

Station Name: Hokitika SYNOP (HKA)

Period: 1965-01-01 - 2021-07-01

Length of record: 56 years

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR	FIRE SEASON
<b>Temperature, degrees Celsius</b>														
mean	18	18.5	17.5	15.3	12.9	10.6	10.2	11.3	12.4	13.6	15.1	16.8	14.3	16.4
median	18	18.4	17.7	15.4	13	10.6	10	11.1	12.3	13.9	15	17	14	16.1
max	29	27	25.8	23	21	17	16.5	20	20.7	23	25	26	29	29
min	10	10	9	6.7	5.4	3.8	0.2	2	5	4.4	5	8.3	0.2	4.4
<b>Relative Humidity, %</b>														
mean	75.3	74.6	73.7	74	75.3	75.1	72.3	71.3	73.1	74.4	74	75.8	74.1	74.5
median	74	74	74	74	76.1	76	74	74	74	75	73	74	74	74
max	100	100	100	100	100	100	100	100	100	100	100	100	100	100
min	21	23	23	22	22	31	25	22	18	23	26	29	18	21
<b>Wind Speed, km/h</b>														
mean	16.3	15.1	13.8	12.4	10.9	10.4	10.8	12.3	15	17.5	17.6	17.3	14.1	15.7
median	14.8	13	13	11.1	9.3	9.3	9.3	11.1	13	16.7	16.7	16.7	13	14.8
max	52	52	55.6	51.9	48.2	46.3	59.3	55.6	55.6	59.3	61.1	55.6	61.1	61.1
min	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>24-hr Rainfall, millimeters</b>														
mean	7.8	6.1	6.9	7.9	7.8	7.9	6.9	7.5	8.2	8.8	7.9	8.5	7.7	7.7
median	0.1	0	0	0.2	0.6	0.4	0.2	0.6	2	2	0.8	1.1	0.4	0.4
max	154.4	208.6	175.4	147.6	119.1	172.2	135.5	175.3	137.8	111	166.3	144	208.6	208.6
min	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Monthly Rainfall, millimetres</b>														
mean	241.2	174.3	211.3	236.6	242.5	235.1	215.3	231.6	246.7	273.5	236.6	264.7	234.1	234
max	585.6	374.2	430.4	526	570.6	483.4	452.2	517.2	790.8	500.4	496.9	482	790.8	585.6
min	65.6	15.2	40.1	83.8	94.6	52	27.6	48.8	85.4	104.7	38.6	80.3	15.2	15.2
<b>Seasonal Rainfall, millimetres</b>														
mean													2809.4	1639.4
max													3735	2102.8
min													2179.4	1088.4
<b>Fine Fuel Moisture Code, FFMC</b>														
mean	62.2	65.2	62.4	57.2	50.5	49.2	52.1	52.6	51.7	53.3	58.2	57.2	56	59.4
median	71.4	75.1	71.5	63.4	51.2	49	54.6	53.6	51.8	54.6	63.8	62.8	61.1	66.8
max	91.5	90.8	91.5	90.1	90.2	88.6	89	90.1	92.7	90.9	91.2	89.4	92.7	91.5
min	0	1.2	0	0	0	0	0	0	0	0	0	0	0	0
<b>Duff Moisture Code, DMC</b>														
mean	5.7	7.1	5.5	3.2	2	1.5	1.9	2.1	2.3	2.3	4.1	4.4	3.5	4.6
median	4.4	5.4	4.2	2.2	1	0.7	1	1.1	1.2	1.5	2.7	3.2	2.1	3.2
max	28.2	40	36.7	24.5	17.3	12.3	15.6	14.5	22.5	17.3	23.1	32.6	40	40
min	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Drought Code, DC</b>														
mean	42.9	55.5	38.8	18.7	8.7	6.5	6.8	6.9	6.5	9.7	22.5	31.6	21.2	31.2
median	31.9	43.1	23.6	10.8	5.2	4	4.3	4.2	3.9	6.8	15.5	21.5	9.6	18.4
max	204.4	254.3	335.1	204	70.3	47.1	46.7	39.2	49.6	52.1	129.7	178.8	335.1	335.1
min	5.5	4.8	3.3	1.9	0.7	0.4	0.4	0.1	0.6	1.7	3.3	4.9	0.1	1.7
<b>Initial Spread Index, ISI</b>														
mean	1.9	2	1.7	1.3	0.9	0.9	1.1	1.2	1.2	1.3	1.7	1.5	1.4	1.6
median	1.5	1.7	1.3	0.9	0.3	0.3	0.4	0.4	0.5	0.7	1.1	1.1	0.8	1.2
max	15.4	19.4	17.9	13.3	15.4	12.2	12.7	24.9	27.9	13.6	17	13.3	27.9	19.4
min	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Buildup Index, BUI</b>														
mean	8.2	10.3	7.5	4.2	2.4	1.8	2.1	2.3	2.4	2.7	5.4	6.2	4.6	6.3
median	6.3	8	5.6	2.8	1.2	0.9	1.2	1.3	1.4	1.9	3.7	4.5	2.7	4.3
max	42	54.2	57.6	28.5	19	12.4	15.9	15.1	22.3	18.9	32	44.7	57.6	57.6
min	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Fire Weather Index, FWI</b>														
mean	2	2.4	1.7	1	0.6	0.5	0.6	0.8	0.8	0.8	1.5	1.4	1.2	1.5
median	0.7	0.9	0.6	0.3	0.1	0.1	0.1	0.1	0.1	0.2	0.4	0.4	0.3	0.5
max	17.7	19.7	20.7	12.9	16.7	12.4	12.3	17.5	26.9	13.4	19.4	14.1	26.9	20.7
min	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Daily Severity Rating, DSR</b>														
mean	0.2	0.2	0.2	0.1	0	0	0	0.1	0.1	0.1	0.2	0.1	0.1	0.1
median	0	0	0	0	0	0	0	0	0	0	0	0	0	0
max	4.4	5.3	5.8	2.5	4	2.3	2.3	4.3	9.2	2.7	5.2	3	9.2	5.8
min	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Monthly Severity Rating, MSR</b>														
mean	6.2	6.9	5.4	2.1	1.2	0.8	1.2	1.9	2.1	1.7	4.5	4	3.2	4.4
max	27.5	25.9	23.4	11.2	10	8.3	12.3	8.6	19.5	7.8	21.6	19.5	27.5	27.5
min	0.1	0.1	0.2	0.1	0	0	0	0	0	0	0.1	0.2	0	0
<b>Cumulative Daily Severity Rating, CDSR</b>														
mean													38.2	31.2
max													107.5	83.8
min													10.8	4.9

