

Draft NWCG Data Standards for DAWG Review
3/3/2008

FIRE CAUSE CATEGORY CODE
FIRE CAUSE KIND CODE
FIRE CONTROL DATE
FIRE CONTROL TIME
FIRE RESOURCE CATEGORY
FIRE RESOURCE KIND
FIRE RESOURCE TYPE
INITIAL FIRE STRATEGY
INITIAL FIRE STRATEGY MET
INITIAL RESPONSE RESOURCE QUANTITY
LAND OWNER CATEGORY
LAND OWNER KIND
LOCAL FIRE REPORT IDENTIFIER
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RESIDENCES DESTROYED
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SPECIAL LAND DESIGNATION
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UNIQUE FIRE REPORT IDENTIFIER
WILDLAND URBAN INTERFACE INDICATOR

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Explanation of the Meta-data Definition Format

NWCG Data Standard Meta-data Definition

Status: Draft Proposal Approved

Date: 2008-02-28

Name		
Data Attribute Name	FIRE CAUSE CATEGORY CODE	
Abbreviation	<i>FIRE CAUSE CATEGORY</i>	
Contacts		
Data Stewardship Group (NWCG Working Team or Associated Group)	<i>FORS Task Group</i>	
Data Steward	<i>Tom Wordell</i>	
Source Reference	<i>NWCG Glossary of Wildland Fire Terminology (PMS 205) NWCG Wildland Fire Investigation WT NWCG Wildland Fire Education WT</i>	
System of Record		
Custodian		
Definition		
Description	The detailed categorization describing the primary source of the fire's ignition. Fire cause categories are used primarily to assist with prevention and investigation issues.	
	Data Exchange Standards	Data Entry Guidelines
Length	<i>Maximum: 60 Minimum: 1</i>	<i>Maximum: 60 Minimum: 1</i>
Data Type	<i>Alpha including spaces, commas, apostrophes, hyphens and /</i>	<i>Alpha including spaces, commas, apostrophes, hyphens and /</i>
Case Sensitivity	<i>Mixed</i>	<i>Mixed</i>
Format	<i>X(60)</i>	<i>X(60)</i>
Example	<i>Electric Production/Transmission/Distribution Equipment</i>	<i>Electric Production/Transmission/Distribution Equipment</i>
Business Rules		
<i>1. Fire Cause Category needs to be paired with a valid Fire Cause Kind.</i>		

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Name		
Data Attribute Name	FIRE CAUSE KIND CODE	
Abbreviation	<i>FIRE CAUSE KIND</i>	
Contacts		
Data Stewardship Group (NWCG Working Team or Associated Group)	<i>FORS Task Group</i>	
Data Steward	<i>Tom Wordell</i>	
Source Reference	<i>NWCG Glossary of Wildland Fire Terminology (PMS 205) NWCG Wildland Fire Investigation Working Team NWCG Wildland Fire Education Working Team</i>	
System of Record		
Custodian		
Definition		
Description	Broad classifications that describe how a fire started or set the stage for its occurrence. For statistical purposes, fires are grouped into broad cause classifications.	
	Data Exchange Standards	Data Entry Guidelines
Length	<i>Maximum: 25 Minimum: 1</i>	<i>Maximum: 25 Minimum: 1</i>
Data Type	<i>Alpha including spaces and /</i>	<i>Alpha including spaces and /</i>
Case Sensitivity	<i>Mixed</i>	<i>Mixed</i>
Format	<i>X(25)</i>	<i>X(25)</i>
Example	<i>Debris/Vegetation</i>	<i>Debris/Vegetation</i>
Business Rules		
<p><i>1. Fire Cause Kind can stand-alone but Fire Cause Category needs to be paired with a valid fire cause kind.</i></p> <p><i>2. If a child or juvenile was found to be involved in starting the fire, children or juveniles should be used as the Fire Cause Kind.</i></p>		

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Name		
Data Attribute Name	FIRE CONTROL DATE	
Abbreviation		
Contacts		
Data Stewardship Group (NWCG Working Team or Associated Group)	FORS Task Group	
Data Steward	Tom Wordell	
Source Reference	NWCG Date Standard	
System of Record		
Custodian		
Definition		
Description	<p>The date that the wildfire was declared under control.</p> <p>NWCG glossary defines controlled as: The completion of control line around a fire, any spot fires therefrom, and any interior islands to be saved; burned out any unburned area adjacent to the fire side of control lines; and cool down all hot spots that are immediate threats to the control line, until the lines can be reasonably expected to hold under the foreseeable conditions</p>	
	Data Exchange Standards	Data Entry Guidelines
Length	Maximum: Minimum:	Maximum: 10 Minimum: 10
Data Type	date	
Case Sensitivity	n/a	
Format	yyyy-mm-dd, mm/dd/yyyy	
Example	See NWCG Date Standard	2007-07-21, 07/21/2007 = July 21, 2007
Business Rules		
<ol style="list-style-type: none"> 1. Must be reported in conjunction with the Fire Control Time. 2. This applies only to wildfires, not to prescribed or Wildland Fire Use fires. 		

