Bureau of Indian Affairs
Fire Occurrence Reporting System – User's Guide

APPENDIX J: Fuel Models

PART 3: FBPS/NFDRS Fuel Model "Crosswalk"

The following table was excerpted from: Hal E. Anderson; "Aids to Determining Fuels Models for Estimating Fire Behavior"; General Technical Report, INT-122; USDA Forest Service, Intermountain Forest and Range Experiment Station; Odgen, UT; April 1982; p. 18.

PHYSICAL DESCRIPTION SIMILARITY CHART OF NFDRS AND FBO FUEL MODELS

NFDRS MODELS REALINED TO FUELS CONTROLLING SPREAD UNDER SEVERE BURNING CONDITIONS

NFDRS FUEL MODELS	FIRE BEHAVIOR FUEL MODELS													
	1	2	3	4	5	6	7	8	9	10	11	12	13	
A W. ANNUALS	X													GRASS
L W. PERENNIAL	X													GRASS
S TUNDRA	X					3rd			2nd					GRASS
C OPEN PINE W/GRASS		X							2nd					GRASS
T SAGEBRUSH W/GRASS		X			3rd	2nd								GRASS
N SAWGRASS			X											GRASS
B MATURE BRUSH (6FT)				X										SHRUB
O HIGH POCOSIN				X										SHRUB
F INTER. BRUSH					2nd	X								SHRUB
Q ALASKA BLACK SPRUCE						X	2nd							SHRUB
D SOUTHERN ROUGH						2nd	X							SHRUB
H SRT- NDL CLSD. NORMAL DEAD								X						TIMBER
R HRWD. LITTER (SUMMER)								X						TIMBER
U W. LONG- NDL PINE									X					TIMBER
P SOUTH, LONG- NDL PINE									X					TIMBER
E HRWD. LITTER (FALL)									X					TIMBER
G SRT- NDL CLSD. HEAVY DEAD										X				TIMBER
K LIGHT SLASH											X			SLASH
J MED. SLASH												X		SLASH
I HEAVY SLASH													X	SLASH
	GRASS				SHRUB			TIMBER			SLASH			

Figure 3. — Similarity chart to aline physical descriptions of fire danger rating fuel models with fire behavior fuel models.