

Station Name: Wreys Bush Raws (WRY)

Period: 1994-08-16 - 2021-07-02

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	18.1	17.9	16.4	13.7	10.9	8	7.5	9.3	11.8	13.4	14.8	17.1	13.3	15.9
median	17.9	17.8	16.1	13.8	10.9	7.8	7.3	9.4	11.9	13.4	14.8	17.1	13.1	15.7
max	30.4	32.8	27.6	22.6	21.3	18.7	17	17.5	23.4	24.3	26.4	28.5	32.8	32.8
min	2.2	5.5	6.1	1.3	0.4	-2.4	-2.3	-3.8	0.1	3.6	2.3	6.4	-3.8	1.3
<b>Relative Humidity, %</b>														
mean	63.8	65.6	67.9	71.9	76.5	79.4	77.6	73	66.6	63.1	63.3	62.4	69.2	65.4
median	62.7	65	66.6	70	76.2	80	78	72	66	61	62	61	69	64
max	100	100	100	100	100	100	100	100	100	100	100	100	100	100
min	23.5	23.1	35	41	44	43	31	15.5	14.1	27	25	15	14.1	15
<b>Wind Speed, km/h</b>														
mean	15.5	13.6	14.1	13.6	14	13.8	13.1	13.5	16.5	18.1	18.5	16.3	15.1	15.7
median	11.5	10.6	10.8	10.9	11.9	12.2	11.3	11.2	13.8	15.3	15.5	12.6	12.2	12.3
max	59.9	61.1	61.3	51.2	49.8	55.4	68	47.3	67	83.8	80.4	54.2	83.8	83.8
min	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>24-hr Rainfall, millimeters</b>														
mean	2.4	2.6	2.1	2.3	2.5	2.3	1.9	1.8	2.2	2.5	2.5	2.5	2.3	2.4
median	0	0	0.2	0.2	0.2	0.4	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
max	55.8	62	36.6	63.8	30.4	33.2	33	26.2	29.4	47.2	52.6	52	63.8	63.8
min	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Monthly Rainfall, millimetres</b>														
mean	70.2	74.8	65.1	70.1	75.9	68.6	59	56.1	65.8	80.2	74.6	77.4	69.8	73.2
max	122.2	155.2	146.4	189.1	201.6	133.2	106	126.8	143.8	187.2	141	175.6	201.6	189.1
min	22.8	10	7	11.6	19.8	18.6	12.2	14.4	14.2	32.6	23.8	12.8	7	7
<b>Seasonal Rainfall, millimetres</b>														
mean													837.8	509.9
max													1208	754.6
min													656.6	363
<b>Fine Fuel Moisture Code, FFMC</b>														
mean	72.9	72.5	70.4	65.3	59	54.3	58.9	63.4	67.7	69.2	70.9	72	66.4	70.5
median	81.7	80	78.3	72.8	63.4	56.1	62.9	69.7	74.4	74.9	77.4	79.2	73.3	77.9
max	93.4	94	90.5	88.3	87.7	85.9	87.9	87.8	94.3	91	93	95.1	95.1	95.1
min	2.6	0.9	3.7	0.4	3.7	5	7.6	4.8	2.3	2.9	13.5	8.1	0.4	0.4
<b>Duff Moisture Code, DMC</b>														