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Name		
Data Attribute Name	FIRE CONTROL TIME	
Abbreviation		
Contacts		
Data Stewardship Group (NWCG Working Team or Associated Group)	FORS Task Group	
Data Steward	Tom Wordell	
Source Reference	NWCG Time Standard - draft	
System of Record		
Custodian		
Definition		
Description	<p>The time that the wildfire was declared under control.</p> <p>NWCG glossary defines controlled as: The completion of control line around a fire, any spot fires therefrom, and any interior islands to be saved; burned out any unburned area adjacent to the fire side of control lines; and cool down all hot spots that are immediate threats to the control line, until the lines can be reasonably expected to hold under the foreseeable conditions.</p>	
	Data Exchange Standards	Data Entry Guidelines
Length	Maximum: Minimum:	Maximum: 5 Minimum: 5
Data Type	time	
Case Sensitivity	n/a	
Format	hh:mm	
Example	See NWCG Time Standard	23:10 or 11:10 = the tenth minutes of the twenty-third hour, hh = the hour of the day and mm = the minutes within the hour
Business Rules		
<ol style="list-style-type: none"> 1. Must be reported in conjunction with the Fire Control Date. 2. This applies only to wildfires, not to prescribed or Wildland Fire Use fires. 3. Time may be entered in 12hr or 24hr format and use local or UTC to designate time zone, but stored in 24hr UTC format. 		

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Name		
Data Attribute Name	FIRE RESOURCE CATEGORY	
Abbreviation		
Contacts		
Data Stewardship Group (NWCG Working Team or Associated Group)	<i>FORS Task Group</i>	
Data Steward	<i>Tom Wordell</i>	
Source Reference	<i>NWCG Glossary of Wildland Fire Terminology (PM-205) Fireline Handbook ROSS lookup tables</i>	
System of Record		
Custodian		
Definition		
Description	Fire Resource Category is the intermediate classification of operational resources available to respond to a fire.	
	Data Exchange Standards	Data Entry Guidelines
Length	<i>Maximum: 25 Minimum: 1</i>	<i>Maximum: 25 Minimum: 1</i>
Data Type	<i>Alpha including spaces</i>	<i>Alpha including spaces</i>
Case Sensitivity	<i>Mixed</i>	<i>Mixed</i>
Format	<i>X(25)</i>	<i>X(25)</i>
Example	<i>Fixed Wing</i>	<i>Fixed Wing</i>
Business Rules		
1. <i>Must be associated with Fire Resource Kind</i>		
2. <i>Fire Resource Type may or may not be listed in conjunction with Fire Resource Category.</i>		

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Name		
Data Attribute Name	FIRE RESOURCE KIND	
Abbreviation		
Contacts		
Data Stewardship Group (NWCG Working Team or Associated Group)	<i>FORS Task Group</i>	
Data Steward	<i>Tom Wordell</i>	
Source Reference	<i>NWCG Glossary of Wildland Fire Terminology (PM-205) Fireline Handbook ROSS lookup tables</i>	
System of Record		
Custodian		
Definition		
Description	Fire Resource Kind is the most general classification of operational resources available to respond to a fire.	
	Data Exchange Standards	Data Entry Guidelines
Length	<i>Maximum: 10 Minimum: 1</i>	<i>Maximum: 10 Minimum: 1</i>
Data Type	<i>Alpha</i>	<i>Alpha</i>
Case Sensitivity	<i>Mixed</i>	<i>Mixed</i>
Format	<i>X(10)</i>	<i>X(10)</i>
Example	<i>Equipment</i>	<i>Equipment</i>
Business Rules		
<i>None identified.</i>		

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Name		
Data Attribute Name	FIRE RESOURCE TYPE	
Abbreviation		
Contacts		
Data Stewardship Group (NWCG Working Team or Associated Group)	<i>FORS Task Group</i>	
Data Steward	<i>Tom Wordell</i>	
Source Reference	<i>NWCG Glossary of Wildland Fire Terminology (PM-205) Fireline Handbook ROSS lookup tables</i>	
System of Record		
Custodian		
Definition		
Description	<p>Fire Resource Type is the most specific classification of operational resources available to respond to a fire.</p> <p>This classification will utilize NWCG defined Types (or aggregations thereof), if they exist. If NWCG Types do not exist, then other non-NWCG listings may be utilized.</p>	
	Data Exchange Standards	Data Entry Guidelines
Length	<i>Maximum: 40 Minimum: 1</i>	<i>Maximum: 40 Minimum: 1</i>
Data Type	<i>Alpha-Numeric including hyphen, comma, colon, space, and parentheses</i>	<i>Alpha-Numeric including hyphen, comma, colon, space, and parentheses</i>
Case Sensitivity	<i>Mixed</i>	<i>Mixed</i>
Format	<i>X(40)</i>	<i>X(40)</i>
Example	<i>Type 3 Dozer</i>	<i>Type 3 Dozer</i>
Business Rules		
<i>1. Must be associated with Fire Resource Kind and Category.</i>		

