

Station Name: Woodhill Raws (WDH)

Period: 1996-07-17 - 2021-07-01

Length of record: 24 years

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR	FIRE SEASON
Temperature, degrees Celsius														
mean	22.1	22.7	21.6	19.2	16.6	14.4	13.5	14.3	15.7	16.8	18.5	20.4	18	20.2
median	22.2	22.8	21.6	19.3	16.8	14.5	13.5	14.3	15.7	16.8	18.4	20.4	17.8	20.2
max	28.5	31.3	28.8	26.5	23	20.5	20.6	20.3	23.1	25.1	26.3	27.2	31.3	31.3
min	13.3	14.5	11.3	11.1	6.5	7.1	5.4	6.2	6.5	8.1	9.8	11.9	5.4	8.1
Relative Humidity, %														
mean	68	67.8	69	71.9	77.5	80.1	79	77.7	73.5	72.3	70	70.3	73.1	69.9
median	66	66	67.6	71	77	81	80	78	73	71	68.9	68.3	72	68.1
max	100	100	100	100	100	100	100	100	100	100	100	100	100	100
min	42	35.2	38	45	40	46.3	45	38.3	34	29.6	33	44	29.6	29.6
Wind Speed, km/h														
mean	15.2	14.2	14.1	13.3	14	14.3	14.6	15	15.2	15.6	15.7	15.3	14.7	14.8
median	14	13.2	13	12.1	12.7	13	13.2	14	14	15.1	14.8	14.3	13.7	13.9
max	45.9	48.6	38.5	45.4	46.4	54.6	51	52.1	51.7	39.6	39.3	51.5	54.6	51.5
min	2.3	2.2	3	2.5	1.3	1.1	0	0	0.7	3	0.7	0	0	0
24-hr Rainfall, millimeters														
mean	2	2.3	2.8	2.9	3.9	4	5.4	3.7	3.5	3	2.4	3	3.3	2.6
median	0	0	0	0	0.4	0.8	1	0.6	0.5	0	0	0	0	0
max	79.4	64	97	79.5	93.5	69.3	108.6	73.2	75	54.6	56.8	75.2	108.6	97
min	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Monthly Rainfall, millimetres														
mean	61.9	67.1	85.8	87.5	123	118.8	165.4	114.6	102.2	92.1	73.3	90.6	98.5	79.8
max	162	191.4	243.6	188.8	227.6	235.5	399.6	203.4	225.2	169	174.8	230.5	399.6	243.6
min	1.2	6.6	4.6	20.4	27.2	2.4	1.8	1.4	41.5	18.4	0	24	0	0
Seasonal Rainfall, millimetres														
mean													1182.5	561.1
max													1579	787.2
min													673.2	276.4
Fine Fuel Moisture Code, FFMC														
mean	77.4	76.1	74.3	69.7	61.5	56.2	54.5	58.3	64.1	67.3	72.3	72.2	67	72.7
median	84.2	84.1	83.4	78.2	68.7	62.2	56.2	62.7	70.6	75.4	80.5	80.9	76.4	81.7
max	88.9	89.8	89.5	88.5	86.3	86.3	85.9	86.6	87.9	88.1	91	89.1	91	91
min	0	1.1	4.7	0.5	3	1.4	1.6	2.6	0	0.9	8.7	1.5	0	0
Duff Moisture Code, DMC														
mean	21.8	26.2	18	10.8	4.2	1.9	1.9	3.3	4.2	6.8	12	15.1	10.5	15.7
median	18.2	21.6	13.8	7.6	2.8	1	0.8	1.3	3.1	5.3	9.9	11.9	5.8	11.4
max	73.4	109.8	89.9	43.6	19.8	13.8	26	40.5	44.8	27.8	68.2	74	109.8	109.8
min	1.4	0.2	0.3	0	0	0	0	0	0	0	0	0	0	0
Drought Code, DC														
mean	225.5	306.9	282.2	242	145.1	62.1	23	19.8	22.4	34	83.3	145.9	131.9	187.3
median	212.8	287.3	279.6	213.6	134.7	21.7	7.6	8.8	14.2	28.5	74.5	132.6	83.9	154.4
max	599.1	621.4	712.7	615.8	551.5	247.4	209.3	238.6	248.2	113.8	290.1	405.7	712.7	712.7
min	7.2	9.7	4.4	3.2	1.3	1.2	0.7	1.1	1.5	2.4	4.6	6.4	0.7	2.4
Initial Spread Index, ISI														
mean	3.8	3.7	3.2	2.2	1.5	1.2	1.2	1.3	1.7	2.1	2.8	2.9	2.3	2.9
median	3.5	3.6	3.2	1.9	1.1	0.9	0.6	0.9	1.4	1.8	2.6	2.7	1.8	2.7
max	18.4	16.9	12.2	9	14.5	18.5	14.4	17.2	25.2	12.9	16	24.8	25.2	24.8
min	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Buildup Index, BUI														
mean	34.1	41.4	30	18.3	7.4	3.1	2.8	4.5	5.4	8.7	17	23.3	16.2	24.5
median	29.9	36.3	23.8	13.6	5.1	1.6	1.2	1.8	4	7	14.3	19	9	18.1
max	103.6	151.2	136.7	72.3	31.7	24.2	37.2	56.8	61.8	33.9	85.9	92.8	151.2	151.2
min	2.2	0.4	0.7	0	0	0	0	0	0	0	0	0	0	0
Fire Weather Index, FWI														
mean	8.3	9.1	6.7	3.5	1.5	0.8	0.8	1	1.3	2.2	4.2	5.2	3.7	5.6
median	7.5	8.2	5.7	2	0.5	0.3	0.2	0.3	0.5	0.9	3.4	4.2	1	4.1
max	46.7	41.3	38.2	21.3	15.9	19.1	14.9	14.9	17.8	14.6	35.4	40	46.7	46.7
min	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Daily Severity Rating, DSR														
mean	1.7	2	1.2	0.4	0.1	0	0.1	0.1	0.1	0.2	0.6	0.8	0.6	1
median	1	1.1	0.6	0.1	0	0	0	0	0	0	0.2	0.3	0	0.3
max	24.6	19.7	17.2	6.1	3.6	5	3.2	3.3	4.4	3.1	15	18.6	24.6	24.6
min	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Monthly Severity Rating, MSR														
mean	51.5	54.2	37.6	13.9	4.2	1.5	1.8	2.8	3.2	6.7	17.7	26.1	18.4	29.7
max	171	193.3	160.5	49.2	16	6.7	21.6	34.7	13.4	21	101.7	80	193.3	193.3
min	9.9	6.2	3.5	1.6	0.1	0	0	0	0.3	0.9	1.8	2.9	0	0.9
Cumulative Daily Severity Rating, CDSR														
mean													221.2	207.9
max													765.4	602
min													75.1	80.8

