

Station Name: Titahi Bay Raws (TTB)

Period: 1998-05-02 - 2021-07-01

Length of record: 23 years

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR	FIRE SEASON
Temperature, degrees Celsius														
mean	19.5	19.8	18.8	16.3	14.5	12.5	11.7	12.1	13.2	14.5	16.3	18.3	15.6	17.6
median	19.6	20	19.1	16.9	14.8	12.8	12	12.4	13.5	14.8	16.4	18.3	15.4	17.8
max	29.1	26.2	24.5	23	21.1	18.6	17.2	18	20	20.7	23.8	26.8	29.1	29.1
min	10.5	10.2	10.3	6	2.3	3.2	2.9	2.6	5.3	5.6	6.7	10.3	2.3	5.6
Relative Humidity, %														
mean	68.5	66.9	68.1	70.3	72.3	73.5	72.2	72.2	71.8	71.7	68.4	69.6	70.5	69.1
median	69	66	68	70	72	73	72	72	72	71	67	69	70	69
max	100	100	100	100	100	100	100	99.8	100	100	100	100	100	100
min	33	32	36	38	35	37	32	43	34	34	36	36	32	32
Wind Speed, km/h														
mean	19.1	18.9	18.1	17.4	17.9	16.9	16.2	16.9	21	21.8	20.8	19.7	18.7	19.4
median	17.3	17.2	16.1	15.9	16.2	14.8	14.4	14.8	18.9	20.4	19	17.5	16.7	17.5
max	68.1	60.2	67.2	62.9	61.3	58.9	55	65	60.5	60.8	66.3	59.3	68.1	68.1
min	0	1.5	0	0	0	0	0	0	2.9	0	0	0	0	0
24-hr Rainfall, millimeters														
mean	1.8	2.1	2	2.2	3.1	3.3	3.3	3.1	2.3	3.3	2.4	2.6	2.6	2.3
median	0	0	0	0	0	0.2	0.5	0.2	0	0	0	0	0	0
max	45.3	74.9	68.6	58.8	96.6	54.1	73.6	85.4	49	74.9	76.4	72.2	96.6	76.4
min	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Monthly Rainfall, millimetres														
mean	57.1	59.3	61.1	66.7	97	101.8	101.9	99.3	68.8	93.5	72.6	83	80.2	70.5
max	122.3	328.4	133.5	168.9	219.7	213.9	234.9	204.1	133.2	159.2	192.6	176.6	328.4	328.4
min	2.9	10.4	19.4	12.4	43.4	24	24.8	39.5	17.3	31.7	8.9	15.3	2.9	2.9
Seasonal Rainfall, millimetres														
mean													962	493.4
max													1358.4	804.8
min													579.7	190.2
Fine Fuel Moisture Code, FFMC														
mean	77.2	78.2	75.9	73.8	68.1	63.6	63.1	65.1	69.7	68.6	73.8	73.1	70.8	74.3
median	83.3	84.2	83.5	81.4	76.4	70.8	68	70.9	76.7	75.9	81.4	80.4	79	81.9
max	89.7	89.9	89.4	87.6	87.6	87.2	85.5	86.6	87.4	87.6	88.8	88.8	89.9	89.9
min	9.3	9.1	4.2	1.6	2.2	7.2	12	11.1	8.9	1.6	5.3	13.8	1.6	1.6
Duff Moisture Code, DMC														
