

Station Name: Te Pohue Raws (TEP)

Period: 1995-09-23 - 2021-07-01

Length of record: 25 years

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR	FIRE SEASON
Temperature, degrees Celsius														
mean	20.7	20.4	18.5	15.9	13.8	11.3	10.3	11.1	13.1	15.3	16.9	19	15.5	18.1
median	21.1	20.8	18.7	16.1	14	11.6	10.4	11.3	13.3	15.6	17.2	19.1	15.2	18
max	32.6	31.7	28.1	24.5	23.7	19.9	17.3	19.4	22.8	27.2	28.6	27.4	32.6	32.6
min	8.8	10	8.3	3.7	4	3	1.7	0.9	4.2	4.1	5.2	7.9	0.9	3.7
Relative Humidity, %														
mean	63.2	65.4	68.3	70.8	71.7	73.6	74.1	69.8	66.3	62.6	63.1	64.6	67.8	65.4
median	61	62.2	67	68.3	70	71	72.8	68	63	60	61	62	66	63
max	100	100	100	100	100	100	100	100	100	100	100	100	100	100
min	20.9	25.4	21	29	28	38	24	10	22	13	24	25	10	13
Wind Speed, km/h														
mean	12.9	11.1	11.4	10.7	11.2	11.4	12	13.3	14.5	15.2	14.5	13.8	12.7	12.8
median	11.1	9.7	9.8	9.2	9.7	9.7	10.1	11.5	12.9	13.7	12.9	12.4	10.9	11.1
max	57.3	46.8	54	57.8	58	54.3	55.3	69.3	68.3	63.6	51.7	50.3	69.3	63.6
min	2.1	1.1	1.8	0.4	0	0.1	0.1	0.4	0.8	1.9	1.4	1.6	0	0.4
24-hr Rainfall, millimeters														
mean	3.9	3.1	3.6	4.9	3.5	4.8	6	3.7	4	3.2	3	3.5	3.9	3.6
median	0	0	0	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0	0	0.2	0
max	121.2	107	101.6	157	70.2	156.8	150.6	144.8	126	141.8	71.2	140.4	157	157
min	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Monthly Rainfall, millimetres														
mean	120.8	87	115.9	151.9	107.7	140.7	185.3	113.5	120.4	100.6	91.1	110.2	120.4	111.1
max	356.4	203.6	257.6	604.8	243	331.2	423	473	457	271	222.4	324	604.8	604.8
min	18.2	13.8	15.2	19.4	9.6	55.4	47.2	1	20	20.2	27.2	22.8	1	13.8
Seasonal Rainfall, millimetres														
mean													1445	766.9
max													2093.6	1427.8
min													981.2	360.8
Fine Fuel Moisture Code, FFMC														
mean	71.8	70.6	67.2	64.1	63.9	59.7	54.9	63	65.8	70.3	71	70.9	66.1	69.4
median	83.1	81.9	79.8	76	74.9	69.3	63.6	71.8	76.4	79.4	81.3	80.8	77	80.5
max	94.7	93.5	93.8	91.5	90.1	88	89.7	88	92.2	95.1	92.4	92.9	95.1	95.1
min	0.2	0.3	0.5	0.6	0.9	0	0	0.6	0	1.9	0.2	0	0	0
Duff Moisture Code, DMC														
mean	20.6	18.2	14.2	8.9	5.6	3	1.9	3.4	6.5	9.8	14.1	15.9	10.2	14.5
median	16.7	13.4	10	5.4	4	2	1.3	2.5	5.2	8.4	12.3	11.9	6.2	10.6
max	78.8	99	65.8	65.9	27.4	34.6	12	24.2	28.1	29.7	58.2	77.4	99	99
min	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Drought Code, DC														
mean	177.8	198	186.8	146	101.7	46.5	12.5	11.8	18.8	38.3	86.6	125.8	96.1	136.5
median	165.8	176.8	159.3	101.5	44.2	16.5	6	8.9	14.4	33.8	88.2	126.6	49.4	110.9
max	445.7	536.2	653.1	668.9	505.4	438.3	301.9	68.3	74.6	136.8	236.2	341	668.9	668.9
min	6.2	5.4	3.7	1.4	0.4	0.2	0	0	0.5	1.7	3.6	5.4	0	1.4
Initial Spread Index, ISI														
mean	4.2	3.2	2.8	2	1.9	1.4	1.4	1.9	2.8	3.4	3.7	3.4	2.7	3.3
median	3.1	2.4	2	1.4	1.4	1	0.8	1.3	1.7	2.3	2.8	2.4	1.7	2.3
max	36.9	23.2	25.6	22	20.9	19.6	18.3	26.9	28.3	30.9	31.7	38.2	38.2	38.2
min	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Buildup Index, BUI														
mean	30.5	28.1	22.7	14.2	8.6	4.4	2.3	3.8	7	11.6	18.9	22.9	14.6	21.2
median	26.1	21.4	16.7	9.1	6.2	2.9	1.6	3	5.7	10.3	17	18.2	8.6	15.8
max	109.3	132.3	103.4	105.3	47.1	57.8	12.7	25.6	28.9	34.4	69.5	90	132.3	132.3
min	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Fire Weather Index, FWI														
mean	8.5	6.5	5.3	3	2	1.1	0.8	1.3	2.6	4.1	5.9	6.1	3.9	5.6
median	5.9	3.7	2.7	0.8	0.6	0.4	0.2	0.5	0.8	2.3	3.8	3.8	0.9	3
max	71.2	46.7	43	40.9	26.9	23.3	15.3	20.9	24.1	30.6	42.6	65.2	71.2	71.2
min	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Daily Severity Rating, DSR														
mean	2.1	1.4	1.1	0.4	0.2	0.1	0.1	0.1	0.3	0.6	1.1	1.3	0.7	1.2
median	0.6	0.3	0.2	0	0	0	0	0	0	0.1	0.3	0.3	0	0.2
max	51.7	24.5	21.2	19.4	9.2	7.2	3.4	5.9	7.6	11.6	20.8	44.2	51.7	51.7
min	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Monthly Severity Rating, MSR														
mean	67	38.7	34.3	13.5	6.7	3.1	1.6	3.4	9.9	19.9	35.1	39	22.7	35.4
max	264.3	195.9	198.9	62.3	36.5	31.1	10	20.9	29.8	73.4	119.3	236.8	264.3	264.3
min	9.3	1.3	1.1	0.1	0.7	0.1	0	0.2	0.9	3.6	3.3	2.3	0	0.1
Cumulative Daily Severity Rating, CDSR														
mean													272.2	245.3
max													882.8	1090
min													85.6	86.2

