

# Land Information Ontario Data Description

## Fire Weather Sector

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# LIO Class Catalogue

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## Fire Weather Sector

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**Class Short Name:** FIREWTHR

**Version Number:** 3

**Class Description:**

A Fire Weather Sector is an administrative area that represents a local climatic area and is issued by AFFM, Flood and Fire Management Section for forest fire weather forecasting purposes. North of the French River, weather sector boundaries closely correspond to the areas used by Environment Canada for public weather forecasting. South of the French River, OMNR combined 25 Environment Canada areas into 6 larger units (E13-18). Fire Weather Sectors are also identified by an official name tied to the sector's general geographical area. The boundaries for these areas can be verified by the AFFM, Flood and Fire Management Section.

**Abstract Class Name:** SPMNTPOLY

**Abstract Class**

**Description:**

Spatial Multi-Non-Tessellating-Polygon: An object is represented by ONE or MORE polygons. Polygons may NOT overlap. HOLES within and GAPS between polygons ARE allowed. Example: the St. Lawrence Islands National Park, where the Park itself is made up of many islands.

## Tables in LIO Class:

### Fire Weather Sector

#### **FIRE\_WEATHER\_SECTOR\_FT**

A Fire Weather Sector is an administrative area that represents a local climatic area and is issued by AFFM, Flood and Fire Management Section for forest fire weather forecasting purposes. North of the French River, weather sector boundaries closely correspond to the areas used by Environment Canada for public weather forecasting. South of the French River, OMNR combined 25 Environment Canada areas into 6 larger units (E13-18). Fire Weather Sectors are also identified by an official name tied to the sector's general geographical area. The boundaries for these areas can be verified by the AFFM, Flood and Fire Management Section.

| Column Name                                                                                                         | Column Type      | Mandatory | Short Name | Valid Values |
|---------------------------------------------------------------------------------------------------------------------|------------------|-----------|------------|--------------|
| <b>OGF_ID</b>                                                                                                       | NUMBER<br>(13,0) | Yes       | OGF_ID     |              |
| A unique numeric provincial identifier assigned to each object.                                                     |                  |           |            |              |
| <b>OFFICIAL_NAME</b>                                                                                                | VARCHAR2<br>(75) | Yes       | NAME       |              |
| MNR                                                                                                                 |                  |           |            |              |
| <b>FIRE_WEATHER_SECTOR_CODE</b>                                                                                     | VARCHAR2<br>(5)  | Yes       | FIRE_WEATH |              |
| <b>BUSINESS_EFFECTIVE_DATE</b>                                                                                      | DATE             | No        | BUS_EFF_DT |              |
| Date that the record becomes effective in relation to the business i.e. the date MNR became aware of its existence. |                  |           |            |              |
| <b>GEOMETRY_UPDATE_DATETIME</b>                                                                                     | DATE             | No        | EXP_DATE   |              |
| Date/time the geometry was created or last modified in the source database.                                         |                  |           |            |              |
| <b>EFFECTIVE_DATETIME</b>                                                                                           | DATE             | Yes       | EXT_EFFECT |              |
| Date/time the record was created or last modified in the source database.                                           |                  |           |            |              |

#### **CLASS\_DATABASE\_REFERENCE**

A link to an external database or an internal object in the same database.

| Column Name                                                     | Column Type      | Mandatory | Short Name | Valid Values       |
|-----------------------------------------------------------------|------------------|-----------|------------|--------------------|
| <b>OGF_ID</b>                                                   | NUMBER<br>(13,0) | Yes       | OGF_ID     |                    |
| A unique numeric provincial identifier assigned to each object. |                  |           |            |                    |
| <b>INTERNAL_EXTERNAL_FLG</b>                                    | VARCHAR2         | Yes       | INT_EXT    | Internal, External |

(10)

A flag indicating if the database being referenced is internal (NRVIS/LIO) or external.

|                                 |          |     |       |
|---------------------------------|----------|-----|-------|
| <b>DATABASE_REFERENCE_IDENT</b> | VARCHAR2 | Yes | IDENT |
|                                 | (50)     |     |       |

Identifier of a reference that is linked e.g. Land Use Permit Number, LIS Number, the FMF Object ID of a Concrete Class.

|                         |          |     |            |
|-------------------------|----------|-----|------------|
| <b>CLASS_SHORT_NAME</b> | VARCHAR2 | Yes | CLASS_NAME |
|                         | (8)      |     |            |

Static short name that will be used by for the concrete class.

|                                  |          |    |        |
|----------------------------------|----------|----|--------|
| <b>DATABASE_REFERENCE_DETAIL</b> | VARCHAR2 | No | DETAIL |
|                                  | (2000)   |    |        |

