

Station Name: Paeroa (PAX)

Period: 1991-10-01 - 2021-07-01

Length of record: 29 years

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR	FIRE SEASON
<b>Temperature, degrees Celsius</b>														
mean	22.8	23.1	21.3	18.7	15.9	13.4	12.6	13.3	15.1	16.7	18.6	20.9	17.7	20.3
median	23	23	21	19	16	14	12.9	13.6	15	17	18.6	21	17.8	20
max	30.9	31	28.7	26	22	19.8	19	18.3	20.5	22	25.4	27	31	31
min	14	13	14	11	6.8	4.8	5.4	6	7.6	7	11	13	4.8	7
<b>Relative Humidity, %</b>														
mean	60.6	61.2	63.3	69.1	75.6	78.4	78	73.8	69.9	67.3	64.1	63.8	68.7	64.2
median	59	59	62	68.5	75	78	78	73	69	66	62	62	68	63
max	97	98	98	99	100	100	100	100	98	97	99	96	100	99
min	30	32	35	42	45	44	46.2	39.3	45	34	26	34	26	26
<b>Wind Speed, km/h</b>														
mean	13.2	13	12.6	11.4	11.4	11.8	12.4	13.2	15.4	15.6	15.5	14	13.3	13.6
median	13	13	11.3	11	11	11	11.1	13	15	15	15	13	13	13
max	43	46	61.1	48	44	61	44	43	51	56	57	46	61.1	61.1
min	0	0	0	0	0	0	0	0	0	1.9	2	1.9	0	0
<b>24-hr Rainfall, millimeters</b>														
mean	2.2	2.8	2.9	3.2	3.1	4.7	5.8	3.6	3	2.8	2.6	2.8	3.3	2.8
median	0	0	0	0	0.2	0.4	0.4	0.4	0.2	0.2	0	0	0	0
max	90.6	146.2	105	117.4	77.3	192	137	63.8	54.4	160.6	101.8	82.2	192	160.6
min	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Monthly Rainfall, millimetres</b>														
mean	68	81.9	89.1	98.2	98	140.1	178.8	110.3	90.1	86.7	77.2	88.9	100.6	84.3
max	204.4	329	335.4	283.8	318.7	477.9	423.4	191.6	211.6	206.8	208.8	256.2	477.9	335.4
min	0	7.8	12.4	18.4	1	0	0	0	11.2	26.4	18.4	0	0	0
<b>Seasonal Rainfall, millimetres</b>														
mean													1207.4	585.2
max													2080.7	915.2
min													639	293
<b>Fine Fuel Moisture Code, FFMC</b>														
mean	79.9	79.1	77.6	72.3	66.1	59	56.8	62.1	68.5	71.6	74.7	76	70.3	75.9
median	85.7	85.5	84.1	79.9	73.7	62.5	59.3	66.8	74.9	78.6	81.6	83.3	78.2	82.9
max	90.5	91.4	90.6	88.7	87	84.6	85	87.2	86.9	89.1	89.9	90.3	91.4	91.4
min	9.7	17.4	13	10.9	9.9	4.2	1.1	3.7	14.3	8.9	19.7	8.3	1.1	8.3
<b>Duff Moisture Code, DMC</b>														
mean	28.1	34.5	22.4	11.3	6.2	2.8	2.2	3.5	6.9	8.2	12.5	18.3	13	19.2
