

Colorado APCD Prescribed Fire Smoke Permits

Forms Hover Hints

This document lists all of the hover hints in Colorado’s prescribed fire smoke forms. It matches the information that appears when one hovers a cursor over an electronic version of a form. It is provided primarily for when a person has access only to a paper copy of a form.

If hover hints don’t appear in the document on your computer in Word 2007, go to word options, display, and check “show document tooltips on hover.”

I. **Application** for piles (Form A) and broadcast (Form B)

Field Name on Application	Hint or instruction
Forms Hover Hints	Linked to this document
Allocation of Split Bill	If multiple agencies to be billed, indicate % for each. Otherwise, leave blank and the administrative unit or landowner listed will be billed 100%. Linked to http://www.colorado.gov/cs/Satellite/CDPHE-AP/CBON/1251610517676
Renewal?	No, or the old permit number
Administrative unit ID(s)	USFS & CSFS include also district or zone. Private landowner use PVT. Linked to http://www.colorado.gov/airquality/smoke_docs.aspx?action=open&file=AgencyIDs.pdf
Email	If you are a returning customer and your email, cell phone and address are unchanged you may skip those boxes.
significant users of prescribed fire	Linked to http://www.colorado.gov/cs/Satellite/CDPHE-AP/CBON/1251611239942
Does the landowner own or manage ≥10,000 acres in Colorado?	Complete only if land is privately owned. Linked to http://www.colorado.gov/cs/Satellite/CDPHE-AP/CBON/1251611239942
Street Address of Project	If different than contact person’s address.
Minimum Elevation	Only for Adams, Arapaho, Boulder, Broomfield,

Field Name on Application	Hint or instruction
	Denver, Douglas and/or Jefferson County Linked to http://www.colorado.gov/airquality/smoke_docs.aspx?action=open&file=ParticulateAlertsAndPrescribedBurns.pdf
Smoke Receptors	Examples: Town, Subdivision, Class I airshed
[Receptor] Direction from Burn	Compass direction or degrees
[Receptor] Time(s) of Concern	Day=D, Night=N, Both=B
Miles to nearest occupied home (piles)	In tenths of miles if ≤ 1.0 miles.
Miles to nearest occupied home (broadcast)	In tenths of miles if ≤ 2.5 miles.
mitigated distance	If a person in every home within the relevant distance is contacted individually before burning, either in person or by a 2-way phone conversation, and none of the people in a contacted household has unmitigated health concerns related to smoke, then note the distance to the nearest home not contacted.
APCD's smoke sensitive areas map (broadcast)	If unsure, note in narrative and APCD will check. Linked to http://www.colorado.gov/airquality/smoke_docs.aspx?action=open&file=SmokeSensAreasMapColo.pdf
Purposes of project	Check all that apply.
techniques	Check all that apply.
Pile dimensions (piles)	Typical dimensions, except dimensions for each pile if piles > 25,000 ft ³ each
Avg. Ft³ per Pile (piles)	Link to http://www.colorado.gov/airquality/smoke_docs.aspx?action=open&file=PileVolumeCalculator.xls
Logs ≥ 3" diameter as % of wood volume (piles)	May round to the nearest 10%
Brief description of fuels	Also, if applicable, describe any mechanical treatment

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(broadcast)	that has or will occur before burning.
Method(s) used to estimate fuel loads (broadcast)	If photo series is used, include title and site number(s). Linked to http://www.colorado.gov/cs/Satellite/CDPHE-AP/CBON/1251611163082
load (broadcast)	Note in narrative any major fuels variations within the project, including between units. Linked to http://www.colorado.gov/cs/Satellite/CDPHE-AP/CBON/1251611163082
Grass & forbs and Woody shrubs (broadcast)	Linked to http://www.colorado.gov/cs/Satellite/CDPHE-AP/CBON/1251611163082
Requested wind directions (piles)	Specify if needed. Define wind directions to precision of no more than 2 letters and listed clockwise. Linked to http://www.colorado.gov/airquality/smoke_docs.aspx?action=open&file=WorksheetPileSmoke.pdf
Requested wind directions (broadcast)	Most projects should have wind direction constraints. See worksheet for exceptions. Specify wind directions to precision of no more than 2 letters and listed clockwise. Linked to http://www.colorado.gov/airquality/smoke_docs.aspx?action=open&file=WorksheetBroadcastSmoke.pdf
Conditions category (piles)	Examples: 1c, 2b Linked to http://www.colorado.gov/airquality/smoke_docs.aspx?action=open&file=WorksheetPileSmoke.pdf
Public Outreach	test: How could a person with health sensitivity to smoke reasonably find out about this project and have enough lead time to call a specific person to discuss their needs?
Smoke Contingency	If unacceptable smoke impacts occur, what actions will be taken?
Conditions category (broadcast)	Examples: 1a rural, 2b sensitive Linked to http://www.colorado.gov/airquality/smoke_docs.aspx?a

