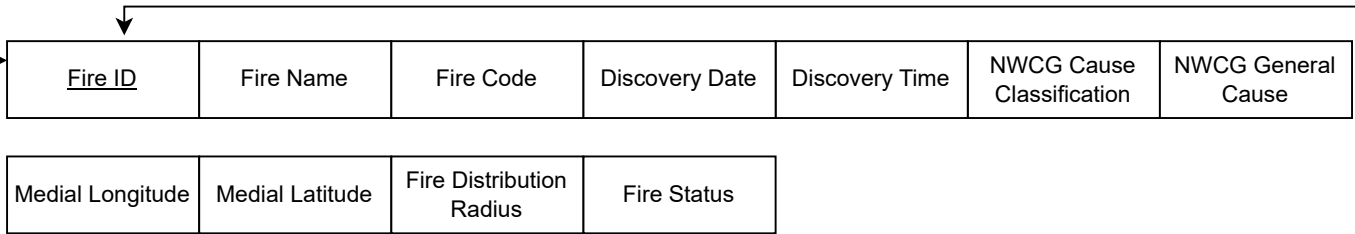


Relations (3NF)

FIRE DISTURBANCE



FOREST FIRE

<u>Fire ID</u>	<u>Forest Unit Code</u>	Percentage Area Affected
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FIRE CONTAINMENT PROCEDURE

<u>Resource ID</u>	<u>Party ID</u>	<u>Fire ID</u>	<u>Procedure Date</u>	<u>Procedure Time</u>	Procedure Cost
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FUEL TREATMENT

<u>Fuel Treatment ID</u>	Activity Code	Activity
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FUEL TREATMENT HISTORY

<u>Fuel Service ID</u>	<u>Forest Unit Code</u>	<u>Fuel Treatment ID</u>	Service Status	Percentage of Units Completed	Fuel Treatment Start Date	Fuel Treatment End Date
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BIOTA

<u>Biota Code</u>	Scientific Name	Common Name	Biota Type
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INVASIVE PLANT INFESTATION

<u>Infestation ID</u>	<u>IPBiota Code</u>	<u>Forest Unit Code</u>	Total Area Infested	Infested Area Percentage
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INVASIVE PLANT

<u>IPBiota Code</u>

PROTECTED WILDLIFE

<u>PWBiota Code</u>	Protected Status
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PROTECTED WILDLIFE HABITAT

<u>PWBiota Code</u>	<u>Forest Unit Code</u>	Population Density
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WEATHER

<u>Forest Unit Code</u>	<u>Collection Date</u>	<u>Collection Time</u>	Temperature	Precipitation	Wind Speed
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FOREST UNIT

<u>Forest Unit Code</u>	Parent Forest Name	Ownership Code	Land Suitability Class Code	Distance To Roads	Distance to Power Lines	Distance to Settlements
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Vegetation Type	Biomass Density	Isothermality	Elevation	Imperviousness	Precipitation Seasonality	Fuel Model Code
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Average Temperature	Average Precipitation
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FOREST MANAGEMENT

<u>Party ID</u>	<u>Forest Unit Code</u>
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PARTY

<u>Party ID</u>	Party Name	Party Type
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COORDINATING UNIT

<u>Party ID</u>	<u>Coordinating Unit Name</u>	Coordinating Unit Contact	Coordinating Unit Phone Number	Coordinating Unit Contact Email
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NON-GOVERNMENT ORGANIZATION

<u>NGParty ID</u>	Organization Classification
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GOVERNMENT ORGANIZATION

<u>GParty ID</u>	Level of Governance
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GOVERNMENT RESOURCE

<u>GParty ID</u>	<u>Resource ID</u>
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CONTRACT

<u>Contract ID</u>	<u>Resource ID</u>	<u>NGParty ID</u>	Contract Type	Contract Subtype	Contract Start Date	Contract End Date
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FOREST RESOURCE

<u>Resource ID</u>	<u>Forest Unit Code</u>
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FIREFIGHTING RESOURCE

<u>Resource ID</u>	Resource Code	Resource Classification
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ROAD

<u>RResource ID</u>	Road Designation	Road Classification	Road Maintenance Level	Road Traffic Service Level	Road Status
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FACILITY

<u>FResource ID</u>	Facility Name	Facility Type	Facility Address	Facility Front Desk Phone Number	Facility Use
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REGULAR FACILITY OPERATION TIME

<u>FResource ID</u>	<u>RF Day of the Week</u>	RF Facility Opening Time	RF Facility Closing Time
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HOLIDAY FACILITY OPERATION TIME

<u>FResource ID</u>	<u>F Date Of Holiday</u>	H Facility Opening Time	H Facility Closing Time
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SUPPLY

<u>SResource ID</u>	Supply Type	Supply Source	Supply Location
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SUPPLY QUANTITY

<u>SResource ID</u>	Supply Quantity	Supply Quantity Unit
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EQUIPMENT

<u>EResource ID</u>	Serial No.	Equipment Code	Equipment Description	Equipment Cost	Equipment Operational Status	Equipment Location
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PERSONNEL

<u>PResource ID</u>	Personnel Name	Personnel Position	Personnel Base of Operations	Fire Personnel?	Certified Personnel?	USFS Employee?
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Supervisor ID

PERSONNEL PHONE NUMBER

<u>PResource ID</u>	<u>Personnel Phone Number</u>
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PERSONNEL EMAIL

<u>PResource ID</u>	<u>Personnel Email</u>
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PERSONNEL SEASONAL AVAILABILITY

<u>PResource ID</u>	<u>PS Day of the Week</u>	Seasonal Shift Start Time	Seasonal Shift End Time
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PERSONNEL OFF-SEASON AVAILABILITY

<u>PResource ID</u>	<u>PO Day of the Week</u>	Off-Season Shift Start Time	Off-Season Shift End Time
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PERSONNEL HOLIDAY AVAILABILITY

<u>PResourceID</u>	<u>P Date of Holiday</u>	Holiday Shift Start Time	Holiday Shift End Time
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FIRE PERSONEL

<u>FPersonnel ID</u>	FP Rank	Years of Experience
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NWCG QUALIFICATION

<u>FPersonnel ID</u>	<u>NWCG Qualification</u>	<u>Qualification Date</u>
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CERTIFIED PERSONNEL

CPersonnel ID

CERTIFIED PERSONNEL CERTIFICATION

<u>CPersonnel ID</u>	<u>Certification</u>	<u>Certification Completion Date</u>
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CERTIFIED PERSONNEL TRAINING

<u>CPersonnel ID</u>	<u>Training Program</u>	<u>Training Program Completion Date</u>
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SPECIALIZED LICENSE

<u>License ID</u>	<u>CPersonnel ID</u>	License Type	License Issuing Authority	License Status	License Issuance Date	License Renewal Date
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License Expiration Date

USFS EMPLOYEE

<u>UPersonnel ID</u>	Admin Region Code	Admin Forest Code	Admin District Code	Pay Grade	Employee Status	Employee Address
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