mean	14.9	15.4	12	7.3	2.8	1.1	1.3	2.5	5.5	7.5	10	13.5	7.8	11.5
median	12.5	13	8.7	5.7	2	0.5	0.8	2	4.5	6.5	8.5	11	5.2	9
max	79.6	88.8	53.2	53.7	16.3	13.2	7.6	13.3	26	25.5	32.6	53.3	88.8	88.8
min	0	0.2	0.1	0	0	0	0	0	0	0	0	0	0	0
<b>Drought Code, DC</b>														
mean	208.8	246.6	254.9	244.6	178.3	101.6	61.7	45.6	40	50.3	87.9	154.5	139.4	177.5
median	207	252	250.6	255.9	184.2	109.4	45.8	29.1	32.3	42.4	80.3	145.4	118.8	171.1
max	488.6	533.9	515.1	478	400.8	277.9	183.5	155.9	162.5	173.6	271.8	320.1	533.9	533.9
min	4.1	5.8	42.5	1.9	0	0.1	0.2	0	0	1.6	3.4	4.8	0	1.6
<b>Initial Spread Index, ISI</b>														
mean	4.3	3.4	3.1	2.2	1.6	1.1	1.3	1.8	3.1	3.7	4	4	2.8	3.5
median	2.4	2	1.8	1.2	0.9	0.6	0.8	1.1	1.6	1.9	2.1	2.3	1.4	2
max	46.9	43.2	36.4	33.4	29.6	16.4	20.6	23.1	35.2	48.7	38	37.7	48.7	48.7
min	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Buildup Index, BUI</b>														
mean	24.4	25.7	20.8	13	5.2	2	2.2	3.9	7.2	10.2	14.9	21.2	12.5	18.6
median	21.5	22.7	15.7	10.8	3.8	1	1.4	3	5.9	9.1	12.8	18.3	8.6	15
max	101.1	124.6	84.3	80.8	28.9	21.1	13.2	21.5	32.5	33.9	48.1	73	124.6	124.6
min	0	0.4	0.2	0	0	0	0	0	0	0	0	0	0	0
<b>Fire Weather Index, FWI</b>														
mean	7.1	6.1	4.9	2.7	1.3	0.6	0.7	1.2	2.7	3.9	5	6.2	3.5	5.1
median	4.3	3.3	2.3	0.8	0.3	0.2	0.2	0.4	0.8	1.3	2.5	3.4	0.8	2.5
max	67.2	61.9	58.1	40	22.6	12	12.2	20.4	28.6	38.7	40.7	51.6	67.2	67.2
min	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Daily Severity Rating, DSR</b>														
mean	1.8	1.4	1	0.4	0.1	0	0	0.1	0.4	0.7	1	1.4	0.7	1.1
median	0.4	0.2	0.1	0	0	0	0	0	0	0	0.1	0.2	0	0.1
max	46.7	40.3	36	18.6	6.8	2.2	2.3	5.7	10.3	17.6	19.3	29.2	46.7	46.7
min	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Monthly Severity Rating, MSR</b>														
mean	56.1	40	32.3	12.3	4.7	1.2	1.5	3.1	12.3	22	29.7	40.8	21.3	33.3
max	260.6	230.2	116.9	61	17.1	7	4.7	12.8	36.2	91.9	85.7	133	260.6	260.6
min	9.9	3.2	4.2	0.8	0.1	0	0.1	0.2	1.6	0.7	4.2	2.4	0	0.7
<b>Cumulative Daily Severity Rating, CDSR</b>														
mean													255.9	232.3
max													511.2	480.4
min													95.9	80.4