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Name		
Data Attribute Name	INITIAL FIRE STRATEGY	
Abbreviation		
Contacts		
Data Stewardship Group (NWCG Working Team or Associated Group)	<i>FORS Task Group</i>	
Data Steward	<i>Tom Wordell</i>	
Source Reference	<i>NWCG Glossary of Wildland Fire Terminology (PMS 205)</i>	
System of Record		
Custodian		
Definition		
Description	<p>The fire strategy initially used on a wildland fire.</p> <p>NWCG Glossary of Wildland Fire Terminology (PMS 205) defines strategy as: The general plan or direction selected to accomplish incident objectives</p>	
	Data Exchange Standards	Data Entry Guidelines
Length	<i>Maximum: 3 Minimum: 2</i>	<i>Maximum: 3 Minimum: 2</i>
Data Type	<i>Alpha</i>	<i>Alpha</i>
Case Sensitivity	<i>Upper case</i>	<i>Upper Case</i>
Format	<i>XXX</i>	<i>XXX</i>
Example	<i>WFU</i>	<i>WFU</i>
Business Rules		
<i>1. This correlates to the Initial Fire Strategy Met element</i>		

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Name		
Data Attribute Name	INITIAL FIRE STRATEGY MET	
Abbreviation		
Contacts		
Data Stewardship Group (NWCG Working Team or Associated Group)	FORS Task Group	
Data Steward	Tom Wordell	
Source Reference		
System of Record		
Custodian		
Definition		
Description	Indicates whether the objectives for the initial fire strategy were attained. NWCG glossary defines strategy as: The general plan or direction selected to accomplish incident objectives	
	Data Exchange Standards	Data Entry Guidelines
Length	<i>Maximum: 1 Minimum: 1</i>	<i>Maximum: 1 Minimum: 1</i>
Data Type	<i>alpha</i>	
Case Sensitivity	<i>Upper Case</i>	
Format	<i>X</i>	
Example	<i>Y = Yes N = No</i>	<i>Y = Yes N = No</i>
Business Rules		
<p>1. This data element correlates to the Initial Fire Strategy element</p> <p>2. If initial strategy is IA: "Y" = successfully contained during first full operational period or beyond as long as fire complexity remains within IA commander capability</p> <p>3. If initial strategy is WFU: "Y" = successfully managed as WFU for duration of event.</p> <p>4. If initial strategy is RX: "Y" = successfully managed as prescribed fire for duration of event.</p>		

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Name		
Data Attribute Name	INITIAL RESPONSE RESOURCE QUANTITY	
Abbreviation		
Contacts		
Data Stewardship Group (NWCG Working Team or Associated Group)	FORS Task Group	
Data Steward	Tom Wordell	
Source Reference	NWCG Glossary of Wildland Fire Terminology (PMS 205) Fireline Handbook ROSS lookup tables	
System of Record		
Custodian		
Definition		
Description	<p>The total number of fire resources by kind, category, and type (if listed and applicable) used during the initial response.</p> <p>Initial response resources will only be counted during initial attack.</p> <p>Extended Attack Incidents are those which persist beyond the first full operational period where local resources are not sufficient and the complexity elevates beyond initial attack commander capability.</p>	
	Data Exchange Standards	Data Entry Guidelines
Length	Maximum: 3 Minimum: 0	Maximum: 3 Minimum: 0
Data Type	Integer	integer
Case Sensitivity	n/a	n/a
Format	999	999
Example	23	23
Business Rules		
<p>1. Must be associated with Fire Resource Kind, Category and Type (if provided).</p> <p>A. For Official Agency Fire Reporting:</p> <ol style="list-style-type: none"> 1. Quantity shall be completed for ALL initial response resources committed to the incident during the first full operational period. 2. Resources committed to the incident shall be counted even if the fire persists beyond the first full operational period as long as the fire complexity remains within IA commander capability. 3. For incidents exceeding IA commander capability resources committed after the first full operational period shall not be counted. <p>B. For SIT/209 Reporting:</p> <ol style="list-style-type: none"> 1. Quantity shall be completed for those fire resources (Kind, Category & Type) as identified in the SIT or ICS-209 reporting systems. 2. Fire Resource Quantity shall be reported in the SIT or ICS-209 systems as specified by User Guides for those systems. 		

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Name		
Data Attribute Name	LAND OWNER CATEGORY	
Abbreviation	<i>LAND OWNER CATEGORY</i>	
Contacts		
Data Stewardship Group (NWCG Working Team or Associated Group)	<i>FORS Task Group</i>	
Data Steward	<i>Tom Wordell</i>	
Source Reference		
System of Record		
Custodian		
Definition		
Description	More specific classification of land ownership within land owner kinds.	
	Data Exchange Standards	Data Entry Guidelines
Length	<i>Maximum: 7 Minimum: 3</i>	<i>Maximum: 7 Minimum: 3</i>
Data Type	<i>alpha</i>	<i>alpha</i>
Case Sensitivity	<i>Mixed</i>	<i>Mixed</i>
Format	<i>A(7)</i>	<i>A(7)</i>
Example	<i>Tribal, Private, BLM</i>	<i>Tribal, Private, BLM</i>
Business Rules		
<i>1. Land Owner Category must be paired with Land Owner Kind</i>		

