

**Spring Burn Window Conditions** are illustrated. All curing values are 100% (all veg is dry). Varying temperatures of 50, 60, and 70 F, using 20 and 30% relative humidity, across winds ranging 5-30 mph. GFDI ratings of Very High and Extreme signaling a no-burn day in resolution preclude winds greater than 20 mph coming into play under spring burn window conditions.

Temp (F)	Temp (C)	RH (%)	Wind Speed (MPH)	Wind Speed (km/hr)	Curing (%)	GFDI	GFDI RATING
50	10	20	5	8.04672	100	3.106032163	MODERATE
50	10	20	10	16.09344	100	6.605570764	MODERATE
50	10	20	15	24.14016	100	11.78600932	HIGH
50	10	20	20	32.18688	100	19.20234895	HIGH
50	10	20	25	40.2336	100	29.52019095	VERY HIGH
50	10	20	30	48.28032	100	43.5479236	VERY HIGH
60	15.55555556	20	5	8.04672	100	3.62183091	MODERATE
60	15.55555556	20	10	16.09344	100	7.702515335	MODERATE
60	15.55555556	20	15	24.14016	100	13.74323594	HIGH
60	15.55555556	20	20	32.18688	100	22.3911593	VERY HIGH
60	15.55555556	20	25	40.2336	100	34.42241883	VERY HIGH
60	15.55555556	20	30	48.28032	100	50.77964666	EXTREME
70	21.11111111	20	5	8.04672	100	4.22328503	MODERATE
70	21.11111111	20	10	16.09344	100	8.981622422	HIGH
70	21.11111111	20	15	24.14016	100	16.02548658	HIGH
70	21.11111111	20	20	32.18688	100	26.10951484	VERY HIGH
70	21.11111111	20	25	40.2336	100	40.13872811	VERY HIGH
70	21.11111111	20	30	48.28032	100	59.21229536	EXTREME
50	10	30	5	8.04672	100	2.488562289	LOW
50	10	30	10	16.09344	100	5.292403116	MODERATE
50	10	30	15	24.14016	100	9.442986033	HIGH
50	10	30	20	32.18688	100	15.3849796	HIGH
50	10	30	25	40.2336	100	23.65166556	VERY HIGH
50	10	30	30	48.28032	100	34.89072706	VERY HIGH
60	15.55555556	30	5	8.04672	100	2.901821792	LOW
60	15.55555556	30	10	16.09344	100	6.171278398	MODERATE
60	15.55555556	30	15	24.14016	100	11.01112187	HIGH
60	15.55555556	30	20	32.18688	100	17.93986402	HIGH
60	15.55555556	30	25	40.2336	100	27.57934526	VERY HIGH
60	15.55555556	30	30	48.28032	100	40.68480527	VERY HIGH
70	21.11111111	30	5	8.04672	100	3.383708638	MODERATE
70	21.11111111	30	10	16.09344	100	7.196102835	MODERATE
70	21.11111111	30	15	24.14016	100	12.83966793	HIGH
70	21.11111111	30	20	32.18688	100	20.91902163	VERY HIGH
70	21.11111111	30	25	40.2336	100	32.1592694	VERY HIGH
70	21.11111111	30	30	48.28032	100	47.44106871	VERY HIGH

GFDI SCALE:

(L) LOW 0 TO 2  
(M) MODERATE 3 TO 7  
(H) HIGH 8 TO 19  
(V) VERY HIGH 20 TO 49  
(X) EXTREME 50+

**Summer Burn Window Conditions** are illustrated. All curing values are 70% (veg is past seed development). Varying temperatures of 80, 90, and 100 F, using 20 and 30% relative humidity, across winds ranging 5-30 mph. Even under considerably low relative humidity of 20-30% for this season, GFDI never approaches Very High (20). This is due to water held in the fuel.

Temp (F)	Temp (C)	RH (%)	Wind Speed (MPH)	Wind Speed (km/hr)	Curing (%)	GFDI	GFDI RATING
80	26.66666667	20	5	8.04672	70	0.854405911	LOW
80	26.66666667	20	10	16.09344	70	1.817057394	LOW
80	26.66666667	20	15	24.14016	70	3.242090071	MODERATE
80	26.66666667	20	20	32.18688	70	5.282173395	MODERATE
80	26.66666667	20	25	40.2336	70	8.120400668	HIGH
80	26.66666667	20	30	48.28032	70	11.97914297	HIGH
90	32.22222222	20	5	8.04672	70	0.996291595	LOW
90	32.22222222	20	10	16.09344	70	2.118804407	LOW
90	32.22222222	20	15	24.14016	70	3.780483077	MODERATE
90	32.22222222	20	20	32.18688	70	6.159349893	MODERATE
90	32.22222222	20	25	40.2336	70	9.46890328	HIGH
90	32.22222222	20	30	48.28032	70	13.96844205	HIGH
100	37.77777778	20	5	8.04672	70	1.161739321	LOW
100	37.77777778	20	10	16.09344	70	2.470660601	LOW
100	37.77777778	20	15	24.14016	70	4.408283541	MODERATE
100	37.77777778	20	20	32.18688	70	7.182193439	MODERATE
100	37.77777778	20	25	40.2336	70	11.04134303	HIGH
100	37.77777778	20	30	48.28032	70	16.28809121	HIGH
80	26.66666667	30	5	8.04672	70	0.68455258	LOW
80	26.66666667	30	10	16.09344	70	1.455831836	LOW
80	26.66666667	30	15	24.14016	70	2.597572293	LOW
80	26.66666667	30	20	32.18688	70	4.232093173	MODERATE
80	26.66666667	30	25	40.2336	70	6.506089381	MODERATE
80	26.66666667	30	30	48.28032	70	9.597725293	HIGH
90	32.22222222	30	5	8.04672	70	0.798231816	LOW
90	32.22222222	30	10	16.09344	70	1.697592448	LOW
90	32.22222222	30	15	24.14016	70	3.028934385	MODERATE
90	32.22222222	30	20	32.18688	70	4.934889615	MODERATE
90	32.22222222	30	25	40.2336	70	7.58651372	MODERATE
90	32.22222222	30	30	48.28032	70	11.19155769	HIGH
100	37.77777778	30	5	8.04672	70	0.93078903	LOW
100	37.77777778	30	10	16.09344	70	1.979500687	LOW
100	37.77777778	30	15	24.14016	70	3.53193	MODERATE
100	37.77777778	30	20	32.18688	70	5.754394934	MODERATE
100	37.77777778	30	25	40.2336	70	8.846357166	HIGH
100	37.77777778	30	30	48.28032	70	13.05006755	HIGH

GFDI SCALE:

(L) LOW	0 TO 2
(M) MODERATE	3 TO 7
(H) HIGH	8 TO 19
(V) VERY HIGH	20 TO 49
(X) EXTREME	50+