

Station Name: Cannington Raws (CAN)

Period: 1994-02-24 - 2021-07-01

Length of record: 27 years

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR	FIRE SEASON
Temperature, degrees Celsius														
mean	18.5	18.2	16.8	14.1	11.3	8.4	7.9	9.6	11.9	13.6	15.3	17.2	13.5	16.2
median	18	17.9	16.4	13.8	10.8	8	7.6	9.3	11.5	13.2	14.8	16.8	13.1	15.8
max	33.2	33.8	31.9	26.4	24.2	20.7	17.9	20.6	24.2	27	30	31.8	33.8	33.8
min	8.2	6.7	7	6.1	3.2	-0.3	-1.3	0	2.3	4.1	1.3	5.6	-1.3	1.3
Relative Humidity, %														
mean	62.6	65.4	64.8	66.5	67.6	68.5	66.7	65.1	61	62.1	62.4	63.3	64.7	63.9
median	64	67	65	66.9	69	70	67	65.3	61.5	65	64.6	65	66	65
max	100	100	100	100	100	100	100	100	100	100	100	100	100	100
min	8	12.8	19	15.2	19	19	13	18	14	19	21	12	8	8
Wind Speed, km/h														
mean	16	13.9	12.8	12.8	11.8	11.1	10.8	12.6	15.8	17.5	18.1	16.5	14.1	15.4
median	13.8	11.9	10.4	9.5	8.3	7.6	7.5	9	13	15.2	16.1	14.8	11.6	13.3
max	72.9	56.2	67.3	80.6	69.5	54.7	78.8	72.6	83.7	80.6	54.4	60.1	83.7	80.6
min	0	0	0	0	0	0	0	0	1.2	0	0	0	0	0
24-hr Rainfall, millimeters														
mean	1.8	1.8	1.6	1.5	1.3	1.3	1.4	1.4	1.2	1.6	1.9	1.8	1.6	1.7
median	0	0	0	0	0	0	0	0	0	0	0	0	0	0
max	38	72.6	121.4	40.2	64	80.8	93.6	86	38	29.6	83.4	47	121.4	121.4
min	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Monthly Rainfall, millimetres														
mean	55.6	52.3	45	46.8	39	41	37.4	45.3	35.6	52.1	58.2	57.1	47.1	52.4
max	178.6	181.2	99.6	95.4	163.8	211	99.6	194.6	91.8	101.2	196.2	129.2	211	196.2
min	2	14.4	3.4	11.6	2.7	5.6	4.6	6.6	11.8	15.4	13.2	6.4	2	2
Seasonal Rainfall, millimetres														
mean													565.5	361.9
max													843.7	553.2
min													365	198.2
Fine Fuel Moisture Code, FFMC														
mean	74.6	75	74.4	72.6	72.1	70.1	71.3	72.4	74.8	72.9	73.6	73.9	73.1	73.8
median	82.3	82.6	81.4	80.9	80.6	79.6	80	80.5	82.1	80.4	81	81.5	81	81.5
max	98.1	96.1	94.9	94.5	91.6	92.6	91.7	92.7	93.6	94.1	93.6	96.3	98.1	98.1
min	2.8	1.8	1.7	1	3	2.7	0.7	0.4	10.8	5.1	0.8	4.1	0.4	0.8
Duff Moisture Code, DMC														
mean	22.6	22.9	21.4	19.7	13.2	10.2	8.1	9.5	14.4	14.5	16.7	19.1	16	19.6
