

Station Name: Bridge Pa Raws (BRP)

Period: 1997-02-25 - 2021-07-02

Length of record: 24 years

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR	FIRE SEASON
Temperature, degrees Celsius														
mean	24	23.7	21.8	18.9	16.1	13.2	12.4	13.7	15.9	18.2	20	22.3	18.3	21.2
median	24	23.8	21.8	18.7	16	13	12.2	13.7	16.1	18.4	20	22.4	18.2	21.2
max	36.8	36.4	32.2	27.5	26.3	26.3	24.2	21.6	24.3	27.1	30.4	33.8	36.8	36.8
min	11.7	13.2	9.6	9	4.4	1.3	1.5	1.2	6.8	7.3	6.7	10.8	1.2	6.7
Relative Humidity, %														
mean	52.3	54.2	57.6	62.4	66.8	71.3	71	65.7	59.6	56.1	54.3	53.9	60.5	55.9
median	51	53	56	60	65	69	69	64	57	54	53.3	52	59	54.5
max	97	100	99	100	100	100	100	100	100	100	99.2	99.3	100	100
min	17	9	12	28	30	36	34	8	31	15	19	21.1	8	9
Wind Speed, km/h														
mean	15.9	14.5	13.9	12.8	12.3	12	12.6	13.7	15.3	16.2	17.2	16.6	14.4	15.3
median	15.5	14.4	13.6	12.6	10.9	10.6	11.9	13.7	15.1	15.8	16.6	16	14.3	15
max	47.8	40.2	47.2	35.3	48.8	44.1	35.8	45	69.3	46.4	54	45.7	69.3	54
min	2.5	1.8	1.4	0.1	0	0	0	0	1.9	0.5	1.1	2.5	0	0.1
24-hr Rainfall, millimeters														
mean	1.7	1.4	1.6	2	1.7	2.5	2.9	1.8	1.7	1.6	1.5	1.6	1.8	1.6
median	0	0	0	0	0	0	0	0	0	0	0	0	0	0
max	75.8	68.4	73.6	75	62.4	91.8	63.8	84.8	47.8	70.6	69.6	52.4	91.8	75.8
min	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Monthly Rainfall, millimetres														
mean	53.6	40.2	48.2	63.3	52.6	71.1	90.4	54	50.6	48.9	45	52.3	55.8	50.2
max	164.6	158.6	105.2	174	184.6	144	183.6	143.4	136.6	158	163	131.2	184.6	174
min	7	0.6	3.4	6.2	8	13	10.4	9.8	5.8	6.8	8.4	14.8	0.6	0.6
Seasonal Rainfall, millimetres														
mean													670.1	344.4
max													911.6	540
min													495.6	157.6
Fine Fuel Moisture Code, FFMC														
mean	83.5	83	80	76.5	73.8	68.7	67	72.7	76.4	79.6	81.3	81.6	77	80.8
median	87.8	87.4	86.2	84.2	82.2	78.1	77	80.8	84.5	85.5	86.5	86.9	84.2	86.4
max	96.3	98.2	96.6	91.6	90.9	89.2	89.6	89.4	89.8	94.3	94.5	93.7	98.2	98.2
min	5.9	7.8	6.4	6.3	1	3	1.1	6.5	9.8	0	9.3	6.9	0	0
Duff Moisture Code, DMC														
mean	49.4	52.4	44	25.5	18.7	9.9	5.1	7.8	15.4	23.3	35.3	38.7	27	38.2
