

Station Name: Hawera Aws (HAW)

Period: 2004-01-29 - 2021-07-01

Length of record: 17 years

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR	FIRE SEASON
Temperature, degrees Celsius														
mean	19.6	20.2	19	16.6	14.5	12.1	11.5	12.1	13.2	14.4	16.1	18.1	15.6	17.7
median	19.5	20	19	16.8	14.5	12.2	11.5	12.4	13.4	14.3	16	18	15.4	17.9
max	27.2	26.8	25	22.3	20.7	18	16.8	17	18.3	20.4	22.5	24.3	27.2	27.2
min	13	12	12	6.9	5.5	4.1	5.3	6	5.8	6.4	7	10	4.1	6.4
Relative Humidity, %														
mean	74.6	72.8	71.5	76	78.7	80.3	79.7	77.6	76.4	77.4	76.7	76	76.5	75
median	74	72	70	75	78	80	79	77	76	77	76	76	76	74
max	100	100	100	100	100	100	100	100	100	99	100	100	100	100
min	47	42	44	48	41	51	50	48	45	49	51	46	41	42
Wind Speed, km/h														
mean	23.6	21.5	21.9	20.6	19.4	20.3	21	20.4	23.8	24.9	24.9	23.4	22.1	22.9
median	24	21.1	21.4	20.5	18.4	19.1	20.2	20.5	23.2	25.9	25.6	23	22	22.3
max	61.2	61.2	59.4	56.5	57.2	50	66.6	55.4	54.7	57.6	61.2	48.6	66.6	61.2
min	0	0	0	0	0	1.8	0	0	1.4	0	1.8	0	0	0
24-hr Rainfall, millimeters														
mean	2.3	2.1	2.3	3.5	3.7	3.6	3.7	3.6	3.3	3.5	2.7	3.5	3.2	2.8
median	0	0	0	0	0.2	0.6	0.6	0.4	0.4	0.2	0	0	0	0
max	99.6	37.2	60.2	95.4	68.4	48.2	46.2	51.8	81.2	67.6	77.8	82.2	99.6	99.6
min	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Monthly Rainfall, millimetres														
mean	69.8	47.8	69.4	109.9	119.6	106.3	116.7	112.3	99.4	107.8	80.6	106.5	95.5	84.5
max	140.8	111.2	129.4	271.4	183.6	211	187.4	207.4	177.8	172	216.6	209.8	271.4	271.4
min	9.4	15.4	18.4	21.4	53.4	51.8	48.2	46.6	22.4	51.4	26.4	31.2	9.4	9.4
Seasonal Rainfall, millimetres														
mean													1146	594.2
max													1463.6	851
min													912.4	374.6
Fine Fuel Moisture Code, FFMC														
mean	74	75.1	74.6	67.9	62	58.7	57.7	59.8	63.8	64.6	69.2	68.5	66.3	70.6
median	81.5	81.6	82	76.5	68.8	62.9	61.2	65	69.4	70.2	76.8	76.5	73.7	78.7
max	88.2	88.1	87.9	86.8	85.1	83.3	83.8	85.1	86	85.7	86.1	86.9	88.2	88.2
min	0.6	13.5	1.7	9.1	6.6	4.4	2.7	8	10	3.8	9.8	7.6	0.6	0.6
Duff Moisture Code, DMC														
