

Station Name: Waihou Bay Raws (WHB)

Period: 2007-01-01 - 2021-07-01

Length of record: 14 years

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR	FIRE SEASON
Temperature, degrees Celsius														
mean	21.6	22.4	21.4	19.3	16.9	14.8	13.8	14.1	15	16.2	17.8	20.1	17.8	19.9
median	21.6	22.4	21.5	19.3	17	14.8	13.9	14.3	15	16.3	17.8	20.3	17.6	20.1
max	26.6	26.8	25.9	25.4	21.8	19	18	19.2	19.1	20.2	24.6	26.9	26.9	26.9
min	15.6	16.2	15.3	8.4	9.2	10	7.1	3.3	9.1	10.1	11.2	13.3	3.3	8.4
Relative Humidity, %														
mean	71	67.4	65.7	67.5	68.8	70.4	69.5	68.9	70.1	71.8	70	72.3	69.4	69.4
median	70	67	65	66	67	70	69	69	69	71	69	71	69	69
max	100	100	100	100	100	100	100	100	100	100	100	100	100	100
min	36	34	33	33	38	36	24	26	29	39	25	33	24	25
Wind Speed, km/h														
mean	12.8	12.2	11.1	12.1	11.8	11.4	11.7	13.1	14.8	15.3	13.9	12.3	12.7	12.8
median	12.3	11.9	10.8	11.2	10.4	10.1	11.2	12.2	13.7	14.8	13.3	11.9	12.1	12.2
max	34.2	37.7	31.9	30.6	37	36.5	37.8	34.6	54	61	29.2	26.3	61	61
min	0	0	0	0	0	0	0	0	0.7	0	0	0	0	0
24-hr Rainfall, millimeters														
mean	2.1	1.8	3.5	4	3.9	5.5	4.2	4.3	3.2	2.9	2	3	3.4	2.8
median	0	0	0	0	0	0.2	0.2	0.4	0.1	0	0	0	0	0
max	90.6	61	94	96	69.2	80.4	55.4	66	69.6	72	43.4	75.6	96	96
min	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Monthly Rainfall, millimetres														
mean	68.9	50.9	112.6	119.2	119.4	159.6	130.7	134.7	96.6	89.4	60.5	93.9	103	85.1
max	178.6	114	286	243.4	319	271.6	206	274	180.6	161.2	163.4	166.8	319	286
min	8.6	0.8	24.2	33	35.8	91	84.4	68.8	30.6	16.2	21	5	0.8	0.8
Seasonal Rainfall, millimetres														
mean													1236.3	596.3
max													1559.2	806.6
min													999.4	429.8
Fine Fuel Moisture Code, FFMC														
mean	74.7	76.9	75.8	72.3	67.9	62.3	63.1	63.8	66.9	68.8	73.6	70.8	69.8	73.3
median	82.3	84.4	84	82.1	79.1	71	71	70.6	74.5	76.4	81.3	81	79.7	82
max	90.4	90.3	91	89.7	88.2	87.6	90.9	89.5	89.4	88.2	90.7	88.1	91	91
min	0	5.4	2.8	1.9	3.6	1	3.2	0.2	9	1.5	8.1	4	0	0
Duff Moisture Code, DMC														
mean	17.2	26.9	19.7	14	7.2	3.4	2.6	3.6	5.8	7.1	12.8	15	11.3	16.1
median	15	25.6	15.9	10.9	5.4	2.6	2.1	2.5	4.5	5.9	11	13	7.4	12.5
max	54.4	72.2	84.4	72	36	23	9.5	25	28.2	24.6	39.9	43.5	84.4	84.4
min	0	0	0.5	0.2	0	0	0	0	0	0	0.1	0	0	0
Drought Code, DC														
mean	222.1	312.5	270	194.4	106.7	46.8	13.9	12.9	18.6	38.6	91	159.5	125.2	185.3
median	213.3	303.6	254.7	178.3	65.1	13.8	9.4	9.3	14.8	30.9	91.8	165.7	70.9	161
max	481.8	583.9	656.7	722.4	317.1	322.8	124.7	61.6	75.8	133.7	207.3	303.9	722.4	722.4
min	24.7	60.9	5.5	3.4	2.4	1.5	1.2	0.5	1.3	3	5	6.7	0.5	3
Initial Spread Index, ISI														
mean	3	3.5	3	2.8	2.2	1.6	1.5	1.7	2.2	2.2	2.7	2.4	2.4	2.8
median	2.8	3.6	2.9	2.6	2.1	1.2	1.2	1.3	1.7	1.8	2.6	2.2	2.1	2.6
max	17.2	26.4	10.5	11.9	11	9.2	9.1	13.4	19.3	9.6	12.8	7.9	26.4	26.4
min	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Buildup Index, BUI														
mean	28	43.2	32.4	22.3	10.8	4.7	3.2	4.1	6.5	9.4	18.3	23.4	17.3	25.3
median	25.7	42.4	27	17.1	7.6	3.5	2.6	3	5.1	7.6	16.4	21.2	10.6	20.2
max	84.8	106.7	127	115.3	51.4	29.5	13.2	24.8	27.8	31.2	52.5	63.7	127	127
min	0	0	0.9	0.3	0	0	0	0	0	0	0.2	0	0	0
Fire Weather Index, FWI														
mean	6.2	8.9	6.6	4.9	2.6	1.3	0.9	1.2	2	2.4	4.2	4.4	3.8	5.4
median	5.2	8.5	5.9	3.5	1.7	0.4	0.4	0.5	0.8	0.9	3.7	3.6	1.9	4.1
max	32.4	52	32	27.9	13.3	13.4	8	15.7	15.3	15.2	19.2	15.7	52	52
min	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Daily Severity Rating, DSR														
mean	1	1.8	1.1	0.8	0.3	0.1	0	0.1	0.2	0.2	0.5	0.6	0.6	0.9
median	0.5	1.2	0.6	0.2	0.1	0	0	0	0	0	0.3	0.3	0.1	0.3
max	12.8	29.7	12.6	9.8	2.6	2.7	1.1	3.6	3.4	3.3	5.1	3.6	29.7	29.7
min	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Monthly Severity Rating, MSR														
mean	31.4	50.4	36.1	22.9	8.4	3.1	1.5	3.2	5.7	7.3	15.7	17.8	16.9	25.9
max	79.3	132.9	128.1	74.8	22	9	4.3	26.7	22.9	16.7	30.7	41.6	132.9	132.9
min	3.3	7.5	8	2.5	1.6	0.1	0.4	0.5	0.2	1.5	2.9	2.9	0.1	1.5
Cumulative Daily Severity Rating, CDSR														
mean													203.4	180.1
max													451.7	431.1
min													60.6	85.5

