

Station Name: Holdsworth Station Raws (HWT)

Period: 1994-08-22 - 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	21.6	21.6	19.6	16.9	14.5	11.8	10.9	11.7	13.8	15.5	17.2	19.5	16.2	18.8
median	21.8	21.8	19.9	17.1	14.8	11.9	10.9	11.9	14	15.9	17	19.7	15.9	18.9
max	33.4	32.6	29.6	25.1	23.9	19.8	18.2	20	23.4	26.2	29.6	30.7	33.4	33.4
min	9.3	9.7	9.4	5.9	3.4	3	1	1.6	3.4	4.5	6.6	7.8	1	4.5
Relative Humidity, %														
mean	56.3	56.4	59.9	65.4	68.5	72.8	72.9	69.5	63.1	60.7	59.1	59	63.6	59.6
median	54	53	56.8	63.6	66.5	72	72.8	69	60	58	56.7	57	62	57
max	100	100	100	100	100	100	100	100	100	100	100	100	100	100
min	13	19	17	31	26	36	33	32.3	27	20.1	20.1	23	13	13
Wind Speed, km/h														
mean	11.9	11.3	11.1	10.2	10	10.3	10.2	11.1	12.8	13.6	13.6	12.9	11.6	12.1
median	10.4	9.9	9.4	8.6	7.8	8	8.2	9.6	11	11.5	11.4	11.2	9.8	10.4
max	57.5	44.4	45.5	52.8	53.6	63.8	71.3	56.4	55.4	59.8	56.3	49.7	71.3	59.8
min	1.4	1	0.5	0	0	0	0	0	0	1.4	1.1	0	0	0
24-hr Rainfall, millimeters														
mean	2.7	2.8	2.9	3.5	3.6	4.7	4.9	4.2	4	4.7	4.3	3.1	3.8	3.4
median	0	0	0	0.2	0.2	0.8	1	1	0.2	0.4	0.2	0	0.2	0
max	62.8	91.6	78	101.6	72.8	90.2	84.8	69.4	64	89	138.4	48.4	138.4	138.4
min	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Monthly Rainfall, millimetres														
mean	85.8	79.9	92.9	105	111.2	138.4	153	133.2	117.5	147.3	119.2	98.5	115.2	104.1
max	175.2	367.6	174.6	302.8	196.4	229.8	279.6	245.2	259.4	382.2	268.8	205.4	382.2	382.2
min	9.8	16.6	27.4	26.4	17.6	47.4	66.4	24.2	22	59.6	26.2	33.4	9.8	9.8
Seasonal Rainfall, millimetres														
mean													1382	730.6
max													2148.6	1176.2
min													794	396
Fine Fuel Moisture Code, FFMC														
mean	77.2	77.3	73.6	67.6	62.5	54.3	52.7	57.2	65.2	66	70.2	73.7	66.5	72.2
median	85	85.1	83.5	76.8	68.9	57.6	55.6	59.8	72.2	72.8	78	81.5	75	81.2
max	96.7	94.1	94	90.6	88.7	87.8	87.2	87.9	90.3	92.6	93.3	93.8	96.7	96.7
min	0.3	0.9	6.8	0.3	7.4	0	0.6	2.5	0.1	1.9	3.5	0.2	0	0.2
Duff Moisture Code, DMC														
mean	23	26.2	19.5	9.1	5.2	2.2	1.4	2.5	5.9	6.9	11.6	16.5	10.8	16
median	18.7	22.2	14.6	7.7	3.5	1.2	0.9	1.4	4.3	5.5	9.1	13.2	6.2	11.6
max	91.1	92.7	90.9	40.1	27.4	33.2	10.2	17.9	29.7	28.3	49.3	85.4	92.7	92.7
min	1.2	0.1	0.3	0	0	0	0	0	0	0	0	0.7	0	0
Drought Code, DC														
mean	183.4	241.7	235.7	172.8	106.9	37.9	12.4	11.5	19.3	21.7	50.1	108	99.8	143.8
median	177.2	238.6	223.8	169.8	75.6	9	5.2	6.1	11.4	15.8	40.9	98.2	42.9	108.6
max	511.5	649.4	655.4	484.4	486.2	457.4	224.6	101.1	118	101.2	184.4	334.6	655.4	655.4
min	6	5	3.5	2.1	0.9	0.2	0	0	0.3	1.8	3.7	5	0	1.8
Initial Spread Index, ISI														
mean	4.3	4.2	3.5	2.2	1.6	1.1	1	1.2	2.2	2.5	3.1	3.5	2.5	3.3
median	3.6	3.6	2.8	1.5	1	0.6	0.5	0.7	1.2	1.4	1.9	2.6	1.4	2.4
max	38.5	28.5	28.8	29	26.9	33.4	24.2	12.2	24.2	19.2	30.5	23.8	38.5	38.5
min	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Buildup Index, BUI														
mean	33.7	39.9	30.6	15.2	8.3	3.2	1.7	3	6.5	7.6	14.2	22.5	15.5	23.3
median	29	34.7	23.7	12.6	5.3	1.7	1.1	1.7	4.6	6.1	11.5	18.7	8.4	17
max	122.1	129.7	119.7	56.8	47.4	56.2	11.2	24.8	36	33.3	59.1	101.9	129.7	129.7
min	1.7	0.2	0.5	0	0	0	0	0	0	0	0	1.2	0	0
Fire Weather Index, FWI														
mean	9.1	9.8	7.2	3.2	1.8	0.7	0.5	0.7	2.1	2.5	4.3	6	4	6
median	7.3	7.9	5	1.2	0.4	0.2	0.1	0.2	0.5	0.7	1.9	3.8	0.8	3.2
max	56.3	47.4	46.8	43.1	30.3	24.8	17.7	11.4	20	22.1	33.5	38.9	56.3	56.3
min	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Daily Severity Rating, DSR														
mean	2.1	2.4	1.5	0.5	0.2	0.1	0	0	0.2	0.3	0.7	1.2	0.8	1.2
median	0.9	1.1	0.5	0	0	0	0	0	0	0	0.1	0.3	0	0.2
max	34.1	25.2	24.6	21.3	11.4	8	4.4	2	5.5	6.5	13.6	17.7	34.1	34.1
min	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Monthly Severity Rating, MSR														
mean	65.7	65.8	46.7	13.7	6.2	2.4	0.8	1.3	7.1	9.4	21.5	36.3	23.1	37
max	249.3	207.4	124.1	49.7	28.8	30.6	6.2	7	23.5	28	68.5	124.5	249.3	249.3
min	13.3	9.5	8.3	0.4	0.1	0	0	0	0.7	0.9	4.7	8	0	0.4
Cumulative Daily Severity Rating, CDSR														
mean													277	261.8
max													617.9	732
min													96	66.8