mean	12.5	14.6	14.6	7.2	2.6	1.1	0.8	1.4	2.9	3	6	7.9	6.2	9.4
median	9.9	11.7	11.9	4.8	1.7	0.8	0.5	0.9	2.1	2.6	5	6.1	3.3	6.6
max	51.5	56.9	54	39.1	17.6	5.8	5.1	7	13.8	11.6	23	39.4	56.9	56.9
min	0	0	0.1	0	0	0	0	0	0	0	0	0	0	0
Drought Code, DC														
mean	176.2	248.5	287.3	210.4	119.6	41	8.1	8.3	13.2	24.8	59.6	112	110.1	161.1
median	174.4	248	284.9	177.2	110.9	16.1	5.8	6.2	8.9	20.6	58.9	101.4	56.8	134.6
max	345.7	468.8	582.2	468.3	434.6	230	59.6	34.4	55.9	79.8	177.4	307.7	582.2	582.2
min	6.4	5.3	4.2	2.3	1.2	0.4	0.8	0.8	0.7	2.3	4.4	5.6	0.4	2.3
Initial Spread Index, ISI														
mean	4.5	4.2	4.4	2.8	1.9	1.5	1.5	1.7	2.5	2.6	3.4	3.3	2.9	3.6
median	3.8	3.5	3.6	2.3	1.4	1.2	1.1	1.3	1.9	2.1	2.9	2.7	2.1	2.9
max	22.4	32.9	21.2	16.2	12	10.2	17.4	13.9	16.4	12.8	20.9	18.7	32.9	32.9
min	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Buildup Index, BUI														
mean	20.3	24.7	25.1	12.7	4.6	1.9	1.2	1.9	3.6	4.4	9.4	12.7	10.2	15.7
median	16.9	20.8	21.1	8.8	3	1.3	0.8	1.3	2.6	3.7	7.9	10.2	5.3	11.3
max	73.6	84	81.6	64.7	31.9	10.7	6.1	8.7	17.1	17	34	57.8	84	84
min	0	0	0.2	0	0	0	0	0	0	0	0	0	0	0
Fire Weather Index, FWI														
mean	7.1	7.4	7.9	3.6	1.4	0.7	0.6	0.8	1.7	1.9	3.6	4.3	3.4	5.1
median	5.4	5.4	6.5	1.8	0.5	0.3	0.3	0.4	0.7	0.8	2.4	2.7	0.9	3.3
max	32.6	57.3	38.6	26.6	16.5	8.8	10.7	11.9	15.7	10.4	22.8	29.1	57.3	57.3
min	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Daily Severity Rating, DSR														
mean	1.3	1.5	1.6	0.5	0.1	0	0	0	0.2	0.2	0.4	0.6	0.5	0.9
median	0.5	0.5	0.7	0.1	0	0	0	0	0	0	0.1	0.2	0	0.2
max	13	35.2	17.5	9.1	3.9	1.3	1.8	2.2	3.5	1.7	6.9	10.6	35.2	35.2
min	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Monthly Severity Rating, MSR														
mean	43.1	44.7	51.1	17.1	3.7	1	1.1	1.4	4.8	5.2	13.9	20.6	17.3	28
max	110.4	167.7	147	38.9	14.9	2.2	3.1	3.7	11.5	12.2	32.3	83.3	167.7	167.7
min	11.7	9.2	10.7	1.3	0.2	0.1	0.1	0.2	0.3	1	1.8	2.4	0.1	1
Cumulative Daily Severity Rating, CDSR														
mean													207.9	191.3
max													452.6	465.3
min													103.4	74.9

