

Station Name: Hokianga Raws (HOK)

Period: 1996-11-29 - 2021-07-01

Length of record: 24 years

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR	FIRE SEASON
Temperature, degrees Celsius														
mean	23.2	23.6	22.1	19.9	17.6	15.3	14.4	15.2	16.6	18	19.3	21.2	18.9	21.1
median	23.4	23.9	22.4	20	17.7	15.3	14.2	14.8	16.1	17.7	19.3	21.3	18.8	21.1
max	29.7	31.3	28.3	26.9	24.1	23.5	26.9	28.6	27.3	27.3	28.5	27.9	31.3	31.3
min	12.8	8.9	7	8.7	8	7	6.7	6.4	7.8	10.3	10.2	11.5	6.4	7
Relative Humidity, %														
mean	62.1	63	65.6	70.6	77.4	82.2	80.1	75	70.1	66.8	64.6	65.1	70.2	65.4
median	59	61	63	68	76	82	80	74	68	64	63	62	68	63
max	100	100	100	100	100	100	100	100	100	100	100	100	100	100
min	28	31	33	37	43	49	38.1	44.9	36	34	30	32	28	28
Wind Speed, km/h														
mean	16.9	16.2	16	14.7	13.8	13.6	14.4	15.8	18	18.3	18.7	17.9	16.2	17
median	16.2	15.6	15.3	14.1	13	12.4	12.9	15	17.5	18.4	18.7	18	15.8	16.8
max	44	46.9	45	41.3	45.3	52	50.8	44.6	61.9	46.3	50.8	47.2	61.9	50.8
min	0	2	0	0.8	0	0	0	0.6	1.9	0	0	0	0	0
24-hr Rainfall, millimeters														
mean	2.6	2.7	2.2	2.8	3.3	4.7	4.8	4	3.5	2.6	2.4	2.4	3.2	2.5
median	0	0	0	0.2	0.4	1	1	1.2	0.6	0.2	0.2	0	0.2	0
max	156.6	105.8	71.8	84.8	80	82.6	86.8	44.4	62.3	74.8	50.4	63	156.6	156.6
min	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Monthly Rainfall, millimetres														
mean	83.1	76.7	69.5	83.2	104.9	141.9	149	124.3	103.6	80.8	70.9	75.3	96.9	77.1
max	334	263.4	239	238.8	209.6	353.4	359.2	188.6	183.8	183.8	204.8	187.4	359.2	334
min	3	6.4	6	14.2	33.2	50.2	32.8	56	50.2	22.6	4.2	8	3	3
Seasonal Rainfall, millimetres														
mean													1163.1	539.7
max													1549.8	827
min													865.2	282
Fine Fuel Moisture Code, FFMC														
mean	79.4	78.4	77.5	71.4	62.4	52.1	53	59.3	66.3	72.1	75.6	75.6	68.6	75.7
median	86	85.4	84	80	69	56.2	55.3	62.2	74	79.9	83.1	83.7	77.4	83.5
max	92.2	91.2	90.4	89.9	87.7	87	89	88.1	89	88.9	91.9	91.6	92.2	92.2
min	4.5	1.9	0.1	1	0.9	0.3	1.6	0.3	0.1	2.2	7.2	4.4	0.1	0.1
Duff Moisture Code, DMC														
mean	29.4	34.7	27.4	17.6	5.8	1.3	1.2	2.1	5.3	9.1	16.1	20.6	14.2	22.1
median	26.7	28.3	19.9	12.8	3.3	0.6	0.5	1.2	3.7	7.7	13.4	16.1	7.4	16.2
max	84.3	115.4	141.6	73.1	53.6	17.4	21.9	25.7	47.3	32.1	58.8	83.3	141.6	141.6
min	0	0.7	0.6	0	0	0	0	0	0	0	0.4	0.2	0	0
Drought Code, DC														
mean	260.8	315.4	330.3	315.4	223.3	100.5	36.4	16	21.7	40.4	102.7	181.6	163.2	221.5
median	266.9	336.6	322.5	310.2	210.9	56.6	10.2	9.3	13	35.5	97.4	179.9	103.4	183.5
max	532.7	671.3	741.5	758.4	671.7	487.9	335.1	166.9	183.9	146.2	265.5	432.8	758.4	758.4
min	7.4	6.2	5.7	3.9	1.7	1.1	1	1.4	1.3	2.8	5.2	6	1	2.8
Initial Spread Index, ISI														
mean	5.3	5	4.3	2.9	1.7	1	1.1	1.5	2.5	3.2	4.2	4.4	3.1	4.2
median	5	4.6	3.8	2.5	1.1	0.6	0.6	1	1.8	2.9	3.9	4	2.2	3.8
max	24.7	23.9	28.1	15.1	16.7	14.1	19.9	19.1	17.9	15.7	19.9	32.3	32.3	32.3
min	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Buildup Index, BUI														
mean	44.3	52.5	43	29.4	10.1	2.3	1.9	2.8	6.4	11.2	22.1	30.5	21.4	33.3
median	42.3	45.8	32	22.2	6.1	1.2	0.8	1.7	4.3	9.6	19	25.2	11	24.7
max	114.7	156.5	182.8	112.5	89.4	29.3	32.4	37.1	57	38.9	68.3	112.5	182.8	182.8
min	0	1.1	1	0	0	0	0	0	0	0	0.6	0.4	0	0
Fire Weather Index, FWI														
mean	12.7	12.8	10	6	2	0.6	0.6	1	2.3	3.8	7	8.8	5.6	8.7
median	12	10.9	8.1	4.4	0.5	0.2	0.1	0.3	0.7	2.9	6.2	7.5	2.1	6.8
max	45.1	56.3	48.3	32.1	31	20.2	17	26.4	31.9	21.7	30.2	69.5	69.5	69.5
min	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Daily Severity Rating, DSR														
mean	3.3	3.6	2.4	1.1	0.2	0.1	0.1	0.1	0.3	0.5	1.2	2	1.2	2
median	2.2	1.9	1.1	0.4	0	0	0	0	0	0.2	0.7	1	0.1	0.8
max	23	34.1	26	12.6	11.9	5.6	4.1	8.9	12.5	6.3	11.3	49.6	49.6	49.6
min	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Monthly Severity Rating, MSR														
mean	101.4	100.9	75.7	33.5	7.3	1.9	2	3.5	8.6	14.8	37.3	62.7	37.5	60.9
max	211.9	317.8	294.6	91.4	30.9	32.5	34.7	60.5	95.9	40	85.5	283	317.8	317.8
min	4.3	13.2	11.5	2.7	0.2	0	0	0.1	0.8	3.3	10.1	12.6	0	2.7
Cumulative Daily Severity Rating, CDSR														
mean													449.5	431
max													942.5	932.4
min													201.9	152.4

