

Station Name: Waharau Raws (Waharau)

Period: 1996-07-16 - 2021-07-01

Length of record: 24 years

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR	FIRE SEASON
<b>Temperature, degrees Celsius</b>														
mean	23.4	23.5	22	19.1	16.3	13.8	12.9	13.7	15.7	17.5	19.5	21.5	18.2	20.9
median	23.7	23.6	22.1	19.2	16.5	14.1	13.1	13.9	15.7	17.6	19.5	21.7	18.1	21.1
max	30.2	29.4	27.2	25.3	22	19.3	18.8	19.5	25.4	26.9	29.4	27.2	30.2	30.2
min	12	15.5	14.8	11.4	6.6	5.5	6	4.9	7.6	7.3	11	7.7	4.9	7.3
<b>Relative Humidity, %</b>														
mean	63.5	64.1	65.6	70.1	76.2	78.6	77.8	74.4	70.1	66.8	64.2	65.8	69.8	65.7
median	62	62.8	64.5	69	76	79	78	74	69	65	62.8	64	68.9	64
max	100	100	100	100	100	100	100	100	100	100	97	100	100	100
min	35	40	38	44	37	47.1	51	43.6	32	36	38	39	32	35
<b>Wind Speed, km/h</b>														
mean	11.9	10.9	11.1	10.7	9.4	9.2	9.9	10.5	11.6	13.2	12.2	11.6	11	11.7
median	11.2	10.1	9.7	9.7	8.3	8.6	9	9.4	10.9	12.2	11.5	11.2	10.1	10.8
max	44.4	41.1	43	40.6	33.9	33.1	34.9	39.7	37.7	53.5	42.5	37.8	53.5	53.5
min	2.5	1.1	1.8	1.4	0	1.1	0.7	0	0	1.1	1.4	0	0	0
<b>24-hr Rainfall, millimeters</b>														
mean	2	2.5	2.6	3	3.3	3.9	4.3	4.4	3.8	3.5	2.9	3.4	3.3	2.9
median	0	0	0	0	0.2	0.4	0.5	0.6	0.4	0	0	0	0	0
max	146.6	141	125	141	62.1	75	94	51.6	65.8	70.5	61.5	74.5	146.6	146.6
min	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Monthly Rainfall, millimetres</b>														
mean	63.6	71	81	90.8	101.6	115.3	133.1	134.1	114.9	109	88.6	98.9	100.2	86.1
max	318.8	263	330	345	227.5	289.5	265	257.6	218.1	202	207.2	235	345	345
min	7	6.6	0	0	0.4	0.4	0.2	1.4	12.4	43.5	33.6	17.5	0	0
<b>Seasonal Rainfall, millimetres</b>														
mean													1201.9	608.1
max													2038	1202
min													578.3	331.6
<b>Fine Fuel Moisture Code, FFMC</b>														
mean	79.5	78.8	77.5	72.3	64.8	60.7	58	58.5	65.2	69	73.7	74	69.3	74.9
median	85.4	85.5	84.7	80.5	73.6	68.7	63.3	62.3	72.7	76.2	81.6	83.4	78.4	83.2
max	90.8	89.9	89.6	88.5	86.1	84.1	83.8	85.6	89.5	88.1	88.8	89	90.8	90.8
min	5.9	2.6	2.3	5.5	3.3	1.3	1.2	2	5.8	5.5	17	2.2	1.2	2.2
<b>Duff Moisture Code, DMC</b>														
mean	24.9	34.1	27.8	20.8	10.3	8.5	6.1	4.2	6.6	7.4	13.5	16.5	15	20.6
median	22.6	33	20.7	9.6	4.2	1.6	1.3	1.4	3.9	5.8	11.1	14.6	7.7	14.3
max	79.4	104.3	111.7	137.4	140	93.9	72.1	68.9	65	32.6	60.2	56.7	140	137.4
min	1.5	0	0.6	0	0	0	0	0	0	0	0.4	0.5	0	0
<b>Drought Code, DC</b>														
mean	223.7	320.2	324	293.2	201.4	135.1	84.9	53.5	42.4	43.9	84	133.5	160.8	201.8
median	213.9	319.6	318.8	264.2	130.5	37.5	10.6	7.1	12.8	26	72.3	124.1	91.2	154.2
max	666.6	732.4	826	871.1	881.3	695.2	677	660.9	392.2	411.1	333.3	489.6	881.3	871.1
min	6.8	6.7	4.7	2.8	0.9	1.3	1	0.6	1.1	2.9	4.4	6.8	0.6	2.8
<b>Initial Spread Index, ISI</b>														
mean	3.7	3.6	3.2	2.2	1.4	1	0.9	1	1.6	2.2	2.7	2.8	2.2	2.9
median	3.7	3.7	3.1	2	1.2	0.9	0.7	0.8	1.2	1.7	2.4	2.9	1.7	2.8
max	11.5	17.5	22.3	14.5	6.8	5.2	6.2	8	10.5	13.7	14.8	10.4	22.3	22.3
min	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Buildup Index, BUI</b>														
mean	37.8	52.4	44.1	32.8	16.9	13.7	9.5	6.3	8.4	9.1	18.2	24.3	22.6	31
median	34.4	52.1	33.7	16.5	7.4	2.5	1.8	1.8	4.5	7.3	15.6	22.1	11.4	21.7
max	110.8	146.6	166.9	197.1	200.4	137.1	113.8	109.1	91.7	43.2	75.7	85.9	200.4	197.1
min	2.5	0	1	0	0	0	0	0	0	0	0.6	1	0	0
<b>Fire Weather Index, FWI</b>														
mean	8.6	10.2	8	4.8	2.2	1.4	1.1	0.8	1.7	2.3	4.3	5.4	4.2	6.2
median	8.4	10.2	7.1	2.6	0.6	0.3	0.2	0.2	0.5	0.9	3.1	4.8	1.4	4.6
max	33.9	39.5	32.7	25.8	26.1	22.7	21.3	14.4	19.3	12.8	32.5	20.6	39.5	39.5
min	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Daily Severity Rating, DSR</b>														
mean	1.6	2.2	1.6	0.8	0.3	0.2	0.1	0.1	0.2	0.2	0.6	0.8	0.7	1.1
median	1.2	1.7	0.9	0.1	0	0	0	0	0	0	0.2	0.4	0.1	0.4
max	13.9	18.2	13	8.6	8.8	6.8	6.1	3	5.1	2.5	12.9	5.7	18.2	18.2
min	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Monthly Severity Rating, MSR</b>														
mean	50.6	62.5	50	25.1	9.3	4.9	4.2	2.4	5.7	7.1	18.1	25.7	22.1	34.2
max	115.3	163.3	143.3	136.5	95.6	42	68.8	25.7	64.3	19.5	75.7	50.4	163.3	163.3
min	10.5	5	4.4	0.6	0.1	0.1	0	0	0	1.4	2.3	1	0	0.6
<b>Cumulative Daily Severity Rating, CDSR</b>														
mean													265.7	236.3
max													574.7	506.6
min													85.9	76.2

