

Station Name: Port Taharoa Aws (TRX)

Period: 1995-01-01 - 2021-07-01

Length of record: 26 years

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR	FIRE SEASON
Temperature, degrees Celsius														
mean	21.4	22.1	20.9	18.8	16.4	14.2	13.3	13.6	14.8	16	17.5	19.7	17.4	19.5
median	21.3	22	21	19	16.4	14.1	13.3	13.9	15	16	17.3	20	17	19.8
max	28	28	28	25.4	22.3	20	18.3	19	21	23	23.7	28	28	28
min	13	15.8	13.9	10.6	8.7	7.5	7	4	8	7	10	14	4	7
Relative Humidity, %														
mean	68.4	67.1	66.3	68.5	72.6	74.4	73.1	73.6	73.2	72.7	70.9	71	71	69.3
median	68	67	66	69	72	74	73	74	73	72	70	70	70	69
max	100	100	97	100	100	100	100	100	99	100	99	97	100	100
min	34	27	28	32.7	35	47	42	42	35	39	36	36	27	27
Wind Speed, km/h														
mean	18.1	16.5	17.3	17.2	18.2	18.6	18.7	18.7	19.3	22.7	21.4	20.1	18.9	19
median	17	15	16.6	15	16.6	16.7	17	17	18.5	20.5	20	19	17	18
max	54	54	57.2	68.4	68.4	63	81.4	64.8	61.2	61.2	61.2	59.4	81.4	68.4
min	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24-hr Rainfall, millimeters														
mean	2.2	2.5	2.5	3.5	4.1	4.2	4.3	3.7	3.7	3.2	2.9	3	3.3	2.8
median	0	0	0	0	0.4	1	0.6	0.6	0.4	0.4	0	0	0	0
max	108	99	77.2	82.4	67.6	56.8	51.2	52.6	72.4	44.4	52.2	80	108	108
min	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Monthly Rainfall, millimetres														
mean	68.3	71.1	76.4	102.5	126.2	125.9	133.1	113.4	112	100.1	87	93.8	100.8	85.6
max	208	320	160.8	197	182.8	230	309.8	216	197.2	270	209.8	236.4	320	320
min	11.8	5.6	0	14.8	9	47.4	4.3	22.5	28	35.6	21.4	11.6	0	0
Seasonal Rainfall, millimetres														
mean													1209.8	601.3
max													1604.5	891.2
min													847.4	266.2
Fine Fuel Moisture Code, FFMC														
mean	76.9	76.8	76.9	70.9	65.6	60.9	60.7	62.2	64.1	67.6	71.9	71.7	68.9	73.3
median	83.4	84	83.8	79.4	71.4	64.9	64.9	66.7	69.5	73.9	79	80.7	76.7	81.3
max	91	91.9	90	89.6	87	86.7	87.3	87.8	88.9	87.4	89.2	89.4	91.9	91.9
min	12.1	9.3	5.8	8	6.2	8	0.2	7.2	9.2	0.6	7.1	4.8	0.2	0.6
Duff Moisture Code, DMC														
mean	18.6	21.9	18.6	11.6	4.6	2.4	2.1	3.2	3.8	4.9	9.4	12.5	9.5	13.9
median	15.1	17	14.2	6.7	2.9	1	1.1	1.6	2.6	4.2	7.8	9.3	5.3	9.6
max	77.6	77.7	82.1	90.2	29.2	39.9	19.6	34.1	18.4	26.3	37.1	70.9	90.2	90.2
min	0.8	0	1.1	0	0	0	0	0	0	0	0.2	0	0	0
Drought Code, DC														
mean	220.6	283	290.9	228.9	121.3	38.1	13.3	16.8	16.9	32.3	74.6	137.8	123.4	181.7
median	212.8	265.7	290.2	190.1	74.5	11	7	8.2	10.4	26.6	72.2	135.7	62.6	141.5
max	512.8	672.7	821.8	870.2	474.8	416.6	147.7	130.6	103.3	107.7	235	341.6	870.2	870.2
min	6.9	6.1	5.5	3.7	1.5	1.1	1	1.3	1.1	2.2	4.9	6.3	1	2.2
Initial Spread Index, ISI														
mean	4.2	4	4.1	3.1	2.3	1.9	2	2	2.1	2.9	3.4	3.6	3	3.6
median	3.8	3.6	3.7	2.6	1.7	1.1	1.2	1.4	1.6	2.3	3	3.1	2.3	3.2
max	26.9	24.9	34.5	26	17	13.4	14.4	23.6	17.4	22	18.7	23.8	34.5	34.5
min	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Buildup Index, BUI														
mean	29.8	35.5	31.1	19	7.7	3.7	2.6	4.1	4.6	6.7	13.5	19.3	14.8	22.2
median	24.7	29.2	23.8	11.8	4.8	1.5	1.5	2	3.2	5.9	11.9	15.4	8	15.6
max	112.6	120.5	131.4	143.1	48.8	64.4	23.8	40.9	23.6	30.3	44.5	89.1	143.1	143.1
min	1.3	0	1.7	0	0	0	0	0	0	0	0.5	0	0	0
Fire Weather Index, FWI														
mean	8.3	8.7	8.2	4.7	2.2	1.3	1.2	1.4	1.6	2.6	4.3	5.6	4.2	6.1
median	6.9	7.3	6.9	2.7	0.7	0.3	0.4	0.5	0.6	1.2	3.4	4.4	1.8	4.3
max	48.9	54.8	40.2	55.3	23.3	28.6	16.4	16.2	12.7	18.2	22	38.2	55.3	55.3
min	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Daily Severity Rating, DSR														
mean	1.7	1.9	1.7	0.8	0.3	0.1	0.1	0.1	0.1	0.3	0.6	1	0.7	1.1
median	0.8	0.9	0.8	0.2	0	0	0	0	0	0	0.2	0.4	0.1	0.4
max	26.6	32.5	18.8	33.1	7.1	10.3	3.8	3.8	2.4	4.6	6.5	17.1	33.1	33.1
min	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Monthly Severity Rating, MSR														
mean	55.2	53.3	51.9	24.6	8.1	4.1	3.3	4	3.9	8.3	16.6	29.8	21.9	34.3
max	231.3	201.6	187.8	159.8	39.3	46.9	24.5	25.3	15.7	17.8	42.1	113.8	231.3	231.3
min	9.7	4.3	14.4	3.1	0.8	0.1	0.1	0.4	0.2	0.8	3	1.6	0.1	0.8
Cumulative Daily Severity Rating, CDSR														
mean													263.1	237.2
max													753.7	756.8
min													78.5	70.8