Details on the rationale, use, dependency, or comments on the database reference. If a dependence on other data class geometry exists, this can be identified in this field.

|                                 |          |    |            |
|---------------------------------|----------|----|------------|
| <b>RELATED_CLASS_SHORT_NAME</b> | VARCHAR2 | No | CLASS_NAME |
|                                 | (8)      |    |            |

The static short name that is used by the related concrete class.

|                          |          |    |          |
|--------------------------|----------|----|----------|
| <b>EXT_REF_TYPE_CODE</b> | VARCHAR2 | No | EXT_TYPE |
|                          | (8)      |    |          |

The type of external database that the identifier pertains to e.g. LUPS, LIS, etc.

|                         |          |    |           |
|-------------------------|----------|----|-----------|
| <b>TYPE_OTHER_DESCR</b> | VARCHAR2 | No | OTH_DESCR |
|                         | (60)     |    |           |

A full description of the type when set to "other".

|                           |      |     |          |
|---------------------------|------|-----|----------|
| <b>EFFECTIVE_DATETIME</b> | DATE | Yes | EFF_DATE |
|---------------------------|------|-----|----------|

Date/time the record was created or last modified in the source database.

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## CLASS\_OTHER\_INFORMATION

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This table allows the NRVIS/LIO users to enter local-needs type of information, currently not captured in the NRVIS or LIO database. The table content will be analysed periodically to determine if the field(s) should be incorporated into the regular data class structure.

| Column Name | Column Type | Mandatory | Short Name | Valid Values |
|-------------|-------------|-----------|------------|--------------|
|-------------|-------------|-----------|------------|--------------|

|               |        |     |        |
|---------------|--------|-----|--------|
| <b>OGF_ID</b> | NUMBER | Yes | OGF_ID |
|               | (13,0) |     |        |

A unique numeric provincial identifier assigned to each object.

|                   |          |     |            |
|-------------------|----------|-----|------------|
| <b>FIELD_NAME</b> | VARCHAR2 | Yes | FIELD_NAME |
|                   | (30)     |     |            |

The attribute name for the information.

|                         |          |     |            |
|-------------------------|----------|-----|------------|
| <b>CLASS_SHORT_NAME</b> | VARCHAR2 | Yes | CLASS_NAME |
|                         | (8)      |     |            |

System-generated column denoting the concrete class which this record is part of.

|                   |                 |     |                   |                         |
|-------------------|-----------------|-----|-------------------|-------------------------|
| <b>FIELD_TYPE</b> | VARCHAR2<br>(8) | Yes | <b>FIELD_TYPE</b> | String, Integer, Double |
|-------------------|-----------------|-----|-------------------|-------------------------|

The type of field.

|                           |                  |    |                |
|---------------------------|------------------|----|----------------|
| <b>FIELD_VALUE_STRING</b> | VARCHAR2<br>(50) | No | <b>VALUE_S</b> |
|---------------------------|------------------|----|----------------|

A field used to store character strings.

|                            |                 |    |                |
|----------------------------|-----------------|----|----------------|
| <b>FIELD_VALUE_INTEGER</b> | NUMBER<br>(5,0) | No | <b>VALUE_I</b> |
|----------------------------|-----------------|----|----------------|

A field used to store integer values (small numbers).

|                           |                  |    |                |
|---------------------------|------------------|----|----------------|
| <b>FIELD_VALUE_DOUBLE</b> | NUMBER<br>(10,3) | No | <b>VALUE_D</b> |
|---------------------------|------------------|----|----------------|

A field used to store decimal data with up to two decimals.

|                           |      |     |                 |
|---------------------------|------|-----|-----------------|
| <b>EFFECTIVE_DATETIME</b> | DATE | Yes | <b>EFF_DATE</b> |
|---------------------------|------|-----|-----------------|

Date/time the record was created or last modified in the source database.

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## CLASS\_PARTY\_ROLE

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A link to an external contact database.

| Column Name | Column Type | Mandatory | Short Name | Valid Values |
|-------------|-------------|-----------|------------|--------------|
|-------------|-------------|-----------|------------|--------------|

|               |                  |     |               |
|---------------|------------------|-----|---------------|
| <b>OGF_ID</b> | NUMBER<br>(13,0) | Yes | <b>OGF_ID</b> |
|---------------|------------------|-----|---------------|

A unique numeric provincial identifier assigned to each object.

|                    |                  |     |                 |
|--------------------|------------------|-----|-----------------|
| <b>PARTY_IDENT</b> | VARCHAR2<br>(25) | Yes | <b>PARTY_ID</b> |
|--------------------|------------------|-----|-----------------|

