

Station Name: Opouteke Raws (OPO)

Period: 1995-10-13 - 2021-07-01

Length of record: 25 years

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR	FIRE SEASON
Temperature, degrees Celsius														
mean	22.8	23.4	21.9	19.6	17.2	14.7	13.9	14.3	15.9	17.2	19	21.3	18.4	20.7
median	23.1	23.3	21.9	19.6	17.1	14.6	13.9	14.3	15.8	17.1	18.9	21.2	18.2	20.8
max	31.8	31.2	29.5	28.5	25.7	21.1	19.9	21.6	23.9	24.7	27.6	30.5	31.8	31.8
min	7.6	15.1	14.3	11.7	8.4	5	7	6.3	8	9.2	11.7	8.7	5	7.6
Relative Humidity, %														
mean	63.1	64.5	66.3	70.9	77.5	82.7	81.3	76.2	69.7	66.3	64.1	64.6	70.6	65.7
median	60	62	64.2	70	77	84	82	75.1	68.1	65	62.7	62	69	64
max	100	100	100	100	100	100	100	100	100	100	100	100	100	100
min	28	31	29	33	34	48	44	33	30	28	27	24	24	24
Wind Speed, km/h														
mean	9	8.4	8.3	8	7.2	7.2	7.4	8.6	9.1	10	10.2	9.5	8.6	9.1
median	8.5	7.6	7.6	7	6.4	6.1	6.1	7.3	8.3	9.7	9.7	9.3	7.9	8.5
max	27.7	34.7	27	38.4	23.6	31	31.7	47	33.8	35.3	31.9	28.4	47	38.4
min	0.8	0	0.9	0.1	0.1	0	0	0	0	0	0	0	0	0
24-hr Rainfall, millimeters														
mean	3.1	3.7	3.5	4	5.4	6.9	7.3	6	5.4	3.9	3.2	3.6	4.7	3.6
median	0	0	0.2	0.4	1.2	2	2.4	2.2	1	0.4	0.2	0.2	0.4	0.2
max	144.8	112.4	142.6	88.6	81	93.2	98.8	87.4	98.4	63.8	56.6	92.6	144.8	144.8
min	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Monthly Rainfall, millimetres														
mean	97.1	102	109.8	118.7	168.9	204.9	228.1	186.3	163	120	95.8	109.7	142	107.6
max	319.2	300.2	365.2	315	355.8	374	542	339.6	312.6	277.8	294.2	266	542	365.2
min	14.2	16.4	14	49.2	34.8	95.8	103.6	80.8	52	37.4	22.2	15	14	14
Seasonal Rainfall, millimetres														
mean													1704.4	758.9
max													2143.1	1273.4
min													1251	443.2
Fine Fuel Moisture Code, FFMC														
mean	73.8	73.5	72.2	65.6	52.6	42	41.3	47.8	59	66.1	70.8	71.6	61.4	70.5
median	84.6	83.4	81.6	72.9	55.4	39.4	39.4	47.4	63.5	73.1	78.8	81.4	69.4	80.1
max	92.6	92.3	91.9	90.7	87.6	85.7	85.3	90.1	89.9	90.3	92	93.2	93.2	93.2
min	0.1	0.7	0.2	0	1.5	0	0	0	0.9	1.5	1.8	1.6	0	0
Duff Moisture Code, DMC														
mean	22.6	24.1	17.1	8.9	3.2	0.7	0.6	1.2	3.5	7.2	11.6	16.5	9.8	15.4
median	19.5	18.4	13.1	6.2	1.6	0.2	0.2	0.6	2.6	5.6	10.4	13.3	4.7	11
max	84.6	117.2	113.9	42.5	29.3	8.6	6.3	15.9	17.4	34.2	45.2	70.7	117.2	117.2
min	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Drought Code, DC														
mean	184.7	215.5	202.6	170.9	90.1	15.7	6.4	6.8	12	28.7	69.4	127.2	94.5	142.2
median	168.2	204.6	188.7	157.8	48.9	6.5	4.6	4.8	7.5	21.7	65.7	118.2	41.9	114.4
max	415	614.4	570.2	504.3	386.2	198.1	35.7	32.2	72.7	124.4	215.7	345.5	614.4	614.4
min	6.5	5.7	4.4	3.2	1.2	0.6	1.1	0.8	1.1	2.6	4.8	6.2	0.6	2.6
Initial Spread Index, ISI														
mean	3.1	2.8	2.4	1.6	0.8	0.4	0.4	0.6	1.1	1.7	2.2	2.6	1.6	2.3
median	3.2	2.5	2	1	0.4	0	0	0.2	0.8	1.2	1.8	2.1	0.9	1.8
max	13.5	11.9	9.3	9.8	6.3	4.7	3.6	5.7	6.2	7.6	11.4	12.1	13.5	13.5
min	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Buildup Index, BUI														
mean	32.8	35.6	26.4	14.7	5.2	1.1	0.9	1.5	3.9	8.6	15.8	23.8	14.2	22.4
median	29.4	28.7	21.5	10.7	2.6	0.4	0.4	0.9	2.8	6.8	14.5	19.7	6.7	16.7
max	110.2	155.5	143.3	64.7	44.6	15	7.7	15.8	17.8	34.1	53.4	91.2	155.5	155.5
min	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Fire Weather Index, FWI														
mean	7.2	6.8	4.9	2.3	0.7	0.2	0.1	0.3	0.7	1.8	3.3	5	2.8	4.5
median	6.3	5.2	3.2	0.6	0.1	0	0	0.1	0.3	0.6	1.9	3.5	0.5	2.2
max	30.2	34.6	28.8	18.1	11	4.4	3.3	7.3	6.7	14.4	18.4	31.1	34.6	34.6
min	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Daily Severity Rating, DSR														
mean	1.4	1.4	0.8	0.3	0.1	0	0	0	0	0.2	0.4	0.9	0.5	0.8
median	0.7	0.5	0.2	0	0	0	0	0	0	0	0.1	0.3	0	0.1
max	11.3	14.4	10.4	4.6	1.9	0.4	0.2	0.9	0.8	3	4.7	11.9	14.4	14.4
min	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Monthly Severity Rating, MSR														
mean	43.3	38	26	8.4	1.7	0.1	0.1	0.4	1.1	5.2	12.2	27.4	13.7	22.9
max	181	179.2	150.6	24.4	13.8	1.2	0.7	3.7	3	19.1	30.4	99.3	181	181
min	4.3	3	1.4	0	0	0	0	0	0.1	0.1	0.8	0.6	0	0
Cumulative Daily Severity Rating, CDSR														
mean													163.8	161.5
max													429	446.7
min													35.7	15.7