median	17.3	19.6	17.1	15.8	10.4	8.7	6.9	7.9	13.2	11.9	14.9	15.5	12.7	15.9
max	111	96.2	103.4	106.5	53.7	38.4	25.3	34.2	41.5	54.7	60.8	92.1	111	111
min	0	0	0	0	0	0	0	0	0	0.7	0	0	0	0
Drought Code, DC														
mean	338.5	392.3	396.1	388.6	344.6	282.9	242.3	191.7	189.1	188.8	219.6	278.4	288	314.6
median	333.1	384.1	411.2	375.9	340.1	270.6	232.4	191.5	199.5	200.9	216.9	281.6	272.6	301.1
max	652.7	745.5	801	727.6	672.5	629.3	583.3	469.2	455.7	436.8	436.1	535.8	801	801
min	31.5	70.1	4	48.9	86.8	0	1	0	1.1	1.7	4.3	27.9	0	1.7
Initial Spread Index, ISI														
mean	5.9	4.4	4.2	3.7	3.5	3.1	2.8	3.8	5.2	5.5	5.5	5.3	4.4	4.9
median	2.8	2.7	2.2	2.1	1.9	1.6	1.8	1.9	2.7	2.6	2.9	2.5	2.2	2.5
max	97.1	79.8	56	85.4	57.8	54.8	52.5	52.8	61.1	82.8	61.6	74.1	97.1	97.1
min	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Buildup Index, BUI														
mean	37.4	38.9	36.5	33.5	23.2	18.2	14.1	15.5	22.4	22.2	26.6	31.4	26.6	32.3
median	29.9	34.2	30.5	27.9	19.3	16	12	13.2	21.4	19.7	24.6	26.8	22.2	27.3
max	151.8	144	149	155.2	88.2	59.7	40.2	56.9	62.7	82.3	81.9	127.4	155.2	155.2
min	0	0	0	0	0	0	0	0	0	1.4	0	0	0	0
Fire Weather Index, FWI														
mean	11.2	9.3	8.3	7.3	5.4	4.4	3.4	4.8	7.7	7.9	9	9.7	7.3	9
median	6.6	6.2	4.7	4.1	2.7	1.9	1.8	2.4	4.5	3.9	5.2	5.2	3.7	5
max	117	107.7	73.4	130	47.9	57.9	37.5	49.8	70.1	80.5	79.9	91.8	130	130
min	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Daily Severity Rating, DSR														
mean	4	2.7	2.3	2.1	1.1	0.9	0.5	1	2	2.3	2.5	3.1	2	2.7
median	0.8	0.7	0.4	0.3	0.2	0.1	0.1	0.1	0.4	0.3	0.5	0.5	0.3	0.5
max	124.5	107.6	54.6	150.1	25.6	35.9	16.7	27.4	50.3	64.2	63.4	81.1	150.1	150.1
min	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Monthly Severity Rating, MSR														
mean	123	77.6	76.4	58.4	32.7	28.3	16.7	28.1	61.6	71.2	71.5	89.1	61.2	81
max	487.5	283.5	227.8	494.5	129.6	129.2	42.4	83.4	224.7	337.6	247.5	464.6	494.5	494.5
min	11.3	2.1	2.5	0.7	1.8	0.9	0.5	0.4	9.3	10.1	5.1	8.6	0.4	0.7
Cumulative Daily Severity Rating, CDSR														
mean													734.6	579
max													1375.2	1325
min													272.3	175.2

