

Station Name: Te Haroto Raws (THA)

Period: 1996-08-27 - 2021-07-01

Length of record: 24 years

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR	FIRE SEASON
Temperature, degrees Celsius														
mean	20.4	20.1	18	15.2	12.6	9.7	9.1	10	11.9	14.4	16.3	18.4	14.7	17.5
median	20.7	20.5	18.3	15.1	12.6	9.8	8.7	9.8	12.1	14.5	16.3	18.8	14.4	17.5
max	32.6	32.2	30	28.9	24.7	26.2	24.8	23.8	22.5	26	28	27.1	32.6	32.6
min	8.2	9.1	5.2	4	0.9	-0.7	0.2	0.8	0	2.1	2	6.6	-0.7	2
Relative Humidity, %														
mean	60.4	62.3	65.2	70.5	74.5	77.6	76.8	72.7	66.9	63.2	62.4	62.9	67.9	63.8
median	58	60.1	63	68.9	73	77	77	72	66	62	60.5	61	67	62
max	100	100	100	100	100	100	100	100	100	100	100	100	100	100
min	16	25.3	24	33	42.4	42	33	10	21.2	12	22	24	10	12
Wind Speed, km/h														
mean	17.2	15.7	15	13.7	13.7	13.9	14.7	15	17.8	19.2	18.5	18.1	16	16.8
median	15.9	14	13.3	12.2	12.2	12.7	13.5	14	16.6	17.5	17.4	16.9	14.6	15.1
max	57.3	58	53.5	44.7	49	56.1	57.7	59	57.6	76.3	68.7	59.8	76.3	76.3
min	0.9	1.3	1.7	0.9	0	0.3	0	0	2	0	0	1	0	0
24-hr Rainfall, millimeters														
mean	2.6	2	2	3.1	2.7	3.6	4.5	2.9	2.8	2.5	2.2	2.6	2.8	2.4
median	0	0	0	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0	0	0.2	0
max	108	58	56.4	142.2	77.4	133.4	133.4	89.6	71.2	69.4	47	52.4	142.2	142.2
min	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Monthly Rainfall, millimetres														
mean	80.5	55.4	61.6	93.8	80.8	104.6	138.8	89.9	85.2	78.1	68.1	80.1	84.8	74
max	274.8	138.8	159.6	279.6	189	237.8	293.6	240.4	252.6	188.8	143	176.8	293.6	279.6
min	8.8	8.6	12.8	21	14.6	24.8	9.4	19.2	20.6	23	9.2	36.6	8.6	8.6
Seasonal Rainfall, millimetres														
mean													1017.1	517.6
max													1470	880
min													638.6	256.4
Fine Fuel Moisture Code, FFMC														
mean	76.9	77.1	74.4	69.8	65.8	58.3	56.2	61.8	67.8	71.7	73.2	74.1	68.9	73.8
median	84.5	84.3	83.2	78.6	75	65	61.7	68.2	77.6	79	81.9	82	78	82.2
max	95	93.5	91.5	89.9	87.5	87.3	87.4	89.7	92.2	95.5	92.8	93.3	95.5	95.5
min	2.1	1.3	1.9	2.3	3.5	0	0.8	0	1.6	2.6	3.7	2.5	0	1.3
Duff Moisture Code, DMC														