	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	27.5	23.7	28	29.4	30.8	29.9	30.8	30.7	29.6	30.8	27.9	28.9	348	195.9
max	31	29	31	30	31	30	31	31	30	31	30	31	366	213
min	15	9	14	22	27	27	25	27	23	27	20	18	292	160
<b>Moderate</b>														
mean	3.5	4.5	3	0.6	0.2	0.1	0.2	0.3	0.4	0.2	2.1	2.1	17.3	16.3
max	16	20	17	8	4	3	6	4	7	4	10	13	73	53
min	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>High</b>														
mean	0	0	0	0	0	0	0	0	0	0	0	0	0	0
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
<b>Very High</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>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>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 West Coast (Westland)</b>														
<b>Curing%</b>	30	30	30	20	10	10	10	10	20	20	30	30		
<b>Low</b>														
mean	11.3	9.1	12	17.1	25.3	24.3	23.6	23.3	19.5	18.1	13.1	14.2	211	95
max	21	18	20	26	31	30	31	31	29	29	25	24	254	130
min	3	1	5	5	13	13	9	11	9	10	4	3	156	67
<b>Moderate</b>														
mean	19.5	19	18.7	12.9	5.7	5.7	7.4	7.7	10.4	12.8	16.6	16.7	153.3	116.4
max	27	28	26	25	18	17	22	20	20	21	26	28	209	143
min	10	10	11	4	0	0	0	0	1	2	5	7	111	82
<b>High</b>														
mean	0.2	0.1	0.3	0	0	0	0	0	0	0	0.2	0	1	0.9
max	3	3	2	0	0	0	0	1	1	1	3	1	8	7
min	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Very High</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>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>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	11.8	9.1	11.8	13.9	18.1	17.5	16.9	17.1	17.4	17.1	13.8	14.7	179.1	92.2
max	24	18	19	22	30	29	29	29	28	30	24	24	216	123
min	3	1	4	4	6	6	2	6	8	10	4	3	131	68
<b>Moderate</b>														
mean	0	0	0	0	0.1	0.1	0.1	0.1	0	0	0	0	0.4	0
max	0	0	0	0	1	2	1	1	0	0	0	0	2	0
min	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>High</b>														
mean	2.6	2.9	4	4.5	5	4.8	4.4	4.3	3.6	2.8	2.4	2.6	43.9	21.5
max	8	11	9	10	9	13	11	9	8	9	7	6	59	38
min	0	0	0	0	0	1	0	1	0	0	0	0	27	7
<b>Very High</b>														
mean	4.6	4.5	4.9	4.8	3.6	3.4	3.6	3.3	3.3	4.5	4.2	4.7	49.3	32.1
max	9	10	9	16	9	8	10	9	7	10	10	10	64	51
min	0	1	0	0	0	0	0	0	0	0	1	1	28	19
<b>Extreme</b>														
mean	9.1	8.6	8	5.5	3.2	3.3	4.5	4	3.9	4.9	7	6.5	68.6	49.9
max	18	22	19	13	11	11	17	12	12	15	17	13	98	73
min	1	0	1	0	0	0	0	0	0	0	1	1	37	22