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Forest Fire Danger Class (FFDC) Frequency														
Low														
mean	14.9	9.2	13.4	18.4	25	29.1	31	30.1	27.9	26.3	17.6	17.9	260.8	117.9
max	30	24	26	29	31	30	31	31	30	31	30	30	330	150
min	3	1	3	7	14	24	31	18	20	14	6	5	217	82
Moderate														
mean	14.5	15	15.8	10.6	6	0.9	0	0.9	2.1	4.7	12.2	13.1	95.8	85.7
max	24	24	25	22	17	6	0	13	10	17	23	26	131	117
min	1	4	4	1	0	0	0	0	0	0	0	1	36	62
High														
mean	1.4	3.5	1.5	0.7	0	0	0	0	0	0	0.2	0.1	7.4	7.3
max	7	13	8	6	0	0	0	0	0	0	2	1	33	33
min	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Very High														
mean	0.2	0.5	0.3	0.2	0	0	0	0	0	0	0	0	1.2	1.2
max	2	5	4	3	0	0	0	0	0	0	0	0	10	10
min	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Extreme														
mean	0	0	0.1	0	0	0	0	0	0	0	0	0	0.1	0.1
max	0	0	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
Very Extreme														
mean	0	0.1	0	0	0	0	0	0	0	0	0	0	0.1	0.1
max	0	1	0	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
Grass Fire Danger Class (GFDC) Frequency														
Curing source North Island (Bay of Plenty coastal)														
Curing%	70	75	80	75	70	60	50	65	70	75	85	85		
Low														
mean	4.4	3.4	3.4	5.1	7.1	11.3	10.6	9.9	7.3	5.6	3.7	5.1	76.7	30.6
max	13	10	11	10	13	17	17	15	13	11	9	11	93	46
min	0	0	0	1	2	6	7	2	2	1	1	0	64	18
Moderate														
mean	22.2	16.4	17.2	18.7	22.1	18.6	20.2	20.5	20.2	21.1	17.5	18.1	232.8	132.6
max	27	23	26	24	27	24	24	25	26	24	27	24	260	165
min	18	6	9	13	15	13	14	16	13	17	11	13	199	104
High														
mean	4.4	8.5	10.4	6.1	1.8	0.1	0.2	0.6	2.4	4.3	8.5	7.8	55.1	48.6
max	11	16	20	14	4	2	3	9	9	11	16	18	83	85
min	0	1	0	0	0	0	0	0	0	1	1	1	27	25
Very High														
mean	0.1	0	0.1	0.1	0	0	0	0	0.1	0	0.3	0	0.6	0.5
max	1	0	1	1	0	0	0	0	2	0	2	0	3	2
min	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Extreme														
mean	0	0.1	0	0	0	0	0	0	0	0	0	0	0.1	0.1
max	0	1	0	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
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	5	4	4.8	6.4	8.4	11.4	11.9	11.3	9.6	7.9	4.9	7	92.6	39.9
max	15	12	12	11	15	17	18	16	17	15	11	13	116	51
min	0	0	1	1	3	5	8	2	4	1	2	1	75	28
Moderate														
mean	0.1	0	0	0	0	0	0	0	0	0	0	0	0.1	0.1
max	1	0	0	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
High														
mean	2.9	2.2	2.9	2.5	3.1	3.2	4.1	3.9	2.6	3.3	2.7	2.8	36.3	19.3
max	8	5	9	6	6	7	9	8	6	9	7	7	44	32
min	0	0	0	0	1	0	1	1	0	0	0	0	29	12
Very High														
mean	4.5	2.2	3.3	3.6	3.8	5.1	5.3	5.2	4.9	5.9	3.9	4.9	52.7	28.8
max	10	5	7	8	7	9	8	9	8	10	7	11	69	39
min	1	0	1	1	1	2	3	0	2	2	1	1	39	21
Extreme														
mean	9.7	9.6	10.4	10.3	11.8	8.3	8.4	8.6	8.4	9	13.6	11.5	119.4	75.3
max	15	18	18	14	20	17	16	14	11	16	21	17	144	102
min	7	2	5	5	5	1	3	2	3	5	9	6	99	60

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Very Extreme														
mean	8.8	10.3	9.6	7.2	3.9	2	1.3	2	4.6	4.9	4.8	4.8	64.2	48.9
max	20	17	19	14	11	5	5	16	12	11	12	12	99	86
min	0	2	0	1	0	0	0	0	0	1	0	0	30	27