

Station Name: Waihaorunga Raws (WHR)

Period: 2000-02-09 - 2021-07-02

Length of record: 21 years

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR	FIRE SEASON
<b>Temperature, degrees Celsius</b>														
mean	18.2	17.9	16.8	14.2	11.5	9.3	8.5	9.4	11.6	12.9	14.9	16.9	13.5	15.9
median	18.1	17.9	16.4	13.9	11.2	9.1	8.3	9.2	11.4	12.8	14.8	17	13.1	15.8
max	32.5	32.8	32.1	24	23.6	19.6	17.6	18.6	23.1	25.2	28.7	30.3	32.8	32.8
min	7.8	6.4	6.1	4.1	1.5	-0.1	-2.1	-1.1	1.7	2.3	0.4	5.4	-2.1	0.4
<b>Relative Humidity, %</b>														
mean	62	64.2	62.4	62.4	64.1	62.2	60.7	63.1	59	60.5	61.7	63.6	62.2	62.4
median	63	65	62	62	62.8	61	60	62	58	60	62	64	62	63
max	100	100	100	100	100	100	100	100	100	100	100	100	100	100
min	10	19	15	19	15	21	15	18	13	19	15	14	10	10
<b>Wind Speed, km/h</b>														
mean	15.4	13.3	13.2	12.7	12.8	12.5	12.1	12.8	15.7	16.6	15.9	15.3	14	14.6
median	13	11.9	11.2	10	9	8.9	9	9.4	12.2	13.5	13.8	13.6	11.8	12.4
max	56.5	48.6	50.5	60.1	60.1	49.7	56.4	73.1	62.3	65.2	57.9	51.4	73.1	65.2
min	0	0	0	0	0	0	0	0	0	0	0.6	0	0	0
<b>24-hr Rainfall, millimeters</b>														
mean	2	1.9	1.3	1.7	1.7	1.2	1.3	1.5	1.2	1.6	1.8	2	1.6	1.8
median	0	0	0	0	0	0	0	0	0	0	0	0	0	0
max	62.8	67	59	59	64.2	56.2	57.8	92	28.8	36.2	66.8	39.4	92	67
min	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Monthly Rainfall, millimetres</b>														
mean	57.8	54.3	40.2	50.4	48	38.9	39.7	40.7	32.6	51.9	55.7	61.9	47.7	53.2
max	155	176.8	78.2	152.2	177.6	205.2	137	157.3	84	104	185.4	134	205.2	185.4
min	8.2	16.4	9.6	9	5.8	9.6	7.4	4.4	5.4	19.4	10.5	16.8	4.4	8.2
<b>Seasonal Rainfall, millimetres</b>														
mean													572	370.5
max													860.8	530.6
min													424.9	185.5
<b>Fine Fuel Moisture Code, FFMC</b>														
mean	74.3	75.4	76.1	73.2	71.6	73.1	74.7	71.3	74.8	73	73.9	73.2	73.7	74.2
median	82.2	82.5	83.3	82.2	80.8	81.7	82.5	80.6	82	80.7	81	81.6	81.8	82
max	96.8	94.4	96.3	93.7	93.3	91.4	90.5	92	93.3	93.7	95.3	93.4	96.8	96.8
min	0.9	1.5	2.2	2.2	0.8	2.8	0.8	0.9	0.6	8.2	1.9	3	0.6	0.9
<b>Duff Moisture Code, DMC</b>														
mean	22.5	22.6	23.5	20.8	13.1	11.3	11	10.7	14.7	15.3	18	19.3	16.9	20.3
