

Station Name: Bucklands Raws (Bucklands)

Period: 2007-07-30 - 2021-07-01

Length of record: 13 years

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR	FIRE SEASON
<b>Temperature, degrees Celsius</b>														
mean	17.2	17.1	16.3	14.3	11.7	9.3	9	9.9	11.6	13.1	14.7	16.2	13.4	15.5
median	16.9	16.6	16.1	14	11.5	9.1	8.6	9.7	11.3	12.8	14.4	16	13.3	15.4
max	31.9	31.2	27.3	25.3	24.8	19.4	17.3	20.1	22.1	26.4	29.4	32.1	32.1	32.1
min	8.8	9.2	6.8	5.5	2.9	2.4	2.2	1.8	-1.3	2.6	5.9	6.8	-1.3	2.6
<b>Relative Humidity, %</b>														
mean	70.2	71.7	70.6	70.1	72	73.9	70.9	72	66.6	65.6	67.8	70.9	70.2	69.5
median	72	73	72	71	72	74	71	72	68	67.5	73	73	72	72
max	100	100	100	100	100	100	100	100	100	100	100	100	100	100
min	26	20	27	33	31	37	33	30	14	24	17	23	14	17
<b>Wind Speed, km/h</b>														
mean	16.6	15	14	12.6	10.5	10	10.1	11.9	15.8	18.1	18.2	17.6	14.2	16
median	15.8	14.8	13.3	11.2	8.1	7.7	7.6	9.4	13.3	16.2	17.3	16.7	13.3	15.1
max	59.8	39.2	62.3	63.1	75.5	71.5	59.5	61.9	87.1	68.4	79.7	71.1	87.1	79.7
min	3.2	0	1.4	1.4	1.1	0.7	1.1	1.1	1.8	1.8	1.4	2.2	0	0
<b>24-hr Rainfall, millimeters</b>														
mean	2.3	2.4	1.4	2.2	2.4	1.7	1.6	1.5	1.5	1.9	1.4	1.9	1.9	1.9
median	0	0	0	0	0	0	0	0	0	0.2	0	0	0	0
max	101.8	84.6	36	81.4	68.6	66.8	109.2	40.8	97	42.2	25.6	48.6	109.2	101.8
min	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Monthly Rainfall, millimetres</b>														
mean	61.1	73	44.9	63	75.9	49.4	45.2	47.5	44.4	56.9	43.1	57.9	55.2	57.1
max	115.8	189.8	78	143	240.2	230.4	162.2	100.8	125.6	138	101.2	128.2	240.2	189.8
min	21.8	15.2	11	11.8	7.8	6.4	6.8	16.4	19.6	27	13	8.6	6.4	8.6
<b>Seasonal Rainfall, millimetres</b>														
mean													662.4	412.3
max													955.6	581.8
min													476.4	233.8
<b>Fine Fuel Moisture Code, FFMC</b>														
mean	72.3	73.4	73.4	70.4	66.1	66.2	69.8	67.2	73.1	71.6	74.9	72	70.9	72.6
median	80.1	80.6	79.7	79.9	76	74.8	77.4	76.9	79.5	79.7	80.5	78.8	78.7	79.9
max	93.1	93.9	91.4	91	90	88.4	87.8	89.1	90.3	93.4	95.2	93.5	95.2	95.2
min	0.2	2.8	7.2	0.9	6.4	4.1	3.3	2.1	15	2.9	4.3	4.3	0.2	0.2
<b>Duff Moisture Code, DMC</b>														
