

Station Name: Reefton Ews (REF)

Period: 1999-07-25 - 2021-07-01

Length of record: 21 years

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR	FIRE SEASON
Temperature, degrees Celsius														
mean	20.5	20.3	18.3	14.2	10.5	7.4	6.4	9.3	12.3	14.4	16.7	19	14.1	17.6
median	20.6	20.4	18.5	14.2	10.8	7.7	6.6	9.6	12.4	14.5	16.6	18.9	14.2	17.6
max	29.5	29.5	25.3	22.6	21.2	16.2	14.8	16	19.9	22.2	27	29.6	29.6	29.6
min	10	9	7.7	4.8	0.1	-1.6	-2.5	-0.5	3	4.3	6.6	9.7	-2.5	4.3
Relative Humidity, %														
mean	58.3	60.7	65.9	76.3	85.5	89.7	87.7	80.5	70.4	64.5	59.6	59.3	71.5	63.5
median	55	58	65	77.5	87.8	92	91.6	82	70	63	57	56	73	62
max	100	100	99	100	100	100	100	100	100	99	100	100	100	100
min	20	28	29	30	32	46	34	34	28	24	21	22	20	20
Wind Speed, km/h														
mean	8.1	7.5	6.6	6	5.1	4.2	4.4	5.4	7.3	8.6	8.8	8.5	6.7	7.8
median	7.5	6.9	6	5.4	4.1	3.2	3.4	4.7	6.3	7.9	8	7.9	6	7
max	25.9	24.5	32.1	24.4	28.8	23	29	28	26.2	30.8	29.5	31.1	32.1	32.1
min	0	0.6	0.8	0	0	0	0	0	0	0	0	0	0	0
24-hr Rainfall, millimeters														
mean	4.2	3.2	3.2	4.9	5.5	6.2	4.9	5.1	5.6	5.7	4.5	5.1	4.9	4.4
median	0	0	0	0	0.2	0.2	0.2	0.4	0.8	0.8	0.2	0.2	0	0
max	82.2	64.2	95.4	89.8	73.4	125	71.4	60.6	88	69.2	75.8	93	125	95.4
min	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Monthly Rainfall, millimetres														
mean	128.7	92.3	97.9	145	171.1	186.6	153.1	156.2	170.5	173.6	132.4	163.3	147.6	133.3
max	239.6	256.4	195	361.6	359.8	362.8	351	290.8	341.4	405	337.8	352.2	405	405
min	37.2	17.2	28.2	31.6	33.8	43.8	10.6	82	59	49.6	17.2	30.8	10.6	17.2
Seasonal Rainfall, millimetres														
mean													1770.8	936.8
max													2184.4	1211.6
min													1298.2	711.8
Fine Fuel Moisture Code, FFMC														
mean	72	73.4	70.3	58.9	42.8	31.8	38.5	44.9	54.7	59.1	67.5	68.1	56.8	67
median	82	83.6	80.5	64.5	41.2	24.7	35.1	43	56.6	61.4	75.3	76.4	61.6	76
max	93.4	92.1	89.9	89	86	84.3	86.3	85.7	89.9	90.9	92.7	92.6	93.4	93.4
min	9.6	7.2	10.6	1.3	2.2	1.4	2.2	0.8	1	3.9	6.2	5	0.8	1.3
Duff Moisture Code, DMC														
mean	15.2	18.8	15.5	4.6	1.1	0.4	0.6	0.9	2.8	4.8	10.8	14.1	7.4	11.9
median	12.2	14.9	10.2	3.5	0.5	0.1	0.2	0.5	1.9	3.4	8.3	9.9	3.1	8
max	60.7	68.9	84.7	24.8	12.6	4.2	5	9.7	18.1	28.4	49.4	79.7	84.7	84.7
min	0.4	0	0	0	0	0	0	0	0	0	0	0	0	0
Drought Code, DC														
mean	92.9	131.2	136	72	17.5	4.5	4.6	5.7	7.8	14.3	49.2	84	51.4	82.4
median	80	126.3	133.8	53.2	5.8	2.6	3	3.9	5.1	10.4	39	65.1	16.3	62.4
max	337.1	348	383.2	309.4	212.4	37	24.3	26.9	47.9	70.2	200.6	310.5	383.2	383.2
min	5.7	4.7	3.9	2.2	0.1	0	0	0.3	0.2	1.7	3.6	5.2	0	1.7
Initial Spread Index, ISI														
mean	2.7	2.6	1.9	0.9	0.4	0.2	0.3	0.4	0.9	1.3	2.1	2.2	1.3	1.9
median	2.2	2.5	1.6	0.7	0.1	0	0	0.1	0.4	0.7	1.3	1.4	0.6	1.2
max	10.9	10.2	7.2	6.2	7.3	3	6	6.3	11.4	11.2	12.5	14.4	14.4	14.4
min	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Buildup Index, BUI														
mean	20.4	26.3	22.4	7.4	1.6	0.6	0.8	1.2	3	5.2	13.4	18.6	10	16.2
median	17	22.5	16	5.7	0.8	0.1	0.4	0.7	2	3.8	10.7	13.3	4.1	11.4
max	83.7	80.1	100.1	41.4	21.6	6.1	5.4	10.1	18.6	28.4	58.9	85.7	100.1	100.1
min	0.7	0	0	0	0	0	0	0	0	0	0	0	0	0
Fire Weather Index, FWI														
mean	4.7	5.4	3.6	0.9	0.2	0.1	0.1	0.2	0.6	1.1	3.1	3.8	2	3.2
median	2.9	4.1	1.7	0.3	0	0	0	0	0.1	0.3	0.8	0.9	0.2	0.8
max	23.2	27	23.9	8.9	6.6	2	3.7	4.2	11.4	13.2	20.3	29	29	29
min	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Daily Severity Rating, DSR														
mean	0.8	0.9	0.5	0.1	0	0	0	0	0	0.1	0.4	0.6	0.3	0.5
median	0.2	0.3	0.1	0	0	0	0	0	0	0	0	0	0	0
max	7.1	9.3	7.5	1.3	0.8	0.1	0.3	0.4	2	2.6	5.6	10.5	10.5	10.5
min	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Monthly Severity Rating, MSR														
mean	23.4	24.3	16.4	1.8	0.1	0	0.1	0.1	1.1	2.8	13.1	19.2	8.5	14.4
max	69	65.2	80.2	5.3	1.1	0.2	0.5	0.8	5.4	9.4	49.9	117	117	117
min	1.3	0.5	0.9	0.1	0	0	0	0	0	0.1	0.9	1.1	0	0.1
Cumulative Daily Severity Rating, CDSR														
mean													102.4	100.7
max													186.2	208.1
min													38	29.7

