

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR	FIRE SEASON
Temperature, degrees Celsius														
mean	21.1	21.2	19.6	16.9	14.6	11.9	11.2	12.3	14	16	17.7	19.9	16.4	18.9
median	21.2	21.3	19.8	16.9	14.6	11.9	11.4	12.3	14	15.9	17.7	20	16	18.9
max	34.8	32.6	28.4	24.7	24.9	19.1	17.4	19.4	21.9	33.3	33.8	35	35	35
min	9.7	9	8.7	8.1	0.9	1.9	3.8	3	2.9	6.5	7.4	8.7	0.9	6.5
Relative Humidity, %														
mean	57.5	57.8	58.2	61	62	64.7	63.8	63.1	62.2	61.5	58.8	57.6	60.7	58.9
median	57.8	57	58	59.6	61	64	62	62	61.8	62	59	58	60	58.7
max	100	100	100	100	100	100	100	100	100	100	99.2	99.9	100	100
min	18	20.8	20.7	24	22	27	29	27	22	18	15.5	18	15.5	15.5
Wind Speed, km/h														
mean	21.2	20.4	19.7	17.8	16.4	14.9	15.5	17.4	20.8	22.3	22.8	21.7	19.3	20.9
median	19.5	19.1	17.7	16.5	14.8	13	14.3	15.9	19.2	20.6	21	20.5	18.2	19.4
max	52.7	50	55.7	52.6	70.6	57	50.1	60.7	58.6	62.1	61.1	60.9	70.6	62.1
min	0	0	2.1	0.4	0	0	0.7	0.2	0	2.1	3.6	3	0	0
24-hr Rainfall, millimeters														
mean	1.2	1.2	1.2	1.9	1.8	2.2	1.8	1.7	1.6	1.6	1.6	1.4	1.6	1.4
median	0	0	0	0	0	0	0	0	0	0	0	0	0	0
max	77.8	69.4	42.4	73.8	54	52.2	77	45.4	42.4	32.4	56	54.6	77.8	77.8
min	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Monthly Rainfall, millimetres														
mean	38	35.7	36.6	56.5	54.5	66.5	57.4	52.8	46	51.4	46.8	43.6	48.8	44.1
max	119.8	148.6	73	189.2	173.8	184.6	132.4	147.2	101.6	116.6	139.6	100	189.2	189.2
min	3	5.2	8.8	2.2	13.2	15	7.8	9.4	7.4	8.8	4.2	9.8	2.2	2.2
Seasonal Rainfall, millimetres														
mean													585.9	305.8
max													966.6	554.8
min													404	90.6
Fine Fuel Moisture Code, FFMC														
mean	82	82.7	81.7	77.6	75.1	71.1	72.8	73.6	75.7	76.6	79.4	81.1	77.5	80.1
median	86.3	86.3	86	84.7	83.1	80.4	81	81.5	83	83.5	84.9	85.9	84.2	85.4
max	95.2	94.2	93.3	92.3	91.3	90.2	88.8	89.8	91.7	94.6	95.8	94.2	95.8	95.8
min	12	8.5	11.9	2.6	2.8	7.1	2.7	7.4	17.6	7.2	11.7	20	2.6	2.6
Duff Moisture Code, DMC														
mean	42.9	50	41.1	28.2	17.6	8.6	6.1	8.2	12.5	15.1	26.8	34.9	24.3	34
median	37.6	41.7	35.3	20.9	12.4	6.5	5.5	6.7	11.1	13	22	27.6	16	27.1
max	143.4	157	165.1	113.5	98.5	40.3	21.2	28.6	42	50.1	116.8	117	165.1	165.1
min	0.4	3.2	1.6	0	0	0	0	0	0	0	1.4	2.7	0	0
Drought Code, DC														
mean	414	517.6	536.7	485	403.5	280.9	196.6	157.8	147.7	147.1	213.1	310.1	317.3	373.2
median	404.7	499.2	530.9	486	430.9	286	214.9	141	147.3	139.2	189.5	292.2	288.2	354.1
max	917.7	1116	1182.5	1163.9	1087.4	931.8	614.9	477.2	455	441.3	498	689.3	1182.5	1182.5
