

Station Name: Dansey Pass Raws (DNP)

Period: 1994-08-20 - 2021-07-01

Length of record: 26 years

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR	FIRE SEASON
<b>Temperature, degrees Celsius</b>														
mean	19.2	19.1	17	13.3	10.4	7	6.4	8.4	11.2	13.2	15.3	17.8	13.2	16.4
median	19.3	19.2	17.1	13.2	10.2	6.6	6.1	8.4	11.5	13.4	15.2	17.9	12.9	16.4
max	33.6	32.6	30.3	23.8	21.6	19	17.2	17.8	23.4	24.2	27.2	28.6	33.6	33.6
min	3.6	5.1	3.8	0.3	-0.1	-1.1	-7.2	-2.4	0.2	-0.9	2.3	6.3	-7.2	-0.9
<b>Relative Humidity, %</b>														
mean	49.2	50.6	52.6	58.7	63	67.5	65.5	60.9	52	50.5	49	48.8	55.7	51.3
median	47.7	49	51	58	63	68	66	61	49	48	47	47.1	54	50
max	99	97	99	99	99	100	100	100	99	99	97	96	100	99
min	9	9.1	12.6	14.3	17	24.6	23	11.6	9	11	14	12	9	9
<b>Wind Speed, km/h</b>														
mean	15.5	13.1	13.1	11.8	10.8	9.9	10.4	12.1	15.9	17.6	17.3	16.2	13.7	15
median	12	9.5	9	8.1	6.8	6.4	6.5	8.2	13.4	15.3	15.1	14	9.9	11.4
max	56.5	52.7	56.3	47.1	46.3	62.8	68.9	71.9	68.4	51.2	58.8	54.6	71.9	58.8
min	0.1	1.6	0	0	0	0	0	0.4	0.1	0.1	2	1	0	0
<b>24-hr Rainfall, millimeters</b>														
mean	2.1	1.7	1.5	1.5	1.6	1.4	1.3	1.1	1.2	1.6	1.8	2	1.6	1.7
median	0	0	0	0	0	0	0	0	0	0	0	0	0	0
max	105.2	52.6	42	61.4	51.8	33.8	46.8	26	39.2	58.6	53.2	47.6	105.2	105.2
min	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Monthly Rainfall, millimetres</b>														
mean	58.5	49.9	46.6	45.8	48.9	43.2	39.7	33.5	34.8	50.8	54.6	61.8	47.4	52.6
max	151.6	144.8	128.8	117.6	138.8	107.2	147.4	80	74.2	125.8	192	124.6	192	192
min	4.6	3.6	4.4	12.2	8.6	2.2	7.2	4.2	7.4	22.8	4.2	4.6	2.2	3.6
<b>Seasonal Rainfall, millimetres</b>														
mean													568.3	368.7
max													840.6	535.8
min													371.8	215
<b>Fine Fuel Moisture Code, FFMC</b>														
mean	79.7	80	79.5	75.2	69.9	66.9	69.7	72.2	77.5	77.4	78.4	79.1	75.5	78.5
median	86.5	86.6	85.4	82.5	79.9	74.9	77.2	79.8	84.2	83.8	85.2	86	82.8	85.2
max	97.4	96.7	95.6	94.2	91.9	91.4	90.1	93.4	96.4	95.4	95.6	96.4	97.4	97.4
min	6.3	12.3	14.2	4.9	1.8	7.9	0.7	5.7	16.4	19.5	6.1	21	0.7	4.9
<b>Duff Moisture Code, DMC</b>														
mean	29.9	32.3	29.7	23.6	14.1	6.2	4.6	7.1	14.8	17.9	23.3	27.3	19.2	26.2