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR	FIRE SEASON
Forest Fire Danger Class (FFDC) Frequency														
Low														
mean	18.8	15.3	21	28.9	31	30	31	31	29.7	29.8	22.5	22.5	311.5	158.7
max	31	29	31	30	31	30	31	31	30	31	30	31	348	188
min	7	4	6	23	31	30	31	31	27	25	7	2	286	124
Moderate														
mean	11	11.5	9	1.1	0	0	0	0	0.3	1.2	7.1	6.9	48.2	48.1
max	21	22	22	7	0	0	0	0	3	6	19	14	71	69
min	0	0	0	0	0	0	0	0	0	0	0	0	18	22
High														
mean	1.1	1.4	1	0	0	0	0	0	0	0	0.3	1.4	5.3	5.2
max	8	8	10	0	0	0	0	0	0	0	4	12	19	19
min	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Very High														
mean	0	0	0	0	0	0	0	0	0	0	0	0.2	0.2	0.2
max	0	1	0	0	0	0	0	0	0	0	0	4	4	4
min	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Extreme														
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
Very Extreme														
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
Grass Fire Danger Class (GFDC) Frequency														
Curing source Default														
Curing%	80	80	80	80	80	80	80	80	80	80	80	80		
Low														
mean	6.6	5.2	6.4	11.9	21.3	23.7	22.1	19.5	14.3	12.3	7.4	8.3	159.1	58.5
max	12	16	11	23	29	30	31	29	25	20	14	17	193	76
min	2	0	3	4	10	10	1	12	5	4	1	0	102	35
Moderate														
mean	15.1	16.1	21.7	17.9	9.6	6.3	8.8	11.4	14.8	16.5	16.5	15.8	170.5	118.9
max	21	22	27	26	21	20	30	19	24	25	23	21	222	139
min	8	10	16	7	2	0	0	2	5	10	10	9	135	85
High														
mean	9.2	6.9	2.9	0.2	0.1	0	0	0	0.8	2.1	5.9	6.9	35	34.4
max	19	15	11	3	1	0	1	1	7	8	19	17	54	57
min	1	0	0	0	0	0	0	0	0	0	0	0	15	11
Very High														
mean	0.1	0	0	0	0	0	0	0	0	0	0.2	0.1	0.6	0.5
max	2	1	0	0	0	0	0	0	1	1	2	1	3	3
min	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Extreme														
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
Very Extreme														
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
Scrub Fire Danger Class (SFDC) Frequency														
Low														
mean	7.6	6.4	7.8	13.4	22.4	25	23.2	21.2	16.3	15	9	10.4	177.6	69.9
max	15	19	12	24	29	30	31	29	27	23	18	19	221	87
min	2	1	3	4	10	12	7	15	7	6	3	0	132	45
Moderate														
mean	0	0	0	0.1	0.1	0	0.1	0	0	0	0	0	0.6	0.2
max	0	0	0	1	1	1	1	1	0	1	0	1	3	1
min	0	0	0	0	0	0	0	0	0	0	0	0	0	0
High														
mean	4.9	4.1	5.9	7.4	6.8	4.4	6.1	6.7	5.7	5.6	5.7	5	68.3	38.2
max	17	8	11	12	17	15	15	13	10	9	9	8	89	59
min	1	0	1	1	1	0	0	1	3	2	2	2	46	27
Very High														
mean	2.7	2.6	4	4.8	1.4	0.5	1.2	2.1	3.6	3.1	3.1	3.7	32.8	23.7
max	6	5	8	10	6	5	10	8	9	5	6	7	47	35
min	0	0	0	0	0	0	0	0	0	1	0	2	20	12
Extreme														
mean	7.5	9.2	10.8	4	0.2	0.1	0.3	0.9	3.8	5.6	6.7	5.3	54.5	49.3
max	16	15	22	12	2	2	3	9	11	16	13	9	76	62
min	3	2	5	0	0	0	0	0	0	1	3	1	34	37