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR	FIRE SEASON
Forest Fire Danger Class (FFDC) Frequency														
Low														
mean	10.4	10	14.5	20.9	28.8	29.8	30	29.5	29	27.2	20	17	267	120.1
max	24	23	31	30	31	30	31	31	30	31	30	29	312	158
min	0	1	2	7	18	27	10	2	23	16	0	4	157	59
Moderate														
mean	16.9	13.2	14	8.8	2.2	0.2	1	1.5	1	3.8	9.5	12.8	84.8	78.6
max	28	26	23	22	13	3	21	29	6	15	25	21	141	116
min	7	5	0	0	0	0	0	0	0	0	0	2	54	53
High														
mean	2.9	4	2.2	0.3	0	0	0	0	0	0	0.5	1.2	11.3	11.4
max	11	19	19	3	0	0	0	0	1	0	10	8	45	43
min	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Very High														
mean	0.6	0.8	0.2	0	0	0	0	0	0	0	0	0	1.7	1.7
max	5	7	4	0	0	0	0	0	0	0	0	0	12	12
min	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Extreme														
mean	0.1	0.2	0.1	0	0	0	0	0	0	0	0	0	0.5	0.5
max	3	3	2	0	0	0	0	0	0	0	1	1	10	8
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	1	0	0	0	0	0	0	0	0	0	0	0	1	1
min	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Grass Fire Danger Class (GFDC) Frequency														
Curing source Auckland (Mainland)														
Curing%	75	80	80	60	40	40	30	40	45	50	65	70		
Low														
mean	3	3.2	4.1	6.5	12	13.5	17.1	13.1	9	7.5	4.9	4.7	98.6	34
max	9	8	11	16	22	23	28	24	18	17	15	10	134	51
min	0	0	0	2	5	0	0	0	3	0	0	1	41	17
Moderate														
mean	17.6	12.8	16.6	23.2	18.6	16.2	13.9	17.8	20.8	23.1	23.6	22.8	227.1	138.9
max	27	23	23	27	26	30	31	31	27	31	29	29	268	166
min	8	3	7	14	9	7	3	7	12	14	15	16	196	112
High														
mean	10	11.5	10	0.3	0.3	0.2	0	0	0.2	0.4	1.5	3.5	38	37.9
max	18	23	23	2	3	3	1	1	5	4	6	11	71	68
min	2	2	0	0	0	0	0	0	0	0	0	0	13	15
Very High														
mean	0.5	0.6	0.2	0	0	0	0	0	0	0	0	0	1.4	1.4
max	4	4	3	0	0	0	0	0	1	0	0	1	10	9
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	0	1	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
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	3.8	4.3	5.7	7.5	12.4	14.5	16.6	14.3	10.6	9.2	6.2	6.3	111.5	43
max	10	12	12	15	22	22	28	24	19	16	15	12	146	57
min	0	0	2	2	4	0	0	0	4	2	0	2	51	23
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	1.2	2.1	2.1	3.5	4.2	3.8	3.9	4.4	3.4	3.1	2.1	2.1	36	16.3
max	5	5	6	9	9	8	8	8	8	6	6	6	47	23
min	0	0	0	0	1	0	0	1	0	0	0	0	16	6
Very High														
mean	3	2.3	3.1	4.3	5.2	5.7	4.8	5	5.8	5.1	4.7	3.5	52.5	26.3
max	8	7	5	9	11	14	9	9	11	10	8	8	75	40
min	1	0	0	1	0	1	1	1	1	1	0	0	38	15
Extreme														
mean	11.1	8.2	11.2	10.8	7.5	4.9	4.4	5.7	8.1	10	10.8	12	104.8	73.2
max	25	15	22	19	21	15	20	14	14	18	16	22	130	104
min	4	3	3	4	1	0	0	0	2	4	4	5	80	50

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Very Extreme														
mean	11.9	11.3	9	3.8	1.6	1	1.4	1.6	2.1	3.6	6.2	7	60.5	53.4
max	22	23	22	13	6	3	7	6	9	11	16	16	119	93
min	4	2	0	0	0	0	0	0	0	0	0	1	22	25