

Station Name: Naseby Forest Raws (NRB)

Period: 2008-09-07 - 2021-07-01

Length of record: 12 years

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR	FIRE SEASON
Temperature, degrees Celsius														
mean	17.3	17	15.2	12.2	9.1	6.3	6	7.6	9.6	11.4	13.8	16.2	11.9	14.7
median	17.5	17.4	15.8	12.4	9.7	6.2	5.9	8	9.9	11.8	13.8	16.8	11.6	14.9
max	31.1	28.7	25.3	21.4	19.2	16.1	15.4	17	20.6	23.7	25.3	28.3	31.1	31.1
min	4.4	3.4	1.8	-0.9	-3.3	-3.1	-3	-3.9	-1.8	0.3	-1.7	3.4	-3.9	-1.7
Relative Humidity, %														
mean	55.7	59.2	61.4	63.1	65.9	68.8	63.3	63.6	57.1	56.7	55.7	56.8	60.6	58.3
median	53	58	60	60.5	63	68.5	60	62	54	54	52	54	58	56
max	100	100	100	100	100	100	100	100	100	100	100	100	100	100
min	11	14	17	22	24	19	21	14	11	12	18	14	11	11
Wind Speed, km/h														
mean	22.5	17.2	16.3	17.7	17.4	14.5	17.5	15.8	22.7	23.3	23	20.9	19.1	20.2
median	17.8	12.2	10.8	11.9	9.7	7.9	11.2	9	16.7	18.4	17.6	17.6	13.3	15.1
max	84.6	71.3	74.5	74.9	90	71.3	67	68	105.5	85.7	92.9	71.3	105.5	92.9
min	3.2	1.4	1.7	0.7	0	0	0	0	1.4	0	2.5	0	0	0
24-hr Rainfall, millimeters														
mean	2.8	2.4	2	2	2.3	1.6	1.4	1.4	1.3	2.3	2.3	2.1	2	2.3
median	0	0	0	0	0	0	0	0	0	0	0	0	0	0
max	69.8	56.2	51.4	41.4	47	40	34.6	59.6	32.6	58.6	60.4	54.8	69.8	69.8
min	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Monthly Rainfall, millimetres														
mean	77.8	70.4	64.9	63	69.4	48.5	44.5	44.6	38.8	74.2	72.1	62.1	60.9	69.2
max	156.6	188.6	127.8	138.2	134.6	132.2	148.4	96	78.2	125.8	218	106.2	218	218
min	18.2	18.2	19.4	17.8	19	3	12	9.4	8.6	37.4	7.2	21.4	3	7.2
Seasonal Rainfall, millimetres														
mean													730.5	483
max													1036.8	636.8
min													460.1	280.8
Fine Fuel Moisture Code, FFMC														
mean	75.7	74.5	72.3	69.3	65	65.1	69.3	69.3	74.3	70.9	74.2	74.4	71.2	73
median	85	84	81.2	80.8	75.6	74.3	77.9	78.4	82	80.5	83.1	82.9	80.7	82.6
max	95.9	95.3	93.7	91.6	90	89.9	89.4	91.8	94	93.6	93.7	94.4	95.9	95.9
min	0	1.1	0	1.8	2.7	2.7	1.1	7.6	13.8	3.4	2.6	4.4	0	0
Duff Moisture Code, DMC														
mean	19.5	20.3	18.1	11.9	7.3	3.7	3.9	6	10.3	10.8	14.7	19.7	12.2	16.4