min	102.3	114.4	115.8	4.3	1.7	0.5	1.2	0.7	1.4	3.2	4.8	57.9	0.5	3.2
Initial Spread Index, ISI														
mean	8.8	8.2	7.5	5.5	4.5	3.3	3.3	3.9	5.5	6.6	8.2	8.5	6.2	7.6
median	6.8	6.3	5.7	4.4	3.3	2.3	2.4	3	4	4.5	5.5	6.4	4.4	5.7
max	64.6	60.6	54.3	31.7	32.1	44.1	33.9	38.2	41.2	66	77.9	65.4	77.9	77.9
min	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Buildup Index, BUI														
mean	66.2	78.2	67.6	47.9	30.6	15.3	10.3	13.1	18.8	22.3	39	52.5	38.4	53.2
median	60.3	68.8	60.5	37	22.5	12	8.5	10.8	16.3	19	33.6	43.9	26.7	43.6
max	206.2	224.2	244.8	182.5	160.6	72.7	37.2	40.8	61.3	72.5	147.2	159.5	244.8	244.8
min	0.9	6.1	3.2	0	0	0	0	0	0	0	2.6	4.9	0	0
Fire Weather Index, FWI														
mean	21.3	21.9	19.1	13.2	8.5	4.6	3.6	4.9	8	9.8	15.7	18.6	12.4	17
median	18.4	19.3	16.6	10.6	5.9	2.5	2.1	3.5	5.9	7	12	15.5	8.5	14
max	104.9	112.5	88.7	67.1	59.2	65.9	39.1	36.4	41.9	67.1	121.7	111.4	121.7	121.7
min	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Daily Severity Rating, DSR														
mean	8.3	8.4	7	4	2.1	0.9	0.5	0.8	1.8	2.6	5.7	7	4.1	6.1
median	4.7	5.1	3.9	1.8	0.6	0.1	0.1	0.2	0.6	0.9	2.2	3.5	1.2	2.9
max	102.7	116.1	76.3	46.5	37.3	45	17.9	15.8	20.2	46.6	133.5	114.1	133.5	133.5
min	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Monthly Severity Rating, MSR														
mean	259.1	240.8	216.1	120.9	65.2	26.6	14.7	25	53.4	82.4	174	213.8	124.3	186.8
max	630.9	545.5	526.4	385	249.1	118.6	41.6	68.8	137.5	186.6	875	736.8	875	875
min	40.8	40.3	26.5	7.1	11.9	0.7	1.5	2.6	14.6	10.1	17.6	15.5	0.7	7.1
Cumulative Daily Severity Rating, CDSR														
mean													1492.2	1299.3
max													2441.7	3249.5
min													397.1	588.8

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Forest Fire Danger Class (FFDC) Frequency														
Low														
mean	4.2	2.8	4.6	8.8	13.8	20.9	24.6	20.4	14.1	12.5	7.4	5	139.3	45.2
max	19	11	21	26	28	30	31	31	25	26	22	22	231	102
min	0	0	1	0	2	3	13	6	3	1	0	0	81	10
Moderate														
mean	9	8.2	10.7	11.2	12.9	8	6.3	9.9	12.5	12.9	11.8	11.5	124.7	75
max	18	17	21	19	21	21	18	23	19	22	22	21	152	105
min	0	2	3	2	2	0	0	0	5	5	1	5	76	37
High														
mean	7	7.2	6.7	5.7	2.7	0.7	0.1	0.7	2.7	3.8	5.5	7.2	49.7	43.6
max	17	15	12	12	11	5	1	3	9	10	11	15	77	67
min	2	2	1	0	0	0	0	0	0	0	0	1	20	23
Very High														
mean	3.9	4	3.8	1.9	0.7	0.2	0	0	0.7	0.9	2.2	3	21.2	19.5
max	10	10	9	8	4	3	1	1	3	3	8	8	39	39
min	0	0	0	0	0	0	0	0	0	0	0	0	5	6