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Name		
Data Attribute Name	LAND OWNER KIND	
Abbreviation	<i>LAND OWNER KIND</i>	
Contacts		
Data Stewardship Group (NWCG Working Team or Associated Group)	<i>FORS Task Group</i>	
Data Steward	<i>Tom Wordell</i>	
Source Reference		
System of Record		
Custodian		
Definition		
Description	Broadest classification of land ownership.	
	Data Exchange Standards	Data Entry Guidelines
Length	<i>Maximum: 7 Minimum: 5</i>	<i>Maximum: 7 Minimum: 3</i>
Data Type	<i>alpha</i>	<i>alpha</i>
Case Sensitivity	<i>Mixed</i>	<i>Mixed</i>
Format	<i>A(7)</i>	<i>A(7)</i>
Example	<i>Federal, Other, Private</i>	<i>Federal, Other, Private</i>
Business Rules		
<i>1. Land Owner Kind can be used alone or paired with Land Owner Category</i>		

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Name		
Data Attribute Name	LOCAL FIRE REPORT IDENTIFIER	
Abbreviation	<i>LOCAL FIRE REPORT ID</i>	
Contacts		
Data Stewardship Group (NWCG Working Team or Associated Group)	<i>FORS Task Group</i>	
Data Steward	<i>Tom Wordell</i>	
Source Reference		
System of Record		
Custodian		
Definition		
Description	A number or code that uniquely identifies an incident report for a particular reporting unit and a particular calendar year.	
	Data Exchange Standards	Data Entry Guidelines
Length	<i>Maximum: 10 Minimum: 6</i>	<i>Maximum: 10 Minimum: 1</i>
Data Type	<i>Alphanumeric with hyphens or periods</i>	<i>Alphanumeric with hyphens or periods</i>
Case Sensitivity	<i>n/a</i>	<i>n/a</i>
Format	<i>X(10)</i>	<i>X(10)</i>
Example	<i>000087, DK1E</i>	<i>000087, DK1E</i>
Business Rules		
<p>1. Every report must be assigned a LOCAL REPORT IDENTIFIER.</p> <p>2. A LOCAL REPORT IDENTIFIER must be assigned to only one report for a particular reporting unit and within a particular calendar year.</p> <p>3. As needed, leading zeroes should be padded to the LOCAL REPORT IDENTIFIER to fulfill the 6-character minimum length when fire report data is exchanged (exported).</p>		

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Name		
Data Attribute Name	LOCAL INCIDENT IDENTIFIER	
Abbreviation	<i>LOCAL INCIDENT ID</i>	
Contacts		
Data Stewardship Group (NWCG Working Team or Associated Group)	<i>FORS Task Group</i>	
Data Steward	<i>Tom Wordell</i>	
Source Reference		
System of Record		
Custodian		
Definition		
Description	A number or code that uniquely identifies an incident for a particular local fire management organization within a particular calendar year.	
	Data Exchange Standards	Data Entry Guidelines
Length	<i>Maximum: 10 Minimum: 6</i>	<i>Maximum: 10 Minimum: 1</i>
Data Type	<i>Alphanumeric with hyphens or periods</i>	
Case Sensitivity	<i>n/a</i>	
Format	<i>X(10)</i>	
Example	<i>000087, DK1E</i>	
Business Rules		
<p>1. Every fire must be assigned a LOCAL INCIDENT IDENTIFIER.</p> <p>2. A LOCAL INCIDENT IDENTIFIER must be assigned to only one fire for a particular local fire management organization and within a particular calendar year.</p> <p>3. As needed, leading zeroes should be padded to the LOCAL INCIDENT IDENTIFIER to fulfill the 6-character minimum length when fire report data is exchanged (exported).</p>		

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Name		
Data Attribute Name	MANAGEMENT COMPLEXITY LEVEL	
Abbreviation		
Contacts		
Data Stewardship Group (NWCG Working Team or Associated Group)	<i>FORS Task Group</i>	
Data Steward	<i>Tom Wordell</i>	
Source Reference	<i>Fireline Handbook (PMS-410-1) NWCG Prescribed Fire Complexity Rating System Guide, Interagency Prescribed Fire Planning and Implementation Procedures Reference Guide</i>	
System of Record		
Custodian		
Definition		
Description	The highest management level utilized to manage a fire event.	
	Data Exchange Standards	Data Entry Guidelines
Length	<i>Maximum: 25 Minimum: 1</i>	<i>Maximum: 25 Minimum: 1</i>
Data Type	<i>Alpha numeric including space</i>	<i>Alpha numeric including space</i>
Case Sensitivity	<i>Mixed</i>	<i>Mixed</i>
Format	<i>X(25)</i>	<i>X(25)</i>
Example	<i>Type 1 Prescribed Fire</i>	<i>Type 1 Prescribed Fire</i>
Business Rules		
<i>1. Management complexity level pertains to the fire event described in the fire report.</i>		
<i>1a. If the report describes an individual fire that became part of a complex, then the management complexity level applies to that individual fire.</i>		
<i>1b. If the report describes a complex of fires, then the management complexity level applies to the complex.</i>		

