

Station Name: Remutaka Forest Park Raws (RFP)

Period: 1994-08-03 - 2021-07-01

Length of record: 26 years

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR	FIRE SEASON
Temperature, degrees Celsius														
mean	21.3	21.7	20.1	17.5	15	12.5	11.6	12.8	14.3	15.8	17.4	19.8	16.6	19.1
median	21.4	22	20.4	18	15.2	12.7	11.8	13	14.4	16	17.5	19.8	16.5	19.1
max	32.2	29.9	29.7	28.3	25.7	20.4	18.3	21.6	21.8	24.9	26.4	31	32.2	32.2
min	10.3	10.1	10.1	6.6	4.4	3.9	4.2	1.1	6.3	6.2	7.1	9.2	1.1	6.2
Relative Humidity, %														
mean	63.4	63	64.8	69.7	75.4	79.8	78.4	72.8	69.2	67.8	65.1	65.2	69.5	65.6
median	61.3	60.9	62.5	68.2	75	81	79	72	68	65.7	63	63	68	64
max	99	100	98	98	99	100	100	100	100	98	100	97.4	100	100
min	31	29	33	32	35.9	39	35	24	34	29	24	27	24	24
Wind Speed, km/h														
mean	15.8	15.1	14.4	13	12.2	11.2	11.9	12.8	15.5	16.5	17.1	16.4	14.3	15.5
median	14.8	14.4	13.8	11.9	11.5	10	11.2	11.8	15.3	16.6	16.9	15.9	13.4	14.8
max	38.1	42.5	42.1	35	34.9	36.6	41	37.7	44	42.3	42.8	44	44	44
min	2.5	0	1.8	0.5	0.3	0	0	0	1.1	0	1.8	1.1	0	0
24-hr Rainfall, millimeters														
mean	2.7	2.6	3.1	4	4.6	5.1	5.8	4.8	3.8	3.9	3.6	2.9	3.9	3.3
median	0	0	0	0	0	0.4	0.4	0.4	0.2	0.2	0	0	0	0
max	94.4	103.8	108.4	132.2	83.6	140.8	150.6	124.2	88	85.2	107.4	75.8	150.6	132.2
min	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Monthly Rainfall, millimetres														
mean	86.5	74.8	98.1	123	143.2	150.4	181.2	151.9	115.3	120.2	106.1	93.2	120.3	100.3
max	200.8	379.8	229	451.2	382.8	299.6	596	434.2	249.2	222.8	307.6	281	596	451.2
min	7	15.4	17	13	50.6	42.4	42.8	39.4	4.4	38	13.9	40.8	4.4	7
Seasonal Rainfall, millimetres														
mean													1444	694.5
max													2023	1135.4
min													985.6	299.9
Fine Fuel Moisture Code, FFMC														
mean	76.2	76.9	73.9	68.1	60.3	51.7	52.6	58.5	66.3	67.1	71.9	73.4	66.4	72.5
median	84.5	84.4	83.7	78.3	69.1	53.4	56.7	64.5	75.4	75.5	81.6	82.3	76.6	82.1
max	91.9	91.3	91	89.9	88.8	86.2	85.4	88	88.5	90	92.2	91	92.2	92.2
min	7	12.4	3.1	3.8	5.4	1.4	3.5	2.5	2.2	6.8	1.8	10.8	1.4	1.8
Duff Moisture Code, DMC														
mean	19.9	22.8	19.5	10.3	4.4	1.7	1.2	2.7	5.7	6.6	12.7	16.8	10.3	15.5
median	16.9	19.4	15.1	6.9	3	0.9	0.7	1.6	4.6	5.2	10.3	13.8	6	11.7
max	89.1	90	86	46	38.5	18.8	9.8	16.3	26.7	30.9	53.7	86.5	90	90
min	0.8	0	0	0	0	0	0	0	0	0	0	0	0	0
Drought Code, DC														
mean	196.9	255.2	254.5	185.5	103.7	35.6	9.8	12.8	17.9	24.8	67.7	137.4	108	159.4
median	201.2	247.6	249.2	120.9	34.6	9.6	5.8	7.2	12.4	20.4	59.9	125.1	45.7	122.4
max	441.4	579.5	654.1	706.7	700	272.4	79	80	81.8	109.2	236.8	385.6	706.7	706.7
min	6	5	3.7	2.1	1	0.4	0.5	0	1	2.1	3.7	5.6	0	2.1
Initial Spread Index, ISI														
mean	4.5	4.5	3.8	2.4	1.6	1	0.9	1.5	2.4	2.7	3.7	3.9	2.7	3.6
median	4.2	3.9	3.5	1.9	1	0.4	0.5	0.9	1.7	2	3.1	3.4	1.8	3
max	19.3	19.9	14.7	12.3	10.4	7.7	6.6	9.3	13.5	19.2	23.8	18.3	23.8	23.8
min	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Buildup Index, BUI														
mean	30.5	36.1	31.4	17.2	7.3	2.6	1.7	3.3	6.3	7.7	16.8	24.8	15.4	23.4
median	26.8	32.5	25.2	10.9	4.5	1.3	1	2	5	6.2	14.2	21.2	8.4	17.8
max	116.4	117.8	110.4	79.1	67.7	31.4	11.7	18.3	29.4	34.1	66.7	105.8	117.8	117.8
min	1.2	0	0	0	0	0	0	0	0	0	0	0	0	0
Fire Weather Index, FWI														
mean	9.1	9.8	8	3.9	1.6	0.6	0.4	1	2.2	2.7	5.5	7.1	4.3	6.6
median	8	8	6.3	1.6	0.5	0.1	0.1	0.3	0.8	0.9	4.2	5.7	1	4.4
max	44.9	49.8	35.7	24.5	16.1	8.4	6.6	10.6	18.4	19.5	28.7	36.9	49.8	49.8
min	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Daily Severity Rating, DSR														
mean	2	2.4	1.7	0.6	0.2	0	0	0.1	0.2	0.3	0.9	1.4	0.8	1.3
median	1.1	1.1	0.7	0.1	0	0	0	0	0	0	0.3	0.6	0	0.4
max	22.8	27.5	15.3	7.8	3.7	1.2	0.8	1.8	4.7	5.2	10.3	16.1	27.5	27.5
min	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Monthly Severity Rating, MSR														
mean	63.2	69	53.8	19	4.7	1	0.6	1.8	6.6	10	28.6	43.9	25.2	41.1
max	210.5	217.3	153	95.7	15.6	5.5	4	6.5	28.8	33.6	95.5	173.4	217.3	217.3
min	15.9	6.6	9.8	0.3	0.1	0	0	0.1	0.4	1.5	1.8	5.3	0	0.3
Cumulative Daily Severity Rating, CDSR														
mean													302.2	283.7
max													656.3	594.2
min													114.8	74.8

