

Station Name: Auckland Aero (AKL)

Period: 1967-01-01 - 2021-07-01

Length of record: 54 years

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR	FIRE SEASON
<b>Temperature, degrees Celsius</b>														
mean	22.1	22.4	21.2	18.7	16	13.7	12.9	13.7	15	16.5	18.3	20.4	17.6	19.9
median	22	22.6	21.1	18.8	16	14	13	13.8	15	16.5	18	20.3	17.3	20
max	28	28	28	24.7	22.3	20.6	20	25	21	23	24.5	26.8	28	28
min	14	14	12.1	11.3	8.5	7	5.7	3	6.6	7.9	11	13	3	7.9
<b>Relative Humidity, %</b>														
mean	65.4	65.2	67	71.5	76.6	79.1	78.3	75.4	72.6	71.1	68.5	67.5	71.5	68
median	64.6	64	66	71	76	79	77.6	75	72	70	68	66	71	67
max	100	100	100	100	100	100	100	100	100	100	100	100	100	100
min	33	34.7	19	38.6	38.7	46	28	21	30	33.5	31.8	36	19	19
<b>Wind Speed, km/h</b>														
mean	21.5	20.1	19.8	19.4	18.7	18	18.4	20.8	23	24.7	23.9	22.7	20.9	21.7
median	20.4	18.6	18.5	18.5	18.5	18.5	18.5	20.4	22.2	24.1	24	22.2	20.4	20.4
max	57.4	61.1	74.1	64.8	66.7	74.1	66.7	64.8	65	63	63	55.6	74.1	74.1
min	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>24-hr Rainfall, millimeters</b>														
mean	2.1	2.4	2.5	3	3.5	3.8	4.1	3.6	3.2	2.7	2.4	2.7	3	2.5
median	0	0	0	0	0.3	0.5	0.7	0.6	0.4	0.1	0	0	0	0
max	75.7	161.8	76.6	78.4	112.7	88.8	97	80.3	54	86.6	69.3	141.6	161.8	161.8
min	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Monthly Rainfall, millimetres</b>														
mean	64.7	67.1	77	89.5	108	115.1	128.5	112.9	95.6	82.5	73	83.6	91.5	76.8
max	206.1	291.6	260.8	220.3	237.8	209	308.4	221.1	210.4	180.4	219.1	206	308.4	291.6
min	4.1	8.8	7.6	12.7	23	47	26.4	36.6	38	23	10.3	12.8	4.1	4.1
<b>Seasonal Rainfall, millimetres</b>														
mean													1097.6	532.1
max													1486.9	773.2
min													793.8	256.4
<b>Fine Fuel Moisture Code, FFMC</b>														
mean	79.5	79.4	77.8	73.1	66.3	59.7	59.4	62.8	68.1	72.2	75.3	76.6	70.8	76.3
median	84.6	84.9	83.8	80.1	72.9	63.4	62.5	66.8	73.9	78.1	81.6	83.1	78.2	82.6
max	90.6	90.3	92.9	88.9	87	84.7	85.7	93.6	88.1	88.5	90.1	89.2	93.6	92.9
min	0	3.3	1.4	10.3	3.7	0.7	0	6.4	3.1	8.3	1.4	0.3	0	0
<b>Duff Moisture Code, DMC</b>														