Field Name on Application	Hint or instruction
	ction=open&file=WorksheetBroadcastSmoke.pdf
Other notes or consideration	Optional additional considerations or notes, which may include actions that will be taken in order to minimize the likelihood of unacceptable smoke impacts
smoke planning map (broadcast)	A smoke planning map should show expected path of lofted (acceptable wind directions + 30°) and night (drainage) smoke out 10-25 miles. For <50% of standard acres & at least 2 miles from homes, maps may be omitted.
categories (broadcast)	Linked to http://www.colorado.gov/airquality/smoke_docs.aspx?action=open&file=WorksheetBroadcastSmoke.pdf
Application for non-standard conditions	Link to http://www.colorado.gov/airquality/smoke_docs.aspx?action=open&file=NonStandardPermitsGuidance.pdf
Applicant signature	Applications may be considered as signed if sent to APCD from a government agency email address or emailed from other long-standing permittees. Otherwise please fax or snail mail a signature copy even if you also email the application for faster processing.
standard permit conditions (piles)	Linked to http://www.colorado.gov/airquality/smoke_docs.aspx?action=open&file=WorksheetPileSmoke.pdf
standard permit conditions (broadcast)	Linked to http://www.colorado.gov/airquality/smoke_docs.aspx?action=open&file=WorksheetBroadcastSmoke.pdf
pile worksheet (piles)	Linked to http://www.colorado.gov/airquality/smoke_docs.aspx?action=open&file=WorksheetPileSmoke.pdf
broadcast worksheet (broadcast)	Linked to http://www.colorado.gov/airquality/smoke_docs.aspx?action=open&file=WorksheetBroadcastSmoke.pdf
significant users of prescribed fire	Linked to http://www.colorado.gov/cs/Satellite/CDPHE-AP/CBON/1251611239942
are billed	Linked to http://www.colorado.gov/cs/Satellite/CDPHE-AP/CBON/1251610517676

Field Name on Application	Hint or instruction
contact us	Linked to http://www.colorado.gov/cs/Satellite/CDPHE-AP/CBON/1251610086554

II. Daily Activity Report Form E

Field Name on Activity Report	Hint or instruction
Terms Definitions	Link to (piles) http://www.colorado.gov/airquality/smoke_docs.aspx?action=open&file=WorksheetPileSmoke.pdf or (broadcast) http://www.colorado.gov/airquality/smoke_docs.aspx?action=open&file=WorksheetBroadcastSmoke.pdf
Time Ignition Began	All times are to closest 1/4 hour.
Reason (cancelled)	Optional
Permitted Weather	http://www.colorado.gov/airquality/smoke_docs.aspx?action=open&file=VentForecast.pdf
Ventilation	Day's most favorable forecasted dispersion adjective
Acres Burned	Day's actual total black perimeter
Creep	Check if you are not reporting any additional ignition by people but instead are reporting >10 ac of spread that resulted from a previous day's ignition.
(Fuel Type) % of Acres	Portion of perimeter acres. Must total 100%.
Fuel Load	tons/acre
Unburned	any species with any fuel load
Average volume per pile	in ft ³
Comments	Optional. Examples: Description of smoke transport, fuel conditions relevant to smoke, extent and location of even mild smoke impacts, etc. Also, if ignition ended later than permitted, explain here.

Related Documents

Pile Burn pile worksheet	Broadcast Burn broadcast worksheet
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pile application	broadcast application
pile non-standard supplement	broadcast non-standard supplement

Basic instructions are embedded in the forms as hover hints and should suffice for most burns. The [hints are available also as a .pdf](#) (this document).

[Detailed Instructions for Smoke Application Forms](#). Not needed for most basic permit applications

[Glossary](#). Consolidated list of terms specific to Colorado's smoke program. Each term's definition also appears in some other place where the term is used.

[Guidance for Non-Standard Permits](#). For experienced burn bosses working with especially complex projects

Smoke program [manual](#). Addresses in detail formal requirements, program concepts, and background about individual permit conditions. The manual might be useful if you have a specific question or are terribly interested in Colorado's smoke program.