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR	FIRE SEASON
Forest Fire Danger Class (FFDC) Frequency														
Low														
mean	12.7	10.9	15.8	23.1	27.7	29.5	30.9	30.7	27	27	20.9	17.6	273.7	127
max	23	24	27	30	31	30	31	31	30	31	29	27	324	175
min	1	1	4	11	13	20	30	29	15	15	8	4	200	73
Moderate														
mean	12.5	11.1	11.3	6.4	3.2	0.3	0.1	0.3	3	4	8.2	10.7	71	64.5
max	18	20	19	17	18	5	1	2	15	16	20	21	116	91
min	6	5	4	0	0	0	0	0	0	0	1	4	39	37
High														
mean	4	4.3	3	0.5	0.1	0.2	0	0	0	0	0.9	2	15	15.3
max	11	11	12	3	2	5	0	0	0	1	6	13	37	33
min	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Very High														
mean	1.4	1.3	0.7	0	0	0	0	0	0	0	0	0.5	4.1	4
max	11	6	5	1	0	0	0	0	0	0	1	8	17	18
min	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Extreme														
mean	0.4	0.7	0.2	0	0	0	0	0	0	0	0	0.1	1.3	1.3
max	2	6	3	1	0	0	0	0	0	0	0	2	8	10
min	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Very Extreme														
mean	0.1	0	0	0	0	0	0	0	0	0	0	0	0.1	0.1
max	2	0	1	0	0	0	0	0	0	0	0	0	3	3
min	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Grass Fire Danger Class (GFDC) Frequency														
Curing source Wairarapa (Wairarapa)														
Curing%	90	95	95	80	60	50	45	45	50	65	70	80		
Low														
mean	3.3	3.1	4.8	7.2	13.1	15.3	17.2	15.2	9.3	9	6.5	4.1	108	37.5
max	10	8	11	19	21	25	29	24	18	18	13	10	135	60
min	0	0	0	2	2	9	10	6	3	3	0	1	85	23
Moderate														
mean	12	9.7	11.7	17.7	17.4	14.2	13.7	15.5	19	18.9	17.7	16.2	183.9	103.9
max	20	16	22	23	29	21	20	25	25	24	26	21	207	120
min	5	2	3	10	9	5	2	7	11	11	11	8	160	85
High														
mean	11.3	11	11.4	4.9	0.4	0.4	0.1	0.3	1.6	3	5.2	9.2	58.8	56.7
max	20	20	23	17	2	4	2	3	7	6	10	18	82	80
min	4	6	4	0	0	0	0	0	0	0	0	4	37	25
Very High														
mean	3.5	3.8	2.3	0.1	0.1	0	0	0	0.1	0.2	0.5	1.3	12	11.7
max	8	12	8	1	2	1	1	0	1	1	2	8	26	26
min	0	0	0	0	0	0	0	0	0	0	0	0	5	4
Extreme														
mean	0.7	0.6	0.7	0.1	0	0	0	0	0	0	0.1	0.2	2.4	2.3
max	3	4	3	2	0	0	0	0	0	0	1	2	7	7
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	0.1	0.1
max	1	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
Scrub Fire Danger Class (SFDC) Frequency														
Low														
mean	4.9	4.1	6.8	9.3	12.4	15.9	16.8	15.7	10.1	10.7	8	6.5	121.3	49.8
max	11	10	13	21	23	24	29	23	18	19	14	13	149	73
min	0	0	2	3	2	8	10	4	3	4	1	2	95	32
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	3	3.3	3.7	4.6	5.5	6	6.2	5	4.9	4.4	3.9	3.8	54.1	26.3
max	6	7	9	8	11	12	10	9	9	10	7	9	75	35
min	1	1	1	2	0	1	1	2	1	0	0	1	41	19
Very High														
mean	3	2.9	2.8	3.8	3.3	3.6	3.6	4.4	3.4	3.5	3.5	3.2	41.2	22.8
max	7	9	10	7	6	8	8	11	7	7	9	6	52	33
min	0	0	0	0	0	0	0	1	0	1	1	0	31	12
Extreme														
mean	6.7	6.2	7.2	7.7	7.2	3.4	3.3	4.3	6.6	6.1	6	7.5	72.2	47.6
max	13	11	14	12	19	12	8	13	14	12	14	13	102	60
min	2	1	3	1	3	0	0	0	2	3	1	3	55	35

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Very Extreme														
mean	13.3	11.8	10.5	4.6	2.6	1.1	1	1.6	5	6.3	8.7	10.1	76.5	65.8
max	22	23	21	15	9	6	4	6	11	14	17	22	109	96
min	5	4	3	0	0	0	0	0	1	1	3	6	44	31