mean	22.6	28.2	20.7	11.2	4.2	1.3	1.1	1.9	4	6.8	12	15.9	10.8	16.7
median	18.9	23.7	16.4	8.4	2.9	0.9	0.7	1.4	3	5.5	10.2	13.6	5.8	12.5
max	92.3	116.9	97.6	90.7	32.6	12.4	9.7	15.5	23.1	31.5	46.8	75.2	116.9	116.9
min	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Drought Code, DC</b>														
mean	245.7	319.7	310.8	256.8	156.8	68.3	19.6	11.4	16.3	39.3	92.9	160.1	141.3	203.2
median	245.2	328.6	300.3	237.2	141.8	39	8.9	7.9	11.9	34.4	86.6	160.6	88	172.1
max	537.7	668	724.1	746.7	617.8	380.7	157.6	79.7	69.4	149.6	258.5	429.1	746.7	746.7
min	7.3	5.6	5.4	3.4	1.2	1.1	1	1.1	1.1	2.6	4.7	6.2	1	2.6
<b>Initial Spread Index, ISI</b>														
mean	5.8	5.6	4.8	3.5	2.3	1.6	1.6	2.1	3	3.9	4.8	5	3.6	4.8
median	5	4.9	4	2.6	1.6	1	1	1.4	2.3	3.2	4.1	4.3	2.7	4
max	33.4	32.7	22.8	28.7	15	12.8	19.8	24	24.5	23.7	27.4	27.2	33.4	33.4
min	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Buildup Index, BUI</b>														
mean	35.7	44.6	34.3	19.3	7.4	2.3	1.7	2.6	4.8	9	17.4	24.6	16.9	26.3
median	30.8	39.4	28.3	15	5.2	1.6	1.1	1.9	3.6	7.6	15.5	22	9.1	20
max	119.8	162.2	144	139	47.6	22.1	11.8	15.5	24	39.4	61.8	101.7	162.2	162.2
min	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Fire Weather Index, FWI</b>														
mean	11.8	12.8	9.8	5.3	2.1	0.8	0.7	1.2	2.2	3.9	6.8	8.6	5.5	8.4
median	10.5	11.6	8	3.6	0.7	0.3	0.3	0.4	0.9	3	5.7	7.4	2.6	6.5
max	60.4	77.9	51.1	39.6	22.7	10.9	16.9	18.1	23.5	30.7	38.1	51.3	77.9	77.9
min	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Daily Severity Rating, DSR</b>														
mean	3	3.4	2.3	0.9	0.2	0.1	0.1	0.1	0.2	0.5	1.2	1.8	1.1	1.9
median	1.7	2.1	1.1	0.3	0	0	0	0	0	0.2	0.6	0.9	0.1	0.7
max	38.6	60.7	28.7	18.3	6.8	1.9	4	4.6	7.3	11.7	17.1	29	60.7	60.7
min	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Monthly Severity Rating, MSR</b>														
mean	92.9	94.9	69.7	27.3	6.8	1.5	1.6	3	6.7	15.7	36.6	54.8	34.3	56
max	403.1	360	322.4	86.5	21.4	4.6	19.4	12.9	39.1	56	110.5	200.9	403.1	403.1
min	17.9	9.7	11.3	2.9	0.1	0.1	0	0.3	0.7	1.6	4.2	7.5	0	1.6
<b>Cumulative Daily Severity Rating, CDSR</b>														
mean													411.5	396.4
max													1036.7	918.1
min													105.5	99.4