mean	15.4	15.1	15	14	6.8	5.2	6	6	9.8	10.5	15.2	16	11.3	14.5
median	11.8	14.4	12.9	10.5	6	3	5	5	8.7	9.3	13.4	13.9	8.7	12.3
max	59	34.8	65	59.4	29.7	20.6	22.8	24.5	36.9	33.4	50.9	54.8	65	65
min	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Drought Code, DC</b>														
mean	295	318.1	327.1	333.4	246	163.1	161.5	112.4	101.8	109.3	164.4	245.1	214.6	255.3
median	298.3	297	292.8	273.2	208.9	146.1	186.3	83.4	89.3	107.8	158	237.8	194.8	226.5
max	621.3	572.1	650.2	668.6	651.1	444.6	392.9	337.7	298.7	288.9	384.6	477.5	668.6	668.6
min	5.9	69.6	32	39.7	0.4	0.1	0.8	0.8	1.2	2.6	31.2	75.3	0.1	2.6
<b>Initial Spread Index, ISI</b>														
mean	3.4	3.2	3	2.7	1.9	1.6	1.9	2.1	3.5	3.7	4	3.5	2.9	3.4
median	2.6	2.5	2	1.9	1.2	1.1	1.4	1.4	2.3	2.6	2.8	2.3	1.9	2.4
max	41	35.3	26.1	53.7	33	17.3	21.2	35.4	48.5	71.7	83.9	52.8	83.9	83.9
min	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Buildup Index, BUI</b>														
mean	26.5	26.4	26.4	24.5	12.4	9.1	10.1	9.6	14.4	16.2	23.7	26.4	18.8	24.3
median	21.3	25.3	23.4	19.3	11	4.9	8.2	7.7	13.5	14.2	21.8	24.2	14.8	21.1
max	95.2	59	104.1	97	53.4	36.1	37.2	40.4	43.9	50.4	69.6	76.4	104.1	104.1
min	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Fire Weather Index, FWI</b>														
mean	6.2	5.9	5.8	4.9	2.2	1.6	2	2	4.4	5.1	6.7	6.3	4.4	5.9
median	4.6	4.7	3.6	2.9	0.8	0.6	0.8	0.8	2.5	3.3	4.9	4.1	2.3	4
max	53.3	49.7	49	62.5	47.6	19.2	17.9	34.8	46.7	73.4	90.2	50.5	90.2	90.2
min	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Daily Severity Rating, DSR</b>														
mean	1.2	1.1	1.2	0.9	0.3	0.1	0.2	0.3	0.8	1	1.5	1.3	0.8	1.2
median	0.4	0.4	0.3	0.2	0	0	0	0	0.1	0.2	0.4	0.3	0.1	0.3
max	30.9	27.4	26.7	41.1	25.3	5.1	4.5	14.5	24.5	54.6	78.5	28.1	78.5	78.5
min	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Monthly Severity Rating, MSR</b>														
mean	39.8	30.2	37.3	23.9	9.8	4.8	5.9	7.5	22.9	30.9	46.1	40.6	25	35.5
max	117.6	92.3	201.9	59.2	51.5	15.2	22.1	25.3	69.6	156.9	164.7	69.7	201.9	201.9
min	8.3	5.6	0.9	0.2	0.6	0.3	0.1	0.3	3.7	1.7	4.9	6.3	0.1	0.2
<b>Cumulative Daily Severity Rating, CDSR</b>														
mean													299.8	248
max													550	531.7
min													136.2	64.2