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Name		
Data Attribute Name	OTHER STRUCTURES DESTROYED	
Abbreviation		
Contacts		
Data Stewardship Group (NWCG Working Team or Associated Group)	FORS Task Group	
Data Steward	Tom Wordell	
Source Reference	ICS-209 Committee	
System of Record		
Custodian		
Definition		
Description	<p>The total number of structures, other than residences, destroyed as a result of the fire.</p> <p>Other structure is defined as a constructed building not designed for continuous human occupancy, such as barns, commercial buildings, etc.</p>	
	Data Exchange Standards	Data Entry Guidelines
Length	Maximum: 5 Minimum: 1	Maximum: 6 Minimum: 1
Data Type	integer	integer
Case Sensitivity	n/a	n/a
Format	9(5)	99,999
Example	0 to 99999	0 to 99,999
Business Rules		
<ol style="list-style-type: none"> 1. Other structures do not include powerpoles, fences, pipelines, bridges, etc. 2. Other structures destroyed is equivalent to other structures lost. 3. Report the cumulative number of other structures destroyed. For final fire reports, the number of other structures that are declared destroyed are those when the fire report is completed. For SIT/209 reports, the number of other structures that are declared destroyed are those at the time of submission. 4. Other structures destroyed are not counted as residences destroyed or residences threatened. 5. Other structures destroyed are also counted as other structures threatened. 		

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Name		
Data Attribute Name	OTHER STRUCTURES THREATENED	
Abbreviation		
Contacts		
Data Stewardship Group (NWCG Working Team or Associated Group)	FORS Task Group	
Data Steward	Tom Wordell	
Source Reference	ICS-209 Committee	
System of Record		
Custodian		
Definition		
Description	<p>The total number of structures, other than residences, threatened by the fire.</p> <p>Other structure is defined as a constructed building not designed for continuous human occupancy, such as barns, commercial buildings, etc.</p> <p>Other structures are threatened if they are at risk of loss or damage, or endangered during the course of the fire. This typically includes other structures subject to mandatory evacuation.</p>	
	Data Exchange Standards	Data Entry Guidelines
Length	<i>Maximum: 5 Minimum: 1</i>	<i>Maximum: 6 Minimum: 1</i>
Data Type	<i>integer</i>	<i>integer</i>
Case Sensitivity	<i>n/a</i>	<i>n/a</i>
Format	<i>9(5)</i>	<i>99,999</i>
Example	<i>0 to 99999</i>	<i>0 to 99,999</i>
Business Rules		
<ol style="list-style-type: none"> 1. <i>Other structure does not include powerpoles, fences, pipelines, bridges, etc.</i> 2. <i>Other structures threatened are not counted as other structures destroyed or residences threatened.</i> 3. <i>Report the cumulative number of other structures threatened. For final fire reports, the number of other structures that are declared threatened are those when the fire report is completed. For SIT/209 reports, the number of other structures that are declared threatened are those at the time of submission.</i> 4. <i>Other structures threatened equals other structures destroyed plus other structures saved.</i> 		

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NWCG Data Standard Meta-data Definition

Status: Draft Proposal Approved

Date: 2008-02-28

Name		
Data Attribute Name	POINT OF ORIGIN ACCURACY	
Abbreviation		
Contacts		
Data Stewardship Group (NWCG Working Team or Associated Group)	<i>FORS Task Group</i>	
Data Steward	<i>Tom Wordell</i>	
Source Reference		
System of Record		
Custodian		
Definition		
Description	<p>Description of the methods used to determine the certainty and precision of the fire location at the point of origin.</p> <p>Point of origin is the precise location where a competent ignition source came into contact with the material first ignited and sustained combustion occurred.</p>	
	Data Exchange Standards	Data Entry Guidelines
Length	<i>Maximum: 30 Minimum: 1</i>	<i>Maximum: 30 Minimum: 1</i>
Data Type	<i>Alpha with -</i>	<i>Alpha with -</i>
Case Sensitivity	<i>Mixed</i>	<i>Mixed</i>
Format	<i>Xxxx-Xxxx</i>	<i>Xxxx-Xxxx</i>
Example	<i>General - Corrected GPS</i>	<i>General - Corrected GPS</i>
Business Rules		
1. Point of origin accuracy must have a corresponding point of origin Longitude and Latitude value.		

