

Station Name: Kaikohe Raws (KOE)

Period: 1994-11-30 - 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	21.8	22.1	20.7	18.7	16.5	14.4	13.6	13.7	14.9	16.2	18	20.1	17.6	19.7
median	22	22	21	18.9	16.3	14.3	13.8	13.8	15	16	18	20	17.1	20
max	27	28.2	27.3	25.1	24.5	23	19.4	19.6	20.9	22.6	27	27	28.2	28.2
min	13	14	14	12	7.5	7	6.4	6.7	8.2	10	10	11	6.4	10
Relative Humidity, %														
mean	65.5	67.7	69.6	73.5	77.7	80.8	79.2	76.6	72.6	70.3	68.2	68.5	72.5	69
median	63	65	68	72	77	81	79	76	71	68	66	65	71	67
max	100	100	100	100	100	100	100	100	100	100	100	100	100	100
min	36	32	35	45	48	49	38.1	43.5	35	36	30	38	30	30
Wind Speed, km/h														
mean	14.6	13.8	14.2	14.1	14.7	14.6	14.8	15.8	17.5	18.4	17.6	15.8	15.5	15.5
median	13	13	13	13	14	13.6	13.5	15	17	18.4	17	16.3	15	14.8
max	44	43	39	38.9	44	43	46	46.4	50	48	50	43	50	50
min	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24-hr Rainfall, millimeters														
mean	3.4	4	3.9	4.4	4.6	5.9	6.7	4.8	4.2	3	3	3.7	4.3	3.6
median	0	0	0.2	0.4	0.6	0.8	1.4	1	0.4	0.2	0	0	0.2	0.2
max	199	158	164.2	105.6	113.2	107	192.8	87	84	86.6	109.6	106.4	199	199
min	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Monthly Rainfall, millimetres														
mean	104.2	111.8	124.9	134	146.5	171.6	207.6	148.9	124.8	93.3	91.4	118.6	131.5	111.2
max	370.8	247.4	303.6	318.6	275.6	349.2	599.8	266.6	302.4	198.6	363.6	247	599.8	370.8
min	12.6	5.4	4.6	13.2	26.7	20	45.4	47.4	43.8	31.2	11.2	14.8	4.6	4.6
Seasonal Rainfall, millimetres														
mean													1577.7	771.5
max													2206.6	1127.2
min													1037.8	312.6
Fine Fuel Moisture Code, FFMC														
mean	75.5	74	72.7	67.8	61.2	54.9	53.3	57.6	63.7	69.3	72.5	71.5	66.2	71.9
median	84.5	83.1	81.4	75.7	68.3	60.1	55.4	61.6	70.4	76.7	80.1	81.6	74.8	80.9
max	90.3	90.3	88.5	88	85.8	86.1	87.8	86.9	88.5	87	90	90	90.3	90.3
min	0.3	3.3	0.1	1.3	0	0.7	0.2	1	0.4	5.7	5.3	0	0	0
Duff Moisture Code, DMC														
mean	21.8	21	14.6	9.5	3.9	1.3	1	1.7	3.7	6.5	11	14.3	9.2	14.1
median	17.9	15.5	11	5.8	2.3	0.8	0.5	1	2.7	5.5	9.5	12.3	4.8	10.2
max	83.9	109.4	111.1	51.5	47.9	10.6	11.3	19.4	20.1	25.9	41.6	54.8	111.1	111.1
min	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Drought Code, DC														
mean	177	205.1	187.9	148.3	81.4	27.7	10.9	9.6	14	31.8	77.7	132.2	92.4	137.4
median	153.7	200.9	159.9	120	29	10.6	6.3	7	9	29.3	74.7	127.5	41.8	110.1
max	649.5	597.2	603.1	567.9	490.7	308.3	148.7	58	80.2	98.8	221	418.7	649.5	649.5
min	6.6	5.7	4.4	3.4	1.5	1	0.9	0.9	1.2	2.9	4.2	6.3	0.9	2.9
Initial Spread Index, ISI														
mean	3.8	3.2	2.9	2.1	1.5	1	0.9	1.2	2	2.6	3.2	3.2	2.3	3
median	3.8	3.1	2.6	1.8	1.2	0.7	0.6	0.9	1.6	2.3	2.8	2.8	1.7	2.6
max	17.4	18	16	11.9	9.6	9.9	8.7	12.6	11.3	15.7	21.4	19.5	21.4	21.4
min	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Buildup Index, BUI														
mean	32.1	31.9	23.1	15.4	6.3	2	1.4	2.2	4.3	8.3	15.6	21.7	13.7	21.2
median	27	25.4	18.2	9.5	3.5	1.3	0.8	1.5	3.1	7.4	14.1	19.3	7	15.5
max	126.8	150.1	152.1	80.9	77	19.6	12.8	20.7	24.7	28.1	53	82.6	152.1	152.1
min	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Fire Weather Index, FWI														
mean	8.1	6.9	5.2	3	1.3	0.4	0.4	0.6	1.4	2.5	4.5	5.6	3.3	5.1
median	7.3	5.5	3.7	1.1	0.4	0.2	0.2	0.3	0.6	1.5	3.4	4.4	0.8	3.5
max	37.9	31.7	27.9	28.4	14.4	9.9	7.3	7.9	11.9	15.7	29.8	37.4	37.9	37.9
min	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Daily Severity Rating, DSR														
mean	1.7	1.3	0.8	0.4	0.1	0	0	0	0.1	0.2	0.6	0.9	0.5	0.9
median	0.9	0.6	0.3	0	0	0	0	0	0	0.1	0.2	0.4	0	0.2
max	16.9	12.3	9.8	10.1	3.1	1.6	0.9	1.1	2.2	3.6	11.1	16.5	16.9	16.9
min	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Monthly Severity Rating, MSR														
mean	51.2	36.7	26.2	12.4	3.2	0.6	0.5	0.9	3.1	7.7	19.4	27.5	15.8	25.9
max	186.1	189.9	107.7	87.5	15.3	5	2.3	4.6	8.8	15.4	59.2	85.3	189.9	189.9
min	3.4	5.4	3.8	0.4	0.1	0	0	0.1	0.3	0.4	2	3.1	0	0.4
Cumulative Daily Severity Rating, CDSR														
mean													189.4	183
max													441.5	475.1
min													70.9	64.2

