

Station Name: Westport Aero Aws (WSA)

Period: 1971-01-01 - 2021-07-01

Length of record: 50 years

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR	FIRE SEASON
Temperature, degrees Celsius														
mean	18.6	19.1	18.2	16.1	13.8	11.5	11.1	11.9	13.1	14.1	15.5	17.1	15	16.9
median	18.4	19	18	16	14	11.7	11	12	13	14	15.5	17	15	17
max	26	26	26.5	25	22	17.8	18	18	22.6	21	24.3	24.4	26.5	26.5
min	10.7	11	9.4	7.2	5.2	4	0.2	4	4	5.7	7.7	8	0.2	5.7
Relative Humidity, %														
mean	74	73.5	72.8	73.6	75.4	75.1	72.8	72	73.5	75.1	73.4	75.3	73.9	74
median	73	73	73	73.8	76	76.1	73.7	74	74.2	75	72.8	74.3	74	73.2
max	100	100	100	100	100	100	100	100	100	100	100	100	100	100
min	32	24	24.8	19	28.4	22.4	23.9	17.6	21	28.6	22.8	29.9	17.6	19
Wind Speed, km/h														
mean	18.7	17.2	16.3	14.8	13	13.1	12.8	14.2	18	20.5	20.5	19.3	16.5	18.2
median	17	15	15	13	11	11	11	13	15	19	19	18.5	15	17
max	65	65	67	74.1	74	65	70.4	65	72.1	74	59	74	74.1	74.1
min	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24-hr Rainfall, millimeters														
mean	5.5	4.4	5	5.9	6.4	6.8	6	5.9	6.3	6.5	5.5	6.6	5.9	5.6
median	0	0	0	0.2	1	0.9	0.4	0.8	1.8	1.8	0.6	0.6	0.4	0.2
max	148.5	99.6	127	110.9	89	94.5	104.2	141.8	108.4	154	73	91	154	154
min	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Monthly Rainfall, millimetres														
mean	170.3	124.6	154.9	174.4	196.7	203.7	186.2	181.6	188.8	202.6	163.7	203.4	179.2	170.6
max	395.4	253.4	329.5	432.9	371	380.6	325.2	372	362	376.8	353	340.4	432.9	432.9
min	0.6	39	28.8	38.6	46	66.6	39.6	61	53.8	79.8	22.2	46.2	0.6	0.6
Seasonal Rainfall, millimetres														
mean													2150.9	1196.5
max													2705.2	1685.9
min													1522	790.2
Fine Fuel Moisture Code, FFMC														
mean	65.9	68.1	66.5	60.9	54.1	52	54.1	55.2	54.6	56.3	61.4	60.2	59.1	62.7
median	75.5	77.8	76.4	68.5	55.3	52.2	56.6	56.8	55.3	59.1	66.6	66.1	64.5	70.7
max	89.9	91	92.4	90.3	89.6	91	89.6	89.4	90.3	88.3	90.5	89	92.4	92.4
min	2.8	0.3	2.2	0	1.1	0	0	2.9	0	1.7	0	1.5	0	0
Duff Moisture Code, DMC														
mean	7.1	7.9	6.8	4.1	2	1.4	1.7	1.9	2.3	2.3	4.5	5.1	3.9	5.4
median	5.5	6.3	5.1	2.7	1	0.6	0.9	1.1	1.3	1.7	3.2	3.7	2.3	3.8
max	41.6	46.8	52.8	36.2	21.3	12	14.5	13.7	22.9	16.3	30.2	44.5	52.8	52.8
min	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Drought Code, DC														
mean	62.4	81.6	65.7	33.8	12.9	7.6	7.1	6.9	7.2	11.4	28.2	40.7	30.3	46.1
median	47.1	69.6	45.2	20	5.7	4.2	4.3	4.4	4.3	8.2	20.1	29.3	12.2	27.6
max	371.2	427.5	289.4	282.7	133.7	83.7	43.1	39	62.2	55.3	151.4	278.5	427.5	427.5
min	5.9	5	3.4	2	0.6	0.4	0.6	0.4	0.4	2	3.8	4.8	0.4	2
Initial Spread Index, ISI														
mean	2.6	2.7	2.4	1.7	1	1.1	1.2	1.3	1.4	1.6	2.3	2	1.8	2.2
median	2	2.1	1.9	1.2	0.5	0.4	0.6	0.6	0.7	1.1	1.6	1.4	1.1	1.6
max	23.1	24.3	30.2	13.8	17.1	29.2	14.2	18.3	20.2	18.3	20.8	25.9	30.2	30.2
min	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Buildup Index, BUI														
mean	10.5	12	10	5.7	2.6	1.7	2	2.1	2.5	2.8	6.2	7.4	5.4	7.8
median	8.2	9.9	7.7	3.8	1.4	0.8	1.2	1.3	1.4	2.1	4.3	5.3	3	5.4
max	64.9	72.8	72	48.2	25.4	13.4	14.7	13.7	23.4	17.7	40.3	56.9	72.8	72.8
min	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Fire Weather Index, FWI														
mean	3.1	3.3	2.8	1.5	0.6	0.6	0.7	0.7	0.9	1	2.2	2	1.6	2.3
median	1.5	1.8	1	0.4	0.2	0.1	0.2	0.2	0.2	0.3	0.6	0.6	0.4	0.7
max	33.7	28.3	35.9	17.2	15.4	23.3	11.1	16	18.1	15.5	23.9	31.9	35.9	35.9
min	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Daily Severity Rating, DSR														
mean	0.4	0.4	0.4	0.1	0	0	0	0.1	0.1	0.1	0.2	0.2	0.2	0.3
median	0.1	0.1	0	0	0	0	0	0	0	0	0	0	0	0
max	13.8	10.1	15.4	4.2	3.5	7.1	1.9	3.7	4.6	3.5	7.5	12.5	15.4	15.4
min	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Monthly Severity Rating, MSR														
mean	13.1	12.1	11.4	4.4	1.3	1.4	1.3	1.6	2.3	2.2	7.4	7.3	5.5	8.3
max	78.4	52.5	112.9	19.6	6.8	20.8	8.2	9.8	14.2	11	44.2	76.3	112.9	112.9
min	0.5	0.5	0.8	0.1	0	0	0	0.1	0	0.1	0	0.4	0	0
Cumulative Daily Severity Rating, CDSR														
mean													65.7	57.8
max													210.2	201.9
min													13.2	7.6