	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	16.2	16.4	21.3	24.8	29.7	29.8	30.8	30.3	26.2	24.7	20.3	19	289.7	142.6
max	27	27	30	30	31	30	31	31	30	31	28	31	332	184
min	6	0	3	7	25	27	29	25	19	15	7	1	246	112
<b>Moderate</b>														
mean	11.5	9.2	7.8	4.7	1.3	0.2	0.2	0.7	3.7	5.8	8.5	9.6	63	57.4
max	19	16	24	18	6	3	2	6	9	14	18	22	97	83
min	4	1	1	0	0	0	0	0	0	0	1	0	30	28
<b>High</b>														
mean	2	1.7	1.1	0.3	0	0	0	0	0.2	0.5	0.9	1.8	8.5	8.2
max	6	11	7	3	0	0	0	0	2	6	4	8	23	24
min	0	0	0	0	0	0	0	0	0	0	0	0	1	0
<b>Very High</b>														
mean	0.7	0.6	0.5	0.1	0	0	0	0	0	0	0.2	0.4	2.5	2.4
max	5	3	3	1	0	0	0	0	0	0	2	3	7	7
min	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Extreme</b>														
mean	0.5	0.3	0.3	0	0	0	0	0	0	0	0	0.2	1.3	1.4
max	5	4	3	1	0	0	0	0	0	0	1	2	5	7
min	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Very Extreme</b>														
mean	0.1	0.1	0	0	0	0	0	0	0	0	0	0	0.2	0.2
max	2	2	1	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
<b>Grass Fire Danger Class (GFDC) Frequency</b>														
<b>Curing source Southland (Coastal Southland)</b>														
Curing%	60	60	50	50	45	40	40	30	30	35	40	50		
<b>Low</b>														
mean	5.8	5.5	7	9.2	13.7	16.2	14.2	12.8	9	8.1	6.3	5.8	113.5	47.5
max	13	12	12	24	25	29	25	22	15	17	12	16	183	69
min	0	0	0	3	2	9	1	2	1	1	0	0	90	26
<b>Moderate</b>														
mean	21.2	19.9	20.5	18.9	16.1	13.2	16.2	17.7	18.5	19.5	19.7	21.1	222.4	140.9
max	28	23	27	27	25	21	29	28	27	29	27	25	240	164
min	14	15	12	5	6	1	5	9	12	14	10	15	155	116
<b>High</b>														
mean	3.3	2.5	2.8	1.8	1.2	0.6	0.6	0.5	2.5	3.1	3.3	3.2	25.4	20
max	7	8	8	6	5	4	2	3	5	9	9	7	38	41
min	0	0	0	0	0	0	0	0	0	0	1	0	11	9
<b>Very High</b>														
mean	0.8	0.3	0.7	0.2	0	0	0	0	0	0.3	0.7	0.9	3.9	3.8
max	5	2	3	1	1	0	0	0	1	3	2	4	9	10
min	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Extreme</b>														
mean	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1
max	0	0	0	0	0	0	0	0	0	0	0	1	1	1
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	6.1	5.9	7.3	10	13.8	16.3	14.4	11.2	8.4	8.3	7.1	6.7	115.5	51.4
max	13	14	14	27	27	29	25	22	15	16	13	18	199	75
min	0	0	0	1	2	8	2	2	1	3	1	0	88	39
<b>Moderate</b>														
mean	0	0	0	0	0.1	0	0	0	0.1	0	0	0	0.4	0.1
max	1	0	0	1	1	1	1	1	2	0	0	1	3	2
min	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>High</b>														
mean	3	4.1	4.6	5.3	5.9	6	6.7	6.3	4.5	4.8	3.7	3.7	58.6	29.1
max	7	10	10	12	12	15	12	13	12	11	8	8	86	42
min	1	0	2	0	0	1	0	2	0	1	1	1	39	14
<b>Very High</b>														
mean	4.2	4.4	5.8	4.3	4.3	3.8	4.7	6	5.2	3.7	4.5	4.1	55	30.6
max	8	11	13	11	9	11	10	9	10	7	11	8	68	48
min	1	2	2	0	0	0	1	1	2	0	1	1	31	20
<b>Extreme</b>														
mean	9.3	7.8	7.5	6.7	4.1	2.3	3.5	4.8	5.9	6.6	7.2	8.4	74.2	53.9
max	15	14	15	15	11	6	8	12	16	15	11	14	97	70
min	3	3	1	1	0	0	0	2	2	1	2	4	42	36

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR	FIRE SEASON
<b>Very Extreme</b>														
mean	8.4	6.2	5.8	3.6	2.8	1.5	1.7	2.7	6	7.5	7.5	8	61.7	47.1
max	19	20	13	10	8	10	5	7	11	17	16	18	82	82
min	2	1	1	0	0	0	0	0	0	1	1	1	29	25