mean	23.9	26	21.8	13.5	6.2	2.2	1.6	2.7	6.5	9.8	14.8	16.6	12.1	18
median	19.3	20.7	17.6	8.5	4.3	1.2	0.8	1.7	5	8.5	12.8	13.1	7.5	13.3
max	100.4	99.6	85.2	54.9	25.2	26.8	14.5	18.3	30.4	37.7	48.3	76.9	100.4	100.4
min	0.8	0	0	0	0	0	0	0	0	0	0	0.7	0	0
Drought Code, DC														
mean	232.5	283.5	307.9	276.2	209.9	120.2	41.1	24.7	35.2	54.4	108.9	160.3	154.5	202.4
median	219.1	266.5	307.3	310.3	189.9	73.5	8	8.5	16.1	38.4	98.2	155.4	114.3	182.6
max	516.7	604.2	641.1	644.3	545.4	521.7	427.8	274.3	283.5	303.2	324.7	343.9	644.3	644.3
min	6.2	6.4	27.6	1.4	0.4	0	0	0	0.3	1.3	3.6	5.8	0	1.3
Initial Spread Index, ISI														
mean	5.7	4.9	4	2.7	2	1.4	1.4	1.8	3.3	4.3	4.9	4.5	3.4	4.4
median	4.1	3.9	3.3	1.9	1.4	0.8	0.8	1.1	1.9	2.8	3.3	3.4	2	3.2
max	63.9	42.9	24.5	23.5	22.4	16.5	16.4	17.4	25.1	33.6	37.6	28.8	63.9	63.9
min	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Buildup Index, BUI														
mean	36.5	40.5	35.7	22.8	10.7	3.8	2.5	3.7	7.7	12.3	20.6	24.9	18.4	27.5
median	31.1	33.2	30.5	15.5	7.1	2	1.2	2.2	5.6	10.8	19	20.6	11.9	20.9
max	120.3	140.5	127.9	90.5	38.9	47.2	25.3	31.4	32.8	37.7	60.5	93.5	140.5	140.5
min	1.6	0	0	0	0	0	0	0	0	0	0	1.3	0	0
Fire Weather Index, FWI														
mean	11.7	10.9	8.8	4.7	2.4	1	0.8	1.2	3.3	5.1	7.6	7.9	5.4	8.1
median	8.7	8.4	6.5	2.4	0.7	0.3	0.2	0.4	1	2.8	5.3	5.5	1.9	5.3
max	81.1	74.6	47.4	51.9	23.6	28.3	18.7	16.7	23.8	39.2	53.6	55.1	81.1	81.1
min	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Daily Severity Rating, DSR														
mean	3.4	3	2.1	0.9	0.3	0.1	0.1	0.1	0.5	1	1.8	1.8	1.2	2
median	1.3	1.2	0.8	0.1	0	0	0	0	0	0.2	0.5	0.5	0.1	0.5
max	65.1	56.2	25.1	29.6	7.3	10.1	4.8	4	7.5	18	31.3	32.8	65.1	65.1
min	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Monthly Severity Rating, MSR														
mean	107.5	86.9	68.3	26.5	9.1	3.2	2.1	3.1	14.1	28.7	51.7	56.3	38.1	60.8
max	352.8	265.5	317.3	84.8	33.5	31.5	25.2	18.2	52.7	94.5	172	266.2	352.8	352.8
min	10.9	8.8	2.3	0.5	0.1	0	0	0.1	1.3	2.8	6.4	7	0	0.5
Cumulative Daily Severity Rating, CDSR														
mean													457.2	421
max													1328.6	1472.7
min													81.7	72.2