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR	FIRE SEASON
<b>Forest Fire Danger Class (FFDC) Frequency</b>														
<b>Low</b>														
mean	9.2	8.3	12.2	18.7	26.8	26.6	28.6	29.4	28	26.8	18.9	15.3	248.9	110.5
max	21	26	30	30	31	30	31	31	30	31	29	31	303	151
min	2	1	0	0	0	0	0	5	5	20	2	6	115	73
<b>Moderate</b>														
mean	17.7	13.2	14.6	9.9	3.9	3.3	2.2	1.6	1.8	4.2	10.6	14.9	97.9	84.2
max	27	23	28	27	29	29	27	26	19	11	24	23	209	115
min	10	3	1	0	0	0	0	0	0	0	1	0	61	54
<b>High</b>														
mean	3.9	6	3.7	1.4	0.2	0.1	0.2	0	0.2	0	0.5	0.8	16.9	16.1
max	16	16	18	17	5	1	4	0	6	0	4	4	59	59
min	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Very High</b>														
mean	0.2	0.5	0.5	0	0	0	0	0	0	0	0	0	1.3	1.2
max	1	4	7	1	1	0	0	0	0	0	0	0	10	10
min	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Extreme</b>														
mean	0	0.1	0	0	0	0	0	0	0	0	0	0	0.2	0.2
max	1	2	0	0	0	0	0	0	0	0	1	0	3	3
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	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
<b>Grass Fire Danger Class (GFDC) Frequency</b>														
<b>Curing source Auckland (Mainland)</b>														
Curing%	75	80	80	60	40	40	30	40	45	50	65	70		
<b>Low</b>														
mean	2	2.2	2.5	6.2	11	12.3	16.8	14.5	9.8	7.6	4.7	4.7	94.4	30.4
max	6	8	7	12	23	22	31	23	23	14	12	13	140	46
min	0	0	0	0	0	0	0	0	3	2	1	0	23	15
<b>Moderate</b>														
mean	18.1	13.9	20	23.5	20	17.7	14.2	16.5	19.9	22.8	24.1	22.1	232.7	144
max	24	22	27	30	31	30	31	31	27	29	29	29	301	161
min	11	8	11	18	8	8	0	8	7	15	17	17	202	113
<b>High</b>														
mean	10.8	12	8	0.3	0	0	0	0	0.3	0.7	1.2	4.2	37.5	37.2
max	19	19	17	5	0	0	0	0	6	10	9	9	73	80
min	3	2	0	0	0	0	0	0	0	0	0	0	13	11
<b>Very High</b>														
mean	0	0.1	0.4	0	0	0	0	0	0	0	0	0	0.5	0.5
max	1	2	6	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
<b>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>Very Extreme</b>														
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
<b>Scrub Fire Danger Class (SFDC) Frequency</b>														
<b>Low</b>														
mean	2.8	3.3	4	6.2	10.5	11.7	14.2	14	10.2	8.9	5.8	5.9	97.3	37.4
max	7	10	9	13	22	22	31	23	22	16	13	17	140	61
min	0	0	0	0	0	0	0	0	2	4	1	1	34	21
<b>Moderate</b>														
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
<b>High</b>														
mean	2.2	2.2	2.8	4	6	7.2	6.9	6.2	5.1	3.9	3.7	3	53.3	22.3
max	7	7	7	9	11	13	12	10	9	7	9	6	80	38
min	0	0	0	0	0	0	0	2	0	1	0	1	16	8
<b>Very High</b>														
mean	3.3	2.5	3.1	5.1	6.2	6.5	5.7	6.2	5.3	4.1	3.6	3.5	54.9	25.1
max	9	6	9	10	16	16	18	16	10	9	8	6	91	38
min	0	0	0	1	1	2	0	1	2	0	0	1	40	16
<b>Extreme</b>														
mean	10.1	9.7	13.6	12.1	7.6	4.5	4	4.4	7.3	9.3	10.8	10.7	104.1	75.8
max	17	17	24	25	26	21	21	13	17	19	15	17	153	92
min	5	4	5	2	0	0	0	0	0	3	4	5	69	54