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NWCG Data Standard Meta-data Definition

Status: Draft Proposal Approved

Date: 2008-02-28

Name		
Data Attribute Name	POINT OF ORIGIN LAND OWNER CATEGORY	
Abbreviation	<i>LAND OWNER CATEGORY</i>	
Contacts		
Data Stewardship Group (NWCG Working Team or Associated Group)	<i>FORS Task Group</i>	
Data Steward	<i>Tom Wordell</i>	
Source Reference	<i>NWCG Land Owner Category Standard - pending</i>	
System of Record		
Custodian		
Definition		
Description	<p>More specific classification of land ownership within land owner kinds identifying the owner at the point of origin at the time of the incident.</p> <p>Owner in the context of this data element refers to the agency or entity having the land management responsibility at the point of origin if they are not the legal owners. E.g. NPS may be the designated "owner" even though the US Federal Government holds title to the land.</p>	
	Data Exchange Standards	Data Entry Guidelines
Length	<i>Maximum:</i> <i>Minimum:</i>	<i>Maximum:</i> <i>Minimum:</i>
Data Type		
Case Sensitivity		
Format		
Example	<i>See NWCG Land Owner Category Standard</i>	<i>See NWCG Land Owner Category Standard</i>
Business Rules		
<i>1. Only one land owner exists at the point of origin.</i>		

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NWCG Data Standard Meta-data Definition

Status: Draft Proposal Approved

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Name		
Data Attribute Name	POINT OF ORIGIN LAND OWNER KIND	
Abbreviation	<i>LAND OWNER KIND</i>	
Contacts		
Data Stewardship Group (NWCG Working Team or Associated Group)	<i>FORS Task Group</i>	
Data Steward	<i>Tom Wordell</i>	
Source Reference	<i>NWCG Land Owner Kind Standard</i>	
System of Record		
Custodian		
Definition		
Description	Broad classification of land ownership at the point of origin.	
	Data Exchange Standards	
	<i>Maximum:</i>	<i>Minimum:</i>
	Data Entry Guidelines	
	<i>Maximum:</i>	<i>Minimum:</i>
Length	<i>Maximum:</i>	<i>Minimum:</i>
Data Type		
Case Sensitivity		
Format		
Example	<i>See NWCG Land Owner Kind Standard</i>	<i>See NWCG Land Owner Kind Standard</i>
Business Rules		
<i>1. Land owner kind is reported at the time of the incident.</i>		

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NWCG Data Standard Meta-data Definition

Status: Draft Proposal Approved

Date: 2008-02-28

Name		
Data Attribute Name	RESIDENCES DESTROYED	
Abbreviation		
Contacts		
Data Stewardship Group (NWCG Working Team or Associated Group)	FORS Task Group	
Data Steward	Tom Wordell	
Source Reference	ICS-209 Committee	
System of Record		
Custodian		
Definition		
Description	<p>The total number of residences destroyed, or damaged to an extent requiring rebuilding, as a result of the fire</p> <p>Residence is defined as a place where one lives; a house, apartment, or other shelter used as the residence of a person, family or household. This includes primary and secondary residences.</p>	
	Data Exchange Standards	Data Entry Guidelines
Length	Maximum: 5 Minimum: 1	Maximum: 6 Minimum: 1
Data Type	integer	integer
Case Sensitivity	n/a	n/a
Format	9(5)	99,999
Example	0 to 99999	0 to 99,999
Business Rules		
<ol style="list-style-type: none"> 1. Duplexes and apartments are counted as multiple residences. 2. A residence destroyed is equivalent to a home lost. 3. Report the cumulative number of residences destroyed. For final fire reports, the number of residences that are declared destroyed are those when the fire report is completed. For SIT/209 reports, the number of residences that are declared destroyed are those at the time of submission. 4. Residences destroyed are not counted as other structures destroyed or other structures threatened. 5. Residences destroyed are also counted as residences threatened. 		

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NWCG Data Standard Meta-data Definition

Status: Draft Proposal Approved

Date: 2008-02-28

Name		
Data Attribute Name	RESIDENCES THREATENED	
Abbreviation		
Contacts		
Data Stewardship Group (NWCG Working Team or Associated Group)	FORS Task Group	
Data Steward	Tom Wordell	
Source Reference	ICS-209 Committee	
System of Record		
Custodian		
Definition		
Description	<p>The total number of residences threatened by the fire.</p> <p>Residence is defined as a place where one lives; a house, apartment, or other shelter used as the residence of a person, family or household. This includes primary and secondary residences.</p> <p>Residences are threatened if they are at risk of loss or damage, or endangered during the course of the fire. This typically includes residences subject to mandatory evacuation.</p>	
	Data Exchange Standards	Data Entry Guidelines
Length	<i>Maximum: 5 Minimum: 1</i>	<i>Maximum: 6 Minimum: 1</i>
Data Type	<i>integer</i>	
Case Sensitivity	<i>n/a</i>	
Format	<i>9(5)</i>	
Example	<i>0 to 99999</i>	
Business Rules		
<ol style="list-style-type: none"> 1. Duplexes and apartments are counted as multiple residences. 2. A residence threatened is equivalent to a home threatened. 3. Report the cumulative number of residences threatened. For final fire reports, the number of residences that are declared threatened are those when the fire report is completed. For SIT/209 reports, the number of residences that are declared threatened are those at the time of submission. 4. Residences threatened are not counted as other structures destroyed or other structures threatened. 5. Residences threatened equals residences destroyed plus residences saved. 		

