

DAYTIME SMOKE MANAGEMENT COMPLEXITY WORKSHEET

This worksheet is a guide for determining the complexity of a smoke management situation. Knowing the complexity can help determine the appropriate level of smoke screening required for a burn. This worksheet only deals with daytime, active burning portion of a burn; not residual burning/smoldering or nighttime conditions.

Acres in Flaming Combustion Stage per hour

FDUA ^ A ACB ^

CB ^

GDO [^ & c a A ~ | a a } A A a q * A { a ~ c } A c a ^ A | A ~ | }

P [~ |

HD O a a A F D a ^ A G D

CB ^ P [~ |

Q D U ^ | ^ & o c a ~ ^ A a e ^ a A } A G D

AAA A I E A C B ^ P [~ | A M E

AAA I E I E A C B ^ P [~ | A M F

AAA N A I E A C B ^ P [~ | A M G

U & I ^ _____

Fuel Load Consumed

AAA A A [] ^ A ^ A C B ^ A M E

AAA I A [] ^ A ^ A C B ^ A M F

AAA N A A [] ^ A ^ A C B ^ A M G

U & I ^ _____

Topography

Q a e | | a a A a O [A a } a a a o A [] [* | a @ A a O A E A q ^ A [, , } a a A A O A ~ | } A } a M E

Q a e | | a a A a O [A a } a a a o A [] [* | a @ A a O A E A q ^ A [, , } a a A A O A ~ | } A } a M F

O ~ | } A } a a A a } a a a o A [] [* | a @ A M G

U & I ^ _____

Ambient Air Quality (based on AQI) <http://www.airnow.gov/>

AAA O [[a A M E

AAA I [a ~ a e A M G

AAA U @ | A M DO NOT BURN

AAA

U & I ^ _____

Atmospheric Dispersion (LDAF Fire Weather Site)

<http://www.ldaf.louisiana.gov/portal/Offices/Forestry/DailyFireWeather/tabid/238/Default.aspx>

AAA O [[a O a] ^ | ^ q } A M E

AAA O B & ^] a a | ^ O a] ^ | ^ q } A M F

AAA U [[! O a] ^ | ^ q } A M DO NOT BURN

U & I ^ _____

Wildland-Urban Interface (WUI)

P [A | a a A e ^ a A a O [A e A q ^ A [, , } a a A A ~ | } A a A M E

O ~ | } A } a A [O A | a a A e ^ a A a O [A e A q ^ A [, , } a a A M F

O ~ | } A } a A a O [A e A W A e ^ a M DO NOT BURN , a O ~ O Y W A U { [\ ^ A U & ^ } a * A U ~ c { A O c a e a a }

U & I ^ _____

V [a e _____

Score Evaluation

E E G C a O [A a a a a a A | { ^ } O A ^ & a a * A A & | ^ A A G D M S I , A { } | ^ c a A { [\ ^ A a e a a }

H E A C a O [A [| ^ A O a A [A | { ^ } O A ^ & a a * A A & | ^ A A G D M F [a ~ a e A { } | ^ c a A { [\ ^ A a e a a }

I E A M P a O { } | ^ c a A { [\ ^ A a e a a }