median	43.2	46.9	34.4	18.1	14.2	6.4	3.9	6.7	13.7	21.3	34.6	32.5	18.3	31.7
max	150	142.4	167.5	109.6	78.7	66	27.8	27.9	53.9	78.2	82.4	152.6	167.5	167.5
min	2.4	2.3	0.5	0.3	0	0	0	0	0	1.6	1.4	2.7	0	0.3
Drought Code, DC														
mean	407.9	478.5	481.3	439	385.1	275.6	143.8	94.2	95.9	126.5	214.8	302	287.5	350
median	412.5	503.1	477.8	439.9	361.4	255.3	111.8	79.3	87	124.5	212.6	304.6	253.6	323
max	759.9	895.6	1005	892.1	784.3	812.2	658.9	384.7	265.5	341.1	458.8	565.1	1005	1005
min	51.7	106.2	144.5	3.7	1.8	1.8	1	1.3	1.4	3.6	33.6	57.2	1	3.6
Initial Spread Index, ISI														
mean	7.7	6.4	5.5	3.8	3.2	2.3	2.1	2.8	4.3	5.5	6.9	6.8	4.7	6.1
median	6.7	6.1	4.8	3.3	2.4	1.6	1.5	2.2	3.7	4.5	5.8	5.9	3.6	5.1
max	56.5	33	40.5	26.9	35.4	33.7	14.4	27.8	45.8	42.5	44.9	49.5	56.5	56.5
min	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Buildup Index, BUI														
mean	73.5	79.6	68.6	42.9	32.2	17.3	8.5	11.6	20.4	30.5	47.9	55.7	40.5	56.8
median	68.1	73.2	56.4	32.4	25.3	11.3	6.5	9.9	18.6	28.1	46.7	50.6	29	48.2
max	184.8	188.2	236.4	153.6	120	109.7	44.8	38.4	67.6	91.1	108.6	181.4	236.4	236.4
min	4.3	4.5	1	0.6	0	0	0	0	0	2.1	2.6	5	0	0.6
Fire Weather Index, FWI														
mean	20.8	19.3	15.8	9.4	6.7	3.4	2.1	3.3	6.8	10.3	15.5	16.6	10.8	15.3
median	19.5	18.5	12.9	7.1	4.4	1.4	0.8	2.3	5.9	8.4	14.4	15	6.9	13
max	92.6	61.7	84.5	66.8	65	69.1	16	30.2	40.9	71	72.2	81.2	92.6	92.6
min	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Daily Severity Rating, DSR														
mean	7.8	6.6	5.3	2.3	1.5	0.6	0.2	0.4	1.3	2.6	4.7	5.4	3.2	4.9
median	5.2	4.8	2.5	0.9	0.4	0	0	0.1	0.6	1.2	3	3.3	0.8	2.6
max	82.3	40.2	70.1	46.2	44	49.1	3.7	11.3	19.4	51.5	53	65.2	82.3	82.3
min	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Monthly Severity Rating, MSR														
mean	241.2	185.2	171.9	69.5	46.7	20.4	6.9	12.6	39.2	81.4	135.3	153.9	97	148.3
max	470.2	353.4	536.7	243.1	207.7	149.4	22.3	50.6	83.1	344.1	327.3	542.8	542.8	542.8
min	45.1	48.7	16.2	1.8	0.4	0.2	0.4	1.4	5.8	12.2	25.4	26.9	0.2	1.8
Cumulative Daily Severity Rating, CDSR														
mean													1164.2	1058.7
max													2472.9	2391.8
min													398.1	418