median	17.6	19.3	19.2	15	10.4	10.4	9.5	8	12.3	12.9	15.1	16.8	13.7	16.5
max	85.6	90.7	79.2	83	47	37.3	33.2	45.4	58.4	54.6	68.2	65.1	90.7	90.7
min	0	0	1.4	0	0	0	0	0	0	0.2	0	0	0	0
<b>Drought Code, DC</b>														
mean	318.7	363	387.8	393.5	331	270.8	245.8	188.7	179.8	189.2	220.6	276.1	281.2	307.6
median	310.8	349.7	381.5	394.5	347.7	276.4	214.5	191.4	195.6	180.4	221.3	281.7	273.7	298.8
max	640.7	689.5	711.2	725	639.1	625.5	529.9	536.1	434.1	425.5	430.5	496.1	725	725
min	98.3	75.8	81	42.2	31.5	0	0.5	0.1	0.7	1.6	3.1	31.1	0	1.6
<b>Initial Spread Index, ISI</b>														
mean	5.5	4.1	4.6	4	3.4	3.5	3.5	3.5	5.4	5	4.8	4.8	4.3	4.7
median	2.9	2.9	2.8	2.4	2.1	2.2	2.4	2	2.7	2.8	2.6	2.6	2.5	2.7
max	98.4	43.7	52.3	55.1	40	34.3	45.3	48.3	55.8	67.3	45.3	54.7	98.4	98.4
min	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Buildup Index, BUI</b>														
mean	37.1	38.2	39.7	35.5	23.1	19.9	18.5	17.4	22.7	23.3	27.9	31.7	27.9	33.4
median	30.2	34.1	34.2	26.9	19	18.8	16.6	13.1	19.5	20.7	25.2	29	23.6	28.2
max	128.4	134.8	121.1	122.8	77.3	63.7	54.1	70	75.2	76.8	96.5	96.2	134.8	134.8
min	0	0	2.7	0	0	0	0	0	0	0.4	0	0	0	0
<b>Fire Weather Index, FWI</b>														
mean	10.8	9	9.9	8.3	5.6	5.2	5.1	5	7.9	7.6	8.5	9	7.6	9
median	6.3	6.5	6.4	5	3.5	3.3	3.6	2.2	4.5	4.8	5	5.2	4.5	5.5
max	115.3	62.6	69.4	93.4	46.1	48.5	43.4	48.3	60.1	71.3	71	75.4	115.3	115.3
min	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Daily Severity Rating, DSR</b>														
mean	3.6	2.3	2.8	2.2	1.1	1	0.9	1	2.1	2	2.3	2.7	2	2.6
median	0.7	0.7	0.7	0.5	0.2	0.2	0.3	0.1	0.4	0.4	0.5	0.5	0.4	0.6
max	121.3	41.2	49.4	83.6	23.9	26.2	21.5	26	38.3	51.8	51.5	57.2	121.3	121.3
min	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Monthly Severity Rating, MSR</b>														
mean	113.9	67.4	92	69.7	36.1	30.4	28.4	30.6	64.9	62.3	69	76.1	61.7	78.6
max	288.1	169.4	284.1	314.5	134.6	65.5	72.9	134.1	212.6	226.2	249.9	276.4	314.5	314.5
min	10.9	13	3.9	2.7	2.1	4.6	0.1	3	16	7.9	1.5	10.3	0.1	1.5
<b>Cumulative Daily Severity Rating, CDSR</b>														
mean													740.9	549.3
max													1397.7	1282.6
min													336.5	140.7

