FIRE RESPONSE UNITS

*X13661.FR\_GIS\_FRU\_AR\_SV, fire\_response\_unit.shp*

### DEFINITION:

Fire Response Units (FRUs) are designated by the DNR Forest Protection Bureau. A FRU is the area and equipment for which the personnel at a ranger station are responsible. FRU names are based on the location of the ranger station. The polygon attributes in this layer also identify dispatch group (DG) and protection type (FPA) of each FRU.

### Location: [\\central\frgeo\frgislib\Fire\_Management\FRUs\](file:///\\central\frgeo\frgislib\Fire_Management\FRUs\)

### Associated GIS Datasets:

* Related shapefiles: dispatch\_group.shp

fire\_protection\_area.shp

* SDE Feature Class: X13661.FR\_GIS\_ FRU\_AR\_VAR (SV)
* Topologically related to: X13661.FR\_GIS\_DISPATCH\_GROUP\_AR\_VAR

X13648.FR\_GIS\_IFFRS\_FRT\_AR\_VAR

X13661.FR\_GIS\_FIRE\_PROTECTION\_AR\_VAR

X13648.FR\_GIS\_IFFRS\_FPA\_AR\_VAR

X13648.FR\_GIS\_IFFRS\_DG\_AR\_VAR (SV)

### Feature Type(s):

Polygon

**Geographic Extent**:

Statewide

**Source Scale**:

1:24,000

**Projection:** Wisconsin Transverse Mercator NAD 1983/1991 (WTM83/91)

Parameters

*Projection Transverse*

*Datum HPGN*

*Units Meters*

*Spheroid GRS 1980*

*Scale factor .9996*

*Longitude –90 0 0.00*

*Latitude 0 0 0.00*

*False Easting 520,000*

*False Northing –4,480,000*

PURPOSE/BACKGROUND:

*History of data layer*: Data was originally collected cooperatively by the Division of Forestry, Bureau of Forest Protection and created as a GIS layer by BTS. In May, 2010, the boundaries were re-digitized to more accurately match the FPA boundaries using Administrative Code (NR 30.01 and NR 30.02) text description as well as field staff support. In April 2010, Goodman FRU was re-digitized to correct errors.

In November 2016, fire response unit (FRU) boundaries were re-digitized to match fire protection area (FPA) and dispatch group (DG) boundaries and align with other geographic source data. (Fire protection area (FPA) boundaries are delineated by Administrative Code (NR 30.01 and NR 30.02) text description.) Better GIS sources for road, and MCD prompted re-digitization. From this base, dispatch group boundaries were created, and further fire response units. These three fire management boundaries layers (DG, FRU, FPA) are topologically related – previous efforts at digitizing fire management boundaries did not retain relationship between the datasets, creating gaps and overlaps, etc.

On January 1, 2018, DG boundaries were programmatically redrawn to align with the Division of Forestry management structure. At this time, DGs were reduced to seven and some FRU names were modified. As such, some FRUs were assigned to new/different dispatch groups. Dispatch groups are comprised of FRUs (in intensive and extensive protection areas for wildland fire response) and COOP Teams (in cooperative protection for prescribed burn).

**Contact Persons**:

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Resource contact is Jim Barnier, Forestry Protection Bureau, (608) 253-6714, [JamesD.Barnier@wi.gov](mailto:JamesD.Barnier@wi.gov)

**Update Frequency**:

Infrequent. Current as of February 2018.

**ATTRIBUTES:**

**Attribute Fields**:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ***Field Name (shp)*** | ***Field Name (SDE)*** | ***Data Type*** | ***LENGTH*** | ***Example*** |
| **FRU\_NAME** | FRU\_NAME | T, 30 | 30 | TROUT LAKE |
| **DIS\_GROUP** | DISPATCH\_GROUP | T, 17 | 17 | Woodruff |
| **PROT\_TYPE** | PROTECTION\_TYP | T, 10 | 10 | INTENSIVE |
| **FRU\_CODE** | FRU\_CODE | N |  | 12 |
| **LABEL** | CARTO\_LABEL | T, 4 | 4 | TLK |

**Shapefile/SDE Crosswalk**:

**Field Descriptions**:

**FRU\_NAME** (C, 30)

Name of the Fire Response Unit. There are currently 57 Fire Response Units.

**DIS\_GROUP** (C, 17)

Name of Dispatch Group of which the FRU is a part. A Dispatch Group is a collection of Fire Response Units, or ranger stations that are directed by a single Area Forestry Leader, and dispatched out of a common location. There are currently 8 Dispatch Groups.

**PROT\_TYPE** (C, 10)

Areas designated in an effort to divide the responsibility of fire suppression within the state. The intensive and extensive areas are at a higher natural risk for fires and the DNR has the statutory responsibility for fire suppression. The distinctions between intensive and extensive areas are defined in Administrative code (NR30).

**Possible Values (Domain):**

**Value Definition**

coop These areas are primarily protected by local and county officials. They can and do create ordinances, as well as permit requirements.

extensive Permits are required anytime the ground is not snow-covered during the months of January-May. The DNR has the primary responsibility for fire suppression in this area, but the fire departments do most of the initial attacks.

intensive Burning permits are required anytime the ground is not snow covered. DNR has the statutory responsibility for fire suppression in this area. The DNR does most of the initial attacks in these areas.

**LABEL** (C, 4)

This code is an abbreviation of the Fire Response Unit name, and is used for labeling in cartographic output.

**Possible Values (Domain):**

**Value Definition**

ATN North Antigo

ATS South Antigo

AUG Augusta

BAB Babcock

BAR Barnes

BRF Black River

BOS Boscobel

BOW Bowler

BRU Brule

COOP Cooperative Area

COR Cornell

CRA Crandon

EGR Eagle River

FLO Florence

FRD Friendship

FRT Fort McCoy

GOR Gordon

GRT Grantsburg

HAY Hayward

KES Keshena

LAE Ladysmith East

LLE Ladysmith West

LKD Lakewood

MCR Mercer

MED Medford

MEL Mellen

MIN Minong

MON Montello

MRL Merrill

NEC Necedah

NEK Nekoosa

OFL Oconto Falls

PAT Pattison

PEM Pembine

PKF Park Falls

PLV Plover

POY Poynette

PRE Prentice

PRY Pray

PST Peshtigo

RCT Richland Center

RHN Rhinelander

SPG Spring Green

SPN North Spooner

SPS South Spooner

TLK Trout Lake

TMH Tomah

TMK Tomahwak

USFS US Forest Service

WAP Waupaca

WAT Wautoma

WAU Wausau

WDL Wisconsin Dells

WEB Webster

WIN Winter

WOD Woodruff

WSB Washburn

WUS Wausaukee

**FRU\_CODE** (Integer)

Code representing the fire response unit. There are currently 57 Fire Response Units and cooperative area.

ADDITIONAL INFORMATION:

**Associated Data/Documentation**:

**User Advisory**:

[**http://dnr.wi.gov/legal/acceptableuse.html**](http://dnr.wi.gov/legal/acceptableuse.html)

[**http://dnr.wi.gov/legal/**](http://dnr.wi.gov/legal/)

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