median	22.8	25.3	15.8	8.1	4	1.1	0.8	1.5	4.3	7	11.3	14.9	7.3	13.3
max	136.4	194.9	116.2	56.4	41.5	44.7	39.8	55.9	73.3	40.4	41.1	74.3	194.9	194.9
min	1.4	0.3	0.6	0	0	0	0	0	0	0	0.3	0	0	0
<b>Drought Code, DC</b>														
mean	253.2	323.4	284.7	223	152	73.9	27.8	20.3	29.6	48.3	98.3	167.8	141.9	198.6
median	245.7	306.6	263.9	202.9	117.2	29.8	7.6	7.5	13.9	32.9	89.9	161.6	90.4	163.3
max	840	1008.7	979.3	575	494.1	398.8	263.9	333.4	384.2	410.2	360.2	587.1	1008.7	1008.7
min	7.1	6.4	4.9	3.4	1.3	1	0.8	1	1.1	2.2	4.4	6.5	0.8	2.2
<b>Initial Spread Index, ISI</b>														
mean	4.2	4.1	3.3	2.2	1.6	1	0.9	1.3	2.1	2.5	3.1	3.3	2.5	3.2
median	4	4	3.2	1.9	1.3	0.8	0.7	1	1.7	2.2	2.8	3.1	1.9	3
max	16.9	20.2	15.4	11.8	10.7	7.6	10.1	8.9	10.6	13.8	20.2	16.6	20.2	20.2
min	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Buildup Index, BUI</b>														
mean	42.7	52.4	35.8	19	10.3	4.6	3.3	4.7	8.4	10.7	18	27.6	19.7	29.3
median	36.6	41	25.9	13.9	7	1.9	1.2	1.9	4.8	8.9	17	23.6	11	20.8
max	194	262.9	165.9	89.1	65.3	69.8	57.8	78.8	99.3	64.1	52.7	104	262.9	262.9
min	2.3	0.6	1	0	0	0	0	0	0	0	0.6	0	0	0
<b>Fire Weather Index, FWI</b>														
mean	10.1	11.1	7.6	3.6	1.9	0.7	0.6	0.9	2	2.8	4.8	6.5	4.4	6.6
median	9	9.5	6.2	2.3	0.6	0.2	0.2	0.3	0.7	1.9	4	5.7	1.6	4.8
max	46.8	53.5	49.7	22.3	19.6	12	15.5	19.4	23.7	25.6	31.8	33.5	53.5	53.5
min	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Daily Severity Rating, DSR</b>														
mean	2.3	2.8	1.5	0.5	0.2	0	0	0.1	0.2	0.3	0.7	1.1	0.8	1.3
median	1.3	1.5	0.7	0.1	0	0	0	0	0	0.1	0.3	0.6	0.1	0.4
max	24.6	31.1	27.4	6.6	5.3	2.2	3.5	5.2	7.4	8.4	12.4	13.6	31.1	31.1
min	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Monthly Severity Rating, MSR</b>														
mean	70.8	78.7	47.8	14.4	6	1.4	1.4	2.6	6.1	9.5	20.2	34.5	24.5	39.4
max	231.3	325	204.4	55.9	69.7	16.9	29.3	48.7	66.2	44.8	70	129.7	325	325
min	9	7	9.7	0.9	0.2	0	0	0.1	0.5	0.9	3.7	2.4	0	0.9
<b>Cumulative Daily Severity Rating, CDSR</b>														
mean													293.5	274.6
max													854.3	920
min													108.1	118.1