mean	19.4	25.4	20.4	13.1	6.7	2.8	2	3	5.2	6.1	12.7	15.2	10.9	16
median	16.1	22	18.1	10	4.4	2.1	1.5	2.3	4.4	4.6	10.5	10.9	6.3	11.8
max	69.9	75.9	61.8	55.3	38.9	13.8	12.1	15.7	19.9	23.1	53.1	78.6	78.6	78.6
min	0.3	0	0.9	0	0	0	0	0	0	0	0	0.1	0	0
Drought Code, DC														
mean	240.4	317.2	342.7	302.6	207.8	104	49.7	34.4	36.8	37.6	88	162	159.4	211.8
median	225.9	318.5	361.6	280.6	171.7	48.8	14.4	12.1	17.1	25.7	84.8	145.9	110	181.6
max	517.7	638.5	648.2	686.8	706.4	578.3	311.4	317.6	247.2	212.6	281.7	406.8	706.4	686.8
min	6.8	4.8	4	3.3	1.3	0.7	0.7	0.2	1.1	2	3.7	5.9	0.2	2
Initial Spread Index, ISI														
mean	4.4	4.8	4.1	3.1	2.7	2	1.8	2	3.1	3.2	4.1	3.7	3.2	3.9
median	3.9	4.3	3.7	2.9	2	1.4	1.2	1.4	2.5	2.5	3.4	3.1	2.6	3.4
max	20.6	28.8	20.3	21.9	24.2	17.8	17.6	14.1	20.3	26	25.7	23.5	28.8	28.8
min	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Buildup Index, BUI														
mean	31	41.1	34.4	22.6	11.9	4.9	2.9	4.1	6.6	7.8	18.1	23.4	17.2	25.3
median	26.8	37.6	31.6	17.5	7.6	3.5	2.1	3	5.3	6	15.5	17.7	9.9	19.2
max	91.9	103.2	90.5	79.8	68.4	25.3	20.8	18.3	26.8	28	65.4	96.2	103.2	103.2
min	0.6	0	1.4	0	0	0	0	0	0	0	0	0.2	0	0
Fire Weather Index, FWI														
mean	8.8	11	8.7	5.5	3.3	1.5	1	1.4	2.7	3.1	6.2	6.4	4.9	7
median	8	9.7	7.7	4.1	1.4	0.6	0.4	0.5	1.6	1.8	4.9	4.7	2.5	5.3
max	42.7	57.5	33.9	40.5	38	20.3	15.6	14.5	19.7	20.8	37.4	49.5	57.5	57.5
min	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Daily Severity Rating, DSR														
mean	1.8	2.6	1.8	0.9	0.5	0.1	0.1	0.1	0.3	0.4	1.1	1.2	0.9	1.4
median	1.1	1.5	1	0.3	0.1	0	0	0	0.1	0.1	0.5	0.4	0.1	0.5
max	20.9	35.4	13.9	19.1	17	5.6	3.5	3.1	5.3	5.8	16.6	27.2	35.4	35.4
min	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Monthly Severity Rating, MSR														
mean	57.7	75.3	56.8	27.7	15.3	4.2	2.2	3.6	8.8	11.2	33.9	34.7	27.6	42.5
max	157.7	290.4	139.3	95.9	70.8	20.2	10.3	14.3	27.8	30.5	120.5	140.3	290.4	290.4
min	18.4	7.6	10.4	2.1	0.9	0.1	0.1	0.4	1.1	0.8	2.1	2.9	0.1	0.8
Cumulative Daily Severity Rating, CDSR														
mean													331.3	297.1
max													769.3	787.6
min													123.5	98

