3						
1954	31	343.2	11.1	1954	17	171.7	10.1	1954	0	0.0							
1955	26	300.1	11.5	1955	11	111.7	10.2	1955	0	0.0							
1956	44	461.8	10.5	1956	24	218.2	9.1	1956	4	27.4	6.9						
1957	25	261.6	10.5	1957	15	138.8	9.3	1957	5	35.0	7.0						
1958	31	350.0	11.3	1958	10	93.0	9.3	1958	1	7.0	7.0						
1959	50	508.3	10.2	1959	30	262.7	8.8	1959	9	58.4	6.5						
1960	55	547.0	9.9	1960	34	287.4	8.5	1960	12	79.6	6.6						
1961	64	703.3	11.0	1961	28	263.8	9.4	1961	3	20.8	6.9						
1962	29	313.8	10.8	1962	15	142.8	9.5	1962	2	15.1	7.6						
1963	49	491.4	10.0	1963	28	237.1	8.5	1963	8	51.2	6.4						
1964	28	300.1	10.7	1964	15	143.2	9.5	1964	0	0.0							
1965	47	491.0	10.4	1965	26	234.2	9.0	1965	7	47.1	6.7						
1966	36	389.7	10.8	1966	17	156.5	9.2	1966	6	42.4	7.1						
1967	37	394.2	10.7	1967	20	185.8	9.3	1967	4	29.0	7.3						
1968	40	422.6	10.6	1968	24	227.3	9.5	1968	3	19.9	6.6						
1969	20	230.1	11.5	1969	8	80.7	10.1	1969	1	7.7	7.7						
1970	33	365.7	11.1	1970	14	134.0	9.6	1970	1	6.8	6.8						
1971	45	495.9	11.0	1971	19	176.0	9.3	1971	3	20.4	6.8						
1972	50	528.9	10.6	1972	25	226.1	9.0	1972	5	34.8	7.0						
1973	7	81.9	11.7	1973	2	21.4	10.7	1973	0	0.0							
1974	53	553.4	10.4	1974	30	274.1	9.1	1974	7	47.0	6.7						
1975	23	257.8	11.2	1975	10	94.2	9.4	1975	1	4.6	4.6						
1976	59	582.7	9.9	1976	35	292.6	8.4	1976	13	85.3	6.6	20 years	36.7 10.6	20 years	18.6 9.1	20 years	3.8 6.6
1977	55	594.9	10.8	1977	26	243.2	9.4	1977	3	20.4	6.8	19 years	35.5 10.7	19 years	17.7 9.2	19 years	3.3 6.7
1978	44	487.2	11.1	1978	19	185.8	9.8	1978	3	21.2	7.1	18 years	34.4 10.7	18 years	17.2 9.1	18 years	3.3 6.6
1979	33	353.4	10.7	1979	13	113.6	8.7	1979	3	16.5	5.5	17 years	33.8 10.7	17 years	17.1 9.1	17 years	3.3 6.6
1980	25	270.4	10.8	1980	14	132.0	9.4	1980	1	7.3	7.3	16 years	33.9 10.6	16 years	17.4 9.1	16 years	3.3 6.7
1981	34	381.2	11.2	1981	15	146.9	9.8	1981	0	0.0		15 years	34.5 10.6	15 years	17.6 9.1	15 years	3.5 6.6
1982	52	511.4	9.8	1982	35	302.2	8.6	1982	9	55.2	6.1	14 years	34.5 10.6	14 years	17.8 9.1	14 years	3.7 6.6
1983	21	234.2	11.2	1983	9	86.8	9.6	1983	1	5.7	5.7	13 years	33.2 10.7	13 years	16.5 9.1	13 years	3.3 6.7
1984	31	303.9	9.8	1984	18	146.0	8.1	1984	8	50.3	6.3	12 years	34.2 10.6	12 years	17.1 9.0	12 years	3.5 6.8
1985	45	471.0	10.5	1985	24	212.8	8.9	1985	6	38.3	6.4	11 years	34.5 10.7	11 years	17.0 9.1	11 years	3.1 6.8
1986	20	203.2	10.2	1986	12	104.0	8.7	1986	3	20.2	6.7	10 years	33.4 10.7	10 years	16.3 9.2	10 years	2.8 6.9
1987	27	290.5	10.8	1987	13	120.7	9.3	1987	3	21.3	7.1	9 years	34.9 10.8	9 years	16.8 9.2	9 years	2.8 6.9
1988	27	303.3	11.2	1988	10	97.6	9.8	1988	0	0.0		8 years	35.9 10.8	8 years	17.3 9.2	8 years	2.8 6.9
1989	31	336.2	10.8	1989	14	128.0	9.1	1989	2	14.5	7.3	7 years	37.1 10.7	7 years	18.3 9.1	7 years	3.1 6.9
1990	41	434.2	10.6	1990	22	202.3	9.2	1990	2	13.8	6.9	6 years	38.2 10.7	6 years	19.0 9.1	6 years	3.3 6.8
1991	47	491.1	10.4	1991	24	212.8	8.9	1991	6	38.9	6.5	5 years	37.6 10.7	5 years	18.4 9.1	5 years	3.6 6.8
1992	34	347.9	10.2	1992	19	166.4	8.8	1992	5	35.4	7.1	4 years	35.3 10.8	4 years	17.0 9.2	4 years	3.0 6.9
1993	27	309.1	11.4	1993	7	65.0	9.3	1993	2	14.5	7.3	3 years	35.7 10.9	3 years	16.3 9.3	3 years	2.3 6.8
1994	47	515.0	11.0	1994	25	245.2	9.8	1994	2	14.1	7.1	2 years	40.0 10.7	2 years	21.0 9.3	2 years	2.5 6.5
1995	33	344.0	10.4	1995	17	149.3	8.8	1995	3	18.1	6.0	1 years	33.0 10.4	1 years	17.0 8.8	1 years	3.0 6.0
1996	52	562.5	10.8	1996	24	216.4	9.0	1996	7	47.4	6.8	0 years	52.0 10.8	0 years	24.0 9.0	0 years	7.0 6.8
1997	39	439.5	11.3	1997	16	156.5	9.8	1997	0	0.0		1 years	39.0 11.3	1 years	16.0 9.8	1 years	0.0
1998	14	148.2	10.6	1998	10	97.7	9.8	1998	1	7.1	7.1	2 years	26.5 10.9	2 years	13.0 9.8	2 years	0.5 7.1
1999	44	487.3	11.1	1999	22	217.4	9.9	1999	1	7.3	7.3	3 years	32.3 11.0	3 years	16.0 9.8	3 years	0.7 7.2
2000	49	515.0	10.5	2000	24	206.3	8.6	2000	11	79.5	7.2	4 years	36.5 10.9	4 years	18.0 9.5	4 years	3.3 7.2
2001	47	513.5	10.9	2001	19	173.9	9.2	2001	3	21.8	7.3	5 years	38.6 10.9	5 years	18.2 9.4	5 years	3.2 7.2
2002	41	456.5	11.1	2002	16	147.0	9.2	2002	3	21.2	7.1	6 years	39.0 10.9	6 years	17.8 9.4	6 years	3.2 7.2
2003	23	257.8	11.2	2003	7	61.5	8.8	2003	2	11.9	6.0	7 years	36.7 11.0	7 years	16.3 9.3	7 years	3.0 7.0
2004	44	453.0	10.3	2004	27	244.0	9.0	2004	6	39.6	6.6	8 years	37.6 10.9	8 years	17.6 9.3	8 years	3.4 6.9
2005	20	228.0	11.4	2005	7	68.3	9.8	2005	1	7.8	7.8	9 years	35.7 10.9	9 years	16.4 9.3	9 years	3.1 7.0
2006	35	389.6	11.1	2006	16	156.6	9.8	2006	0	0.0		10 years	35.6 11.0	10 years	16.4 9.4	10 years	2.8 7.0
2007	39	378.2	9.7	2007	28	248.0	8.9	2007	8	57.7	7.2	11 years	35.9 10.8	11 years	17.5 9.3	11 years	3.3 7.1
2008	37	386.2	10.4	2008	24	229.5	9.6	2008	4	28.3	7.1	12 years	36.0 10.8	12 years	18.0 9.3	12 years	3.3 7.1
2009	39	435.9	11.2	2009	15	141.7	9.4	2009	2	13.6	6.8	13 years	36.2 10.8	13 years	17.8 9.4	13 years	3.2 7.0
2010	13	145.5	11.2	2010	6	58.0	9.7	2010	1	6.8	6.8	14 years	34.6 10.9	14 years	16.9 9.4	14 years	3.1 7.0
2011	76	823.9	10.8	2011	38	364.4	9.6	2011	2	14.0	7.0	15 years	37.3 10.9	15 years	18.3 9.4	15 years	3.0 7.0
2012	39	407.6	10.5	2012	26	250.6	9.6	2012	2	13.6	6.8	16 years	37.4 10.8	16 years	18.8 9.4	16 years	2.9 7.0
2013	25	282.3	11.3	2013	12	127.6	10.6	2013	0	0.0		17 years	36.7 10.9	17 years	18.4 9.5	17 years	2.8 7.0
2014	29	318.3	11.0	2014	14	135.8	9.7	2014	1	7.3	7.3	18 years	36.3 10.9	18 years	18.2 9.5	18 years	2.7 7.0
2015	24	256.3	10.7	2015	11	96.0	8.7	2015	3	21.7	7.2	19 years	35.6 10.9	19 years	17.8 9.5	19 years	2.7 7.0
2016	12	142.2	11.9	2016	3	32.4	10.8	2016	0	0.0		20 years	34.5 10.9	20 years	17.1 9.5	20 years	2.6 7.0
2017	16	184.0	11.5	2017	6	58.7	9.8	2017	0	0.0							
2018	30	317.0	10.6	2018	17	158.0	9.3	2018	3	20.4	6.8						
2019	43	461.9	10.7	2019	22	203.4	9.2	2019	3	22.9	7.6						
2020	30	320.8	10.7	2020	16	151.7	9.5	2020	2	13.5	6.8						
2021	17	191.3	11.3	2021	6	57.7	9.6	2021	0	0.0							







10th 1.3	Annual # days below 10th percentile	Annual total C in days below 10th percentile	Annual average C in days below 10th percentile	5th -0.1	Annual # days below 5th percentile	Annual total C in days below 5th percentile	Annual average C in days below 5th percentile	1st -2.3	Annual # days below 1st percentile	Annual total C in days below 1st percentile	Annual average C in days below 1st percentile	Pre and post cumulative averages		AWS 10th percentile average in years pre and post AWS		Pre and post cumulative averages		AWS 5th percentile average in years pre and post AWS		Pre and post cumulative averages		AWS 1st percentile average in years pre and post AWS	
												Av #	Av C	Av #	Av C	Av #	Av C	Av #	Av C				
1910	14	0.8	0.1	1910	3	-5.6	-1.9	1910	1	-3.9	-3.9												
1911	25	-9.3	-0.4	1911	12	-14.4	-1.2	1911	0	0.0	0.0												
1912	31	-5.2	-0.2	1912	14	-14.7	-1.1	1912	0	0.0	0.0												
1913	40	-15.1	-0.4	1913	22	-25.1	-1.1	1913	1	-3.3	-3.3												
1914	47	-18.6	-0.4	1914	25	-30.3	-1.2	1914	1	-2.3	-2.3												
1915	27	8.7	0.3	1915	6	-4.8	-0.8	1915	0	0.0	0.0												
1916	28	-6.1	-0.2	1916	12	-16.8	-1.4	1916	1	-3.3	-3.3												
1917	21	-3.1	-0.1	1917	7	-10.1	-1.4	1917	0	0.0	0.0												
1918	62	-125.4	-2.0	1918	40	-145.6	-3.6	1918	27	-128.2	-4.7												
1919	39	-19.8	-0.5	1919	23	-31.0	-1.3	1919	1	-2.8	-2.8												
1920	25	-8.7	-0.3	1920	12	-17.0	-1.4	1920	1	-2.8	-2.8												
1921	37	-9.7	-0.3	1921	16	-19.1	-1.2	1921	0	0.0	0.0												
1922	26	-11.7	-0.5	1922	13	-19.5	-1.5	1922	2	-5.9	-3.0												
1923	16	11.1	0.7	1923	1	-0.6	-0.6	1923	0	0.0	0.0												