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR	FIRE SEASON
Forest Fire Danger Class (FFDC) Frequency														
Low														
mean	15	12.6	13.2	21.9	30.1	30	31	30.9	29.1	30.1	23.6	21.8	289.2	139.4
max	26	23	25	30	31	30	31	31	30	31	30	31	320	184
min	2	2	0	8	24	30	31	30	27	28	12	3	258	95
Moderate														
mean	13.3	12.7	14.1	7.4	0.9	0	0	0.1	0.9	0.9	6.3	8.7	65.4	62.5
max	25	20	21	19	7	0	0	1	3	3	18	23	91	96
min	5	5	5	0	0	0	0	0	0	0	0	0	44	27
High														
mean	2.3	2.4	2.6	0.5	0	0	0	0	0	0	0.1	0.4	8.3	8
max	10	8	8	3	0	0	0	0	0	0	1	3	20	21
min	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Very High														
mean	0.4	0.3	0.8	0.2	0	0	0	0	0	0	0	0.1	1.8	1.8
max	3	2	3	2	0	0	0	0	0	0	0	2	5	5
min	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Extreme														
mean	0	0.2	0.2	0	0	0	0	0	0	0	0	0	0.5	0.5
max	0	3	3	0	0	0	0	0	0	0	0	0	4	4
min	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Very Extreme														
mean	0	0.1	0	0	0	0	0	0	0	0	0	0	0.1	0.1
max	0	1	0	0	0	0	0	0	0	0	0	0	1	1
min	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Grass Fire Danger Class (GFDC) Frequency														
Curing source Taranaki (Taranaki)														
Curing%	55	75	75	50	40	30	25	25	35	40	40	50		
Low														
mean	3.2	2.2	3.2	6.2	10.1	12.2	14.1	12.9	7.6	6.9	4.4	5.5	88.8	32.5
max	9	8	9	13	18	19	21	20	15	11	12	12	129	56
min	0	0	0	1	3	7	9	7	1	2	0	0	71	16
Moderate														
mean	20.2	15.6	16.2	21.4	20.5	17.7	16.6	18	21.3	22.8	23.6	22.1	236	141.6
max	25	22	23	29	28	23	22	24	28	26	27	27	262	158
min	12	8	7	15	13	11	10	11	14	18	18	15	208	125
High														
mean	7.3	9.4	9.8	2.4	0.4	0.1	0.3	0.1	1.1	1.3	1.9	3.4	37.4	35.2
max	15	16	19	6	2	1	1	1	4	3	5	7	61	58
min	3	4	2	0	0	0	0	0	0	0	0	0	19	18
Very High														
mean	0.2	1	1.6	0	0	0	0	0	0	0	0	0	2.9	2.8
max	2	3	5	0	0	0	0	0	0	0	0	0	9	9
min	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Extreme														
mean	0	0.1	0.1	0	0	0	0	0	0	0	0	0	0.2	0.2
max	0	1	1	0	0	0	0	0	0	0	0	0	1	1
min	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Very Extreme														
mean	0	0	0	0	0	0	0	0	0	0	0	0	0	0
max	0	0	0	0	0	0	0	0	0	0	0	0	0	0
min	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Scrub Fire Danger Class (SFDC) Frequency														
Low														
mean	5.2	3.4	5.4	8.2	12.1	13.8	15	13.7	10.8	10.3	7	7.8	112.7	48.2
max	11	8	12	15	20	20	20	22	22	17	13	12	144	77
min	1	0	1	3	5	8	9	7	4	5	1	1	95	30
Moderate														
mean	0	0	0	0	0	0	0	0	0	0	0	0	0	0
max	0	0	0	0	0	0	0	0	0	0	0	0	0	0
min	0	0	0	0	0	0	0	0	0	0	0	0	0	0
High														
mean	0.8	0.9	0.8	1.1	2.9	3.5	3.1	2.2	1.7	1.8	0.8	1	20.6	7.1
max	2	4	4	5	6	6	7	7	5	6	3	3	34	16
min	0	0	0	0	1	0	1	0	0	0	0	0	14	2
Very High														
mean	2.1	3.4	2.2	3.9	4.9	5.4	5.5	5.8	4.1	3.2	3.1	3.2	46.9	21.5
max	5	8	6	8	10	11	10	11	9	8	7	7	64	33
min	0	0	0	1	2	2	2	3	1	0	1	0	34	12
Extreme														
mean	8.4	9.1	9.9	10.7	7.7	5.1	5.6	6.4	8.2	9.6	10.1	10.2	100.9	68
max	14	14	14	17	14	10	10	13	12	15	13	14	119	77
min	3	5	4	4	3	0	1	3	4	5	7	6	88	55

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Very Extreme														
mean	14.4	11.4	12.6	6.1	3.3	2.2	1.9	2.9	5.2	6.1	9.1	8.8	84.1	67.5
max	24	20	24	13	9	5	5	9	11	13	13	19	110	99
min	6	5	2	0	0	0	0	0	1	0	0	0	40	39