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Forest Fire Danger Class (FFDC) Frequency														
Low														
mean	11.5	10.1	13.7	22	28.6	29.7	31	30.8	27.5	26.3	17.8	14.9	264	116.3
max	19	24	27	30	31	30	31	31	30	31	30	29	304	169
min	1	1	3	2	21	25	30	29	17	15	2	7	216	63
Moderate														
mean	13.6	11.3	12.6	6.7	2.3	0.3	0	0.2	2.5	4.7	10.8	12.9	78	73.3
max	22	19	23	20	10	5	1	2	13	15	25	21	109	102
min	9	5	4	0	0	0	0	0	0	0	0	2	58	42
High														
mean	4.7	4.8	3.3	1.2	0	0	0	0	0	0	1.2	2.5	17.8	17.3
max	14	12	15	12	1	0	0	0	1	1	8	10	50	54
min	0	0	0	0	0	0	0	0	0	0	0	0	1	1
Very High														
mean	1	1.5	1.2	0	0	0	0	0	0	0	0.2	0.5	4.3	4.2
max	10	7	8	1	0	0	0	0	0	0	2	6	18	18
min	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Extreme														
mean	0.2	0.3	0.2	0	0	0	0	0	0	0	0	0.2	1	0.9
max	2	3	3	0	0	0	0	0	0	0	0	3	6	6
min	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Very Extreme														
mean	0	0.2	0	0	0	0	0	0	0	0	0	0	0.2	0.2
max	1	4	0	0	0	0	0	0	0	0	0	0	5	5
min	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Grass Fire Danger Class (GFDC) Frequency														
Curing source Wellington (Wellington East)														
Curing%	60	70	50	30	20	20	20	20	30	40	50	60		
Low														
mean	4.9	3.4	5.4	9.7	15.7	20.5	20.6	17.6	9.4	8.6	5.7	5.9	127.3	43.3
max	9	9	13	23	26	29	30	26	20	14	17	13	176	71
min	0	0	1	1	4	9	8	8	2	3	0	1	105	22
Moderate														
mean	21.1	14.2	20.2	20.2	15.3	9.5	10.4	13.4	20.3	21.3	19.3	21.7	207	138.7
max	27	20	28	28	27	21	23	23	27	27	26	27	233	154
min	16	6	14	7	5	1	1	5	10	16	10	16	169	120
High														
mean	5	9.9	5.4	0.1	0	0	0	0	0.3	1	5	3.4	30.2	29.5
max	15	19	13	1	0	0	0	0	2	6	15	10	48	57
min	0	2	1	0	0	0	0	0	0	0	0	0	15	9
Very High														
mean	0	0.8	0	0	0	0	0	0	0	0	0	0	0.8	0.8
max	0	4	0	0	0	0	0	0	0	0	1	0	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
Scrub Fire Danger Class (SFDC) Frequency														
Low														
mean	4.9	4.4	5.9	8.7	12.7	17.4	17.1	14	9.2	9.3	6.6	6.5	116.8	46.1
max	8	13	14	22	26	29	25	24	19	15	17	13	167	72
min	0	0	1	1	4	6	6	4	2	4	0	2	96	27
Moderate														
mean	0	0	0	0	0	0.1	0	0	0	0	0	0	0.1	0
max	0	0	0	0	0	1	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	2.2	1.8	2.8	3.7	4.2	4	5	4.6	2.8	2.7	2.5	2	38.3	17.5
max	4	7	6	8	8	11	12	8	8	6	6	5	53	26
min	0	0	1	0	0	0	1	1	0	1	0	0	25	9
Very High														
mean	2	2.6	2.7	3.7	4.6	3.2	4.2	4.1	4.2	3.8	2.6	2.8	40.7	20.7
max	5	5	6	7	11	6	10	8	8	8	5	7	54	29
min	0	0	0	0	1	0	0	2	1	2	0	0	28	13
Extreme														
mean	6.4	5.8	6.8	8	6.9	4.3	4	6.3	7.8	7	7.4	7.2	78	49.7
max	13	14	15	12	15	9	12	13	16	11	14	13	95	70
min	1	2	3	3	1	0	0	1	2	3	3	2	56	34

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Very Extreme														
mean	15.4	13.6	12.7	5.8	2.7	1	0.7	2	6	8.1	10.9	12.5	91.3	78.3
max	26	25	22	17	7	8	6	9	12	14	22	21	120	116
min	6	4	6	0	0	0	0	0	0	2	2	5	58	34