An identifier for a party (group or individual). It should reference an identifier in an external database which would contain further information. The identifier should not contain personal information (i.e. Social Insurance Number, Outdoors Card Number, phone number, name etc.).

|                       |                   |     |                 |
|-----------------------|-------------------|-----|-----------------|
| <b>PARTY_DATABASE</b> | VARCHAR2<br>(100) | Yes | <b>PARTY_DB</b> |
|-----------------------|-------------------|-----|-----------------|

The database that contains the party information.

|                  |                  |     |                  |                                                                                                                   |
|------------------|------------------|-----|------------------|-------------------------------------------------------------------------------------------------------------------|
| <b>ROLE_TYPE</b> | VARCHAR2<br>(50) | Yes | <b>ROLE_TYPE</b> | Affiliated With, Approver, Authority Holder, Claim Holder, Contact, Contractor, ...<br>(See ROLE_TYPE_LIST table) |
|------------------|------------------|-----|------------------|-------------------------------------------------------------------------------------------------------------------|

The role that an organization or an individual plays.

|                         |                 |     |                   |
|-------------------------|-----------------|-----|-------------------|
| <b>CLASS_SHORT_NAME</b> | VARCHAR2<br>(8) | Yes | <b>CLASS_NAME</b> |
|-------------------------|-----------------|-----|-------------------|

System-generated column denoting the concrete class which this record is part of.

|                                                                           |                   |     |            |
|---------------------------------------------------------------------------|-------------------|-----|------------|
| <b>ROLE_DETAIL</b>                                                        | VARCHAR2<br>(200) | No  | DETAIL     |
| Additional details about the role.                                        |                   |     |            |
| <b>START_DATE</b>                                                         | DATE              | No  | START_DATE |
| The date when a Party starts to play a Role.                              |                   |     |            |
| <b>END_DATE</b>                                                           | DATE              | No  | END_DATE   |
| The date when a Party ceases to play a Role.                              |                   |     |            |
| <b>EFFECTIVE_DATETIME</b>                                                 | DATE              | Yes | EFF_DATE   |
| Date/time the record was created or last modified in the source database. |                   |     |            |

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## CLASS\_SUPPORTING\_MATERIAL

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Material (document/file/picture) that provides more information on a geographic feature.

| Column Name                                                                                                                                                                                                                                                                                               | Column Type       | Mandatory | Short Name | Valid Values |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-----------|------------|--------------|
| <b>OGF_ID</b>                                                                                                                                                                                                                                                                                             | NUMBER<br>(13,0)  | Yes       | OGF_ID     |              |
| A unique numeric provincial identifier assigned to each object.                                                                                                                                                                                                                                           |                   |           |            |              |
| <b>MATERIAL_NAME</b>                                                                                                                                                                                                                                                                                      | VARCHAR2<br>(200) | Yes       | NAME       |              |
| A name or brief description of the material.                                                                                                                                                                                                                                                              |                   |           |            |              |
| <b>MATERIAL_LOCATION</b>                                                                                                                                                                                                                                                                                  | VARCHAR2<br>(200) | Yes       | LOCATION   |              |
| The location where the supporting material is stored. This may be a physical location or a link to a storage location.                                                                                                                                                                                    |                   |           |            |              |
| <b>CLASS_SHORT_NAME</b>                                                                                                                                                                                                                                                                                   | VARCHAR2<br>(8)   | Yes       | CLASS_NAME |              |
| System-generated column denoting the concrete class which this record is part of.                                                                                                                                                                                                                         |                   |           |            |              |
| <b>URL_ENG</b>                                                                                                                                                                                                                                                                                            | VARCHAR2<br>(500) | No        | URL_ENG    |              |
| The address of a computer or a document in English on the Internet that consists of a communications protocol followed by a colon and two slashes (as http://), the identifier of a computer (as www.m-w.com) and usually a path through a directory to a file -- called also universal resource locator. |                   |           |            |              |
| <b>URL_FRE</b>                                                                                                                                                                                                                                                                                            | VARCHAR2<br>(500) | No        | URL_FRE    |              |
| The address of a computer or a document in French on the Internet that consists of a communications protocol followed by a colon and two slashes (as http://), the identifier of a computer (as www.m-w.com) and usually a path through a directory to a file -- called also                              |                   |           |            |              |

universal resource locator.

|                           |      |     |          |
|---------------------------|------|-----|----------|
| <b>EFFECTIVE_DATETIME</b> | DATE | Yes | EFF_DATE |
|---------------------------|------|-----|----------|

Date/time the record was created or last modified in the source database.