	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	7.8	6.7	10.5	18.1	28	29.9	30.8	30.6	28.4	24.6	14.6	11.6	241.7	93.6
max	23	23	25	30	31	30	31	31	30	31	30	29	309	153
min	0	0	0	1	17	27	25	25	17	8	1	0	183	53
<b>Moderate</b>														
mean	15.1	12.4	14.6	10.5	2.9	0.1	0.2	0.4	1.6	6.2	13.7	15.4	93.3	87.8
max	26	24	27	23	13	3	6	6	13	21	28	24	124	112
min	4	2	1	0	0	0	0	0	0	0	0	2	55	59
<b>High</b>														
mean	5.5	6.1	4.2	1.2	0	0	0	0	0	0.2	1.5	3.3	22	22.5
max	16	14	15	6	1	0	0	0	0	3	7	12	46	45
min	0	0	0	0	0	0	0	0	0	0	0	0	0	1
<b>Very High</b>														
mean	1.3	2	1.1	0.1	0	0	0	0	0	0	0.1	0.4	5.1	5.2
max	8	9	7	4	0	0	0	0	0	0	2	5	19	19
min	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Extreme</b>														
mean	1	0.9	0.6	0.1	0	0	0	0	0	0	0.1	0.2	2.8	2.8
max	10	11	8	2	0	0	0	0	0	0	2	4	16	15
min	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Very Extreme</b>														
mean	0.2	0.1	0.1	0	0	0	0	0	0	0	0	0	0.4	0.4
max	5	4	2	0	0	0	0	0	0	0	0	1	6	6
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</b> Auckland (Mainland)														
<b>Curing%</b>	75	80	80	60	40	40	30	40	45	50	65	70		
<b>Low</b>														
mean	1.5	1.4	1.8	4.1	7.8	11.8	14	9.5	5.4	3.2	2.3	2.1	65	16.4
max	7	6	7	9	18	21	25	22	12	10	6	9	95	31
min	0	0	0	0	2	5	7	2	0	0	0	0	41	8
<b>Moderate</b>														
mean	12	9.7	13.6	23.8	22.2	17.8	16.6	20.5	22.5	23.8	19.9	16.6	219	119
max	22	20	22	29	28	25	24	27	29	29	27	24	253	148
min	2	1	5	16	11	9	5	9	16	14	9	7	188	86
<b>High</b>														
mean	14.5	13.9	13	2.2	1	0.4	0.4	0.9	2	3.9	7.5	11.3	70.9	66.6
max	26	23	21	9	4	2	6	5	8	14	16	20	93	90
min	7	5	4	0	0	0	0	0	0	0	0	4	30	33
<b>Very High</b>														
mean	2.5	2.8	2.1	0	0	0	0	0	0.1	0.1	0.4	1	9	9
max	11	8	6	1	0	0	0	1	3	1	3	6	23	23
min	0	0	0	0	0	0	0	0	0	0	0	0	0	2
<b>Extreme</b>														
mean	0.4	0.4	0.4	0	0	0	0	0	0	0	0	0.1	1.3	1.3
max	4	5	3	0	0	0	0	0	0	0	0	1	9	9
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	2.8	2.6	3.3	5.4	9.7	13.4	14.1	12	8.4	5.8	4.2	3.8	85.3	27.7
max	9	11	8	14	21	24	27	23	17	13	10	11	121	42
min	0	0	0	1	2	8	4	4	2	0	0	0	56	13
<b>Moderate</b>														
mean	0	0	0	0	0	0	0.1	0	0	0	0	0	0.2	0
max	0	0	0	1	0	0	2	1	0	0	0	1	2	1
min	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>High</b>														
mean	0.6	0.8	1.2	2.2	4.1	5	5.1	3.6	1.9	1.4	1.1	0.9	28	8.2
max	3	5	7	9	10	12	11	8	5	7	4	4	60	28
min	0	0	0	0	0	0	0	0	0	0	0	0	16	4
<b>Very High</b>														
mean	2.2	1.7	2.5	3.7	5.2	4.2	4.2	4.6	3.9	2.9	2.4	2.1	39.6	17.4
max	7	7	7	9	11	10	8	10	9	8	7	5	50	30
min	0	0	0	0	1	0	0	0	1	0	0	0	22	8
<b>Extreme</b>														
mean	6.9	6.8	9.4	10	7.3	4.8	5.1	6.8	9.1	9.6	7.7	8.4	91.9	58.6
max	16	15	15	18	15	11	11	14	18	18	15	15	120	85
min	1	1	4	2	2	0	0	2	3	4	1	4	65	33

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR	FIRE SEASON
<b>Very Extreme</b>														
mean	18.5	16.4	14.6	8.6	4.7	2.6	2.4	3.9	6.7	11.3	14.5	15.8	120.2	100.2
max	29	27	26	17	12	7	10	11	20	19	23	27	162	142
min	8	5	5	1	0	0	0	0	0	2	5	6	56	50