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Forest Fire Danger Class (FFDC) Frequency														
Low														
mean	12.4	13	18.2	23	29.8	29.9	31	30.8	29.3	27.5	19.3	16.9	281.1	129
max	29	27	31	30	31	30	31	31	30	31	30	31	328	167
min	0	0	0	1	22	28	31	27	23	22	9	5	230	69
Moderate														
mean	14.3	12.5	11.2	6.4	1.2	0.1	0	0.2	0.7	3.5	10.2	12.8	73.1	72.1
max	23	19	26	20	9	2	0	4	7	9	20	23	110	98
min	2	2	0	0	0	0	0	0	0	0	0	0	36	41
High														
mean	3.8	2.4	1.5	0.5	0	0	0	0	0	0	0.5	1	9.8	10
max	19	21	17	7	0	0	0	0	0	0	4	6	46	41
min	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Very High														
mean	0.3	0.3	0.1	0.1	0	0	0	0	0	0	0.1	0.2	1.1	1
max	5	5	1	2	0	0	0	0	0	0	1	3	7	9
min	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Extreme														
mean	0.2	0	0	0	0	0	0	0	0	0	0	0	0.2	0.2
max	3	1	0	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
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	3.9	3.9	4.8	7.1	11.7	14.5	16.3	13.2	8.6	5.5	4	5.6	99.2	34.6
max	11	10	10	14	21	25	23	23	18	12	15	12	124	48
min	0	0	0	1	1	5	10	6	0	0	0	0	79	21
Moderate														
mean	15.1	14.9	22.2	22.3	19.2	15.4	14.6	17.7	21	24.2	23.1	19.5	229.3	141.4
max	23	25	28	27	30	24	21	25	29	28	28	25	260	156
min	3	3	17	16	10	5	8	8	12	19	15	15	197	121
High														
mean	11.6	9	4	0.6	0.1	0.1	0	0.1	0.3	1.3	2.7	5.8	35.5	35
max	26	26	12	3	1	2	1	2	2	4	12	12	67	63
min	0	0	0	0	0	0	0	0	0	0	0	1	13	13
Very High														
mean	0.4	0.4	0	0	0	0	0	0	0	0	0.2	0.1	1.2	1.2
max	3	4	1	0	0	0	0	0	0	0	2	1	4	5
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	2	0	0	0	0	0	0	0	0	0	0	2	2
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	5.2	5.3	6.3	8.2	12.7	14.8	17.5	15.2	10.9	7.8	5.8	7.1	116.8	45.3
max	13	13	12	16	22	28	24	27	18	16	18	14	148	62
min	0	0	0	1	2	5	9	8	3	3	1	0	88	26
Moderate														
mean	0	0	0	0	0	0	0	0	0	0	0	0	0	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	1.7	2	2.8	3.4	3.8	5.1	5.3	4.2	2.5	2.2	2.5	1.7	37.1	16.3
max	4	6	6	8	9	11	10	10	7	8	10	5	57	26
min	0	0	1	0	0	2	0	0	0	0	0	0	24	6
Very High														
mean	3.1	3.1	3.8	5.3	5.5	6	4.3	5.7	4.8	4.3	3.8	3.7	53.3	27
max	8	7	7	9	10	10	8	10	10	8	7	7	70	37
min	0	0	0	2	1	0	2	2	2	2	0	1	33	16
Extreme														
mean	7.4	9.4	10.8	9.8	7.5	3.6	3.4	5	8.7	10.7	9.9	9.7	96	68.2
max	15	15	19	18	15	9	11	11	15	15	17	15	124	96
min	2	2	6	2	0	0	0	1	3	2	6	5	78	53

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Very Extreme														
mean	13.6	8.5	7.3	3.2	1.5	0.4	0.5	1	3.1	5.9	8	8.9	61.9	55.5
max	27	25	18	10	4	5	4	4	9	11	18	17	95	92
min	2	0	1	0	0	0	0	0	0	0	0	1	34	28