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## EXTERNAL\_REF\_TYPE\_LIST

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List of valid EXTERNAL\_REFERENCE\_TYPE codes.

| Column Name | Column Type | Mandatory | Short Name | Valid Values |
|-------------|-------------|-----------|------------|--------------|
|-------------|-------------|-----------|------------|--------------|

|                          |                 |     |            |
|--------------------------|-----------------|-----|------------|
| <b>EXT_REF_TYPE_CODE</b> | VARCHAR2<br>(8) | Yes | EXT_REF_TY |
|--------------------------|-----------------|-----|------------|

The type of external database that the identifier pertains to e.g. LUPS, LIS, Other.

|                           |                  |     |            |
|---------------------------|------------------|-----|------------|
| <b>EXT_REF_TYPE_DESCR</b> | VARCHAR2<br>(60) | Yes | EXT_REF_TY |
|---------------------------|------------------|-----|------------|

Description of the type of external reference.

|                           |      |     |          |
|---------------------------|------|-----|----------|
| <b>EFFECTIVE_DATETIME</b> | DATE | Yes | EFF_DATE |
|---------------------------|------|-----|----------|

Date/time the record was created or last modified in the source database.

|                        |      |    |          |
|------------------------|------|----|----------|
| <b>EXPIRY_DATETIME</b> | DATE | No | EXP_DATE |
|------------------------|------|----|----------|

Date/time that the record was expired from use.

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## ROLE\_TYPE\_LIST

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List of valid party role types.

| Column Name | Column Type | Mandatory | Short Name | Valid Values |
|-------------|-------------|-----------|------------|--------------|
|-------------|-------------|-----------|------------|--------------|

|                  |                  |     |           |
|------------------|------------------|-----|-----------|
| <b>ROLE_TYPE</b> | VARCHAR2<br>(50) | Yes | ROLE_TYPE |
|------------------|------------------|-----|-----------|

The role that an organization or an individual plays.

|                        |                    |     |       |
|------------------------|--------------------|-----|-------|
| <b>ROLE_TYPE_DESCR</b> | VARCHAR2<br>(2000) | Yes | DESCR |
|------------------------|--------------------|-----|-------|

Description of Role Type.

|                           |      |     |          |
|---------------------------|------|-----|----------|
| <b>EFFECTIVE_DATETIME</b> | DATE | Yes | EFF_DATE |
|---------------------------|------|-----|----------|

Date/time the record was created or last modified in the source database.

|                        |      |    |          |
|------------------------|------|----|----------|
| <b>EXPIRY_DATETIME</b> | DATE | No | EXP_DATE |
|------------------------|------|----|----------|

Date/time that the record was expired from use.

**LIO Lookup Table Values:**

**EXTERNAL\_REF\_TYPE\_LIST**

| <b>EXT REF TYPE<br/>CODE</b> | <b>EXT REF TYPE DESCR</b>                                     | <b>EXPIRY<br/>DATETIME</b> |
|------------------------------|---------------------------------------------------------------|----------------------------|
| ALPS                         | Aggregate Licence Permit Database                             |                            |
| AMIS                         | Abandoned Mines Database                                      |                            |
| ARFIS                        | Algonquin Region Forest Database                              |                            |
| BCD                          | Biological and Conservation Database                          |                            |
| DTDB                         | Digital Topographic Database                                  |                            |
| FISHARC                      | Fisheries Data Archive                                        |                            |
| FISHLIB                      | Fisheries Information Library                                 |                            |
| FRI                          | Forest Resources Inventory Database                           |                            |
| IF                           | Internal Filing                                               |                            |
| LIS                          | Land Index System                                             |                            |
| LUP                          | Land Use Permit                                               |                            |
| NADB                         | Natural Areas Database                                        |                            |
| NTDB                         | National Topographic Database                                 |                            |
| NWEIMS                       | Wetland Evaluation Information Management Database<br>(North) |                            |
| OBM                          | Ontario Base Map Database                                     |                            |
| OFIS                         | Ontario Fisheries Information Database                        |                            |
| OLI                          | Ontario Land Inventory                                        |                            |
| OPDS                         | Ontario Petroleum Database                                    |                            |
| OTHER                        | Other External Reference                                      |                            |
| PER                          | Permit                                                        |                            |
| RBT                          | Resource Based Tourism Licence                                |                            |
| SFMM                         | Sustainable Forest Management Model                           |                            |
| WEIMS                        | Wetland Evaluation Information Management Database<br>(South) |                            |
| ^                            | NRVIS 2.0 Data Conversion                                     | 1999-11-05                 |