1924	45	-20.9	-0.5	1924	24	-34.5	-1.4	1924	2	-5.8	-2.9												
1925	14	-2.0	-0.1	1925	7	-6.5	-0.9	1925	0	0.0	0.0												
1926	22	-1.8	-0.1	1926	8	-8.5	-1.1	1926	0	0.0	0.0												
1927	55	-33.0	-0.6	1927	32	-49.3	-1.5	1927	4	-13.5	-3.4												
1928	43	-19.9	-0.5	1928	24	-31.0	-1.3	1928	4	-10.6	-2.7												
1929	49	-59.4	-1.2	1929	29	-70.0	-2.4	1929	14	-49.2	-3.5												
1930	22	-0.8	-0.0	1930	10	-7.9	-0.8	1930	0	0.0	0.0												
1931	12	8.0	0.7	1931	1	-1.1	-1.1	1931	0	0.0	0.0												
1932	29	-17.4	-0.6	1932	15	-26.7	-1.8	1932	3	-10.3	-3.4												
1933	29	-4.4	-0.2	1933	15	-12.8	-0.9	1933	0	0.0	0.0												
1934	22	7.1	0.3	1934	6	-5.5	-0.9	1934	0	0.0	0.0												
1935	21	-8.0	-0.4	1935	7	-15.4	-2.2	1935	2	-5.1	-2.6												
1936	18	-1.5	-0.1	1936	8	-9.8	-1.2	1936	0	0.0	0.0												
1937	39	-17.4	-0.4	1937	19	-30.4	-1.6	1937	5	-15.7	-3.1												
1938	27	-15.6	-0.6	1938	18	-21.8	-1.2	1938	1	-2.4	-2.4												
1939	21	-6.4	-0.3	1939	11	-12.7	-1.2	1939	0	0.0	0.0												
1940	61	-10.2	-0.2	1940	29	-29.8	-1.0	1940	0	0.0	0.0												
1941	33	4.5	0.1	1941	10	-8.4	-0.8	1941	0	0.0	0.0												
1942	18	6.1	0.3	1942	5	-2.7	-0.5	1942	0	0.0	0.0												
1943	32	4.2	0.1	1943	11	-9.2	-0.8	1943	0	0.0	0.0												
1944	58	-44.1	-0.8	1944	30	-56.9	-1.9	1944	10	-31.8	-3.2												
1945	22	-6.2	-0.3	1945	11	-14.1	-1.3	1945	1	-2.5	-2.5												
1946	36	-0.8	-0.0	1946	15	-11.0	-0.7	1946	0	0.0	0.0												
1947	18	4.5	0.3	1947	4	-2.8	-0.7	1947	0	0.0	0.0												
1948	28	-0.3	-0.0	1948	11	-11.6	-1.1	1948	0	0.0	0.0												
1949	33	4.0	0.1	1949	7	-13.6	-1.9	1949	2	-6.9	-3.5												
1950	7	2.3	0.3	1950	2	-1.6	-0.8	1950	0	0.0	0.0												
1951	31	4.1	0.1	1951	9	-9.9	-1.1	1951	0	0.0	0.0												
1952	34	-11.4	-0.3	1952	13	-21.5	-1.7	1952	4	-11.2	-2.8												
1953	40	-15.3	-0.4	1953	22	-29.4	-1.3	1953	4	-10.5	-2.6												
1954	37	6.1	0.2	1954	12	-12.4	-1.0	1954	0	0.0	0.0												
1955	33	4.3	0.1	1955	11	-11.0	-1.0	1955	1	-2.8	-2.8												
1956	32	-16.1	-0.5	1956	16	-25.8	-1.6	1956	5	-15.3	-3.1												
1957	52	-18.5	-0.4	1957	22	-37.0	-1.7	1957	6	-20.9	-3.5												
1958	31	-37.8	-1.2	1958	21	-44.8	-2.1	1958	10	-29.9	-3.0												
1959	42	-7.8	-0.2	1959	19	-24.5	-1.3	1959	2	-6.5	-3.3												
1960	30	-9.5	-0.3	1960	16	-16.7	-1.0	1960	1	-2.3	-2.3												
1961	35	-0.4	-0.0	1961	16	-18.0	-1.1	1961	2	-5.5	-2.8												
1962	41	-1.8	-0.0	1962	14	-23.5	-1.7	1962	4	-12.8	-3.2												
1963	20	-0.4	-0.0	1963	8	-7.3	-0.9	1963	0	0.0	0.0												
1964	26	2.1	0.1	1964	8	-8.4	-1.1	1964	0	0.0	0.0												
1965	53	-20.0	-0.4	1965	25	-40.9	-1.6	1965	8	-24.9	-3.1												
1966	68	-41.9	-0.6	1966	40	-59.4	-1.5	1966	8	-24.4	-3.1												
1967	43	-21.5	-0.5	1967	24	-36.0	-1.5	1967	3	-9.3	-3.1												
1968	32	-3.2	-0.1	1968	17	-15.1	-0.9	1968	1	-2.8	-2.8												
1969	52	-35.4	-0.7	1969	33	-48.1	-1.5	1969	4	-12.4	-3.1												
1970	42	-17.6	-0.4	1970	24	-26.5	-1.1	1970	2	-5.7	-2.9												
1971	71	-82.3	-1.2	1971	52	-95.0	-1.8	1971	17	-62.1	-3.7												
1972	43	-10.4	-0.2	1972	18	-30.5	-1.7	1972	3	-9.5	-3.2												
1973	37	-3.4	-0.1	1973	18	-15.9	-0.9	1973	1	-2.4	-2.4												
1974	40	-36.5	-0.9	1974	23	-45.8	-2.0	1974	8	-30.4	-3.8												
1975	34	-29.4	-0.9	1975	23	-35.8	-1.6	1975	3	-11.0	-3.7												
1976	62	-56.7	-0.9	1976	37	-73.8	-2.0	1976	18	-57.8	-3.2	20 years	40.8	-0.4	20 years	22.5	-1.4	20 years	5.6	-3.0			
1977	62	-37.4	-0.6	1977	36	-54.1	-1.5	1977	5	-16.2	-3.2	19 years	39.7	-0.4	19 years	21.7	-1.4	19 years	4.9	-2.9			
1978	23	-4.4	-0.2	1978	12	-11.7	-1.0	1978	0	0.0	0.0	18 years	38.4	-0.4	18 years	20.9	-1.4	18 years	4.9	-2.9			
1979	51	-50.0	-1.0	1979	33	-62.1	-1.9	1979	12	-37.6	-3.1	17 years	39.4	-0.4	17 years	21.5	-1.4	17 years	5.2	-2.9			
1980	45	-25.5	-0.6	1980	31	-34.1	-1.1	1980	3	-8.1	-2.7	16 years	38.6	-0.4	16 years	20.8	-1.4	16 years	4.8	-2.9			
1981	28	0.9	0.0	1981	10	-12.0	-1.2	1981	1	-2.3	-2.3	15 years	38.2	-0.4	15 years	20.1	-1.4	15 years	4.9	-2.9			
1982	82	-95.0	-1.2	1982	56	-111.7	-2.0	1982	20	-69.0	-3.5	14 years	38.9	-0.4	14 years	20.8	-1.4	14 years	5.2	-3.0			
1983	27	-19.2	-0.7	1983	17	-24.8	-1.5	1983	5	-14.8	-3.0	13 years	35.6	-0.3	13 years	18.1	-1.4	13 years	4.1	-2.9			
1984	38	-23.6	-0.6	1984	24	-32.2	-1.3	1984	4	-13.4	-3.4	12 years	36.3	-0.3	12 years	18.2	-1.4	12 years	4.0	-2.9			
1985	52	-34.7	-0.7	1985	29	-51.0	-1.8	1985	10	-31.6	-3.2	11 years	36.2	-0.3	11 years	17.6	-1.4	11 years	4.0	-2.9			
1986	45	-27.0	-0.6	1986	21	-42.6	-2.0	1															



10th 2.8	Annual # days below 10th percentile	Annual total C in days below 10th percentile	Annual average C in days below 10th percentile	5th 1.1	Annual # days below 5th percentile	Annual total C in days below 5th percentile	Annual average C in days below 5th percentile	1st -1.1	Annual # days below 1st percentile	Annual total C in days below 1st percentile	Annual average C in days below 1st percentile	Pre and post cumulative averages		AWS 10th percentile average in years pre and post AWS		Pre and post cumulative averages		AWS 5th percentile average in years pre and post AWS		Pre and post cumulative averages		AWS 1st percentile average in years pre and post AWS	
												Av #	Av C	Av #	Av C	Av #	Av C	Av #	Av C				
1910	31	54.7	1.8	1910	9	1.7	0.2	1910	1	-1.1	-1.1												
1911	43	0.7	0.0	1911	27	-35.6	-1.3	1911	14	-31.9	-2.3												
1912	30	39.0	1.3	1912	15	6.6	0.4	1912	2	-2.2	-1.1												
1913	50	84.5	1.7	1913	16	7.3	0.5	1913	1	-1.1	-1.1												
1914	28	37.8	1.4	1914	9	2.3	0.3	1914	1	-2.9	-2.9												
1915	23	32.6	1.4	1915	7	-1.2	-0.2	1915	0	0.0	0.0												
1916	32	46.5	1.5	1916	11	1.7	0.2	1916	3	-4.8	-1.6												
1917	33	38.6	1.2	1917	18	4.8	0.3	1917	3	-3.9	-1.3												
1918	37	31.3	0.8	1918	22	-3.9	-0.2	1918	6	-10.6	-1.8												
1919	49	26.1	0.5	1919	29	-19.2	-0.7	1919	11	-24.7	-2.2												
1920	22	39.0	1.8	1920	5	-1.3	-0.3	1920	2	-3.0	-1.5												
1921	15	31.3	2.1	1921	3	2.8	0.9	1921	0	0.0	0.0												
1922	42	43.9	1.0	1922	23	-0.8	-0.0	1922	3	-4.5	-1.5												
1923	30	50.4	1.7	1923	11	4.6	0.4	1923	1	-1.1	-1.1												
1924	38	56.9	1.5	1924	16	5.7	0.4	1924	2	-2.2	-1.1												
1925	49	64.3	1.3	1925	23	5.1	0.2	1925	6	-6.6	-1.1												
1926	31	45.9	1.5	1926	11	1.7	0.2	1926	1	-1.1	-1.1												
1927	61	10.2	0.2	1927	46	-20.0	-0.4	1927	13	-25.5	-2.0												
1928	39	46.1	1.2	1928	16	-0.7	-0.0	1928	4	-6.7	-1.7												
1929	55	3.0	0.1	1929	36	-39.4	-1.1	1929	17	-47.2	-2.8												
1930	34	56.5	1.7	1930	13	3.9	0.3	1930	2	-3.9	-2.0												
1931	49	72.5	1.5	1931	25	13.7	0.5	1931	2	-2.2	-1.1												
1932	37	36.8	1.0	1932	22	2.1	0.1	1932	3	-9.9	-3.3												
1933	32	32.9	1.0	1933	19	3.9	0.2	1933	3	-5.0	-1.7												
1934	36	46.3	1.3	1934	17	2.8	0.2	1934	4	-5.0	-1.3												
1935	44	30.6	0.7	1935	28	-7.6	-0.3	1935	11	-16.4	-1.5												
1936	31	21.7	0.7	1936	16	-9.1	-0.6	1936	4	-7.4	-1.9												
1937	44	53.5	1.2	1937	17	-0.6	-0.0	1937	4	-7.7	-1.9												
1938	30	36.6	1.2	1938	10	-4.5	-0.5	1938	4	-8.5	-2.1												
1939	27	36.4	1.3	1939	10	2.4	0.2	1939	1	-1.9	-1.9												
1940	52	22.6	0.4	1940	32	-19.2	-0.6	1940	10	-24.5	-2.5												
1941	23	27.9	1.2	1941	10	0.4	0.0	1941	0	0.0	0.0												
1942	16	29.9	1.9	1942	3	1.1	0.4	1942	0	0.0	0.0												
1943	58	33.5	0.6	1943	36	-14.2	-0.4	1943	10	-20.8	-2.1												
1944	38	46.6	1.2	1944	15	-0.3	-0.0	1944	3	-3.3	-1.1												