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR	FIRE SEASON
Forest Fire Danger Class (FFDC) Frequency														
Low														
mean	14.4	15.9	19.3	23.6	27.7	29.3	30.9	30.6	26.4	21.9	16.8	18.6	275.5	130.2
max	26	29	31	30	31	30	31	31	30	30	29	31	311	168
min	3	4	2	10	12	21	29	24	14	9	5	4	204	59
Moderate														
mean	10.7	9	9.4	5.9	3.2	0.6	0.1	0.4	3.5	8.6	11.2	9.5	72.1	64.8
max	17	19	19	19	17	6	2	7	16	17	20	18	107	91
min	1	0	0	0	0	0	0	0	0	1	1	0	39	42
High														
mean	4	2.5	1.5	0.4	0	0.1	0	0	0	0.4	1.8	2.3	13.2	12.8
max	13	10	11	4	1	3	0	0	1	5	8	11	37	45
min	0	0	0	0	0	0	0	0	0	0	0	0	1	0
Very High														
mean	1	0.4	0.6	0.1	0	0	0	0	0	0	0.2	0.3	2.7	2.7
max	6	5	6	3	1	0	0	0	0	0	2	3	17	22
min	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Extreme														
mean	0.6	0.4	0.3	0	0	0	0	0	0	0	0	0.3	1.6	1.5
max	5	6	4	1	0	0	0	0	0	0	0	6	15	21
min	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Very Extreme														
mean	0.2	0	0	0	0	0	0	0	0	0	0	0	0.2	0.2
max	2	0	0	0	0	0	0	0	0	0	0	1	2	3
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	5.9	5.4	7.6	9	9.9	11.8	14.3	11.2	9.1	6.6	7	6.2	103.9	47.2
max	13	12	15	22	16	21	25	23	20	15	17	15	137	71
min	1	0	1	4	0	4	6	0	2	0	1	3	78	21
Moderate														
mean	10.5	11.1	15.2	18.5	20.2	17.9	16.2	19.4	19.3	20.1	19.3	17.8	205.6	113.2
max	19	17	21	24	28	25	25	29	27	27	27	24	226	137
min	5	3	7	8	10	9	6	8	10	15	12	7	177	74
High														
mean	10	9.3	7.3	2.4	0.8	0.3	0.5	0.4	1.6	4	3.7	6.5	46.7	43.1
max	15	17	21	8	5	1	2	2	6	10	15	15	70	83
min	4	0	0	0	0	0	0	0	0	0	0	0	21	24
Very High														
mean	3.7	1.9	0.7	0	0	0	0	0	0	0.3	0	0.5	7.2	6.9
max	9	7	3	1	1	0	0	1	1	2	1	5	20	24
min	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Extreme														
mean	0.9	0.5	0.3	0	0	0	0	0	0	0	0	0.1	1.8	1.8
max	4	5	2	0	0	0	0	0	0	0	0	1	11	12
min	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Very Extreme														
mean	0.1	0	0	0	0	0	0	0	0	0	0	0	0.1	0.1
max	1	0	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
Scrub Fire Danger Class (SFDC) Frequency														
Low														
mean	7.3	7.3	8.8	10	10.1	11.7	14.4	11	9.2	7.4	7.1	7.5	111.8	54.8
max	15	16	17	22	16	21	24	22	20	15	17	17	146	81
min	1	2	1	4	0	4	6	0	1	1	1	3	81	27
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	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	2.9	3.4	3.8	4.1	4.6	6	4.7	4	2.9	3.5	2.6	3.6	46.1	23.9
max	9	9	8	10	10	12	10	10	7	8	8	11	72	37
min	1	0	1	1	1	2	1	0	1	1	0	1	26	12
Very High														
mean	3	2.6	3	4.4	5.1	5	4	4.9	4	3.4	3.2	3	45.4	22.8
max	7	6	7	9	13	10	10	9	9	9	8	7	62	36
min	1	0	0	1	2	0	1	1	1	0	1	0	34	8
Extreme														
mean	5.3	6.6	8.2	7.6	8.1	5.2	6.2	7.5	7	7.6	6.8	7.3	83.4	49.9
max	14	14	15	11	16	10	16	13	12	15	13	12	100	64
min	2	1	2	1	1	1	1	2	1	2	3	2	44	26

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Very Extreme														
mean	12.6	8.5	7.2	4	3.1	1.9	1.8	3.5	6.8	9.2	10.4	9.6	78.4	60.9
max	23	22	20	12	11	8	5	12	14	19	21	22	132	121
min	2	0	0	0	0	0	0	0	2	4	3	2	39	30