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Forest Fire Danger Class (FFDC) Frequency														
Low														
mean	4.3	3.6	6.7	11.4	16.7	23.9	27.4	24.6	13.3	10	6.2	5.8	153.8	47.4
max	10	9	22	30	31	30	31	31	28	23	17	16	217	83
min	0	0	0	0	4	9	12	6	2	0	1	1	104	19
Moderate														
mean	8.7	9	10.2	12.5	11	5	3.6	6.3	15	14.5	10.7	11.1	117.6	76.4
max	22	20	23	24	23	15	19	25	23	26	20	21	165	114
min	3	0	1	0	0	0	0	0	2	3	5	3	87	47
High														
mean	6.6	6	6.6	4.2	2.2	0.7	0	0.2	1.6	4.5	8.7	8	49.3	44.4
max	13	14	14	15	12	6	0	3	5	19	15	14	78	72
min	1	0	0	0	0	0	0	0	0	0	0	0	22	22
Very High														
mean	4	4.8	3.7	1.2	0.6	0.2	0	0	0.1	1.2	2.4	3.1	21.2	20.5
max	9	12	11	10	3	2	0	0	1	7	8	9	36	41
min	0	0	0	0	0	0	0	0	0	0	0	0	4	4
Extreme														
mean	5.6	4	2.7	0.5	0.2	0.1	0	0	0.1	0.7	1.6	2.1	17.7	18.1
max	15	13	10	5	3	3	0	0	1	8	5	8	51	53
min	0	0	0	0	0	0	0	0	0	0	0	0	2	0
Very Extreme														
mean	1.8	0.9	1.2	0.2	0.3	0.1	0	0	0	0.1	0.4	0.8	5.6	5.5
max	6	5	6	3	4	2	0	0	0	2	4	10	21	25
min	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Grass Fire Danger Class (GFDC) Frequency														
Curing source Eastern (Hastings / Napier)														
Curing%	90	95	80	70	50	40	40	40	40	50	60	70		
Low														
mean	1.3	1.2	2.5	3.6	5.2	7.5	9.1	6	4	2.3	2.2	2	46.7	14.7
max	3	5	13	9	12	22	17	13	11	6	6	7	85	26
min	0	0	0	0	0	0	0	1	0	0	0	0	29	2
Moderate														
mean	6	5.3	9.6	19	22.7	21.3	21.1	23.7	22.4	20.5	20.3	12.2	204.2	92.3
max	10	12	22	25	28	26	31	30	29	28	26	20	227	130
min	2	0	2	7	17	8	14	18	14	6	11	4	177	61
High														
mean	12.4	12.6	15.3	6.9	2.8	1.1	0.8	1.2	3.5	7.4	6.9	14.1	84.9	76
max	23	20	26	22	10	5	3	5	12	19	13	23	115	108
min	6	7	7	0	0	0	0	0	0	0	1	7	35	50
Very High														
mean	7.8	7.3	2.8	0.4	0.3	0	0	0.1	0.2	0.8	0.6	2.2	22.6	22.3
max	15	16	9	2	2	1	0	2	2	3	5	9	38	47
min	1	2	0	0	0	0	0	0	0	0	0	0	6	6
Extreme														
mean	3	1.8	0.9	0.1	0	0	0	0	0	0	0	0.5	6.4	6.4
max	7	5	5	1	0	0	0	0	0	1	0	3	20	17
min	0	0	0	0	0	0	0	0	0	0	0	0	1	1
Very Extreme														
mean	0.4	0.1	0	0	0	0	0	0	0	0	0	0	0.5	0.5
max	2	1	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
Scrub Fire Danger Class (SFDC) Frequency														
Low														
mean	2.2	2	3.6	4.5	5.4	7.6	8.9	6	4.3	3.1	2.6	2.7	52.9	20.3
max	6	7	14	9	11	19	19	14	11	7	8	7	83	33
min	0	0	0	0	0	1	1	1	0	0	0	0	31	8
Moderate														
mean	0	0	0	0	0	0	0	0	0	0	0	0	0.1	0
max	0	0	0	0	0	1	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	1.2	0.8	1.4	2	4.3	4.2	5	3.5	2.1	1.6	1.7	1.1	28.8	9.8
max	3	4	6	5	15	11	11	10	6	9	5	3	55	20
min	0	0	0	0	1	0	1	0	0	0	0	0	8	2
Very High														
mean	1.7	1.8	2.1	3.7	4.1	6.4	4.9	5.4	3.2	2.8	1.6	2.6	40.4	16.1
max	6	6	5	9	9	15	9	15	6	6	7	5	67	27
min	0	0	0	0	1	1	1	1	1	0	0	0	22	7
Extreme														
mean	4.6	4.3	5.7	9.1	9.7	7.4	8.2	9.5	7	7	4.3	5.2	82.1	40.2
max	12	11	13	17	20	14	15	15	12	17	9	10	106	69
min	1	0	1	1	1	1	3	3	4	1	1	0	53	18

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Very Extreme														
mean	21.3	19.3	18.1	10.7	7.4	4.3	4	6.6	13.4	16.5	19.8	19.4	161	125.8
max	27	29	28	24	22	11	13	16	21	29	26	25	214	164
min	15	8	5	0	0	0	0	0	5	5	10	12	90	81