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR	FIRE SEASON
<b>Forest Fire Danger Class (FFDC) Frequency</b>														
<b>Low</b>														
mean	9	8.4	12.8	21.1	27.8	29	30.1	30	27.8	26.4	17.8	14	254.1	109.5
max	24	23	24	30	31	30	31	31	30	31	28	29	299	140
min	0	0	1	4	3	11	6	3	4	9	9	0	149	56
<b>Moderate</b>														
mean	14.7	12.4	14.8	8.4	3	1	0.8	1	2.1	4.4	11.8	14.8	89.2	81.2
max	23	22	23	26	21	19	24	27	21	20	21	23	193	105
min	5	1	6	0	0	0	0	0	0	0	2	2	56	65
<b>High</b>														
mean	5.9	4.8	2.5	0.4	0.2	0	0	0	0.2	0.1	0.4	2	16.5	16.3
max	16	15	13	4	7	0	1	1	5	1	8	17	37	41
min	0	0	0	0	0	0	0	0	0	0	0	0	0	2
<b>Very High</b>														
mean	1	1.9	0.7	0	0	0	0	0	0	0	0	0.2	3.9	3.7
max	8	11	7	0	0	0	0	0	0	1	1	2	24	26
min	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Extreme</b>														
mean	0.4	0.7	0.2	0	0	0	0	0	0	0	0	0	1.4	1.4
max	3	7	3	0	0	0	0	0	0	0	0	1	13	13
min	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Very Extreme</b>														
mean	0	0.1	0	0	0	0	0	0	0	0	0	0	0.2	0.2
max	1	2	1	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
<b>Grass Fire Danger Class (GFDC) Frequency</b>														
<b>Curing sources (Hauraki/Matamata Piako/Waikato)</b>														
Curing%	70	70	60	40	40	40	40	40	40	40	40	60		
<b>Low</b>														
mean	2.2	2.3	3.6	6.2	9.8	14.5	15.8	12.4	7.4	5.4	4	4.2	87.7	27.9
max	8	6	8	14	20	25	28	22	17	11	10	13	130	41
min	0	0	0	1	0	0	0	0	1	0	0	0	28	13
<b>Moderate</b>														
mean	18.7	17.1	26.4	23.7	21.1	15.5	15.2	18.6	22.4	25.2	25	26	254.9	162
max	25	24	31	29	30	30	31	31	29	31	29	30	321	177
min	11	5	22	16	11	5	3	9	13	20	20	18	226	142
<b>High</b>														
mean	9.9	8.7	1	0.1	0.1	0	0	0	0.1	0.4	1	0.8	22.3	22
max	20	21	5	2	2	0	1	1	1	3	6	5	46	48
min	1	3	0	0	0	0	0	0	0	0	0	0	8	8
<b>Very High</b>														
mean	0.2	0.2	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
<b>Extreme</b>														
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
<b>Very Extreme</b>														
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
<b>Scrub Fire Danger Class (SFDC) Frequency</b>														
<b>Low</b>														
mean	3	3	4	6.3	9.7	13.8	15.8	12.7	8.7	6.9	5	4.9	93.7	33.1
max	9	9	10	13	20	26	29	21	21	11	10	14	140	48
min	0	0	0	1	0	0	0	0	1	1	1	0	36	15
<b>Moderate</b>														
mean	0	0	0	0	0	0.1	0.1	0	0	0	0	0	0.3	0
max	0	0	1	0	1	1	1	0	0	0	0	0	2	1
min	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>High</b>														
mean	2.1	2.2	2.1	4	6	6.9	6.1	5.3	3.5	2.6	2.3	2.6	45.6	17.9
max	5	8	6	7	12	13	14	11	9	7	8	5	67	27
min	0	0	0	1	0	2	0	2	1	0	0	0	29	11
<b>Very High</b>														
mean	2.5	2.5	3.8	5.4	6.6	5.3	5.7	6.3	5.2	5.3	4.4	3.4	56.5	27.3
max	6	6	9	11	14	13	16	13	9	8	9	7	80	41
min	0	0	0	1	0	1	1	1	1	1	1	0	44	15
<b>Extreme</b>														
mean	8.8	7.9	11.7	10.1	7.3	3.5	2.9	5.6	9.3	10.9	9.9	11	98.9	70.1
max	17	15	19	15	18	15	10	17	16	19	15	18	147	89
min	3	1	4	4	2	0	0	1	2	5	5	5	70	49

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR	FIRE SEASON
<b>Very Extreme</b>														
mean	14.6	12.7	9.4	4.2	1.4	0.5	0.4	1	3.3	5.3	8.3	9.2	70.3	63.8
max	26	26	22	11	13	3	3	4	14	14	15	22	114	99
min	4	3	4	0	0	0	0	0	0	0	2	2	42	34