median	23.4	29.2	23	19	10.3	4.3	3.8	6.1	12.3	16.9	19.9	24.9	14.1	21.7
max	147	123.3	115.2	120.8	72.8	43.8	18.5	28.2	65.6	66.3	91.5	116.4	147	147
min	0.6	3.4	2.1	0.6	0	0	0	0	0	0.6	0.9	0.8	0	0.6
<b>Drought Code, DC</b>														
mean	315.1	360.9	375.9	383.6	325.4	246.5	198.9	164.4	157.5	168.4	207.2	273.2	264.6	297
median	298.8	348.2	380.4	371	309.2	232.7	170.8	153.1	130.7	163.5	210.7	268.9	255.2	286.9
max	676.7	639.5	713.8	671.9	636.2	599.5	460	418.2	387.3	342.3	421.4	571.7	713.8	713.8
min	6	105.4	67.5	55.2	50.2	11.6	1.3	1	0.3	2	2.9	38.9	0.3	2
<b>Initial Spread Index, ISI</b>														
mean	7.6	6.5	5.9	3.9	3	2.1	2.4	3.4	5.8	6.3	7.2	7.1	5.1	6.4
median	4.6	4.3	3.7	2.4	1.8	1.2	1.4	1.8	3.5	3.7	4.5	4.4	2.8	3.8
max	62.7	72.3	58.1	56.1	37.2	34.3	48	46.4	69.6	71.7	70.8	60	72.3	72.3
min	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Buildup Index, BUI</b>														
mean	46.7	51	47.8	39.1	24.2	11.3	8.3	11.9	21.8	26.3	34.1	41.8	30.3	40.9
median	38.9	47.5	39.7	34	18.8	8.1	7	10.6	19.1	25.3	31.5	39.4	23.7	34.9
max	186.3	162.4	155.6	162.5	104.4	72.9	28.1	40.8	78.4	81.4	118.6	154.2	186.3	186.3
min	1.1	6.7	3.9	1.2	0	0	0	0	0	0.9	1.3	1.5	0	0.9
<b>Fire Weather Index, FWI</b>														
mean	16	14.8	13.3	8.7	5.2	2.4	2.3	4	8.5	10	13.1	14.2	9.4	12.9
median	10.6	11.3	9.2	5.5	2.7	0.6	0.7	1.6	6	7.3	9.8	10.6	4.9	8.8
max	102.8	117.8	96	103.6	45.7	43.2	36.5	39.9	86	73.6	109.2	90.3	117.8	117.8
min	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Daily Severity Rating, DSR</b>														
mean	6.2	5.2	4.4	2.4	1.1	0.4	0.3	0.7	2.1	2.7	4.4	4.9	2.9	4.3
median	1.8	2	1.4	0.6	0.2	0	0	0.1	0.6	0.9	1.6	1.8	0.5	1.3
max	99.1	126.1	87.8	100.3	23.6	21.4	15.9	18.5	72.2	54.8	110.2	78.7	126.1	126.1
min	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Monthly Severity Rating, MSR</b>														
mean	199.3	151.4	136.9	70.5	32.4	11.3	9.1	21.3	64	82.4	123.6	148.4	87.6	130.4
max	711.1	625.1	427.8	497	156.9	42.7	29.3	101.9	240.5	257.5	644.7	605	711.1	711.1
min	22.4	40	19.1	7.5	0.4	0.4	0.2	0.3	14.6	11.5	26.6	20.4	0.2	7.5
<b>Cumulative Daily Severity Rating, CDSR</b>														
mean													1050.7	917.1
max													2230.2	2003.9
min													485.2	373.7