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Forest Fire Danger Class (FFDC) Frequency														
Low														
mean	10.5	7.5	12.1	17.3	25	28.8	30.8	30.2	27.1	26	16.3	17	248.5	105.7
max	22	26	27	30	31	30	31	31	30	31	30	31	305	155
min	1	0	1	2	9	21	28	25	15	14	0	1	183	48
Moderate														
mean	16.3	13.7	13.3	11.5	5.4	1.2	0.2	0.8	2.9	5	11.9	11.7	93.8	84.4
max	24	21	21	24	19	9	3	6	15	17	24	20	143	122
min	9	3	4	0	0	0	0	0	0	0	0	0	55	54
High														
mean	3.2	5.5	4.5	1	0.5	0	0	0	0	0	1.6	2.1	18.4	17.8
max	12	16	13	9	4	0	0	0	0	1	7	16	42	42
min	0	0	0	0	0	0	0	0	0	0	0	0	0	2
Very High														
mean	0.7	0.7	1	0.1	0.1	0	0	0	0	0	0.2	0.1	2.9	2.8
max	7	3	4	2	1	0	0	0	0	0	3	1	15	15
min	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Extreme														
mean	0.3	0.7	0.1	0.1	0	0	0	0	0	0	0	0	1.4	1.3
max	4	6	2	2	1	0	0	0	0	0	1	1	10	9
min	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Very Extreme														
mean	0	0.2	0	0	0	0	0	0	0	0	0	0	0.2	0.2
max	0	4	0	0	0	0	0	0	0	0	0	1	4	4
min	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Grass Fire Danger Class (GFDC) Frequency														
Curing source Wellington (Wellington West)														
Curing%	60	70	60	40	20	20	20	20	30	40	40	50		
Low														
mean	3.4	2.4	3.9	4.5	10.3	13	14.4	12.9	6.7	6.2	4.2	4.6	86.4	28.7
max	9	8	9	12	19	21	21	21	15	11	10	10	117	52
min	0	0	0	0	4	7	5	7	1	1	0	0	63	10
Moderate														
mean	24.5	15.7	24.4	24.5	20.3	16.8	16.5	18	22.3	23	21.9	22.7	250.6	156.8
max	30	24	29	30	26	23	26	24	29	29	28	29	267	178
min	17	6	17	16	12	9	10	10	15	19	17	16	216	126
High														
mean	3.2	9.3	2.8	1	0.4	0.1	0.1	0	1	1.8	3.9	3.5	27.1	25.6
max	14	17	8	5	3	1	1	1	4	7	12	9	57	58
min	0	1	0	0	0	0	0	0	0	0	0	0	7	9
Very High														
mean	0	0.9	0	0	0	0	0	0	0	0	0	0.1	1	1
max	0	5	0	0	0	0	0	0	0	0	1	1	6	6
min	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Extreme														
mean	0	0.1	0	0	0	0	0	0	0	0	0	0	0.1	0.1
max	0	2	0	0	0	0	0	0	0	0	0	0	2	2
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	3.8	3.4	4.7	5.2	9	10.9	11.7	10.7	7.4	8.2	5.5	6	86.6	36.3
max	9	11	10	13	16	20	22	16	13	14	12	13	116	57
min	0	0	2	0	4	4	4	5	2	2	0	0	62	14
Moderate														
mean	0	0	0	0	0	0	0	0	0	0	0	0	0	0
max	0	0	0	0	0	0	0	1	0	0	0	0	1	0
min	0	0	0	0	0	0	0	0	0	0	0	0	0	0
High														
mean	1.2	0.8	2.2	2	2.5	3.7	4.2	4	2.3	1.6	1.6	2.3	28.5	11.7
max	5	3	6	5	7	8	9	8	10	4	6	6	39	20
min	0	0	0	0	0	1	0	0	0	0	0	0	18	4
Very High														
mean	2.3	2.2	3	3.7	4.5	4.6	5.2	5.2	3.5	4.4	3	3.4	44.9	21.9
max	4	5	6	8	8	8	10	10	6	9	7	6	56	37
min	0	0	0	0	0	1	2	2	1	1	0	1	29	9
Extreme														
mean	9.5	7.5	8.6	11.6	9.3	7.2	7.5	7.3	9.4	7.9	8.8	8.7	103.3	62.8
max	19	15	14	19	15	12	16	16	16	14	17	13	132	77
min	3	2	3	7	3	2	2	4	2	3	3	5	77	42

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Very Extreme														
mean	14.3	14.4	12.5	7.5	5.6	3.5	2.3	3.7	7.5	8.9	11.1	10.5	101.9	79.5
max	25	25	20	15	16	11	6	11	14	17	21	20	161	122
min	8	4	4	0	0	0	0	0	1	1	1	2	51	38