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR	FIRE SEASON
Forest Fire Danger Class (FFDC) Frequency														
Low														
mean	24.8	21.8	25.8	28.3	30.7	29.8	30.9	30.8	29.4	30.8	27.1	27.9	338.3	186.7
max	31	29	31	30	31	30	31	31	30	31	30	31	365	212
min	1	7	5	15	26	26	27	28	22	27	16	1	299	144
Moderate														
mean	5.9	6.2	4.8	1.7	0.3	0.2	0.1	0.2	0.6	0.2	2.8	3	25.9	24.5
max	24	21	18	15	5	4	4	3	8	4	13	25	55	61
min	0	0	0	0	0	0	0	0	0	0	0	0	1	0
High														
mean	0.3	0.2	0.2	0	0	0	0	0	0	0	0.1	0.1	0.9	0.9
max	5	3	3	0	0	0	0	0	0	0	2	4	6	6
min	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Very High														
mean	0	0	0.1	0	0	0	0	0	0	0	0	0	0.1	0.1
max	0	0	3	0	0	0	0	0	0	0	0	1	3	3
min	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Extreme														
mean	0	0	0	0	0	0	0	0	0	0	0	0	0.1	0.1
max	1	0	2	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
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
Grass Fire Danger Class (GFDC) Frequency														
Curing source Default														
Curing%	80	80	80	80	80	80	80	80	80	80	80	80		
Low														
mean	6.9	5.3	7	9.4	13.9	14.7	14.3	13.7	12.7	11.1	8.3	9.4	126.7	57.6
max	16	13	18	19	26	29	25	26	23	22	22	18	180	86
min	0	1	0	2	3	6	4	5	4	3	2	0	84	33
Moderate														
mean	17.5	17.2	18.3	17.4	16.1	13.7	14.8	15.1	14.7	16.5	16.2	17	194.5	120.2
max	24	23	27	26	27	23	25	21	25	27	23	25	240	151
min	11	8	11	9	5	1	6	5	7	9	8	12	161	99
High														
mean	5.6	5.1	5.1	2.9	0.9	1.3	1.8	2	2.4	3.2	5	4.2	39.5	30.7
max	13	14	14	10	5	8	9	9	10	9	15	12	74	55
min	0	0	0	0	0	0	0	0	0	0	0	0	11	2
Very High														
mean	0.9	0.6	0.4	0.3	0.1	0.2	0.1	0.1	0.2	0.1	0.5	0.4	4	3.3
max	4	5	4	2	1	3	2	1	4	1	4	3	13	15
min	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Extreme														
mean	0.1	0.1	0.1	0	0	0.1	0	0	0	0	0	0.1	0.5	0.4
max	3	1	3	0	1	2	0	1	1	1	1	1	4	4
min	0	0	0	0	0	0	0	0	0	0	0	0	0	0
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	9.9	8	9.7	12.6	16.9	17.2	16.5	16.5	16.6	15.8	12.5	13.4	165.7	82.1
max	21	16	20	23	29	30	27	27	29	29	26	22	217	114
min	0	1	1	3	5	7	5	7	8	5	3	0	130	52
Moderate														
mean	0	0	0	0	0.1	0.1	0.1	0.1	0	0	0	0	0.4	0
max	0	0	0	0	2	1	1	1	1	0	0	0	3	0
min	0	0	0	0	0	0	0	0	0	0	0	0	0	0
High														
mean	1.8	2.1	2.7	3.6	5	4.3	4	4.4	2.8	2.1	2	2.3	37	16.5
max	6	7	8	9	10	13	12	9	6	6	6	6	58	30
min	0	0	0	0	1	0	0	0	0	0	0	0	25	8
Very High														
mean	4.2	4.1	4.4	4.2	4.2	3.6	4	3.8	3.5	4.4	3.3	3.9	47.6	28.5
max	11	12	10	10	15	9	10	10	8	11	9	9	76	49
min	0	0	1	0	0	0	0	1	0	0	0	0	31	15
Extreme														
mean	9.3	8.8	9.2	6.8	3.9	3.4	4.8	4.5	4.6	5.6	7.1	7.3	75.3	54.2
max	17	17	21	16	14	11	12	13	10	13	16	14	102	69
min	4	0	2	0	0	0	0	1	0	0	0	1	42	38