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR	FIRE SEASON
Forest Fire Danger Class (FFDC) Frequency														
Low														
mean	7.2	7.2	10.7	16.1	26.9	29.4	30.2	30.3	27.5	22.8	13.3	11.6	233.3	88.9
max	27	23	22	30	31	30	31	31	30	31	25	25	277	137
min	0	0	1	3	15	18	13	15	9	8	2	0	183	49
Moderate														
mean	13.4	11.8	13.9	11.5	3.9	0.5	0.8	0.5	1.9	8	14.4	14.1	94.8	86.3
max	21	23	24	22	16	11	18	11	8	23	25	23	135	114
min	2	1	6	0	0	0	0	0	0	0	4	6	69	63
High														
mean	7.2	5.4	4.1	2	0.1	0	0	0.2	0.5	0.2	2.2	4	25.9	25.5
max	16	14	14	8	1	1	0	5	12	3	11	12	63	52
min	0	0	0	0	0	0	0	0	0	0	0	0	8	3
Very High														
mean	2	2.1	1.5	0.3	0	0	0	0	0	0	0	1	7	7.2
max	11	11	11	4	1	0	0	0	1	0	1	9	27	26
min	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Extreme														
mean	1.2	1.5	0.8	0.1	0	0	0	0	0	0	0	0.3	3.8	3.9
max	7	12	7	1	0	0	0	0	0	0	0	5	26	26
min	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Very Extreme														
mean	0	0.2	0.1	0	0	0	0	0	0	0	0	0.1	0.4	0.4
max	0	2	1	0	0	0	0	0	0	0	0	2	3	3
min	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Grass Fire Danger Class (GFDC) Frequency														
Curing sources Northland (Zone 2 Far North)														
Curing%	75	80	70	50	40	40	40	40	45	50	65	70		
Low														
mean	2.3	2	2.4	5	11.2	16.3	17.4	12.9	7.8	4.6	3.1	3.3	88.4	23
max	8	5	6	10	21	28	27	21	13	9	9	8	138	40
min	0	0	0	0	5	6	1	5	1	0	0	0	57	9
Moderate														
mean	11.1	10	18.4	22.9	19.5	13.4	13.2	17.7	20.8	23.5	20.5	16.5	207.5	122.3
max	23	18	24	30	26	24	23	23	28	28	25	23	241	148
min	3	2	8	16	10	2	4	10	14	19	14	9	175	94
High														
mean	15.8	13.9	9.7	2	0.3	0.3	0.4	0.5	1.4	2.8	6.3	11	64.4	61.8
max	24	22	21	8	2	6	7	9	10	9	12	20	94	90
min	0	6	4	0	0	0	0	0	0	1	2	4	34	21
Very High														
mean	1.7	2.1	0.4	0	0	0	0	0	0	0	0	0.2	4.5	4.6
max	6	9	3	0	0	0	0	0	0	0	1	1	16	16
min	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Extreme														
mean	0.2	0.3	0.1	0	0	0	0	0	0	0	0	0	0.6	0.6
max	1	3	2	0	0	0	0	0	0	0	0	1	3	3
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	3.5	3.3	3.5	6.2	11.8	16.6	17.7	14.3	9.7	6.5	4.9	4.7	102.7	32.7
max	12	9	8	14	23	28	27	23	16	12	12	11	152	58
min	0	0	0	0	4	8	2	7	3	0	0	0	68	20
Moderate														
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	1	1	1
min	0	0	0	0	0	0	0	0	0	0	0	0	0	0
High														
mean	1.1	1.4	2.2	2.9	5	5.2	5.2	4.2	2.6	1.7	1.5	1.3	34.4	12.7
max	6	4	6	7	11	10	10	12	5	6	7	4	43	29
min	0	0	1	0	1	0	0	0	1	0	0	0	24	7
Very High														
mean	1.5	2.3	2.5	4	4.5	4.6	3.3	4.9	4.4	4.3	2.3	2.7	41.2	19.5
max	5	9	6	6	11	12	8	9	8	11	5	7	49	28
min	0	0	0	2	0	1	0	1	1	1	0	0	32	12
Extreme														
mean	6.2	5.9	8.9	9.4	6.9	2.7	3.3	5.6	7.5	8.9	7.4	7.5	80.3	53.2
max	13	16	16	17	15	7	8	13	12	17	11	11	109	83
min	1	0	4	2	2	0	0	1	2	2	3	4	54	33

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Very Extreme														
mean	18.7	15.3	13.9	7.5	2.8	0.9	1.5	2	5.8	9.6	13.9	14.9	106.6	94.1
max	28	27	23	13	8	13	17	18	19	16	26	25	139	133
min	1	5	7	0	0	0	0	0	2	3	4	6	66	48