1945	29	29.8	1.0	1945	14	-2.9	-0.2	1945	3	-5.9	-2.0												
1946	47	26.8	0.6	1946	26	-13.8	-0.5	1946	10	-18.5	-1.9												
1947	33	34.5	1.0	1947	18	-0.5	-0.0	1947	3	-5.0	-1.7												
1948	47	42.2	0.9	1948	22	-8.3	-0.4	1948	7	-11.2	-1.6												
1949	53	60.2	1.1	1949	25	0.2	0.0	1949	4	-7.8	-2.0												
1950	10	18.5	1.9	1950	2	0.0	0.0	1950	0	0.0	0.0												
1951	38	46.4	1.2	1951	16	-2.3	-0.1	1951	4	-5.6	-1.4												
1952	33	30.8	0.9	1952	17	-3.2	-0.2	1952	3	-8.4	-2.8												
1953	42	60.2	1.4	1953	16	3.6	0.2	1953	1	-1.1	-1.1												
1954	26	38.2	1.5	1954	10	5.6	0.6	1954	0	0.0	0.0												
1955	32	34.0	1.1	1955	18	2.8	0.2	1955	4	-5.0	-1.3												
1956	28	48.6	1.7	1956	6	1.6	0.3	1956	1	-1.1	-1.1												
1957	41	42.9	1.0	1957	19	-5.7	-0.3	1957	3	-7.3	-2.4												
1958	39	27.6	0.7	1958	23	-8.1	-0.4	1958	8	-16.1	-2.0												
1959	53	64.8	1.2	1959	24	4.5	0.2	1959	5	-8.3	-1.7												
1960	29	31.7	1.1	1960	18	3.8	0.2	1960	4	-6.1	-1.5												
1961	43	44.6	1.0	1961	20	-8.8	-0.4	1961	10	-15.1	-1.5												
1962	37	60.1	1.6	1962	12	1.1	0.1	1962	1	-1.1	-1.1												
1963	32	37.8	1.2	1963	17	6.2	0.4	1963	1	-1.7	-1.7												
1964	29	35.6	1.2	1964	13	-0.1	-0.0	1964	2	-4.4	-2.2												
1965	37	51.8	1.4	1965	12	-7.3	-0.6	1965	6	-8.8	-1.5												
1966	24	29.4	1.2	1966	9	-2.5	-0.3	1966	4	-6.2	-1.6												
1967	28	46.8	1.7	1967	10	9.0	0.9	1967	0	0.0	0.0												
1968	30	37.6	1.3	1968	11	-1.6	-0.1	1968	3	-7.1	-2.4												
1969	22	40.3	1.8	1969	5	3.5	0.7	1969	0	0.0	0.0												
1970	49	57.9	1.2	1970	22	-0.5	-0.0	1970	5	-8.5	-1.7												
1971	36	31.1	0.9	1971	19	-8.6	-0.5	1971	5	-12.8	-2.6												
1972	38	50.9	1.3	1972	14	-1.6	-0.1	1972	5	-6.8	-1.4												
1973	9	17.1	1.9	1973	2	2.1	1.1	1973	0	0.0	0.0												
1974	33	41.7	1.3	1974	13	-1.1	-0.1	1974	3	-4.0	-1.3												
1975	18	34.0	1.9	1975	3	2.4	0.8	1975	0	0.0	0.0												
1976	26	39.0	1.5	1976	10	3.7	0.4	1976	0	0.0	0.0												
1977	29	41.3	1.4	1977	11	0.2	0.0	1977	0	0.0	0.0	20 years	24.5	1.3	20 years	10.7	0.1	20 years	1.3	-1.7			
1978	32	24.8	0.8	1978	19	-2.3	-0.1	1978	2	-3.3	-1.7	19 years	24.3	1.3	19 years	10.6	0.2	19 years	1.4	-1.7			
1979	30	39.0	1.3	1979	12	4.8	0.4	1979	0	0.0	0.0	18 years	23.8	1.3	18 years	10.2	0.2	18 years	1.3	-1.7			
1980	23	39.7	1.7	1980	7	3.2	0.5	1980	0	0.0	0.0	17 years	23.5	1.3	17 years	10.1	0.2	17 years	1.4	-1.7			
1981	18	29.4	1.6	1981	6	2.7	0.5	1981	1	-1.4	-1.4	16 years	23.5	1.3	16 years	10.3	0.1	16 years	1.5	-1.7			
1982	32	37.7	1.2	1982	16	5.2	0.3	1982	0	0.0	0.0	15 years	23.9	1.3	15 years	10.5	0.1	15 years	1.5	-1.7			
1983	19	29.2	1.5	1983	4	1.5	0.4	1983	0	0.0	0.0	14 years	23.3	1.3	14 years	10.1	0.1	14 years	1.6	-1.7			
1984	10	17.2	1.7	1984	2	0.6	0.3	1984	0	0.0	0.0	13 years	23.6	1.2	13 years	10.6	0.1	13 years	1.8	-1.7			
1985	25	35.8	1.4	1985	6	-1.3	-0.2	1985	1	-2.1	-2.1	12 years	24.8	1.2	12 years	11.3	0.1	12 years	1.9	-1.7			
1986	24	29.0	1.2	1986	11	3.3	0.3	1986	0	0.0	0.0	11 years	24.7	1.2	11 years	11.8							



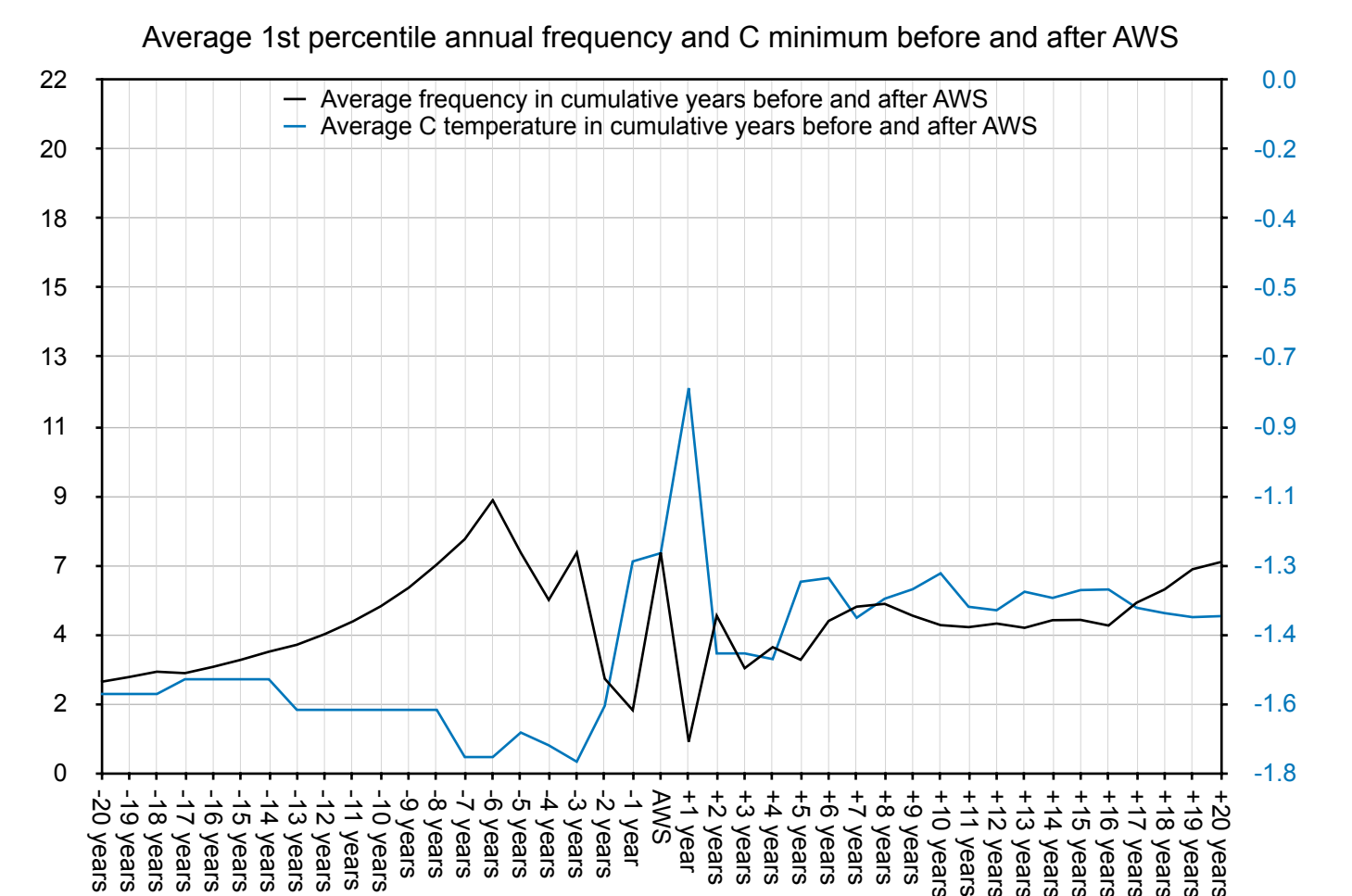
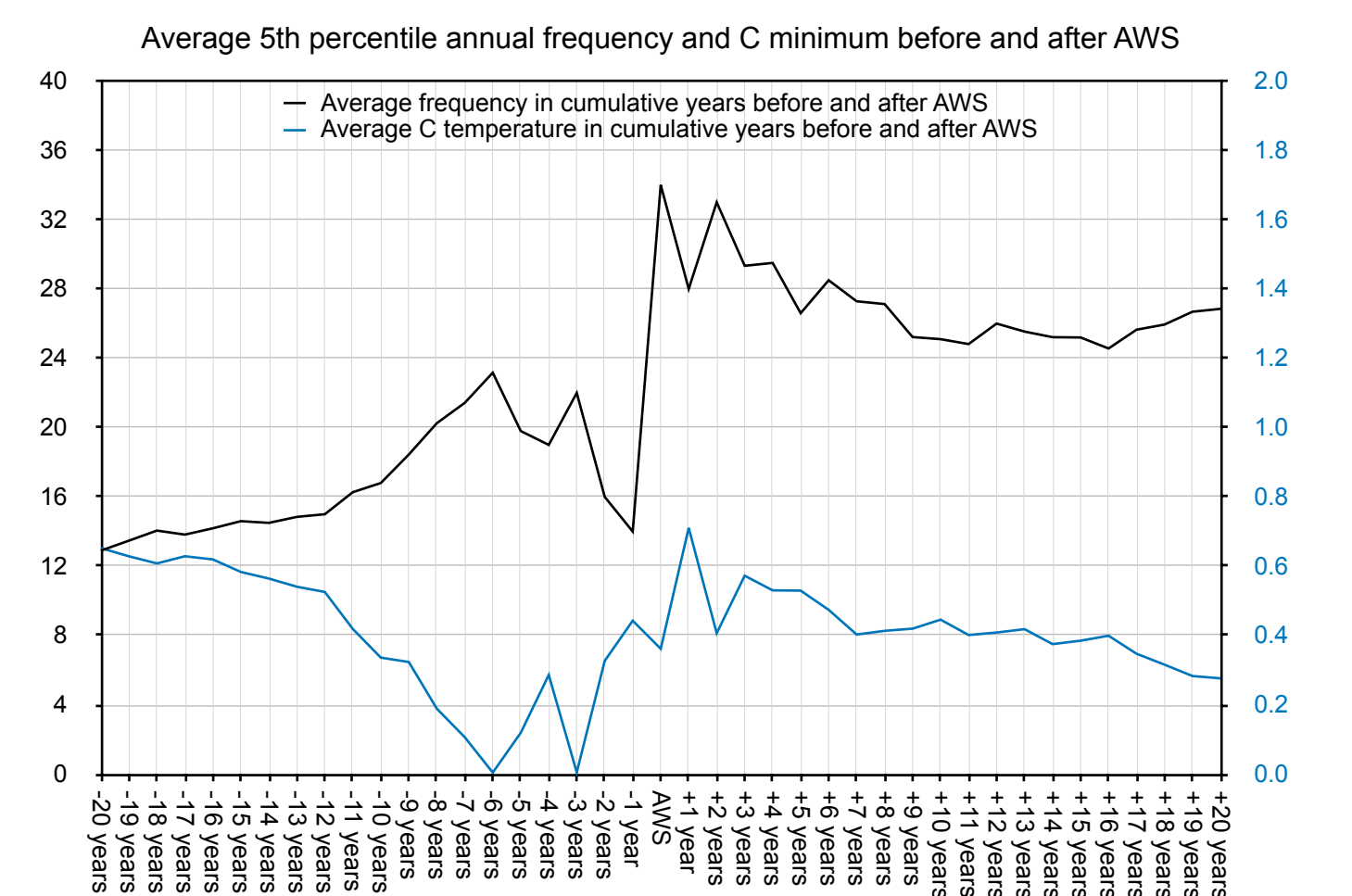
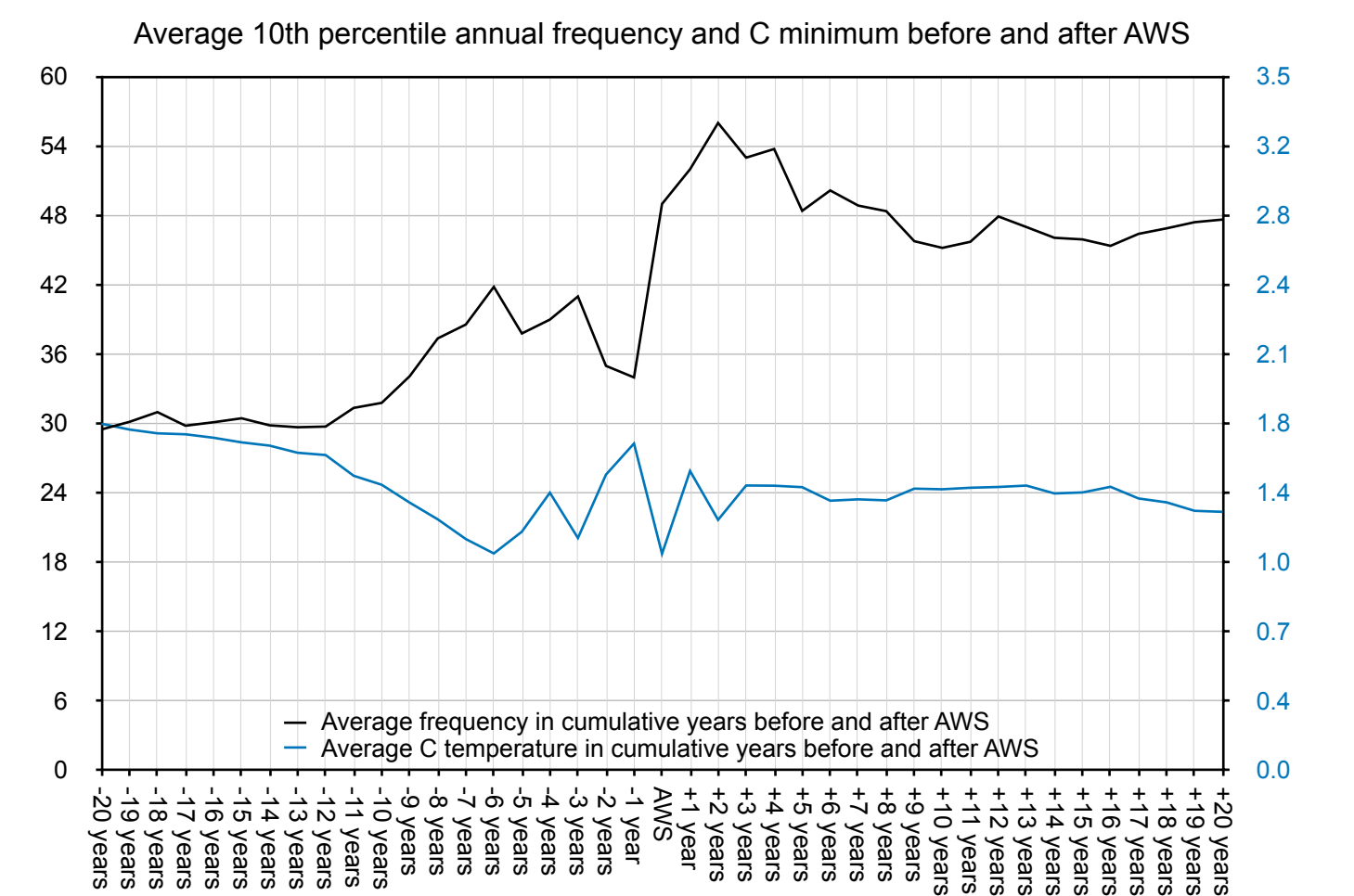
10th 1.4	Annual # days below 10th percentile	Annual total C in days below 10th percentile	Annual average C in days below 10th percentile	5th 0.0	Annual # days below 5th percentile	Annual total C in days below 5th percentile	Annual average C in days below 5th percentile	1st -1.9	Annual # days below 1st percentile	Annual total C in days below 1st percentile	Annual average C in days below 1st percentile	Pre and post cumulative averages		AWS 10th percentile average in years pre and post AWS		Pre and post cumulative averages		AWS 5th percentile average in years pre and post AWS		Pre and post cumulative averages		AWS 1st percentile average in years pre and post AWS	
												Av #	Av C	Av #	Av C	Av #	Av C	Av #	Av C				
1910	40	15.9	0.4	1910	13	-6.5	-0.5	1910	0	0.0													
1911	40	-4.4	-0.1	1911	23	-17.4	-0.8	1911	1	-2.3	-2.3												
1912	33	-2.1	-0.1	1912	19	-13.6	-0.7	1912	2	-4.7	-2.4												
1913	40	8.3	0.2	1913	14	-14.7	-1.1	1913	4	-9.4	-2.4												
1914	43	-20.7	-0.5	1914	28	-31.3	-1.1	1914	6	-16.6	-2.8												
1915	18	8.5	0.5	1915	4	-3.6	-0.9	1915	1	-2.5	-2.5												
1916	41	-22.2	-0.5	1916	27	-33.2	-1.2	1916	6	-16.6	-2.8												
1917	25	-3.0	-0.1	1917	12	-11.8	-1.0	1917	1	-2.5	-2.5												
1918	34	7.7	0.2	1918	12	-7.8	-0.7	1918	0	0.0													
1919	53	2.0	0.0	1919	27	-19.0	-0.7	1919	2	-4.4	-2.2												
1920	22	-7.7	-0.4	1920	9	-15.5	-1.7	1920	4	-12.5	-3.1												
1921	23	6.6	0.3	1921	8	-6.3	-0.8	1921	0	0.0													
1922	36	-4.8	-0.1	1922	22	-18.7	-0.9	1922	3	-6.1	-2.0												
1923	28	6.2	0.2	1923	13	-9.4	-0.7	1923	1	-2.5	-2.5												
1924	39	-1.1	-0.0	1924	19	-17.7	-0.9	1924	3	-7.5	-2.5												
1925	65	-22.3	-0.3	1925	36	-45.3	-1.3	1925	10	-23.8	-2.4												
1926	31	3.8	0.1	1926	13	-10.0	-0.8	1926	1	-1.9	-1.9												
1927	36	-22.1	-0.6	1927	23	-30.9	-1.3	1927	6	-15.3	-1.6												
1928	31	-0.9	-0.0	1928	18	-12.6	-0.7	1928	2	-4.4	-2.2												
1929	47	-7.7	-0.2	1929	24	-26.1	-1.1	1929	4	-10.3	-2.6												
1930	22	8.7	0.4	1930	5	-3.9	-0.8	1930	0	0.0													
1931	52	-38.9	-0.7	1931	35	-53.1	-1.5	1931	10	-28.0	-2.8												
1932	28	-3.2	-0.1	1932	18	-10.7	-0.6	1932	0	0.0													
1933	36	-9.0	-0.3	1933	23	-21.8	-0.9	1933	4	-8.8	-2.2												
1934	33	-4.2	-0.1	1934	18	-15.3	-0.9	1934	1	-2.2	-2.2												
1935	33	7.3	0.2	1935	13	-11.1	-0.9	1935	1	-1.9	-1.9												
1936	30	3.2	0.1	1936	15	-12.6	-0.8	1936	1	-1.9	-1.9												
1937	58	-49.1	-0.8	1937	46	-60.7	-1.3	1937	16	-42.1	-2.6												
1938	32	-0.8	-0.0	1938	16	-13.7	-0.9	1938	2	-4.7	-2.4												
1939	36	-7.7	-0.2	1939	22	-19.4	-0.9	1939	1	-2.8	-2.8												
1940	49	-17.4	-0.4	1940	31	-31.6	-1.0	1940	5	-14.0	-2.8												
1941	25	5.2	0.2	1941	10	-5.8	-0.6	1941	1	-2.2	-2.2												
1942	35	-0.1	-0.0	1942	16	-17.9	-1.1	1942	4	-11.6	-2.9												
1943	52	-10.3	-0.2	1943	29	-31.2	-1.1	1943	5	-14.0	-2.8												
1944	39	-7.0	-0.2	1944	24	-18.2	-0.8	1944	1	-2.2	-2.2												
1945	11	4.4	0.4	1945	4	-2.3	-0.6	1945	0	0.0													
1946	22	1.6	0.1	1946	12	-6.9	-0.6	1946	1	-2.2	-2.2												
1947	40	-12.8	-0.3	1947	28	-22.5	-0.8	1947	4	-11.6	-2.9												
1948	38	-10.9	-0.3	1948	20	-26.2	-1.3	1948	5	-15.0	-3.0												
1949	33	-15.2	-0.5	1949	26	-21.4	-0.8	1949	2	-4.4	-2.2												
1950	42	-11.3	-0.3	1950	24	-28.1	-1.2	1950	5	-13.3	-2.7												
1951	56	-33.4	-0.6	1951	40	-46.5	-1.2	1951	10	-30.5	-3.1												
1952	56	-17.3	-0.3	1952	36	-35.3	-1.0	1952	4	-8.8	-2.2												
1953	43	-15.7	-0.4	1953	27	-29.3	-1.1	1953	4	-10.0	-2.5												
1954	56	-29.7	-0.5	1954	42	-42.6	-1.0	1954	5	-11.6	-2.3												
1955	33	-20.6	-0.6	1955	21	-31.3	-1.5	1955	7	-21.6	-3.1												
1956	67	-45.7	-0.7	1956	51	-59.3	-1.2	1956	11	-27.2	-2.5												
1957	33	-18.2	-0.6	1957	25	-24.0	-1.0	1957	5	-12.2	-2.4												
1958	49	-15.0	-0.3	1958	34	-29.0	-0.9	1958	2	-4.4	-2.2												
1959	33	-0.5	-0.0	1959	19	-11.4	-0.6	1959	1	-2.8	-2.8												
1960	56	-16.6	-0.3	1960	35	-36.7	-1.0	1960	10	-24.9	-2.5												
1961	42	-16.6	-0.4	1961	23	-34.0	-1.5	1961	7	-20.5	-2.9												
1962	46	-18.7	-0.4	1962	30	-33.1	-1.1	1962	8	-20.5	-2.6												
1963	13	3.8	0.3	1963	5	-2.0	-0.4	1963	0	0.0													
1964	34	-28.5	-0.8	1964	19	-40.5	-2.1	1964	8	-35.2	-4.4												