median	16.1	19.4	13.2	10.7	5.4	2.6	3.5	4.8	8.6	8.8	12	19.3	9.1	14
max	63.2	54.4	66.4	38.1	27.5	17.8	13.1	18.1	43.6	38.4	53.6	68.2	68.2	68.2
min	0	0.2	0	0	0	0	0	0	0	0.2	0	0.7	0	0
Drought Code, DC														
mean	200.6	232.1	245	233.1	175.4	102.5	76.1	57	55.5	62.8	89.1	174	142.6	176.1
median	192.4	219	262.4	222.6	160.8	111.1	75.4	32.1	26.8	43.3	74.2	167.3	124	168.3
max	451.9	444.6	505.5	517.8	462.1	374.3	197.4	227.1	215.5	225.9	296.7	392.5	517.8	517.8
min	5.6	64.7	2.2	1.6	0	0	0	0	0	1.1	2.7	37.6	0	1.1
Initial Spread Index, ISI														
mean	9.7	6.7	5.7	5.2	3.8	3.1	4	3.9	7.2	7.5	9.3	7.5	6.2	7.4
median	4.6	3.4	2.7	2.5	1.8	1.3	2.1	2	3.4	3	4	4.1	2.7	3.4
max	109.8	68.1	52	49.6	29.4	33.9	33.4	36	81.5	70.4	70.9	50.5	109.8	109.8
min	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Buildup Index, BUI														
mean	30.4	32.1	28.9	20	12.4	6.2	6.3	8.4	12.8	13.5	19.7	29.2	18.4	24.8
median	25.7	31.2	22.7	19.1	9.7	4.3	5.7	5.8	10.1	11.6	16.3	28.7	14	21.4
max	85.6	80	87.5	64.3	45.9	31	20.2	30	56.5	53.9	73.8	79.7	87.5	87.5
min	0	0.4	0	0	0	0	0	0	0	0.4	0	1.4	0	0
Fire Weather Index, FWI														
mean	14.7	11.4	9.7	7.4	4.4	2.4	3.2	3.9	7.5	7.7	11.4	12	8	10.6
median	9.4	7.5	4.8	3.8	1.9	0.5	1	1.1	4	3.7	6.5	8.1	3.3	6
max	110.9	87.7	77.8	64.4	38	30.8	31.9	39.2	82	56.3	83.1	59.1	110.9	110.9
min	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Daily Severity Rating, DSR														
mean	5.7	3.9	3.3	2.1	0.9	0.4	0.5	0.8	2	2.1	4	3.8	2.5	3.6
median	1.4	1	0.4	0.3	0.1	0	0	0	0.3	0.3	0.7	1.1	0.2	0.6
max	113.2	74.8	60.4	43.3	17	11.7	12.5	18	66.3	34.1	68	37.2	113.2	113.2
min	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Monthly Severity Rating, MSR														
mean	182.5	116.8	103.2	60.1	25.1	12.5	16.8	24.2	59.3	62.1	114.4	117	74.5	108
max	345.5	277.7	482.1	271.2	60.9	35.6	39.5	90.8	261.8	202.2	524.3	268.3	524.3	524.3
min	53	17.1	11.8	7	1.8	1.1	0.3	1.2	17.5	14.4	18.7	42.4	0.3	7
Cumulative Daily Severity Rating, CDSR														
mean													893.9	756
max													1944.9	2015
min													464.5	299.8