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NWCG Data Standard Meta-data Definition

Status: Draft Proposal Approved

Date: 2008-02-28

Name		
Data Attribute Name	SPECIAL LAND DESIGNATION	
Abbreviation		
Contacts		
Data Stewardship Group (NWCG Working Team or Associated Group)	<i>FORS Task Group</i>	
Data Steward	<i>Tom Wordell</i>	
Source Reference		
System of Record		
Custodian		
Definition		
Description	<p>Officially designated special land types within the fire perimeter.</p> <p>"Official" means legislatively or executive ordered designations. Special land designation is meant to describe land designations where fire management strategies or tactics were influenced or altered.</p>	
	Data Exchange Standards	Data Entry Guidelines
Length	<i>Maximum: 120 Minimum: 0</i>	<i>Maximum: 120 Minimum: 0</i>
Data Type	<i>alpha numeric</i>	<i>alpha numeric</i>
Case Sensitivity	<i>mixed case</i>	<i>mixed case</i>
Format	<i>X(120)</i>	<i>X(120)</i>
Example	<i>Wilderness</i>	<i>Wilderness</i>
Business Rules		
1. <i>Multiple special land designations may apply to a fire.</i>		

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NWCG Data Standard Meta-data Definition

Status: Draft Proposal Approved

Date: 2008-02-28

Name		
Data Attribute Name	UNIQUE FIRE IDENTIFIER	
Abbreviation	UNIQUE FIRE ID	
Contacts		
Data Stewardship Group (NWCG Working Team or Associated Group)	FORS Task Group	
Data Steward	Tom Wordell	
Source Reference	NWCG Unit Identifier Standard	
System of Record		
Custodian		
Definition		
Description	A unique identifier assigned to each wildland fire	
	Data Exchange Standards	Data Entry Guidelines
Length	Maximum: 22 Minimum: 17	Maximum: 22 Minimum: 17
Data Type	Alphanumeric with hyphens or periods	
Case Sensitivity	n/a	
Format	yyyy-ssuuuu-xxxxxx yyyy = calendar year (4 digits), ssuuuu = unit identifier (5 or 6 characters), xxxxxx = local incident identifier (6 to 10 characters), separated by hyphens.	yyyy-ssuuuu-xxxxxx yyyy = calendar year (4 digits), ssuuuu = unit identifier (5 or 6 characters), xxxxxx = local incident identifier (6 to 10 characters), separated by hyphens.
Example	2007-NMMEA-000087, 2007-NMLAD-00DK1E	2007-NMMEA-000087, 2007-NMLAD-00DK1E
Business Rules		
<p>1. The UNIQUE FIRE IDENTIFIER will be issued by the local fire management organization for the land where the fire originated.</p> <p>2. The unit identifier portion corresponds to the POINT OF ORIGIN RESPONSIBLE AGENCY UNIT IDENTIFIER from the responsible unit's corresponding fire report.</p> <p>3. The calendar year portion is derived from the DISCOVERY DATE from the responsible unit's corresponding fire report.</p> <p>4. The local incident identifier portion corresponds to the LOCAL INCIDENT IDENTIFIER, as adjusted to data exchange standards, from the responsible unit's corresponding fire report.</p> <p>5. A UNIQUE FIRE IDENTIFIER must be assigned to only one particular fire and cannot be re-used.</p> <p>6. The fire reports generated by any units other than the responsible unit must also reference the UNIQUE FIRE IDENTIFIER for the corresponding fire.</p>		

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NWCG Data Standard Meta-data Definition

Status: Draft Proposal Approved

Date: 2008-02-28

Name		
Data Attribute Name	UNIQUE FIRE REPORT IDENTIFIER	
Abbreviation	UNIQUE FIRE REPORT ID	
Contacts		
Data Stewardship Group (NWCG Working Team or Associated Group)	FORS Task Group	
Data Steward	Tom Wordell	
Source Reference		
System of Record		
Custodian		
Definition		
Description	A code that uniquely identifies a particular fire report.	
	Data Exchange Standards	Data Entry Guidelines
Length	Maximum: 40 Minimum: 30	Maximum: 40 Minimum: 30
Data Type	Alphanumeric with hyphens or periods	
Case Sensitivity	n/a	
Format	xxx-ssuuuu-rrrrrr xxx = UNIQUE FIRE IDENTIFIER (17 to 22 characters), ssuuuu = FIRE REPORTING AGENCY UNIT IDENTIFIER (5 or 6 characters), rrrrrr = LOCAL REPORT IDENTIFIER (6 to 10 character), separated by hyphens.	xxx-ssuuuu-rrrrrr xxx = UNIQUE FIRE IDENTIFIER (17 to 22 characters), ssuuuu = FIRE REPORTING AGENCY UNIT IDENTIFIER (5 or 6 characters), rrrrrr = LOCAL REPORT IDENTIFIER (6 to 10 character), separated by hyphens.
Example	2007-NMMEA-000087-NMCAP-000009	2007-NMMEA-000087-NMCAP-000009
Business Rules		
<ol style="list-style-type: none"> 1. The UNIQUE FIRE REPORT IDENTIFIER will be issued by the reporting unit. 2. The unit identifier portion corresponds to the FIRE REPORTING AGENCY UNIT IDENTIFIER. 3. The local report identifier portion corresponds to the LOCAL REPORT IDENTIFIER, as adjusted to data exchange standards. 4. It is possible to have multiple reports for a single fire. 		