1965	24	2.7	0.1	1965	12	-7.9	-0.7	1965	1	-2.2	-2.2												
1966	49	-11.7	-0.2	1966	28	-27.2	-1.0	1966	5	-12.5	-2.5												
1967	28	-1.0	-0.0	1967	14	-11.6	-0.8	1967	1	-2.1	-2.1												
1968	65	-35.6	-0.5	1968	41	-52.0	-1.3	1968	11	-27.6	-2.5												
1969	54	-40.9	-0.8	1969	37	-56.6	-1.5	1969	17	-42.3	-2.5												
1970	34	6.7	0.2	1970	12	-14.5	-1.2	1970	2	-4.4	-2.2												
1971	44	-4.0	-0.1	1971	25	-19.0	-0.8	1971	3	-8.1	-2.7												
1972	30	-11.7	-0.4	1972	21	-18.3	-0.9	1972	2	-5.2	-2.6												
1973	24	-9.1	-0.4	1973	16	-16.6	-1.0	1973	3	-9.8	-3.3												
1974	38	-23.7	-0.6	1974	26	-32.7	-1.3	1974	7	-17.9	-2.6												
1975	47	-10.2	-0.2	1975	30	-27.5	-0.9	1975	4	-10.2	-2.6												
1976	29	-7.6	-0.3	1976	21	-15.5	-0.7	1976	2	-4.2	-2.1												
1977	37	-16.7	-0.5	1977	21	-29.5	-1.4	1977	6	-15.9	-2.7												
1978	33	4.9	0.1	1978	12	-11.2	-0.9	1978	2	-4.6	-2.3	20 years	29.4	-0.0	20 years	13.7	-1.0	20 years	2.8	-2.3			
1979	34	-9.1	-0.3	1979	17	-22.7	-1.3	1979	6	-14.4	-2.4	19 years	29.2	-0.0	19 years	13.8	-1.0	19 years	2.8	-2.4			
1980	30	-12.0	-0.4	1980	19	-21.6	-1.1	1980	2	-4.0	-2.0	18 years	28.9	-0.0	18 years	13.6	-1.0	18 years	2.7	-2.3			
1981	29	-19.5	-0.7	1981	18	-28.9	-1.6	1981	7	-19.4	-2.8	17 years	28.8	-0.0	17 years	13.3	-1.0	17 years	2.7	-2.4			
1982	33	-1.3	-0.0	1982	17	-15.1	-0.9	1982	3	-7.0	-2.3	16 years	28.8	0.0	16 years	13.0	-1.0	16 years	2.4	-2.3			
1983	15	-2.1	-0.1	1983	9	-8.3	-0.9	1983	1	-2.4	-2.4	15 years	28.5	0.0	15 years	12.7	-1.0	15 years	2.4	-2.3			
1984	39	0.9	0.0	1984	18	-18.3	-1.0	1984	1	-2.6	-2.6	14 years	29.5	0.0	14 years	13.0	-1.0	14 years	2.5	-2.3			
1985	30	5.2	0.2	1985	10	-11.0	-1.1	1985	1	-2.0	-2.0	13 years	28.8	0.0	13 years	12.6	-1.0	13 years	2.6	-2.3			
1986	31	0.5	0.0	1986	14	-15.4	-1.1	1986	2	-4.2	-2.1	12 years	28.7	0.0	12 years	12.8	-1.0	12 years	2.8</				







10th 3.3	Annual # days below 10th percentile	Annual total C in days below 10th percentile	Annual average C in days below 10th percentile	5th 1.7	Annual # days below 5th percentile	Annual total C in days below 5th percentile	Annual average C in days below 5th percentile	1st -0.6	Annual # days below 1st percentile	Annual total C in days below 1st percentile	Annual average C in days below 1st percentile	Pre and post cumulative averages	AWS 10th percentile average in years pre and post AWS	Pre and post cumulative averages	AWS 5th percentile average in years pre and post AWS	Pre and post cumulative averages	AWS 1st percentile average in years pre and post AWS						
													Av #	Av C		Av #	Av C		Av #	Av C			
1957	45	88.5	2.0	1957	19	18.1	1.0	1957	1	-1.7	-1.7												
1958	33	37.2	1.1	1958	22	4.6	0.2	1958	6	-5.6	-0.9												
1959	29	64.4	2.2	1959	9	7.4	0.8	1959	2	-1.7	-0.9												
1960	46	95.9	2.1	1960	18	14.7	0.8	1960	1	-0.6	-0.6												
1961	28	44.3	1.6	1961	13	3.9	0.3	1961	2	-2.2	-1.1												
1962	34	61.9	1.8	1962	17	9.4	0.6	1962	3	-1.8	-0.6												
1963	19	29.3	1.5	1963	10	7.2	0.7	1963	3	-2.9	-1.0												
1964	37	75.0	2.0	1964	15	10.1	0.7	1964	3	-2.3	-0.8												
1965	36	71.1	2.0	1965	15	11.9	0.8	1965	1	-1.1	-1.1												
1966	40	60.4	1.5	1966	21	7.8	0.4	1966	6	-5.2	-0.9												
1967	38	72.1	1.9	1967	18	15.7	0.9	1967	2	-1.2	-0.6												
1968	25	38.3	1.5	1968	16	12.4	0.8	1968	3	-4.5	-1.5												
1969	51	97.6	1.9	1969	24	22.2	0.9	1969	0	0.0	0.0												
1970	56	99.0	1.8	1970	30	21.5	0.7	1970	4	-6.2	-1.6												
1971	45	67.8	1.5	1971	23	6.3	0.3	1971	8	-9.0	-1.1												
1972	44	80.1	1.8	1972	17	9.4	0.6	1972	2	-2.0	-1.0												
1973	10	22.4	2.2	1973	4	6.4	1.6	1973	0	0.0	0.0												
1974	16	25.4	1.6	1974	10	8.8	0.9	1974	0	0.0	0.0												
1975	28	55.8	2.0	1975	10	7.3	0.7	1975	1	-0.6	-0.6												
1976	35	65.7	1.9	1976	13	10.3	0.8	1976	2	-2.0	-1.0												
1977	30	43.3	1.4	1977	12	-0.7	-0.1	1977	4	-10.0	-2.5												
1978	24	36.5	1.5	1978	15	13.1	0.9	1978	0	0.0	0.0												
1979	1	3.0	3.0	1979	0	0.0	0.0	1979	0	0.0	0.0												
1980	17	39.2	2.3	1980	2	2.2	1.1	1980	0	0.0	0.0	20 years	29.5	1.7	20 years	12.9	0.7	20 years	2.9	-1.6			
1981	15	31.0	2.1	1981	3	3.0	1.0	1981	0	0.0	0.0	19 years	30.2	1.7	19 years	13.5	0.6	19 years	3.1	-1.6			
1982	51	90.9	1.8	1982	18	4.6	0.3	1982	4	-7.6	-1.9	18 years	31.0	1.7	18 years	14.1	0.6	18 years	3.2	-1.6			
1983	25	49.4	2.0	1983	8	6.2	0.8	1983	0	0.0	0.0	17 years	29.8	1.7	17 years	13.8	0.6	17 years	3.2	-1.6			
1984	25	50.7	2.0	1984	8	9.3	1.2	1984	0	0.0	0.0	16 years	30.1	1.7	16 years	14.2	0.6	16 years	3.4	-1.6			
1985	39	73.6	1.9	1985	16	13.6	0.9	1985	0	0.0	0.0	15 years	30.5	1.7	15 years	14.6	0.6	15 years	3.6	-1.6			
1986	32	67.4	2.1	1986	10	8.7	0.9	1986	1	-1.0	-1.0	14 years	29.9	1.6	14 years	14.5	0.6	14 years	3.9	-1.6			
1987	29	50.5	1.7	1987	13	9.4	0.7	1987	0	0.0	0.0	13 years	29.7	1.6	13 years	14.8	0.5	13 years	4.1	-1.6			
1988	12	32.9	2.7	1988	1	1.7	1.7	1988	0	0.0	0.0	12 years	29.8	1.6	12 years	15.0	0.5	12 years	4.4	-1.6			
1989	27	52.4	1.9	1989	11	13.7	1.2	1989	0	0.0	0.0	11 years	31.4	1.5	11 years	16.3	0.4	11 years	4.8	-1.6			
1990	11	24.8	2.3	1990	2	0.9	0.5	1990	0	0.0	0.0	10 years	31.8	1.4	10 years	16.8	0.3	10 years	5.3	-1.6			
1991	8	16.2	2.0	1991	4	5.6	1.4	1991	0	0.0	0.0	9 years	34.1	1.4	9 years	18.4	0.3	9 years	5.9	-1.6			
1992	29	56.9	2.0	1992	12	9.2	0.8	1992	1	-0.9	-0.9	8 years	37.4	1.3	8 years	20.3	0.2	8 years	6.6	-1.6			
1993	19	30.5	1.6	1993	11	7.9	0.7	1993	0	0.0	0.0	7 years	38.6	1.2	7 years	21.4	0.1	7 years	7.4	-1.8			
1994	62	33.9	0.5	1994	40	-22.8	-0.6	1994	17	-35.3	-2.1	6 years	41.8	1.1	6 years	23.2	0.0	6 years	8.7	-1.8			
1995	33	13.8	0.4	1995	23	-12.6	-0.5	1995	13	-20.3	-1.6	5 years	37.8	1.2	5 years	19.8	0.1	5 years	7.0	-1.7			
1996	33	68.9	2.1	1996	10	11.3	1.1	1996	1	-1.6	-1.6	4 years	39.0	1.4	4 years	19.0	0.3	4 years	5.5	-1.7			
1997	53	28.3	0.5	1997	34	-21.7	-0.6	1997	15	-30.9	-2.1	3 years	41.0	1.2	3 years	22.0	0.0	3 years	7.0	-1.8			
1998	36	48.1	1.3	1998	18	3.8	0.2	1998	4	-8.0	-2.0	2 years	35.0	1.5	2 years	16.0	0.3	2 years	3.0	-1.6			
1999	34	56.1	1.7	1999	14	6.2	0.4	1999	2	-2.5	-1.3	1 years	34.0	1.7	1 years	14.0	0.4	1 years	2.0	-1.3			
2000	49	53.6	1.1	2000	34	12.3	0.4	2000	7	-8.6	-1.2	0 years	49.0	1.1	0 years	34.0	0.4	0 years	7.0	-1.2			
2001	52	78.6	1.5	2001	28	19.9	0.7	2001	1	-0.8	-0.8	1 years	52.0	1.5	1 years	28.0	0.7	1 years	1.0	-0.8			
2002	60	61.1	1.0	2002	38	3.9	0.1	2002	9	-19.6	-2.2	2 years	56.0	1.3	2 years	33.0	0.4	2 years	5.0	-1.5			
2003	47	83.9	1.8	2003	22	19.9	0.9	2003	0	0.0	0.0	3 years	53.0	1.4	3 years	29.3	0.6	3 years	3.3	-1.5			
2004	56	80.3	1.4	2004	30	12.1	0.4	2004	6	-9.2	-1.5	4 years	53.8	1.4	4 years	29.5	0.5	4 years	4.0	-1.5			
2005	27	37.8	1.4	2005	15	7.9	0.5	2005	2	-1.4	-0.7	5 years	48.4	1.4	5 years	26.6	0.5	5 years	3.6	-1.3			
2006	59	60.2	1.0	2006	38	7.5	0.2	2006	11	-13.8	-1.3	6 years	50.2	1.4	6 years	28.5	0.5	6 years	4.8	-1.3			
2007	41	57.8	1.4	2007	20	-0.5	-0.0	2007	8	-15.3	-1.9	7 years	48.9	1.4	7 years	27.3	0.4	7 years	5.3	-1.4			
2008	45	59.7	1.3	2008	26	12.7	0.5	2008	6	-6.3	-1.1	8 years	48.4	1.4	8 years	27.1	0.4	8 years	5.4	-1.3			
2009	25	47.4	1.9	2009	10	4.7	0.5	2009	2	-2.3	-1.2	9 years	45.8	1.4	9 years	25.2	0.4	9 years	5.0	-1.3			
2010	40	55.6	1.4	2010	24	16.3	0.7	2010	2	-1.9	-1.0	10 years	45.2	1.4	10 years	25.1	0.4	10 years	4.7	-1.3			
2011	51	76.7	1.5	2011	22	-0.9	-0.0	2011	4	-8.6	-2.2	11 years	45.7	1.4	11 years	24.8	0.4	11 years	4.6	-1.4			
2012	72	106.1	1.5	2012	39	19.0	0.5	2012	6	-8.8	-1.5	12 years	47.9	1.4	12 years	26.0	0.4	12 years	4.8	-1.4			