Extreme														
mean	4.4	3.8	3.4	1.7	0.7	0.2	0	0	0.1	0.9	1.8	2.7	19.8	19
max	11	10	11	10	4	2	0	0	2	6	10	9	41	40
min	0	0	0	0	0	0	0	0	0	0	0	0	0	4
Very Extreme														
mean	2.5	2.2	1.8	0.7	0.3	0	0	0	0	0	1.3	1.6	10.6	10
max	10	11	9	4	3	1	0	0	0	1	12	11	26	44
min	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Grass Fire Danger Class (GFDC) Frequency														
Curing sourcelandborough (Marlborough/Kaikoura)														
Curing%	90	95	80	65	55	50	45	55	65	70	80	85		
Low														
mean	1.5	0.9	1.4	3.2	4.3	6	5.3	4.8	3.3	2.8	1.7	1.6	36.9	12.9
max	6	4	7	13	12	13	16	15	8	9	6	5	71	29
min	0	0	0	0	1	2	0	0	0	0	0	0	21	3
Moderate														
mean	5.7	4.2	8.5	17	20.1	20.9	22.8	20.8	17.2	14.3	9.2	7.2	167.9	66.1
max	14	10	18	22	27	25	28	28	24	22	20	21	205	89
min	0	1	3	6	10	15	13	14	11	6	1	2	138	45
High														
mean	11.3	11.9	14.5	8.7	5.7	2.7	2.9	4.9	8	10	11.2	12.4	104.2	80.3
max	20	21	21	19	11	8	9	9	17	17	18	18	121	105
min	6	6	8	1	2	0	0	1	3	5	3	6	84	58
Very High														
mean	6.5	6.2	3.8	1.1	0.9	0.3	0	0.4	1.5	3.2	4.4	5.7	33.9	31.2
max	13	11	10	5	3	2	1	2	4	7	10	11	53	49
min	0	0	0	0	0	0	0	0	0	0	0	1	15	12
Extreme														
mean	5.2	4.2	2.7	0	0	0.1	0	0	0.1	0.7	3.1	3.5	19.6	18.9
max	10	8	10	0	0	1	0	1	1	3	10	9	36	40
min	0	0	0	0	0	0	0	0	0	0	0	0	4	5
Very Extreme														
mean	0.7	0.9	0.2	0	0	0	0	0	0	0	0.4	0.6	2.8	2.8
max	2	4	2	0	0	0	0	0	0	0	4	4	8	11
min	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Scrub Fire Danger Class (SFDC) Frequency														
Low														
mean	2.3	1.8	2.3	4	4.7	6.7	5.8	5.7	4.5	4.4	2.8	2.8	47.6	19.9
max	8	7	9	16	12	13	16	14	9	12	9	9	81	37
min	0	0	0	0	0	2	1	0	1	0	0	0	29	3
Moderate														
mean	0	0	0	0	0	0	0	0	0	0	0	0	0	0
max	0	0	0	0	1	0	0	0	0	0	0	0	1	0
min	0	0	0	0	0	0	0	0	0	0	0	0	0	0
High														
mean	0.7	0.4	1	1.2	2.5	3.3	3.7	2.5	1.3	1.2	1.2	0.5	19.6	6.1
max	3	2	4	4	5	8	9	6	3	5	5	3	34	13
min	0	0	0	0	0	0	0	0	0	0	0	0	8	1
Very High														
mean	1.8	1.2	1.8	2.1	3.1	3.5	4.2	3.4	2.5	2.5	1.8	1.6	29.5	12.8
max	6	5	5	5	8	8	9	7	5	7	7	9	45	24
min	0	0	0	0	0	0	1	0	0	0	0	0	20	4
Extreme														
mean	4.4	4	5.5	7.2	8.8	8.5	8.8	9.1	7.3	6.3	5.7	5.3	81.1	38.7
max	11	9	13	13	17	17	15	16	16	10	13	10	103	54
min	1	0	1	1	3	3	5	3	3	2	1	1	66	26

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Very Extreme														
mean	21.8	20.8	20.5	15.6	11.9	7.9	8.5	10.3	14.4	16.6	18.5	20.7	187.5	134.7
max	30	27	27	29	22	15	16	21	24	24	29	29	227	169
min	9	14	9	4	6	1	2	2	5	9	6	6	131	96