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<b>Forest Fire Danger Class (FFDC) Frequency</b>														
<b>Low</b>														
mean	15.7	14.2	18.7	19.1	27.6	27.5	27.2	28.2	21.5	18.4	15	16.5	249.4	116.6
max	25	27	31	30	31	30	31	31	29	31	28	26	300	167
min	4	4	2	4	17	18	8	19	9	5	1	3	200	66
<b>Moderate</b>														
mean	13	13.1	10.2	9.8	3.2	2.5	3.8	2.8	7.7	11.6	12.5	12.5	102.6	83.6
max	25	22	23	23	12	12	23	12	19	23	23	26	143	116
min	6	1	0	0	0	0	0	0	1	0	2	4	62	43
<b>High</b>														
mean	1.5	0.8	1.1	1	0	0.1	0	0.1	0.8	0.7	1.5	1.4	9	8
max	6	5	8	4	0	1	0	1	5	4	9	4	20	26
min	0	0	0	0	0	0	0	0	0	0	0	0	2	0
<b>Very High</b>														
mean	0.5	0.1	0.4	0.2	0.1	0	0	0	0	0.2	0.5	0.5	2.5	2.4
max	3	1	3	1	1	0	0	0	0	3	3	2	10	7
min	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Extreme</b>														
mean	0.2	0.2	0.5	0	0.1	0	0	0	0	0.1	0.2	0.2	1.5	1.4
max	1	2	6	0	1	0	0	0	0	1	3	2	6	6
min	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Very Extreme</b>														
mean	0	0	0.1	0	0	0	0	0	0	0	0.2	0	0.2	0.2
max	0	0	1	0	0	0	0	0	0	0	1	0	1	2
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 source</b> Otago (Coastal Otago)														
<b>Curing%</b>	60	70	60	60	30	30	30	40	50	50	40	60		
<b>Low</b>														
mean	5.4	3.8	5.2	7.1	11.5	10.2	8.2	8.9	4.8	5.1	3.8	5.5	79.5	35.9
max	14	10	11	18	22	20	21	20	9	12	8	17	108	66
min	2	0	1	1	2	1	1	2	2	1	0	1	55	22
<b>Moderate</b>														
mean	23.7	20.5	24.1	21.9	18.7	19.5	22.5	21.4	21.6	22.6	23.3	23.5	263.2	159.3
max	29	25	28	28	29	29	30	28	26	29	30	29	293	174
min	15	17	20	12	9	10	10	10	17	16	17	14	242	136
<b>High</b>														
mean	1.8	3.5	1.6	0.9	0.8	0.3	0.3	0.5	3.2	2.6	2.5	1.5	19.5	14.9
max	5	8	8	3	3	1	2	2	8	7	7	3	30	28
min	0	0	0	0	0	0	0	0	0	0	0	0	9	5
<b>Very High</b>														
mean	0.1	0.2	0.1	0.1	0.1	0	0	0.2	0.4	0.5	0.3	0.5	2.5	1.8
max	1	1	1	1	1	0	0	1	2	3	2	2	6	7
min	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Extreme</b>														
mean	0	0.2	0	0	0	0	0	0	0.1	0.2	0.1	0	0.5	0.4
max	0	2	0	0	0	0	0	0	1	2	1	0	3	2
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	5.6	4.6	5	7.2	8.9	7.5	5.9	8.4	5.8	6.5	4.2	6.2	75.8	39.3
max	13	11	10	18	19	14	16	20	12	13	9	16	95	69
min	3	1	2	1	1	1	0	2	3	1	0	2	58	25
<b>Moderate</b>														
mean	0	0	0	0	0	0	0.1	0	0	0	0	0	0.1	0
max	0	0	0	0	0	0	1	0	0	0	0	0	1	0
min	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>High</b>														
mean	2.6	2.8	4.4	3.2	7.5	7.5	7.8	5.5	4.4	2.6	2.2	2.8	53.3	20
max	7	6	14	7	16	13	14	10	10	8	5	5	79	36
min	0	0	0	0	2	3	2	2	0	0	0	0	41	8
<b>Very High</b>														
mean	4.6	4.8	7	6.3	6.5	7.5	7.6	7.6	4.5	4.2	4.7	5.8	71.2	36.9
max	9	12	15	14	13	11	13	14	12	9	8	10	90	57
min	1	0	1	3	1	3	3	1	1	1	3	3	55	25
<b>Extreme</b>														
mean	10.5	9.5	8.2	9.1	5.7	5.7	6.8	6.9	8.6	9.2	10.2	9.1	99.5	66.5
max	17	13	18	17	14	12	15	14	17	14	17	18	137	82
min	3	5	4	2	1	0	0	3	3	0	4	4	76	43

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR	FIRE SEASON
<b>Very Extreme</b>														
mean	7.7	6.5	6.4	4.2	2.3	1.8	2.7	2.6	6.8	8.5	8.8	7.2	65.4	49.6
max	14	13	18	11	4	4	7	6	14	17	19	12	95	82
min	2	1	0	0	0	0	0	0	2	0	1	2	38	26