2013	36	54.8	1.5	2013	20	10.7	0.5	2013	3	-2.4	-0.8	13 years	47.0	1.4	13 years	25.5	0.4	13 years	4.6	-1.3			
2014	34	30.0	0.9	2014	21	-3.9	-0.2	2014	8	-12.3	-1.5	14 years	46.1	1.4	14 years	25.2	0.4	14 years	4.9	-1.3			
2015	44	64.9	1.5	2015	25	13.1	0.5	2015	5	-5.3	-1.1	15 years	45.9	1.4	15 years	25.2	0.4	15 years	4.9	-1.3			
2016	37	68.7	1.9	2016	15	9.2	0.6	2016	2	-2.6	-1.3	16 years	45.4	1.4	16 years	24.6	0.4	16 years	4.7	-1.3			
2017	63	27.2	0.4	2017	43	-20.8	-0.5	2017	17	-35.4	-2.1	17 years	46.4	1.4	17 years	25.6	0.3	17 years	5.4	-1.4			
2018	55	56.1	1.0	2018	31	-6.8	-0.2	2018	13	-20.9	-1.6	18 years	46.9	1.4	18 years	25.9	0.3	18 years	5.8	-1.4			
2019	57	30.9	0.5	2019	40	-12.3	-0.3	2019	18	-28.3	-1.6	19 years	47.4	1.3	19 years	26.7	0.3	19 years	6.5	-1.4			
2020	52	62.8	1.2	2020	30	4.5	0.2	2020	11	-14.8	-1.3	20 years	47.7	1.3	20 years	26.9	0.3	20 years	6.7	-1.4			
2021	40	66.0	1.7	2021	18	7.3	0.4	2021	3	-5.8	-1.9												
2022	33	47.2	1.4	2022	16	4.8	0.3	2022	2	-4.1	-2.1												
Original AWS probe Rosemount																							
10 years				Always had small screen				10 years				Always had small screen				10 years				Always had small screen			
Pre AWS				31.8 35.9 1.6				Pre AWS				16.8 -0.7 0.6				Pre AWS				5.3 -8.9 -1.6			
Post AWS				45.2 62.9 1.4				Post AWS				25.1 10.2 0.4				Post AWS				4.7 -7.8 -1.3			
Pre small								Pre small								Pre small							
Post small								Post small								Post small							
5 years								5 years								5 years							
Pre AWS				37.8 35.1 1.0				Pre AWS				19.8 -7.6 0.0				Pre AWS				7.0 -17.6 -1.8			
Post AWS				48.4 66.7 1.4				Post AWS				26.6 12.4 0.5				Post AWS				3.6 -6.3 -1.4			
Pre small								Pre small								Pre small							
Post small								Post small								Post small							
				AWS introduction																			
				Small screen introduction																			





10th 5.6	Annual # days below 10th percentile	Annual total C in days below 10th percentile	Annual average C in days below 10th percentile	5th 4.3	Annual # days below 5th percentile	Annual total C in days below 5th percentile	Annual average C in days below 5th percentile	1st 2.0	Annual # days below 1st percentile	Annual total C in days below 1st percentile	Annual average C in days below 1st percentile	Pre and post cumulative averages	AWS 10th percentile average in years pre and post AWS	Pre and post cumulative averages	AWS 5th percentile average in years pre and post AWS	Pre and post cumulative averages	AWS 1st percentile average in years pre and post AWS														
													Av #	Av C		Av #	Av C		Av #	Av C											
1951	27	112.5	4.2	1951	11	34.5	3.1	1951	1	1.2	1.2																				
1952	32	133.3	4.2	1952	14	40.6	2.9	1952	2	0.6	0.3																				
1953	44	170.1	3.9	1953	26	76.8	3.0	1953	5	5.9	1.2																				
1954	44	180.2	4.1	1954	23	70.8	3.1	1954	5	8.3	1.7																				
1955	29	123.8	4.3	1955	12	36.4	3.0	1955	2	2.7	1.4																				
1956	48	207.0	4.3	1956	21	71.0	3.4	1956	3	3.5	1.2																				
1957	48	190.6	4.0	1957	23	61.4	2.7	1957	5	3.6	0.7																				
1958	24	97.0	4.0	1958	12	36.9	3.1	1958	3	3.8	1.3																				
1959	19	81.2	4.3	1959	6	18.3	3.1	1959	1	1.9	1.9																				
1960	40	163.0	4.1	1960	23	77.3	3.4	1960	1	1.7	1.7																				
1961	36	129.8	3.6	1961	23	65.0	2.8	1961	6	8.4	1.4																				
1962	35	147.4	4.2	1962	15	46.6	3.1	1962	3	4.6	1.5																				
1963	20	92.6	4.6	1963	6	22.3	3.7	1963	0	0.0																					
1964	33	125.7	3.8	1964	17	43.8	2.6	1964	5	5.9	1.2																				
1965	44	181.6	4.1	1965	21	65.1	3.1	1965	4	4.1	1.0																				
1966	47	193.6	4.1	1966	24	81.2	3.4	1966	2	3.4	1.7																				
1967	26	102.6	3.9	1967	14	43.6	3.1	1967	0	0.0																					
1968	36	148.9	4.1	1968	16	48.1	3.0	1968	3	3.0	1.0																				
1969	43	167.2	3.9	1969	22	62.0	2.8	1969	3	2.3	0.8																				
1970	65	192.0	3.0	1970	39	62.7	1.6	1970	19	-0.3	-0.0																				
1971	74	246.1	3.3	1971	49	119.5	2.4	1971	16	11.0	0.7																				
1972	47	176.2	3.7	1972	30	88.6	3.0	1972	5	6.8	1.4																				
1973	30	124.1	4.1	1973	16	53.0	3.3	1973	2	2.1	1.1																				
1974	40	160.0	4.0	1974	20	57.2	2.9	1974	5	5.9	1.2																				
1975	42	153.1	3.6	1975	27	76.9	2.8	1975	8	11.1	1.4																				
1976	52	229.2	4.4	1976	21	69.3	3.3	1976	1	1.9	1.9																				
1977	50	167.4	3.3	1977	29	63.0	2.2	1977	13	11.4	0.9																				
1978	41	153.9	3.8	1978	21	51.5	2.5	1978	7	4.2	0.6																				
1979	58	232.5	4.0	1979	30	92.1	3.1	1979	5	4.5	0.9	20 years	34.9	3.9	20 years	18.9	3.0	20 years	3.6	1.1											
1980	36	130.7	3.6	1980	23	66.6	2.9	1980	4	2.0	0.5	19 years	33.6	3.9	19 years	18.3	3.0	19 years	3.5	1.1											
1981	39	140.4	3.6	1981	22	52.6	2.4	1981	8	8.8	1.1	18 years	33.5	3.9	18 years	18.0	3.0	18 years	3.4	1.1											
1982	50	193.6	3.9	1982	28	83.7	3.0	1982	5	3.0	0.6	17 years	33.2	4.0	17 years	17.8	3.0	17 years	3.2	1.1											
1983	32	121.5	3.8	1983	20	63.9	3.2	1983	1	-0.4	-0.4	16 years	32.1	4.0	16 years	17.1	3.0	16 years	3.1	1.2											
1984	38	157.0	4.1	1984	16	47.1	2.9	1984	3	2.4	0.8	15 years	32.1	4.0	15 years	16.9	3.0	15 years	3.2	1.3											
1985	39	142.9	3.7	1985	23	65.7	2.9	1985	4	3.6	0.9	14 years	31.7	4.0	14 years	17.0	3.0	14 years	3.2	1.3											
1986	54	191.8	3.6	1986	35	95.4	2.7	1986	7	1.5	0.2	13 years	31.2	4.0	13 years	16.5	3.0	13 years	3.2	1.3											
1987	42	162.2	3.9	1987	23	66.8	2.9	1987	5	8.4	1.7	12 years	29.3	4.0	12 years	15.0	3.1	12 years	2.8	1.4											
1988	25	103.5	4.1	1988	13	43.9	3.4	1988	2	3.9	2.0	11 years	28.1	4.0	11 years	14.3	3.1	11 years	2.6	1.4											
1989	25	97.7	3.9	1989	13	37.3	2.9	1989	1	1.7	1.7	10 years	28.4	4.0	10 years	14.4	3.0	10 years	2.7	1.4											
1990	11	48.1	4.4	1990	4	12.6	3.2	1990	1	1.6	1.6	9 years	28.8	4.0	9 years	14.6	3.1	9 years	2.9	1.3											
1991	31	112.4	3.6	1991	21	62.3	3.0	1991	2	1.9	1.0	8 years	31.0	4.0	8 years	15.9	3.1	8 years	3.1	1.3											
1992	32	136.1	4.3	1992	13	40.1	3.1	1992	2	2.4	1.2	7 years	31.0	4.1	7 years	15.1	3.1	7 years	3.3	1.3											
1993	20	83.1	4.2	1993	10	34.6	3.5	1993	1	1.7	1.7	6 years	30.8	4.0	6 years	15.5	3.1	6 years	3.5	1.4											
1994	47	189.6	4.0	1994	23	69.5	3.0	1994	5	5.9	1.2	5 years	33.0	4.0	5 years	16.6	3.0	5 years	4.0	1.3											
1995	40	143.9	3.6	1995	20	47.1	2.4	1995	9	10.2	1.1	4 years	29.5	4.0	4 years	15.0	3.0	4 years	3.8	1.3											
1996	31	123.9	4.0	1996	16	51.3	3.2	1996	1	1.3	1.3	3 years	26.0	4.1	3 years	13.3	3.2	3 years	2.0	1.4											
1997	29	118.0	4.1	1997	16	50.4	3.2	1997	2	2.8	1.4	2 years	23.5	4.2	2 years	12.0	3.2	2 years	2.5	1.5											
1998	18	77.1	4.3	1998	8	25.5	3.2	1998	3	4.6	1.5	1 years	18.0	4.3	1 years	8.0	3.2	1 years	3.0	1.5											
1999	19	82.3	4.3	1999	9	32.3	3.6	1999	0	0.0		0 years	19.0	4.3	0 years	9.0	3.6	0 years	0.0												
2000	45	194.9	4.3	2000	21	72.9	3.5	2000	3	4.6	1.5	1 years	45.0	4.3	1 years	21.0	3.5	1 years	3.0	1.5											
2001	25	106.9	4.3	2001	9	27.9	3.1	2001	0	0.0		2 years	35.0	4.3	2 years	15.0	3.3	2 years	1.5	1.5											
2002	40	140.8	3.5	2002	26	70.0	2.7	2002	7	5.3	0.8	3 years	36.7	4.0	3 years	18.7	3.1	3 years	3.3	1.1											
2003	45	174.1	3.9	2003	25	76.5	3.1	2003	4	4.7	1.2	4 years	38.8	4.0	4 years	20.3	3.1	4 years	3.5	1.2											
2004	49	186.4	3.8	2004	28	79.6	2.8	2004	6	6.0	1.0	5 years	40.8	4.0	5 years	21.8	3.0	5 years	4.0	1.1											