## LIO Lookup Table Values:

### ROLE\_TYPE\_LIST

| ROLE TYPE                     | ROLE TYPE DESCR                                                                                                                                                                                                                                                                                                                                                                                                        | EXPIRY DATETIME |
|-------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|
| Affiliated With               | This role type indicates that the related "from" Party (Individual or Group) has a relationship with the related "to" Party that is not more explicitly covered by another role type.                                                                                                                                                                                                                                  |                 |
| Approver                      | This role type indicates that the related Party (Individual or Group) is one that has approved action associated with the related item. For example, if the related item is an Authority (License, permit, etc.) this would indicate the Party that approved the issuance of the Authority; if the related item is a Recommended Action this would indicate the Party that approved the initiation of the action; etc. |                 |
| Authority Holder              | This role type indicates that the related Party (Individual or Group) is the one to which the Ministry has issued the related Authority (license, permit, etc.).                                                                                                                                                                                                                                                       |                 |
| Claim Holder                  | This role type indicates that the related Party (Individual or Group) is the one that is the registered owner of the related Mining Claim (area).                                                                                                                                                                                                                                                                      |                 |
| Contact                       | This role type indicates that the related "from" Party (Individual or Group) is the designated point of contact for communication with the related "to" Party.                                                                                                                                                                                                                                                         |                 |
| Contractor                    | N/A                                                                                                                                                                                                                                                                                                                                                                                                                    |                 |
| Custodian                     | This role type indicates that the related Party (Individual or Group) is responsible for the care of the related Geographic Unit.                                                                                                                                                                                                                                                                                      |                 |
| Data Provider                 | This role type indicates that the related Party (Individual or Group) is the provider of a data source about the related Geographic Unit.                                                                                                                                                                                                                                                                              |                 |
| Employee                      | This role type indicates that the related "from" Party (an Individual) is employed by the related "to" Party (a Group).                                                                                                                                                                                                                                                                                                |                 |
| Evaluator                     | This role type indicates that the related Party (Individual or Group) is the one who has evaluated the related Geographic Unit.                                                                                                                                                                                                                                                                                        |                 |
| Group Member                  | This role type indicates that the related "from" Party (Individual or Group) is a member of the related "to" Party (a Group). This could include membership in a Local Citizens Committee or a designated interest group.                                                                                                                                                                                              |                 |
| Information Holding Custodian | This role type indicates that the related Party (Individual or Group) is responsible for the storage and protection of the related Information Holding.                                                                                                                                                                                                                                                                |                 |
| Interested Party              | This role type indicates that the related Party (Individual or Group) has a stated interest in a related Issue; or has a stated interest in plans and activities involving the related Geographic Unit.                                                                                                                                                                                                                |                 |
| Issuer                        | This role type indicates that the related Party (Individual or Group)                                                                                                                                                                                                                                                                                                                                                  |                 |

|                    |                                                                                                                                                                                                                                                                                                      |  |
|--------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
|                    | is one that has issued the related Authority (license, permit, etc.).                                                                                                                                                                                                                                |  |
| Lease Holder       | This role type indicates that the related Party (Individual or Group) has occupancy rights to the related Geographic Unit for the period and according to the terms of a lease agreement.                                                                                                            |  |
| Manager            | This role type indicates that the related "from" Party (Individual or Group) manages or directs the activities of the related "to" Party (the "to" Party reports to or is accountable to the "from" Party); or manages the operation of the related Geographic Unit (e.g., a Tourism Establishment). |  |
| Metadata Custodian | This role type indicates that the related Party (Individual or Group) is responsible for the storage and protection of the information ABOUT the related Information Holding. Note: There is a separate role type for the custodian of the information holding itself.                               |  |
| Observer           | This role type indicates that the related Party (Individual or Group) is the one who made the observations in the related Information Source.                                                                                                                                                        |  |
| Operator           | This role type indicates that the related Party (Individual or Group) operates the related Geographic Unit facility (e.g., Tourism Establishment, Mill).                                                                                                                                             |  |
| Owner              | This role type indicates that the related Party (Individual or Group) owns the related Geographic Unit (e.g., Tourism Establishment).                                                                                                                                                                |  |
| Partner            | This role type indicates that the related "from" Party (Individual or Group) has a partnership arrangement with the related "to" Party.                                                                                                                                                              |  |
| Steward            | This role type indicates that the related "from" Party (Individual or Group) is responsible for assisting the Ministry with respect to the management of resources within the related Geographic Unit.                                                                                               |  |
| Supervisor         | This role type indicates that the related "from" Party (Individual or Group) supervises the activities of the related "to" Party.                                                                                                                                                                    |  |
| Verifier           | N/A                                                                                                                                                                                                                                                                                                  |  |