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Forest Fire Danger Class (FFDC) Frequency														
Low														
mean	11	9.8	12.8	19.6	25.6	29.2	30.4	30	24.8	21.6	15.6	14.9	245.4	105
max	23	21	31	30	31	30	31	31	30	31	28	27	315	170
min	1	2	2	6	8	21	18	17	13	9	4	4	177	56
Moderate														
mean	11.2	11.1	12.2	8.5	5.3	0.6	0.6	1	5	8.3	11	12	86.9	75.1
max	18	25	22	20	22	6	13	14	17	19	20	18	136	105
min	5	3	0	0	0	0	0	0	0	0	2	4	36	40
High														
mean	4.8	4.2	3.7	1.5	0.1	0.1	0	0	0.2	0.9	2.6	2.7	20.8	20.6
max	11	12	17	8	1	2	0	0	4	5	10	9	43	55
min	0	0	0	0	0	0	0	0	0	0	0	0	1	2
Very High														
mean	2	1.7	1.4	0.2	0	0	0	0	0	0.2	0.5	1.1	7	6.7
max	6	8	7	2	0	1	0	0	0	3	4	11	20	25
min	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Extreme														
mean	1.5	1.2	0.8	0.1	0	0	0	0	0	0	0.3	0.2	4.2	4
max	9	7	9	1	0	0	0	0	0	0	3	3	24	30
min	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Very Extreme														
mean	0.4	0.3	0.1	0	0	0	0	0	0	0	0	0.1	1	0.9
max	6	4	3	1	0	0	0	0	0	0	0	2	12	14
min	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Grass Fire Danger Class (GFDC) Frequency														
Curing source Eastern (Hastings / Napier)														
Curing%	90	95	80	70	50	40	40	40	40	50	60	70		
Low														
mean	3.2	2.8	4.2	6.1	8.6	13.7	14.6	12	7.8	5.7	5.5	4.3	88.6	31.2
max	10	9	11	13	21	24	29	23	21	13	16	12	157	49
min	0	0	0	0	0	4	2	4	1	1	1	2	48	12
Moderate														
mean	9.9	8.9	14.5	19.8	21.1	15.8	16	18.3	19.3	19.5	19.2	16.8	199.2	108.7
max	23	19	22	27	29	25	26	26	28	27	27	25	233	143
min	5	2	4	9	10	6	2	8	7	15	9	7	161	64
High														
mean	10.5	11	10.1	3.8	1.3	0.5	0.4	0.7	2.8	5.2	4.7	8.6	59.6	54.9
max	16	16	23	11	4	3	3	4	9	13	16	19	83	83
min	4	5	2	0	0	0	0	0	0	0	0	2	19	20
Very High														
mean	4.5	3.7	1.5	0.3	0	0	0	0	0	0.7	0.5	1.1	12.3	12.1
max	14	9	9	2	1	0	0	0	1	4	3	4	30	31
min	0	0	0	0	0	0	0	0	0	0	0	0	2	2
Extreme														
mean	2.6	1.8	0.7	0	0	0	0	0	0	0	0	0.2	5.2	5
max	9	8	5	0	0	0	0	0	0	0	0	1	23	23
min	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Very Extreme														
mean	0.2	0.1	0	0	0	0	0	0	0	0	0	0	0.3	0.3
max	2	1	0	0	0	0	0	0	0	0	0	0	3	3
min	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Scrub Fire Danger Class (SFDC) Frequency														
Low														
mean	4.7	3.9	6	7	9.3	13.3	14.8	12.5	8.6	7.1	6.2	5.9	99.4	40.4
max	12	10	15	13	20	26	27	23	23	15	14	13	164	61
min	1	0	1	2	0	5	2	5	1	2	0	2	58	20
Moderate														
mean	0	0	0	0	0	0.1	0	0	0	0	0	0	0.2	0
max	0	0	0	0	0	1	1	0	0	0	0	0	1	0
min	0	0	0	0	0	0	0	0	0	0	0	0	0	0
High														
mean	1.9	1.8	2.4	4.3	5.4	5.8	5.2	4.3	2.8	2.9	2.3	2.5	41.6	18
max	5	4	7	11	11	20	11	11	10	7	7	8	60	32
min	0	0	0	2	2	2	0	0	0	0	0	0	26	8
Very High														
mean	2.7	3	3.3	4.6	5.7	4.2	4.2	5.3	4.2	3.2	3.3	3.3	47.1	23.5
max	6	9	7	14	14	10	8	11	12	7	7	7	63	35
min	0	0	0	1	1	0	0	1	1	1	0	0	33	14
Extreme														
mean	6.4	6.9	7.6	8.1	7	4.5	4.7	5.6	6.7	7.1	6.2	6.8	77.5	49.4
max	17	16	12	15	17	10	10	13	14	11	11	11	102	66
min	1	2	0	2	1	0	0	0	2	3	1	2	46	24

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Very Extreme														
mean	15.3	12.6	11.6	6	3.6	2.1	2	3.3	7.8	10.6	12	12.5	99.5	80.9
max	25	23	26	15	9	7	11	9	18	20	23	24	173	135
min	1	1	2	0	0	0	0	0	0	3	2	4	41	29