

ELEMENT 7	PRESCRIPTION: Environmental Parameters			
PROJECT NAME				
UNIT NAME(s)				
Description of Environmental Parameters Needed to Produce Desired Fire Behavior Fuel Models GR5, TU3 and 7 for dormant season and 2 and SH9 for growing season depending on age of rough	Sandhills Community Type			
	Dormant Season		Growing Season	
	Low End Fire Intensity	High End Fire Intensity	Low End Fire Intensity	High End Fire Intensity
	See Matrices below for suitable Go/No-Go Conditions			
TEMPERATURE (°F)	35	80	55	95
RELATIVE HUMIDITY (%)	99	20	99	25
20 FT. WINDSPEED	5	25	5	25
WIND DIRECTION	Variable-See Matrix			
CLOUD COVER	100	0	100	0
DAYS SINCE RAIN	Variable-See Matrix			
KBDI (SOIL MOISTURE)	0	550	0	550
1 HOUR FUEL MOISTURE	14	4	14	4
10 HOUR FUEL MOISTURE	15	10	15	10
100 HOUR FUEL MOISTURE	25	15	25	15
DISPERSION INDEX	≥20		≥20	
MIXING HEIGHT	>1,500		>1,500	
TRANSPORT WINDSPEED	>5 mph		>5 mph	
<u>Suitable Go/No-Go Conditions can be found within the following matrices.</u> <u>** Combinations of the most extreme values of the above variables may result in undesired fire behavior and results.**</u> <u>Combination of environmental parameters in the yellow, orange, or blue portions of appropriate matrix requires written justification on the daily Go/No-Go Checklist.</u>				