

**Bureau of Reclamation
Fire Occurrence Reporting System – User’s Guide**

APPENDIX D: 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 REALIGNED 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												
L W. PERENNIAL	X												
S TUNDRA	X					3rd			2nd				
C OPEN PINE W/GRASS		X							2nd				
T SAGEBRUSH W/GRASS		X			3rd	2nd							
N SAWGRASS			X										
B MATURE BRUSH (6FT)				X									
O HIGH POCOSIN				X									
F INTER. BRUSH					2nd	X							
Q ALASKA BLACK SPRUCE						X	2nd						
D SOUTHERN ROUGH						2nd	X						
H SRT-NDL CLSD. NORMAL DEAD								X					
R HRWD. LITTER (SUMMER)								X					
U W. LONG-NDL PINE									X				
P SOUTH, LONG-NDL PINE									X				
E HRWD. LITTER (FALL)									X				
G SRT-NDL CLSD. HEAVY DEAD										X			
K LIGHT SLASH											X		
J MED. SLASH												X	
I HEAVY SLASH													X

GRASS

SHRUB

TIMBER

SLASH

GRASS SHRUB TIMBER SLASH

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