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<b>Forest Fire Danger Class (FFDC) Frequency</b>														
<b>Low</b>														
mean	9	7.7	9.8	14.2	19.7	25.8	27.6	24.3	13.9	13.1	9.6	9.7	184.2	71.7
max	22	15	23	26	31	30	31	31	23	29	22	22	246	102
min	1	0	0	3	5	14	18	11	1	5	0	0	129	35
<b>Moderate</b>														
mean	10.2	10.3	10.9	11.5	9.3	3.9	3.4	5.8	12.3	12.3	12.5	10.3	112.9	78.9
max	19	16	23	26	20	14	13	13	22	20	23	17	149	115
min	3	4	2	1	0	0	0	0	7	2	5	3	75	52
<b>High</b>														
mean	4.7	5.1	5.3	2.1	1.3	0.2	0	0.8	2.8	3.7	3.9	6.1	36	31.4
max	14	10	14	8	6	2	1	8	9	11	9	12	50	45
min	0	1	1	0	0	0	0	0	0	0	0	1	24	13
<b>Very High</b>														
mean	2.5	2.2	2.1	0.8	0.4	0	0	0.1	0.7	1.4	2	2.2	14.5	13.2
max	7	6	8	5	3	0	0	2	4	4	6	5	32	28
min	0	0	0	0	0	0	0	0	0	0	0	0	2	1
<b>Extreme</b>														
mean	2.5	2	2	1	0.3	0	0	0	0.3	0.5	1.7	1.8	12.3	11.9
max	11	9	7	8	5	1	0	0	5	5	8	10	39	33
min	0	0	0	0	0	0	0	0	0	0	0	0	2	1
<b>Very Extreme</b>														
mean	2.1	1	0.8	0.3	0	0	0	0	0	0	0.3	0.9	5.4	5.2
max	15	10	7	5	0	0	0	0	1	0	6	9	20	24
min	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Grass Fire Danger Class (GFDC) Frequency</b>														
Curing source	Otago (Inland Otago)													
Curing%	80	90	80	60	50	50	60	70	60	40	40	70		
<b>Low</b>														
mean	2.3	2.2	2.8	5.6	7.8	8.5	8.9	5.8	4.3	4.3	4.3	3.1	60	24.5
max	8	6	6	12	19	18	26	13	8	14	8	8	81	40
min	0	0	0	2	2	0	1	0	0	1	0	0	42	12
<b>Moderate</b>														
mean	11.7	9.2	13.7	20.9	19.4	19.6	20.4	19.7	19	19	16.8	13.9	203.2	105
max	22	16	22	27	27	28	28	28	26	25	24	22	241	127
min	2	1	3	15	12	12	5	12	13	11	10	4	173	75
<b>High</b>														
mean	9.5	9.6	9.2	3	3.5	1.7	1.7	4.4	5.8	6.4	7.4	9.7	72	55.2
max	19	18	19	11	8	6	5	10	14	11	13	16	89	77
min	2	5	3	0	0	0	0	0	1	2	1	0	49	38
<b>Very High</b>														
mean	3.5	3.7	2.9	0.4	0.3	0.2	0	0.9	0.8	1.3	1.3	2.8	18.2	16.3
max	10	8	6	2	3	1	1	7	3	4	6	8	32	28
min	0	1	0	0	0	0	0	0	0	0	0	0	9	8
<b>Extreme</b>														
mean	3.6	2.9	2.1	0	0	0	0	0.3	0	0	0.1	1.6	10.7	10.1
max	10	7	7	1	0	0	0	2	1	1	2	6	21	21
min	0	0	0	0	0	0	0	0	0	0	0	0	3	2
<b>Very Extreme</b>														
mean	0.4	0.6	0.2	0	0	0	0	0	0	0	0	0	1.2	1.1
max	3	2	2	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
<b>Scrub Fire Danger Class (SFDC) Frequency</b>														
<b>Low</b>														
mean	3.8	3.5	3.7	5	7.9	8.6	7.4	6.8	4.3	4.3	4.2	4	63.4	28.1
max	10	7	8	13	20	19	24	15	9	10	8	10	84	43
min	0	0	0	1	2	0	0	0	0	1	0	0	45	15
<b>Moderate</b>														
mean	0	0	0	0	0	0	0.1	0	0	0	0	0	0.3	0.1
max	0	1	0	1	0	1	2	0	1	0	0	0	2	1
min	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>High</b>														
mean	2.2	2.4	2.7	4.4	4.3	7	7	5	2.3	3.5	2.6	3.1	46.5	20.4
max	6	6	6	10	12	15	13	10	7	9	7	6	65	29
min	0	0	0	1	1	3	2	0	0	0	0	0	36	8
<b>Very High</b>														
mean	2.8	2.3	3.1	4.4	4.9	5.5	5.5	5.5	3.5	3	1.8	2.2	44.6	19.5
max	9	5	7	15	13	11	11	9	7	6	6	6	61	35
min	0	0	0	0	0	0	0	3	0	0	0	0	30	9
<b>Extreme</b>														
mean	5.6	5.6	7.6	8.3	7.7	4.9	6.5	6.8	7.5	6.4	6	5.9	78.7	45.6
max	13	9	16	21	16	13	14	12	12	13	10	10	106	70
min	1	1	2	1	1	1	1	2	3	2	3	2	60	32

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<b>Very Extreme</b>														
mean	16.6	14.4	13.9	8	6.2	3.9	4.5	6.8	12.3	13.8	15.4	15.8	131.8	98.6
max	28	27	27	24	17	9	11	17	22	21	25	27	165	141
min	6	7	5	3	0	0	0	0	6	7	9	3	99	79