2005	56	222.9	4.0	2005	27	76.0	2.8	2005	5	2.9	0.6	6 years	43.3	4.0	6 years	22.7	3.0	6 years	4.2	1.0											
2006	46	188.6	4.1	2006	23	72.4	3.1	2006	3	4.1	1.4	7 years	43.7	4.0	7 years	22.7	3.0	7 years	4.0	1.1											
2007	34	128.4	3.8	2007	22	67.9	3.1	2007	3	3.8	1.3	8 years	42.5	4.0	8 years	22.6	3.0	8 years	3.9	1.1											
2008	43	170.7	4.0	2008	21	60.0	2.9	2008	5	7.4	1.5	9 years	42.6	4.0	9 years	22.4	3.0	9 years	4.0	1.1											
2009	41	169.1	4.1	2009	19	57.1	3.0	2009	3	3.8	1.3	10 years	42.4	4.0	10 years	22.1	3.0	10 years	3.9	1.2											
2010	32	125.9	3.9	2010	16	44.0	2.8	2010	4	2.8	0.7	11 years	41.5	4.0	11 years	21.5	3.0	11 years	3.9	1.1											
2011	29	132.5	4.6	2011	7	21.9	3.1	2011	1	2.0	2.0	12 years	40.4	4.0	12 years	20.3	3.0	12 years	3.7	1.2											
2012	40	170.8	4.3	2012	18	60.1	3.3	2012	2	2.8	1.4	13 years	40.4	4.0	13 years	20.2	3.0	13 years	3.5	1.2											
2013	32	134.2	4.2	2013	16	51.5	3.2	2013	2	1.2	0.6	14 years	39.8	4.1	14 years	19.9	3.0	14 years	3.4	1.2											
2014	27	100.4	3.7	2014	16	46.7	2.9	2014	4	1.6	0.4	15 years	38.9	4.0	15 years	19.6	3.0	15 years	3.5	1.1											
2015	33	140.6	4.3	2015	17	59.3	3.5	2015	1	1.4	1.4	16 years	38.6	4.0	16 years	19.4	3.1	16 years	3.3	1.1											
2016	25	103.7	4.1	2016	12	37.5	3.1	2016	2	3.4	1.7	17 years	37.8	4.0	17 years	19.0	3.1	17 years	3.2	1.2											
2017	34	147.9	4.4	2017	18	67.1	3.7	2017	1	1.8	1.8	18 years	37.6	4.1	18 years	18.9	3.1	18 years	3.1	1.2											
2018	36	120.6	3.4	2018	26	69.1	2.7	2018	9	7.5	0.8	19 years	37.5	4.0	19 years	19.3	3.1	19 years	3.4	1.2											
2019	29	111.9	3.9	2019	16	46.3	2.9	2019	5	7.7	1.5	20 years	37.1	4.0	20 years	19.2	3.1	20 years	3.5	1.2											
2020	27	117.2	4.3	2020	13	47.0	3.6	2020	1	2.0	2.0																				
2021	33	147.4	4.5	2021	13	44.8	3.4	2021	1	2.0	2.0																				
2022	14	60.3	4.3	2022	7	23.9	3.4	2022	0	0.0																					
Original AWS probe Rosemount				10 years AWS and small screen both in 1999				10 years AWS and small screen both in 1999				10 years AWS and small screen both in 1999																			
Pre AWS				28.4				113.0				4.0				Pre AWS				14.4				43.1				3.0			
Post AWS				42.4				168.3				4.0				Post AWS				3.9				4.3				1.2			
Pre small				28.4				113.0				4.0				Pre small				14.4				43.1				3.0			
Post small				42.4				168.3				4.0				Post small				3.9				4.3				1.2			



10th 8.0	Annual # days below 10th percentile	Annual total C in days below 10th percentile	Annual average C in days below 10th percentile	5th 7.2	Annual # days below 5th percentile	Annual total C in days below 5th percentile	Annual average C in days below 5th percentile	1st 5.6	Annual # days below 1st percentile	Annual total C in days below 1st percentile	Annual average C in days below 1st percentile	Pre and post cumulative averages		AWS 10th percentile average in years pre and post AWS		Pre and post cumulative averages		AWS 5th percentile average in years pre and post AWS		Pre and post cumulative averages		AWS 1st percentile average in years pre and post AWS	
												Av #	Av C	Av #	Av C	Av #	Av C	Av #	Av C				
1910	18	127.8	7.1	1910	8	51.5	6.4	1910	1	4.2	4.2												
1911	30	202.7	6.8	1911	14	79.8	5.7	1911	6	26.6	4.4												
1912	25	170.8	6.8	1912	16	101.4	6.3	1912	4	20.0	5.0												
1913	50	343.0	6.9	1913	33	211.2	6.4	1913	7	33.9	4.8												
1914	34	238.9	7.0	1914	21	137.7	6.6	1914	3	15.0	5.0												
1915	27	182.6	6.8	1915	20	128.3	6.4	1915	5	26.2	5.2												
1916	40	280.4	7.0	1916	29	194.6	6.7	1916	4	21.8	5.5												
1917	41	287.0	7.0	1917	22	140.8	6.4	1917	3	11.9	4.0												
1918	17	113.6	6.7	1918	11	66.9	6.1	1918	4	20.6	5.2												
1919	34	236.1	6.9	1919	22	144.6	6.6	1919	1	3.9	3.9												
1920	23	159.1	6.9	1920	13	82.3	6.3	1920	2	8.1	4.1												
1921	23	153.8	6.7	1921	15	91.7	6.1	1921	5	23.4	4.7												
1922	39	267.7	6.9	1922	25	159.7	6.4	1922	5	21.3	4.3												
1923	45	322.3	7.2	1923	18	117.0	6.5	1923	2	10.1	5.1												
1924	79	543.5	6.9	1924	52	334.7	6.4	1924	8	37.2	4.7												
1925	68	445.1	6.5	1925	51	314.6	6.2	1925	13	63.6	4.9												
1926	46	320.2	7.0	1926	35	235.5	6.7	1926	2	10.6	5.3												
1927	56	405.4	7.2	1927	31	210.8	6.8	1927	2	10.6	5.3												
1928	42	292.2	7.0	1928	25	161.5	6.5	1928	5	25.4	5.1												
1929	73	488.8	6.7	1929	56	358.0	6.4	1929	9	45.0	5.0												
1930	25	173.2	6.9	1930	15	95.7	6.4	1930	2	10.1	5.1												
1931	41	293.2	7.2	1931	30	207.2	6.9	1931	1	5.6	5.6												
1932	28	201.8	7.2	1932	17	116.0	6.8	1932	1	5.0	5.0												
1933	38	275.4	7.2	1933	16	105.4	6.6	1933	1	3.8	3.8												
1934	20	146.8	7.3	1934	6	38.2	6.4	1934	1	3.8	3.8												
1935	34	235.8	6.9	1935	26	173.4	6.7	1935	3	16.2	5.4												
1936	49	356.2	7.3	1936	26	177.2	6.8	1936	3	16.2	5.4												
1937	22	161.3	7.3	1937	14	99.3	7.1	1937	0	0.0													
1938	33	225.6	6.8	1938	21	132.0	6.3	1938	6	29.8	5.0												
1939	29	200.7	6.9	1939	24	161.7	6.7	1939	3	15.0	5.0												
1940	34	248.0	7.3	1940	18	123.2	6.8	1940	2	11.2	5.6												
1941	30	210.8	7.0	1941	18	117.3	6.5	1941	5	27.4	5.5												
1942	36	261.6	7.3	1942	21	144.6	6.9	1942	0	0.0													
1943	41	280.1	6.8	1943	26	163.9	6.3	1943	8	39.5	4.9												
1944	48	339.9	7.1	1944	30	200.1	6.7	1944	2	11.2	5.6												
1945	39	267.8	6.9	1945	28	182.0	6.5	1945	4	19.5	4.9												
1946	38	259.8	6.8	1946	24	151.1	6.3	1946	5	23.8	4.8												
1947	34	239.9	7.1	1947	23	154.4	6.7	1947	1	4.4	4.4												
1948	45	306.2	6.8	1948	30	189.2	6.3	1948	6	29.5	4.9												
1949	34	246.8	7.3	1949	21	145.4	6.9	1949	2	11.2	5.6												
1950	23	153.0	6.7	1950	16	98.4	6.2	1950	4	19.5	4.9												
1951	30	199.9	6.7	1951	23	145.3	6.3	1951	4	13.3	3.3												
1952	68	461.9	6.8	1952	49	313.7	6.4	1952	10	51.8	5.2												
1953	57	399.3	7.0	1953	38	251.1	6.6	1953	5	25.6	5.1												
1954	1	7.2	7.2	1954	1	7.2	7.2	1954	0	0.0													
1955	61	439.9	7.2	1955	30	198.1	6.6	1955	3	16.2	5.4												
1956	66	443.6	6.7	1956	43	264.2	6.1	1956	13	63.6	4.9												
1957	53	352.8	6.7	1957	33	196.8	6.0	1957	13	60.6	4.7												
1958	125	767.7	6.1	1958	101	580.5	5.7	1958	52	254.4	4.9												
1959	62	408.3	6.6	1959	51	322.5	6.3	1959	13	63.6	4.9												
1960	99	649.7	6.6	1960	73	446.9	6.1	1960	23	105.8	4.6												
1961	28	193.5	6.9	1961	18	115.5	6.4	1961	5	24.5	4.9												
1962	55	353.3	6.4	1962	45	275.3	6.1	1962	12	49.2	4.1												
1963	50	357.9	7.2	1963	33	225.3	6.8	1963	1	4.4	4.4												
1964	56	371.2	6.6	1964	37	223.0	6.0	1964	12	57.4	4.8												
1965	59	404.1	6.8	1965	41	263.7	6.4	1965	9	44.8	5.0												
1966	44	234.5	5.3	1966	31	133.1	4.3	1966	19	52.0	2.7												
1967	26	185.2	7.1	1967	13	83.8	6.4	1967	3	13.9	4.6												
1968	67	455.1	6.8	1968	48	306.9	6.4	1968	7	27.3	3.9												
1969	38	256.7	6.8	1969	24	147.8	6.2	1969	8	37.1	4.6												
1970	55	363.4	6.6	1970	35	209.0	6.0	1970	15	74.8	5.0												
1971	64	405.6	6.3	1971	45	259.0	5.8	1971	14	55.0	3.9												
1972	50	326.3	6.5	1972	39	241.2	6.2	1972	9	40.6	4.5												
1973	28	207.9	7.4	1973	10	66.4	6.6	1973	1	5.5	5.5												
1974	95	665.5	7.0	1974	42	254.9	6.1	1974	10	48.4	4.8												
1975	30	215.5	7.2	1975	12	75.6	6.3	1975	3	15.5	5.2												
1976	29	208.7	7.2	1976	13	83.2	6.4	1976	2	10.5	5.3												
1977	46	318.8	6.9	1977	19	112.5	5.9	1977	5	23.0	4.6												
1978	34	226.3	6.7	1978	23	143.0	6.2	1978	5	25.9	5.2												
1979	38	265.7	7.0	1979	17	104.9	6.2	1979	5	26.2	5.2												