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR	FIRE SEASON
Forest Fire Danger Class (FFDC) Frequency														
Low														
mean	12.7	11.9	14.7	16.8	20.5	20.7	23.7	22.1	16.2	17.1	14.7	14.9	206	101.9
max	28	28	29	30	31	30	31	31	28	29	28	26	257	148
min	2	3	0	3	3	6	11	7	6	2	1	0	134	42
Moderate														
mean	11.2	10.9	10.9	9.9	8.7	8.2	6.9	7.7	10.5	10.3	11	10.3	116.4	74.7
max	19	22	18	22	23	19	19	18	17	25	22	19	156	100
min	1	1	2	0	0	0	0	0	2	0	2	3	86	49
High														
mean	3.8	3.3	3.3	2.1	1.4	0.9	0.3	1	1.9	2.2	2.6	3.6	26.3	21
max	10	10	10	11	6	5	4	5	7	7	8	12	50	53
min	0	0	0	0	0	0	0	0	0	0	0	0	5	7
Very High														
mean	1.2	1.1	1	0.6	0.2	0.1	0	0.2	0.8	0.8	1.1	1	8	6.8
max	5	5	6	4	2	1	1	2	4	5	4	4	19	23
min	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Extreme														
mean	1.5	0.9	0.9	0.3	0.3	0.2	0	0	0.6	0.4	0.6	0.9	6.6	5.7
max	7	3	4	3	2	3	0	1	6	5	4	4	20	14
min	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Very Extreme														
mean	0.7	0.2	0.2	0.3	0	0	0	0	0	0.1	0.1	0.3	2	2
max	8	4	2	6	0	0	0	0	1	2	2	5	8	13
min	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Grass Fire Danger Class (GFDC) Frequency														
Curing source <small>Wairarapa (Foothills (S of Rakaia))</small>														
Curing%	60	80	80	55	40	15	15	15	25	25	40	50		
Low														
mean	5.3	3.3	4.3	6	7.1	12.2	11.9	11	6.2	7.7	5.3	5.6	85.8	36.7
max	15	9	16	15	17	25	26	25	11	18	15	13	113	73
min	0	0	0	1	0	3	3	4	2	1	0	0	57	15
Moderate														
mean	19.8	15.7	17.9	20.5	20.6	17	18.6	19	20	19.8	18.9	18.9	226.9	131.5
max	26	25	25	26	29	27	27	26	27	27	27	25	256	151
min	14	9	11	15	12	5	4	6	13	12	10	13	186	103
High														
mean	4.3	6.7	5.7	2.7	2.8	0.8	0.5	0.9	3.4	2.8	4.5	4.9	40	32.1
max	13	13	16	7	8	5	3	4	9	8	9	12	58	57
min	0	0	0	0	0	0	0	0	0	0	0	1	18	14
Very High														
mean	1.4	1.5	1.8	0.6	0.5	0	0	0	0.4	0.7	1.2	1.1	9	8.4
max	6	5	6	3	3	0	0	0	3	5	4	4	17	18
min	0	0	0	0	0	0	0	0	0	0	0	0	1	2
Extreme														
mean	0.1	1	1.2	0.2	0	0	0	0	0	0	0.2	0.5	3.2	3.1
max	2	3	3	2	1	0	0	0	0	0	2	3	7	8
min	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Very Extreme														
mean	0	0.2	0.2	0	0	0	0	0	0	0	0	0	0.4	0.4
max	0	1	2	0	0	0	0	0	0	0	0	0	2	2
min	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Scrub Fire Danger Class (SFDC) Frequency														
Low														
mean	6	4.8	5.4	6.5	6.4	6.5	6	5.9	4.9	6.5	6.2	6.3	71.5	41.1
max	15	11	16	17	15	16	16	24	11	13	15	14	98	75
min	0	0	0	1	0	0	0	1	1	1	0	0	46	19
Moderate														
mean	0	0.1	0.1	0	0	0.1	0	0	0	0	0	0	0.2	0.1
max	0	1	1	0	0	1	0	0	0	0	0	0	1	1
min	0	0	0	0	0	0	0	0	0	0	0	0	0	0
High														
mean	2.7	3	4	3.6	5.2	5.3	5.6	4.5	3.3	3.6	2.5	2.7	45.9	22.1
max	7	8	11	8	12	16	10	13	8	8	7	6	63	38
min	1	0	0	0	0	0	0	1	0	0	0	0	34	13
Very High														
mean	3.3	4.1	5	5.6	6.2	6.2	6.3	6.6	4.3	3.7	4.2	4.7	60.1	30.1
max	8	9	12	12	13	13	11	12	10	8	8	12	80	41
min	0	0	1	0	1	1	1	1	1	0	1	1	42	17
Extreme														
mean	7.7	7.5	8.1	8.2	7.2	6.4	8.3	7.6	7.8	6.5	7.1	7	89.5	52.5
max	13	15	18	20	16	12	17	14	14	13	16	14	108	70
min	3	4	2	2	2	2	2	4	3	2	2	2	61	33

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Very Extreme														
mean	11.3	8.8	8.4	6.1	6	5.5	4.8	6.4	9.7	10.6	10.1	10.2	98.1	66.3
max	23	16	18	16	15	13	11	13	18	22	20	24	131	111
min	3	0	0	0	0	0	0	1	1	3	1	2	61	36