

Station Name: Hicks Bay (HIX)

Period: 1994-09-18 - 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	21.5	20.5	18.8	16.4	14.1	13.4	13.7	14.9	16.1	17.4	19.3	17.3	19.2
median	21	22	20.8	19	16.8	14.3	13.7	14	15	16	17.1	19.2	17	19
max	27.8	30.4	25.5	23.7	22.5	19	18.5	18	20	22	25	24	30.4	30.4
min	12	15.7	12	10.6	3.9	5.8	4.7	5.1	8.1	9	10	11	3.9	9
Relative Humidity, %														
mean	72.7	71.9	71.6	71.2	71.6	72	72.3	71.7	73.6	74	73.9	75.9	72.7	73
median	73	71	71	70	70	70	71	70	73	74	74	76	72	73
max	100	100	100	100	100	100	100	100	100	100	100	100	100	100
min	22	29	37	30	19	42	35	36	43	41	33	28	19	22
Wind Speed, km/h														
mean	26.9	26.1	25.7	24.6	25.1	24.8	25.7	25.5	29.7	30.4	29.5	26.9	26.7	27.2
median	26	26	24.1	24	26	24	24.1	24.1	30	30	29.7	26	26	26
max	80	74.1	92.7	80	73.7	82	72.3	75	67	82	70	72.3	92.7	92.7
min	4	2	0	0	0	0	0	0.1	1.8	2	3.7	0	0	0
24-hr Rainfall, millimeters														
mean	2.4	3.2	3.8	3.5	4.3	5.4	5.7	4.9	3.8	3.2	2.6	3.1	3.8	3.1
median	0	0	0	0	0	0.2	0.4	0.4	0.2	0	0	0	0	0
max	86	132.6	137.2	85.6	108.8	90.6	111.6	109.8	60	83	55.6	89.2	137.2	137.2
min	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Monthly Rainfall, millimetres														
mean	76	92.4	121.3	107.8	132.8	160.6	178.3	151.5	112.9	96.7	79.8	98.9	117.4	96.1
max	191	353.4	420.4	269.8	447.6	301.4	287.2	344.8	215.6	201.4	185	307	447.6	420.4
min	6.6	11.2	21.6	23.2	21	93.2	48.2	68.8	32.2	21.6	14.2	9.4	6.6	6.6
Seasonal Rainfall, millimetres														
mean													1408.9	664.9
max													2072	1051.8
min													1024.2	374.4
Fine Fuel Moisture Code, FFMC														
mean	75.9	75.5	74.2	72.7	69.8	64.8	63.4	64.2	67.5	70.4	72.9	71.5	70.3	73.3
median	83	83.3	82.6	81.4	78.7	72.4	70.6	72.1	76.5	77.7	80.4	80.6	79.6	81.4
max	91.6	92.8	89.6	88.3	90	87.5	87.3	88	86.8	87.9	90.3	89	92.8	92.8
min	0.4	3.1	1.8	7.7	2.7	1.2	0.3	0.5	4.8	6	6	0.3	0.3	0.3
Duff Moisture Code, DMC														
mean	16.8	21.5	13.9	9.5	6.7	2.8	2.1	2.5	4.5	6	9.1	11	8.9	12.5
median	13.9	15.9	11.5	7.8	5	2	1.3	2	3.6	4.9	8.1	9.7	5.8	9.5
max	69.3	97.6	65.7	36.8	34.5	19.2	15.1	11.1	18.3	22.7	31.8	46	97.6	97.6
min	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Drought Code, DC														
mean	207.1	258.3	205.8	156.5	90.6	32.2	9.6	10.8	15.3	31.1	77.2	134.3	102.3	151.9
median	203.8	238	183.1	129.8	51	11.4	6.5	7.6	11.4	24.5	71.2	134.8	49	120.2
max	473.8	637.3	698.6	592.4	359.1	319.5	64.1	52.7	74.8	153	215.6	295.3	698.6	698.6
min	7.3	5.9	4.6	3.4	0.4	1	0.6	0.9	1.2	2.9	4.9	6.2	0.4	2.9
Initial Spread Index, ISI														
mean	6.6	6.4	5.6	4.8	4.2	3.3	3	3.3	4.6	5	5.7	5	4.8	5.6
median	5.3	5.3	4.7	3.8	3.2	2.2	2.1	2.3	3.4	3.8	4.2	4	3.6	4.4
max	36.4	28.9	33.7	23.2	22.5	25.1	21.4	20.4	20.8	22.9	26.4	23.2	36.4	36.4
min	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Buildup Index, BUI														
mean	27.1	34.1	22.7	15.4	10.2	4.1	2.6	3	5.1	7.7	13.4	17.5	13.6	19.6
median	23.2	26.2	18.8	13	7.6	2.8	1.7	2.3	4.1	6.4	12.1	15.8	8.2	14.9
max	95.8	132.7	104.3	63.7	45.2	33.4	18.4	13.2	21.8	26.4	43	65.1	132.7	132.7
min	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Fire Weather Index, FWI														
mean	11.3	12.3	8.9	6.3	4.6	2.4	1.8	2.1	3.7	4.7	6.9	7.1	6	8.2
median	9.3	9.9	7.3	4.7	2.6	0.8	0.6	0.8	2.2	3.3	5.4	5.8	3.6	6.2
max	62.6	61	60.8	32.9	27.6	26.1	15.3	18	23.5	26	33.5	38	62.6	62.6
min	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Daily Severity Rating, DSR														
mean	2.9	3.5	2.1	1.2	0.7	0.3	0.2	0.2	0.5	0.7	1.3	1.4	1.2	1.8
median	1.4	1.6	0.9	0.4	0.2	0	0	0	0.1	0.2	0.5	0.6	0.3	0.7
max	41.1	39.3	39.1	13.2	9.6	8.7	3.4	4.6	7.3	8.7	13.6	17	41.1	41.1
min	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Monthly Severity Rating, MSR														
mean	87.8	94	63.9	33.3	22.4	9	5.1	6.6	15.2	22.1	38.1	39.7	36.4	54.1
max	218.1	330.9	239.4	80	73	26.3	17.3	17.2	58.6	65.8	119.3	144.7	330.9	330.9
min	16.6	14.8	11.4	7.5	1.2	0.7	0.8	0.5	2.7	3.2	6.7	6.1	0.5	3.2
Cumulative Daily Severity Rating, CDSR														
mean													437.2	390.2
max													938.8	781.5
min													198.2	176.3