1980	33	235.5	7.1	1980	17	109.5	6.4	1980	3	16.1	5.4	20 years	32.4	7.0	20 years	16.1	6.2	20 years	4.0	4.9			
1981	36	267.9	7.4	1981	13	88.1	6.8	1981	0	0.0		19 years	32.3	7.0	19 years	16.0	6.2	19 years	4.1	4.8			
1982	40	274.7	6.9	1982	22	135.9	6.2	1982	6	30.5	5.1	18 years	32.1	6.9	18 years	16.2	6.1	18 years	4.3	4.8			
1983	39	281.3	7.2	1983	17	111.5	6.6	1983	1	5.1	5.1	17 years	31.6	6.9	17 years	15.8	6.1	17 years	4.2	4.8			
1984	31	210.3	6.8	1984	15	86.7	5.8	1984	4	16.8	4.2	16 years	31.2	6.9	16 years	15.8	6.1	16 years	4.4	4.8			
1985	29	214.8	7.4	1985	9	58.9	6.5	1985	1	5.0	5.0	15 years	31.2	6.9	15 years	15.8	6.1	15 years	4.4	4.8			



10th 5.3	Annual # days below 10th percentile	Annual total C in days below 10th percentile	Annual average C in days below 10th percentile	5th 4.1	Annual # days below 5th percentile	Annual total C in days below 5th percentile	Annual average C in days below 5th percentile	1st 2.3	Annual # days below 1st percentile	Annual total C in days below 1st percentile	Annual average C in days below 1st percentile	Pre and post cumulative averages		AWS 10th percentile average in years pre and post AWS		Pre and post cumulative averages		AWS 5th percentile average in years pre and post AWS		Pre and post cumulative averages		AWS 1st percentile average in years pre and post AWS		
												Av #	Av C	Av #	Av C	Av #	Av C	Av #	Av C					
1950	46	173.0	3.8	1950	25	74.1	3.0	1950	4	7.6	1.9													
1951	42	148.1	3.5	1951	28	79.3	2.8	1951	9	15.8	1.8													
1952	49	175.9	3.6	1952	34	102.9	3.0	1952	6	7.9	1.3													
1953	48	164.0	3.4	1953	32	90.2	2.8	1953	9	13.3	1.5													
1954	50	197.1	3.9	1954	25	76.9	3.1	1954	7	12.8	1.8													
1955	31	132.5	4.3	1955	10	34.0	3.4	1955	1	2.2	2.2													
1956	46	180.5	3.9	1956	23	70.2	3.1	1956	4	7.3	1.8													
1957	41	155.3	3.8	1957	25	79.4	3.2	1957	5	10.0	2.0													
1958	33	109.6	3.3	1958	19	41.3	2.2	1958	9	8.9	1.0													
1959	37	142.6	3.9	1959	17	47.6	2.8	1959	7	10.8	1.5													
1960	58	215.9	3.7	1960	34	100.8	3.0	1960	8	12.5	1.6													
1961	40	144.9	3.6	1961	23	67.1	2.9	1961	6	10.7	1.8													
1962	31	128.5	4.1	1962	13	41.2	3.2	1962	2	3.0	1.5													
1963	34	132.1	3.9	1963	18	54.8	3.0	1963	5	10.0	2.0													
1964	36	139.8	3.9	1964	20	63.0	3.2	1964	1	2.2	2.2													
1965	38	124.7	3.3	1965	25	62.8	2.5	1965	13	23.6	1.8													
1966	51	181.7	3.6	1966	30	82.8	2.8	1966	9	8.8	1.0													
1967	53	188.4	3.6	1967	32	88.0	2.8	1967	10	14.3	1.4													
1968	43	162.9	3.8	1968	21	59.3	2.8	1968	8	13.8	1.7													
1969	41	172.3	4.2	1969	16	54.1	3.4	1969	2	3.4	1.7													
1970	45	165.0	3.7	1970	30	93.2	3.1	1970	4	7.8	2.0													
1971	37	151.1	4.1	1971	18	60.0	3.3	1971	0	0.0														
1972	33	131.7	4.0	1972	17	56.0	3.3	1972	3	5.6	1.9													
1973	14	57.9	4.1	1973	6	18.3	3.1	1973	1	1.8	1.8													
1974	28	126.4	4.5	1974	6	22.9	3.8	1974	0	0.0														
1975	38	148.9	3.9	1975	17	47.8	2.8	1975	5	8.3	1.7													
1976	55	215.0	3.9	1976	27	76.7	2.8	1976	7	6.0	0.9	20 years	35.0	4.0	20 years	17.1	3.2	20 years	2.3	1.6				
1977	38	143.9	3.8	1977	21	61.8	2.9	1977	6	10.9	1.8	19 years	33.9	4.0	19 years	16.6	3.2	19 years	2.0	1.7				
1978	35	139.0	4.0	1978	17	53.5	3.1	1978	3	5.7	1.9	18 years	33.7	4.0	18 years	16.3	3.2	18 years	1.8	1.7				
1979	33	149.9	4.5	1979	7	25.8	3.7	1979	0	0.0		17 years	33.6	4.0	17 years	16.3	3.2	17 years	1.7	1.6				
1980	30	124.5	4.2	1980	13	43.6	3.4	1980	1	2.1	2.1	16 years	33.7	4.0	16 years	16.9	3.2	16 years	1.8	1.6				
1981	31	129.4	4.2	1981	15	51.0	3.4	1981	0	0.0		15 years	33.9	4.0	15 years	17.1	3.2	15 years	1.9	1.6				
1982	46	172.2	3.7	1982	27	81.1	3.0	1982	5	7.6	1.5	14 years	34.1	4.0	14 years	17.3	3.2	14 years	2.0	1.6				
1983	39	142.5	3.7	1983	19	49.7	2.6	1983	6	8.3	1.4	13 years	33.2	4.0	13 years	16.5	3.2	13 years	1.8	1.6				
1984	30	116.1	3.9	1984	16	48.7	3.0	1984	0	0.0		12 years	32.8	4.0	12 years	16.3	3.2	12 years	1.4	1.6				
1985	30	123.4	4.1	1985	16	57.2	3.6	1985	0	0.0		11 years	33.0	4.0	11 years	16.4	3.2	11 years	1.5	1.6				
1986	28	112.5	4.0	1986	15	49.6	3.3	1986	2	4.1	2.1	10 years	33.3	4.0	10 years	16.4	3.2	10 years	1.7	1.6				
1987	39	156.0	4.0	1987	19	61.0	3.2	1987	0	0.0		9 years	33.9	4.0	9 years	16.6	3.2	9 years	1.7	1.6				
1988	28	118.2	4.2	1988	11	37.1	3.4	1988	0	0.0		8 years	33.3	4.0	8 years	16.3	3.2	8 years	1.9	1.6				
1989	42	151.6	3.6	1989	29	89.7	3.1	1989	4	6.8	1.7	7 years	34.0	4.0	7 years	17.0	3.2	7 years	2.1	1.6				
1990	30	126.4	4.2	1990	14	50.5	3.6	1990	0	0.0		6 years	32.7	4.0	6 years	15.0	3.2	6 years	1.8	1.5				
1991	18	77.2	4.3	1991	7	24.0	3.4	1991	0	0.0		5 years	33.2	4.0	5 years	15.2	3.1	5 years	2.2	1.5				
1992	41	163.3	4.0	1992	18	55.2	3.1	1992	2	3.4	1.7	4 years	37.0	3.9	4 years	17.3	3.0	4 years	2.8	1.5				
1993	36	137.1	3.8	1993	18	52.3	2.9	1993	3	5.3	1.8	3 years	35.7	3.9	3 years	17.0	3.0	3 years	3.0	1.5				
1994	42	172.2	4.1	1994	16	48.4	3.0	1994	3	4.9	1.6	2 years	35.5	3.9	2 years	16.5	3.0	2 years	3.0	1.3				
1995	29	109.4	3.8	1995	17	51.2	3.0	1995	3	2.9	1.0	1 years	29.0	3.8	1 years	17.0	3.0	1 years	3.0	1.0				
1996	34	149.8	4.4	1996	9	30.4	3.4	1996	1	1.7	1.7	0 years	34.0	4.4	0 years	9.0	3.4	0 years	1.0	1.7				
1997	51	188.0	3.7	1997	24	58.4	2.4	1997	11	15.0	1.4	1 years	51.0	3.7	1 years	24.0	2.4	1 years	11.0	1.4				
1998	23	83.7	3.6	1998	14	40.3	2.9	1998	3	6.4	2.1	2 years	37.0	3.7	2 years	19.0	2.7	2 years	7.0	1.7				
1999	32	132.0	4.1	1999	13	43.0	3.3	1999	1	2.0	2.0	3 years	35.3	3.8	3 years	17.0	2.9	3 years	5.0	1.8				
2000	33	133.8	4.1	2000	16	54.1	3.4	2000	0	0.0		4 years	34.8	3.9	4 years	16.8	3.0	4 years	3.8	1.8				
2001	28	126.6	4.5	2001	6	22.4	3.7	2001	0	0.0		5 years	33.4	4.0	5 years	14.6	3.1	5 years	3.0	1.8				
2002	41	164.8	4.0	2002	17	48.0	2.8	2002	4	5.5	1.4	6 years	34.7	4.0	6 years	15.0	3.1	6 years	3.2	1.7				
2003	38	162.2	4.3	2003	13	39.7	3.1	2003	1	1.8	1.8	7 years	35.1	4.0	7 years	14.7	3.1	7 years	2.9	1.7				
2004	33	143.4	4.3	2004	10	30.0	3.0	2004	1	1.4	1.4	8 years	34.9	4.1	8 years	14.1	3.1	8 years	2.6	1.7				
2005	25	109.6	4.4	2005	9	31.1	3.5	2005	1	2.0	2.0	9 years	33.8	4.1	9 years	13.6	3.1	9 years	2.4	1.7				
2006	39	127.4	3.3	2006	26	63.6	2.4	2006	11	14.8	1.3	10 years	34.3	4.0	10 years	14.8	3.1	10 years	3.3	1.7				
2007	33	115.2	3.5	2007	22	62.9	2.9	2007	5	5.9	1.2	11 years	34.2	4.0	11 years	15.5	3.0	11 years	3.5	1.6				
2008	43	162.4	3.8	2008	22	63.2	2.9	2008	5	6.3	1.3	12 years	34.9	4.0	12 years	16.0	3.0	12 years	3.6	1.6				
2009	15	70.7	4.7	2009	3	11.6	3.9	2009	0	0.0		13 years	33.4	4.0	13 years	15.0	3.1	13 years	3.3	1.6				
2010	40	144.5	3.6	2010	26	78.6	3.0	2010	5	7.9	1.6	14 years	33.9	4.0	14 years	15.8	3.1	14 years	3.4	1.6				
2011	34	143.2	4.2	2011	12	35.8	3.0	2011	2	3.7	1.9	15 years	33.9	4.0	15 years	15.5	3.1	15 years	3.3	1.6				
2012	58	224.1	3.9	2012	27	77.9	2.9	2012	7	12.6	1.8	16 years	35.4	4.0	16 years	16.3	3.1	16 years	3.6	1.6				
2013	19	78.5	4.1	2013	10	35.8	3.6	2013	0	0.0		17 years	34.4	4.0	17 years	15.9	3.1	17 years	3.4	1.6				
2014	34	134.3	4.0	2014	16	49.1	3.1	2014	4	7.1	1.8	18 years	34.4	4.0	18 years	15.9	3.1	18 years	3.4	1.6				
2015	35	144.1	4.1	2015	16	54.2	3.4	2015	1	1.0	1.0	19 years	34.4	4.0	19 years	15.9	3.1	19 years	3.3	1.6				
2016	33	130.6	4.0	2016	18	58.6	3.3	2016	3	5.6	1.9	20 years	34.4	4.0	20 years	16.0	3.1	20 years	3.3	1.6				
2017	46	178.8	3.9	2017	24	76.6	3.2	2017	4	8.1	2.0													
2018	44	172.2	3.9	2018	25	80.3	3.2	2018	3	6.0	2.0													
2019	46	184.5	4.0	2019	18	53.7	3.																	