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Forest Fire Danger Class (FFDC) Frequency														
Low														
mean	12.1	11	12.3	20.2	27.1	28.8	30.3	29.5	28.7	28	20.9	17.6	266.7	122.1
max	25	29	22	30	31	30	31	31	30	31	30	31	323	178
min	0	0	0	3	4	9	19	11	20	17	6	2	176	72
Moderate														
mean	14.8	12.7	14.4	8.5	3.8	1.1	0.7	1.5	1.3	3	8.9	11.8	82.4	74.8
max	23	25	21	17	26	17	12	20	10	14	24	20	139	94
min	6	0	9	0	0	0	0	0	0	0	0	0	43	31
High														
mean	3.1	3.5	3.3	1	0.2	0.1	0	0	0	0	0.2	1.5	12.8	12.2
max	12	14	15	10	2	3	0	0	0	0	4	11	39	44
min	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Very High														
mean	0.7	0.8	0.8	0.1	0	0	0	0	0	0	0	0.1	2.5	2.3
max	4	6	7	2	0	1	0	0	0	0	0	1	16	16
min	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Extreme														
mean	0.2	0.2	0.1	0.1	0	0	0	0	0	0	0	0	0.6	0.5
max	3	3	3	2	0	0	0	0	0	0	0	1	9	9
min	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Very Extreme														
mean	0.1	0.1	0	0	0	0	0	0	0	0	0	0	0.2	0.2
max	2	1	0	1	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
Grass Fire Danger Class (GFDC) Frequency														
Curing sources (Hauraki/Matamata Piako/Waikato)														
Curing%	70	70	60	40	40	40	40	40	40	40	40	60		
Low														
mean	2.8	2.6	3.2	6	8.6	11.2	12.2	10.7	8.9	6.3	4.3	5.7	82.3	30.6
max	9	8	7	12	15	19	19	24	18	14	9	11	113	50
min	0	0	0	2	1	4	1	2	3	1	1	1	51	15
Moderate														
mean	19.5	18	25.1	22.3	21.7	18.1	17.7	19.7	20.7	23.4	24.2	23.6	253.9	156.4
max	27	22	29	28	28	26	25	26	27	29	29	28	280	172
min	13	14	18	18	16	10	12	7	10	17	19	19	226	136
High														
mean	8	7.3	2.7	1.6	0.8	0.7	1.1	0.6	0.4	1.3	1.5	1.7	27.7	24
max	15	12	7	6	5	7	6	4	2	5	5	6	50	44
min	1	2	0	0	0	0	0	0	0	0	0	0	12	10
Very High														
mean	0.7	0.3	0.1	0.1	0	0	0	0	0	0	0	0	1.2	1.1
max	3	1	1	1	0	0	0	1	0	0	0	0	4	3
min	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Extreme														
mean	0.1	0	0	0	0	0	0	0	0	0	0	0	0.1	0.1
max	1	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
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	3.9	4	4.5	7.6	10.6	13.2	13.7	12.5	11	9.1	6.2	7.2	103.3	42.2
max	12	13	9	13	18	20	25	26	20	17	12	14	131	69
min	0	0	0	2	1	6	1	4	3	3	2	1	72	21
Moderate														
mean	0	0	0	0.1	0.1	0	0.2	0	0	0	0	0	0.5	0.1
max	0	1	0	1	1	1	2	1	1	0	0	0	4	1
min	0	0	0	0	0	0	0	0	0	0	0	0	0	0
High														
mean	1.1	1.5	1.5	2.5	3.5	3.9	3.4	3	3	1.7	1.5	1.2	27.8	10.8
max	4	7	5	5	8	10	8	7	9	4	4	4	50	24
min	0	0	0	1	0	1	0	0	0	0	0	0	13	6
Very High														
mean	3.3	3	2.7	3.1	3.9	3.7	3.8	4.7	3.8	4.3	3	3.3	42.5	22.7
max	9	9	7	8	8	9	8	12	8	8	7	8	62	36
min	0	0	0	0	0	0	0	2	0	1	0	0	24	13
Extreme														
mean	9.6	8.4	9.5	8.5	7.8	5.4	5.6	6.7	7.5	8.6	10.3	8.5	96.3	63
max	16	15	17	16	15	13	12	16	16	16	14	14	121	81
min	6	4	4	4	1	0	2	1	1	3	7	3	70	36

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Very Extreme														
mean	13.1	11.5	12.8	8.3	5.1	3.8	4.3	4	4.7	7.3	9.1	10.9	94.9	73.5
max	23	20	22	16	14	18	15	11	12	13	15	17	148	103
min	4	4	6	2	0	0	0	0	0	2	4	0	60	48