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR	FIRE SEASON
Forest Fire Danger Class (FFDC) Frequency														
Low														
mean	13.6	13.4	18.8	24.3	29.9	30	31	30.9	29.9	27.4	21.6	17.8	288.6	137.2
max	29	27	31	30	31	30	31	31	30	31	30	31	342	201
min	2	1	3	15	21	30	31	29	28	15	12	4	242	96
Moderate														
mean	13.8	11.7	10.2	5.6	1.1	0	0	0.1	0.1	3.6	8.2	11.1	65.5	63.8
max	23	21	23	14	10	0	0	2	2	16	18	18	105	95
min	2	2	0	0	0	0	0	0	0	0	0	0	23	11
High														
mean	2.8	2.6	1.8	0.2	0	0	0	0	0	0	0.2	1.8	9.5	9.6
max	9	23	19	2	0	0	0	0	0	0	2	9	41	39
min	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Very High														
mean	0.7	0.4	0.1	0	0	0	0	0	0	0	0	0.3	1.6	1.6
max	13	3	3	0	0	0	0	0	0	0	0	3	16	18
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	0.2	0.2
max	0	3	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 source Northland (Kaipara)														
Curing%	70	80	75	65	50	40	40	40	50	50	60	65		
Low														
mean	5.3	4.6	5.7	9.6	17.5	23.9	24.7	21.2	13.4	9.8	7.2	6.4	149.2	48.4
max	17	13	15	20	29	30	31	29	21	25	21	17	208	92
min	0	0	1	3	4	10	16	12	3	3	1	0	99	26
Moderate														
mean	19.6	15.6	20.6	20.1	13.5	6.1	6.3	9.8	16.6	21.1	22.6	22.6	194.5	141.8
max	27	25	30	25	27	20	15	19	27	28	29	28	251	170
min	10	4	6	10	2	0	0	2	9	6	9	14	152	117
High														
mean	6.1	7.9	4.7	0.4	0	0	0	0	0	0.1	0.3	2	21.4	21.8
max	21	25	20	3	0	0	0	0	0	2	4	11	60	58
min	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Very High														
mean	0	0.2	0	0	0	0	0	0	0	0	0	0	0.2	0.2
max	0	4	0	0	0	0	0	0	0	0	0	0	4	4
min	0	0	0	0	0	0	0	0	0	0	0	0	0	0
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
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	6.1	5.6	6.8	9.9	17.2	22.7	23.8	20.1	13.6	10.2	6.8	6.8	149.5	52.1
max	17	15	15	19	29	30	31	28	21	23	21	18	214	95
min	1	1	1	4	5	11	17	9	3	3	1	0	101	30
Moderate														
mean	0	0	0	0.1	0	0	0	0	0	0	0	0	0.3	0.2
max	0	0	1	1	0	0	0	0	1	1	1	1	2	2
min	0	0	0	0	0	0	0	0	0	0	0	0	0	0
High														
mean	3.3	3.8	5.2	7	6.6	5.1	5	5.9	6.7	5.6	4.8	4.4	63.4	34.1
max	7	11	11	11	16	12	9	15	11	11	9	10	86	49
min	1	0	0	3	2	0	0	1	3	1	1	1	47	20
Very High														
mean	3	2.7	4	4.6	3.8	1	1.5	3	4.2	5	5.1	4.3	42.2	28.8
max	11	7	10	9	9	4	7	8	9	11	8	8	58	46
min	0	1	0	1	0	0	0	0	1	1	1	1	30	19
Extreme														
mean	7.8	8.8	9.6	6	3.2	1.1	0.7	1.8	4.7	7.3	8.5	8.7	68.4	56.6
max	16	17	19	12	14	10	5	8	10	17	14	16	108	90
min	2	1	2	0	0	0	0	0	0	1	4	1	41	32