10th 9.0	Annual # days below 10th percentile	Annual total C in days below 10th percentile	Annual average C in days below 10th percentile	5th 7.8	Annual # days below 5th percentile	Annual total C in days below 5th percentile	Annual average C in days below 5th percentile	1st 5.8	Annual # days below 1st percentile	Annual total C in days below 1st percentile	Annual average C in days below 1st percentile	Pre and post cumulative averages	AWS 10th percentile average in years pre and post AWS	Pre and post cumulative averages	AWS 5th percentile average in years pre and post AWS	Pre and post cumulative averages	AWS 1st percentile average in years pre and post AWS			
													Av #	Av C		Av #	Av C		Av #	Av C
1910	32	250.0	7.8	1910	18	130.2	7.2	1910	0	0.0										
1911	44	324.9	7.4	1911	29	195.1	6.7	1911	5	26.0	5.2									
1912	28	228.4	8.2	1912	8	59.5	7.4	1912	0	0.0										
1913	29	232.0	8.0	1913	11	77.2	7.0	1913	0	0.0										
1914	20	148.9	7.4	1914	12	80.7	6.7	1914	2	11.2	5.6									
1915	33	267.3	8.1	1915	16	119.6	7.5	1915	0	0.0										
1916	9	74.5	8.3	1916	4	30.6	7.7	1916	0	0.0										
1917	34	252.3	7.4	1917	23	158.6	6.9	1917	3	15.6	5.2									
1918	48	364.1	7.6	1918	23	150.0	6.5	1918	5	23.9	4.8									
1919	34	254.3	7.5	1919	22	148.7	6.8	1919	5	26.8	5.4									
1920	32	245.8	7.7	1920	21	149.1	7.1	1920	3	16.8	5.6									
1921	17	128.3	7.5	1921	9	60.7	6.7	1921	1	5.6	5.6									
1922	33	233.9	7.1	1922	28	191.8	6.9	1922	4	20.6	5.2									
1923	35	281.0	8.0	1923	15	107.2	7.1	1923	0	0.0										
1924	30	243.2	8.1	1924	11	79.5	7.2	1924	0	0.0										
1925	55	425.6	7.7	1925	29	202.0	7.0	1925	2	10.6	5.3									
1926	40	325.6	8.1	1926	14	101.4	7.2	1926	1	5.6	5.6									
1927	54	385.1	7.1	1927	40	267.1	6.7	1927	7	37.4	5.3									
1928	33	258.9	7.8	1928	15	104.1	6.9	1928	2	11.2	5.6									
1929	49	359.9	7.3	1929	32	213.4	6.7	1929	6	33.0	5.5									
1930	27	205.8	7.6	1930	13	85.4	6.6	1930	4	22.4	5.6									
1931	33	236.7	7.2	1931	22	141.5	6.4	1931	6	33.5	5.6									
1932	44	335.9	7.6	1932	27	189.3	7.0	1932	4	19.3	4.8									
1933	60	416.6	6.9	1933	43	268.9	6.3	1933	15	75.0	5.0									
1934	90	607.5	6.8	1934	69	428.1	6.2	1934	28	138.8	5.0									
1935	36	263.3	7.3	1935	23	153.0	6.7	1935	5	26.8	5.4									
1936	32	239.8	7.5	1936	21	145.5	6.9	1936	1	3.9	3.9									
1937	34	265.4	7.8	1937	17	118.9	7.0	1937	1	5.6	5.6									
1938	44	323.9	7.4	1938	27	176.2	6.5	1938	8	40.0	5.0									
1939	58	441.0	7.6	1939	31	211.9	6.8	1939	5	26.8	5.4									
1940	53	358.0	6.8	1940	36	211.2	5.9	1940	20	94.3	4.7									
1941	45	330.1	7.3	1941	31	212.1	6.8	1941	5	25.6	5.1									
1942	40	316.2	7.9	1942	18	128.5	7.1	1942	1	5.0	5.0									
1943	63	424.2	6.7	1943	49	304.4	6.2	1943	16	76.2	4.8									
1944	56	443.7	7.9	1944	20	134.1	6.7	1944	5	22.8	4.6									
1945	42	322.6	7.7	1945	24	167.8	7.0	1945	2	11.2	5.6									
1946	62	435.3	7.0	1946	48	313.4	6.5	1946	13	66.9	5.1									
1947	79	508.8	6.4	1947	64	378.9	5.9	1947	27	122.7	4.5									
1948	42	310.1	7.4	1948	29	199.2	6.9	1948	4	18.3	4.6									
1949	50	379.4	7.6	1949	29	199.1	6.9	1949	1	5.0	5.0									
1950	0	0.0		1950	0	0.0		1950	0	0.0										
1951	48	352.4	7.3	1951	31	205.9	6.6	1951	6	27.8	4.6									
1952	39	287.3	7.4	1952	25	166.3	6.7	1952	4	20.6	5.2									
1953	61	448.4	7.4	1953	37	239.0	6.5	1953	9	43.9	4.9									
1954	35	259.0	7.4	1954	25	172.4	6.9	1954	2	8.9	4.5									
1955	41	306.3	7.5	1955	23	154.5	6.7	1955	2	11.5	5.8									
1956	62	456.7	7.4	1956	43	293.6	6.8	1956	8	43.6	5.5									
1957	39	293.4	7.5	1957	22	150.0	6.8	1957	5	28.7	5.7									
1958	29	219.8	7.6	1958	15	102.3	6.8	1958	1	5.5	5.5									
1959	26	202.4	7.8	1959	13	92.1	7.1	1959	0	0.0										
1960	53	383.8	7.2	1960	35	232.4	6.6	1960	6	30.4	5.1									
1961	51	378.8	7.4	1961	26	166.2	6.4	1961	9	46.3	5.1									
1962	45	350.9	7.8	1962	18	120.5	6.7	1962	6	32.1	5.4									
1963	35	258.1	7.4	1963	22	146.5	6.7	1963	4	22.5	5.6									
1964	41	294.5	7.2	1964	27	177.7	6.6	1964	5	25.2	5.0									
1965	36	273.9	7.6	1965	21	142.9	6.8	1965	4	19.4	4.9									
1966	51	389.6	7.6	1966	26	175.1	6.7	1966	5	23.3	4.7									
1967	38	293.9	7.7	1967	20	139.0	7.0	1967	1	5.6	5.6									
1968	54	409.1	7.6	1968	29	195.3	6.7	1968	5	24.9	5.0									
1969	30	242.6	8.1	1969	10	71.3	7.1	1969	1	5.1	5.1									
1970	63	444.0	7.0	1970	41	256.3	6.3	1970	17	85.0	5.0									
1971	49	351.3	7.2	1971	31	196.7	6.3	1971	8	38.2	4.8									
1972	35	255.8	7.3	1972	21	138.3	6.6	1972	4	21.1	5.3									
1973	16	127.3	8.0	1973	6	43.0	7.2	1973	0	0.0										
1974	47	347.2	7.4	1974	29	196.0	6.8	1974	5	27.3	5.5									
1975	33	263.1	8.0	1975	10	69.7	7.0	1975	0	0.0										
1976	26	203.3	7.8	1976	13	91.4	7.0	1976	1	5.4	5.4									
1977	50	375.1	7.5	1977	30	203.3	6.8	1977	5	27.3	5.5									
1978	45	327.9	7.3	1978	27	174.6	6.5	1978	8	38.6	4.8									
1979	31	240.1	7.7	1979	15	105.0	7.0	1979	1	5.8	5.8									
1980	33	252.5	7.7	1980	17	116.3	6.8	1980	2	11.5	5.8									
1981	38	287.4	7.6	1981	18	117.0	6.5	1981	5	26.2	5.2									
1982	43	316.3	7.4	1982	29	196.6	6.8	1982	4	21.4	5.4									
1983	26	199.0	7.7	1983	15	105.1	7.0	1983	2	10.3	5.2									
1984	27	216.6	8.0	1984	8	56.5	7.1	1984	0	0.0										
1985	44	334.1	7.6	1985	23	154.3	6.7	1985	5	26.8	5.4									
1986	41	303.2	7.4	1986	24	158.3	6.6	1986	5	26.1	5.2									
1987	28	211.4	7.6	1987	17	117.8	6.9	1987	0	0.0		20 years	29.9	7.7	20 years	14.7	6.9	20 years	1.5	5.3
1988	20	158.8	7.9	1988	7	48.0	6.9	1988	0	0.0		19 years	30.0	7.7	19 years	14.5	6.9	19 years	1.5	5.3
1989	41	310.3	7.6	1989	21	141.9	6.8	1989	3	15.7	5.2	18 years	30.6	7.7	18 years	14.9	6.9	18 years	1.6	5.3
1990	38	279.9	7.4	1990	23	153.9	6.7	1990	4	17.5	4.4	17 years	29.9	7.7	17 years	14.6	6.9	17 years	1.5	5.3
1991	34	257.1	7.6	1991	19	130.0	6.8	1991	1	5.0	5.0	16 years	29.4	7.8	16 years	14.1	6.9	16 years	1.4	5.3
1992	41	314.2	7.7	1992	20	140.2	7.0	1992	1	5.2	5.2	15 years	29.1	7.8	15 years	13.7	6.9	15 years	1.4	5.4
1993	18	143.9	8.0	1993	5	32.5	6.5	1993	1	5.6	5.6	14 years	28.3							