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NWCG Data Standard Meta-data Definition

Status: Draft Proposal Approved

Date: 2008-02-28

Name	
Data Attribute Name	WILDLAND URBAN INTERFACE INDICATOR
Abbreviation	WUI INDICATOR
Contacts	

Data Stewardship Group (NWCG Working Team or Associated Group)	<i>FORS Task Group NWCG Wildland Urban Interface WT</i>	
Data Steward	<i>Tom Wordell</i>	
Source Reference	<i>NFPA 1144 Section 3.3.28</i>	
System of Record		
Custodian		
Definition		
Description	<p>A flag that indicates if the the presence of Wildland Urban Interface (WUI) influenced the cost, strategy, or management of a wildfire</p> <p>NFPA 1144 Standard for Reducing Structure Ignition Hazards from Wildland Fire, section 3.3.28:</p> <p>Wildland Urban Interface = The presence of structures in locations in which the AHJ (authority having jurisdiction) determines that topographical features, vegetation fuel types, local weather conditions, and prevailing winds result in the potential for ignition of the structures within the area from flames and firebrands of a wildland fire.</p>	
	Data Exchange Standards	Data Entry Guidelines
Length	<i>Maximum: 1 Minimum: 1</i>	<i>Maximum: 1 Minimum: 1</i>
Data Type	<i>alpha</i>	<i>alpha</i>
Case Sensitivity	<i>upper case</i>	<i>upper case</i>
Format		
Example	<i>Y = Yes N = No</i>	<i>Y = Yes N = No</i>
Business Rules		
<p>1. <i>Default value = "N"</i></p> <p>2) <i>Value = "Y" should only be used if fire management, strategies or costs were influenced by the presence of WUI.</i></p> <p>3. <i>Structures do not include powerpoles, fences, pipelines, bridges, etc.</i></p>		

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Explanation of the Meta-data Definition Format

Status <i>(To be filled out by the DAWG only)</i>	Draft – The meta-data definition has been defined, but has not been reviewed by the DAWG. Proposed – The meta-data definition has been reviewed by the DAWG and is in the review stage. Approved – The meta-data definition has been approved by the DAWG and published as an NWCG standard.	
Name		
Data Attribute Name	The business term in its unabbreviated form.	
Abbreviation	The short form of the attribute name using standard abbreviations.	
Contacts		
Data Stewardship Group	The organization(s) responsible for the accuracy of the attribute’s definition.	
Data Steward	The person(s) responsible for the attribute meta-data definition (name, contacts, definition, business rules).	
Source Reference	The reference number of an adopted data standard from an external source.	
System of Record	The manual or automated system that serves as the authoritative source for accurate data values.	
Custodian	The person(s) responsible for the maintenance and quality of the actual data in the system of record.	
Definition		
Description	The textual definition of the attribute.	
	Data Exchange Standards	Data Entry Guidelines
Length	The maximum & minimum allowable lengths for the raw data.	The maximum & minimum allowable lengths for the data entry.
Data Type	The kind of data. Examples are: alphabetic, binary, numeric, alpha-numeric	The kind of data. Examples are: integer, decimal, currency, date, time, character, and Boolean.
Case Sensitivity	A specification of whether or not the data is to be upper, lower, or mixed case.	A specification of whether or not the data is to be upper, lower, or mixed case.
Format	A specification of the way the raw data should be arranged.	The way the data should be displayed to the users.
Example	Example(s) of valid raw data and descriptor, if appropriate.	Example(s) of valid data entry and descriptor, if appropriate.
Business Rules		
<ol style="list-style-type: none"> 1. Business rules are a set of conditions that govern the data attribute so that it occurs in a way that is acceptable to the business (or customer). 2. A business rule is a statement that defines or constrains some aspect of the data. 3. There may be many business rules that pertain directly to the attribute or to its relationship to other attributes. 		

Information about this NWCG Data Standard

Applicability

1. The Data Exchange Standards section represents the standard for representation of data files for data interchange.
2. This standard applies to all existing NWCG applications.
3. This standard applies to the acquisition of all applications software, whether commercial off-the-shelf (COTS) products, or custom-designed applications.
4. The Data Entry Guidelines are recommended but not mandatory and do not require a waiver.

Provision for Waiver - A waiver may be granted by the NWCG DAWG for:

- Legacy applications that are able to achieve compliance by means other than the use of this standard
- Systems where the costs of implementing this standard are significantly higher than the benefits warrant

The requesting office shall draft an application to the NWCG DAWG for a waiver providing the reasons why the data standard should not be implemented in the information collection. This application shall contain:

- a. An outline of the reasons why the data standard should not be implemented in the specific application.
- b. A risk assessment and cost-effectiveness evaluation of continued operation in a non-compliant mode.
- c. Approval of the waiver request by decision officials within the requesting office, if applicable.

The DAWG shall notify the requesting office in writing of the disposition of the waiver within 60 days of receipt.

Maintenance - This standard is one of several applicable to all NWCG applications; as such, it will be reviewed, and the NWCG DAWG will schedule updates at designated intervals. Reviews shall occur at time intervals not to exceed 5 years.