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Forest Fire Danger Class (FFDC) Frequency														
Low														
mean	10.5	9.4	13.2	17.7	22.6	27.9	30.6	30.4	26.4	23.7	17	15.9	245.3	105.8
max	22	25	28	30	31	30	31	31	30	31	30	30	310	150
min	0	1	3	5	6	18	25	27	12	10	6	1	161	51
Moderate														
mean	13.5	11.4	13.7	10.8	7.7	2	0.4	0.6	3.6	7.3	11.8	13.3	96.1	82.4
max	18	20	21	21	19	12	6	4	18	21	20	23	149	112
min	7	2	3	0	0	0	0	0	0	0	0	1	46	59
High														
mean	4.7	4.4	2.8	1.2	0.8	0.1	0	0	0	0.1	1.1	1.7	16.8	16.6
max	16	12	10	5	9	2	0	0	0	2	7	11	34	30
min	0	0	0	0	0	0	0	0	0	0	0	0	2	4
Very High														
mean	1.5	1.6	0.8	0.2	0	0	0	0	0	0	0.1	0.1	4.3	4.5
max	7	7	5	2	0	0	0	0	0	0	2	2	16	16
min	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Extreme														
mean	0.7	1.1	0.2	0	0	0	0	0	0	0	0	0.1	2.1	2.4
max	5	5	4	1	0	0	0	0	0	0	0	2	13	13
min	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Very Extreme														
mean	0	0.3	0.2	0	0	0	0	0	0	0	0	0	0.6	0.6
max	1	5	4	0	0	0	0	0	0	0	0	0	6	6
min	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Grass Fire Danger Class (GFDC) Frequency														
Curing source Eastern (Tairawhiti (Gisborne))														
Curing%	70	75	80	75	70	60	50	65	70	75	85	85		
Low														
mean	2.8	2.7	3.4	3.5	4.6	8.1	8.2	7.4	5.5	3.3	2.8	4	56.3	22.2
max	10	12	8	9	12	16	16	18	12	10	6	10	99	36
min	0	0	0	1	0	2	3	2	0	0	0	0	34	9
Moderate														
mean	12.7	9.4	10.7	14.1	17.4	18.9	19.5	18.6	14.4	13.8	10.8	10.2	170.5	80.9
max	21	16	19	18	25	24	25	24	22	22	17	17	191	105
min	5	3	4	8	12	12	12	11	9	5	5	5	150	66
High														
mean	12.2	11.7	12	10	8	3	3.2	4.8	8.5	10.8	10.7	12.1	107	80.1
max	24	16	18	19	19	6	8	11	13	19	18	20	131	98
min	5	2	4	4	1	0	1	0	2	3	7	4	71	63
Very High														
mean	3.1	3.7	3.8	2.1	1	0	0.1	0.2	1.6	2.8	3.7	3.5	25.6	23.1
max	8	7	8	5	4	1	1	2	8	8	10	9	47	36
min	0	0	0	0	0	0	0	0	0	0	0	0	15	13
Extreme														
mean	0.2	0.7	1.1	0.3	0	0	0	0	0	0.2	2	1.3	5.9	6
max	2	4	5	2	0	0	0	0	0	2	9	5	10	12
min	0	0	0	0	0	0	0	0	0	0	0	0	1	2
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	4.4	3.9	4.8	5.7	7.7	10.4	11.3	10.8	8.3	6.7	5.2	6.3	85.5	36.6
max	12	14	9	14	18	18	18	21	16	14	12	16	135	57
min	0	0	1	1	1	5	4	4	1	1	0	0	56	21
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	0	0	0
min	0	0	0	0	0	0	0	0	0	0	0	0	0	0
High														
mean	0.7	0.4	0.7	1	1.5	2	1.8	1.5	0.9	1	0.5	0.8	13	5.1
max	3	2	2	4	5	7	5	4	3	2	2	2	23	10
min	0	0	0	0	0	0	0	0	0	0	0	0	6	1
Very High														
mean	1.3	1.2	2.2	2.4	2.2	2.4	3	2.8	2.4	2.1	2.3	2	26.3	13.4
max	5	3	8	8	8	6	7	8	7	6	6	4	41	26
min	0	0	0	0	0	0	0	0	0	0	0	0	17	8
Extreme														
mean	5.9	5.9	6.8	7.7	8.2	6.3	7.3	7.3	5.7	6.7	7.3	7.8	82.8	47.4
max	11	12	12	13	16	11	15	13	10	11	11	13	98	66
min	1	3	3	4	4	2	3	3	2	2	4	3	65	36

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Very Extreme														
mean	18.7	16.8	16.5	13.2	11.4	8.9	7.6	8.5	12.8	14.4	14.7	14.2	157.7	109.7
max	28	24	23	23	21	19	17	17	23	25	22	24	195	137
min	9	3	6	7	3	2	2	2	6	3	8	5	104	81