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<b>Forest Fire Danger Class (FFDC) Frequency</b>														
<b>Low</b>														
mean	13.1	11.4	12.2	14.6	18.7	18.4	18.8	22	15.8	15.8	15	14.7	190.4	96.9
max	28	20	29	28	31	30	31	31	26	27	30	26	255	154
min	3	4	1	2	6	6	2	1	7	4	1	6	144	44
<b>Moderate</b>														
mean	10.6	12.1	12.2	10.5	9.9	10.2	10.9	7.2	10.8	11.8	10.2	11.2	127.6	79.1
max	21	18	19	22	22	21	24	20	16	22	22	17	174	106
min	2	8	2	2	0	0	0	0	3	4	0	3	92	45
<b>High</b>														
mean	4	2.8	3.5	2.6	1.9	1.2	1.1	1.3	2	2.4	3.2	3.2	29.2	21.3
max	10	8	9	10	9	5	6	8	7	8	11	8	51	52
min	0	0	0	0	0	0	0	0	0	0	0	0	8	6
<b>Very High</b>														
mean	1.4	1.1	1.3	1	0.3	0.1	0.1	0.3	0.9	0.6	0.7	0.8	9	7
max	6	5	5	6	4	3	2	4	5	4	5	3	24	19
min	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Extreme</b>														
mean	1.3	0.5	1.2	1	0.2	0.1	0	0.1	0.5	0.3	0.8	0.7	6.8	5.6
max	7	3	7	5	3	1	1	1	4	4	6	5	18	17
min	0	0	0	0	0	0	0	0	0	0	0	0	1	0
<b>Very Extreme</b>														
mean	0.7	0.2	0.6	0.2	0	0	0	0	0	0	0.1	0.3	2.3	2.3
max	4	2	5	3	0	0	0	0	1	1	3	4	11	10
min	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Grass Fire Danger Class (GFDC) Frequency</b>														
<b>Curing source</b> <small>Wairarapa (Foothills (S of Rakaia))</small>														
Curing%	60	80	80	55	40	15	15	15	25	25	40	50		
<b>Low</b>														
mean	5.8	3.3	3.4	5.1	7	9.2	9	11.2	6.4	8.1	5.8	6.1	80.3	37.1
max	16	8	8	13	16	19	25	24	13	19	13	12	112	66
min	2	0	0	1	0	2	2	1	1	1	0	2	59	19
<b>Moderate</b>														
mean	19.8	15.4	16.4	19.8	21	20.1	21.4	19.1	19.4	20	19.4	19.2	231.2	130.7
max	25	25	27	25	28	28	29	29	27	28	29	24	263	153
min	13	8	7	14	14	10	6	7	13	12	11	15	208	110
<b>High</b>														
mean	4.2	7.3	7.5	4.4	2.7	0.7	0.6	0.7	3.7	2.3	3.9	4.4	42.5	33.9
max	11	13	13	13	6	2	3	5	9	8	11	10	71	62
min	0	2	1	0	0	0	0	0	1	0	0	0	27	15
<b>Very High</b>														
mean	1.1	1.1	2.3	0.6	0.2	0	0	0	0.4	0.6	0.9	1	8.4	7.8
max	3	3	9	2	3	0	0	0	2	3	5	3	16	15
min	0	0	0	0	0	0	0	0	0	0	0	0	2	2
<b>Extreme</b>														
mean	0.1	0.9	1.3	0.1	0	0	0	0	0	0	0	0.2	2.6	2.7
max	1	3	5	1	0	0	0	0	0	0	0	2	8	6
min	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Very Extreme</b>														
mean	0	0	0	0	0	0	0	0	0	0	0	0	0.1	0.1
max	0	1	1	0	0	0	0	0	0	0	0	0	1	1
min	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Scrub Fire Danger Class (SFDC) Frequency</b>														
<b>Low</b>														
mean	5.8	4.6	4.7	5.7	6.6	5.8	5	6.6	5	6.8	5.8	6.9	69	39.8
max	17	10	10	14	15	13	15	20	11	17	13	15	95	70
min	1	0	1	1	0	0	0	0	1	2	0	2	53	21
<b>Moderate</b>														
mean	0	0	0	0	0.1	0	0	0	0	0	0	0	0.3	0.1
max	1	0	0	0	1	1	1	0	0	0	0	1	3	1
min	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>High</b>														
mean	2.8	2.9	3.9	4	4	3.4	3.8	4.5	3.4	3.5	2.3	3	41.1	22.1
max	8	6	9	12	7	7	10	9	9	10	6	6	51	36
min	0	0	0	0	1	0	0	0	0	0	0	0	31	12
<b>Very High</b>														
mean	3.6	3.5	3.9	3.9	4.9	4.7	4.7	4.6	3.6	3.2	4.8	3.4	49	26.7
max	9	9	11	9	11	10	12	11	10	6	9	8	66	38
min	1	1	0	0	0	2	0	0	0	1	1	0	21	12
<b>Extreme</b>														
mean	7.3	8.4	7.9	8.2	7.2	8.8	9.7	8.6	7.2	7	7.4	7.4	95.2	54.2
max	14	12	14	18	14	16	16	15	12	15	18	12	115	68
min	3	4	4	3	1	3	2	2	4	2	2	0	74	43

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR	FIRE SEASON
<b>Very Extreme</b>														
mean	11.4	8.8	10.7	8.2	8.2	7.3	7.8	6.8	10.8	10.4	9.7	10.2	110.6	69.3
max	23	17	24	18	22	13	15	18	18	22	24	21	158	119
min	2	2	1	0	1	2	0	2	5	2	1	3	77	29