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR	FIRE SEASON
Forest Fire Danger Class (FFDC) Frequency														
Low														
mean	10.7	10.6	16.2	17.8	23.8	27.7	27.1	25.8	19.4	19.5	14.6	12.2	225.4	100.4
max	18	18	27	26	31	30	31	31	28	31	24	23	289	138
min	4	1	2	8	17	24	20	15	2	9	1	7	155	50
Moderate														
mean	10.5	10.9	9.2	9.2	6.1	2.2	3.8	4.2	9.1	9.4	10.6	10.6	95.8	71.6
max	14	15	18	17	11	5	11	11	16	18	24	18	121	91
min	7	6	4	4	0	0	0	0	2	0	5	6	56	55
High														
mean	4.5	3.4	3.1	1.7	0.9	0.2	0.1	0.9	1	1.9	3.2	4.3	25.2	22.4
max	9	7	9	4	4	2	1	5	6	8	9	6	44	33
min	1	1	0	0	0	0	0	0	0	0	0	2	12	12
Very High														
mean	2.5	1.7	0.8	0.4	0.2	0	0	0.1	0.1	0	0.9	2.4	9.1	8.6
max	6	5	2	2	1	0	0	1	1	0	4	5	20	19
min	0	0	0	0	0	0	0	0	0	0	0	0	2	2
Extreme														
mean	1.9	1.4	0.8	0.7	0	0	0	0	0.4	0.2	0.3	1.2	6.9	6.6
max	8	6	4	6	0	0	0	0	5	2	4	6	26	24
min	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Very Extreme														
mean	0.9	0.2	0.9	0.2	0	0	0	0	0	0	0.4	0.2	2.8	2.6
max	5	3	8	2	0	0	0	0	0	0	5	2	15	20
min	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Grass Fire Danger Class (GFDC) Frequency														
Curing source Otago (Inland Otago)														
Curing%	80	90	80	60	50	50	60	70	60	40	40	70		
Low														
mean	3.6	4	5.6	8.2	9.5	8.6	8.2	6.8	5.2	6.7	6.2	4.6	77.2	37.6
max	12	9	10	18	21	15	19	16	9	13	11	8	97	56
min	0	0	0	1	2	0	0	1	0	2	0	2	57	23
Moderate														
mean	10	9.8	14.2	16.4	16.6	18.1	19.2	17.8	16.7	16.8	14.3	12.8	182.7	95.1
max	15	21	21	22	24	28	26	21	22	22	22	17	223	117
min	6	2	7	11	9	12	12	12	11	9	10	8	166	71
High														
mean	8.6	7.8	6.5	4	3.7	2.2	2.4	4.2	5.8	4.8	5.5	7.8	63.3	45.5
max	14	15	11	7	7	5	6	7	9	10	10	10	80	67
min	5	4	1	0	0	0	0	1	1	2	2	3	44	28
Very High														
mean	2.9	2.4	2	1.3	1.2	1.2	1.2	1.6	2.2	2.5	3.6	3.8	25.8	18.8
max	7	5	3	6	5	3	3	5	5	7	10	7	38	28
min	1	0	0	0	0	0	0	0	0	0	0	0	18	7
Extreme														
mean	4.7	2.8	2.2	0	0	0	0	0.6	0.1	0.2	0.4	2.2	13	12.2
max	11	7	9	0	0	0	0	3	1	1	3	6	23	27
min	1	0	0	0	0	0	0	0	0	0	0	0	6	5
Very Extreme														
mean	1.2	1.4	0.5	0	0	0	0	0	0	0	0	0	3.2	3.1
max	4	3	3	0	0	0	0	0	0	0	0	0	7	7
min	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Scrub Fire Danger Class (SFDC) Frequency														
Low														
mean	5	5.3	7.2	8.2	10.2	8.2	8.5	8.1	6	8	6.7	5.8	87.3	45.2
max	13	11	13	18	20	16	20	18	9	13	12	9	107	60
min	1	0	1	2	4	0	3	1	0	4	0	3	61	27
Moderate														
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
High														
mean	1.7	2.8	3.1	3.1	3.9	6.2	3.8	4.2	1.7	2.5	1.9	2.3	37.2	17
max	4	8	5	10	11	11	9	7	4	5	3	4	47	25
min	0	0	0	1	0	3	1	1	0	0	0	1	25	9
Very High														
mean	2.1	2.2	3.8	2.3	3	4.4	3.5	3.8	2.9	3.2	1.7	2.6	35.5	18.8
max	3	4	9	4	10	10	6	9	6	6	5	6	47	30
min	1	0	0	1	1	1	2	1	1	1	0	1	26	12
Extreme														
mean	5.4	6.6	6.1	7.4	6.2	5.6	7.7	7	7.1	5.1	5.4	4.8	74.3	41.4
max	12	9	11	15	14	14	15	11	11	11	13	8	95	53
min	0	4	2	1	1	1	0	2	2	1	2	1	64	31

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Very Extreme														
mean	16.8	11.3	10.8	8.9	7.7	5.6	7.4	8	12.3	12.2	14.3	15.4	130.8	89.8
max	22	24	23	16	15	12	12	16	18	21	26	22	163	120
min	11	4	4	5	2	2	1	1	5	7	9	8	109	72