

Free Diagram Documentation

Link to schema: <https://app.quickdatabasediagrams.com/#/d/YG3XLa>

DATA_SOURCE

| Field | Description | Type | Default | Other |
|-------------|-------------|---------|---------|-------|
| DATA_SOURCE | | VARCHAR | | PK |
| SOURCE_URL | | varchar | | |
| SOURCE_TYPE | | varchar | | |

NATURAL_DISASTER

| Field | Description | Type | Default | Other |
|-------------|-------------|---------|---------|--------|
| DATA_SOURCE | | varchar | | PK, FK |
| EVENT_ID | | varchar | | PK |
| event_date | | date | | |
| event_type | | varchar | | |
| state | | varchar | | FK |

LOCATION

| Field | Description | Type | Default | Other |
|----------------|-------------|---------|---------|----------|
| ZipCode | | VARCHAR | | PK |
| City | | VARCHAR | | |
| State | | VARCHAR | | FK |
| Latitude | | FLOAT | | |
| Longitude | | FLOAT | | |
| Classification | | VARCHAR | | NULLABLE |
| Population | | INTEGER | | NULLABLE |

FEMA

| Field | Description | Type | Default | Other |
|---------------------|-------------|---------|---------|------------|
| ID | | int | | PK |
| DATA_SOURCE | | varchar | | FK |
| Disaster_Number | | varchar | | FK, UNIQUE |
| IH_Program_Declared | | boolean | | NULLABLE |
| IA_Program_Declared | | boolean | | NULLABLE |
| PA_Program_Declared | | boolean | | NULLABLE |
| HM_Program_Declared | | boolean | | NULLABLE |
| State | | varchar | | NULLABLE |
| Declaration_Date | | date | | |

| Field | Description | Type | Default | Other |
|----------------------------|-------------|---------|---------|----------|
| Disaster_Type | | varchar | | NULLABLE |
| Incident_Type | | varchar | | NULLABLE |
| Title | | varchar | | NULLABLE |
| Incident_Begin_Date | | date | | |
| Incident_End_Date | | date | | NULLABLE |
| Disaster_Close_Out_Date | | date | | NULLABLE |
| Place_Code | | integer | | NULLABLE |
| Declared_County_Area | | varchar | | NULLABLE |
| Declaration_Request_Number | | integer | | NULLABLE |

WILD_FIRE

| Field | Description | Type | Default | Other |
|-------------------------|-------------|---------|---------|------------|
| ID | | int | | PK |
| DATA_SOURCE | | varchar | | FK |
| OBJECTID | | varchar | | FK, UNIQUE |
| FOD_ID | | INTEGER | | NULLABLE |
| FPA_ID | | VARCHAR | | NULLABLE |
| SOURCE_SYSTEM_TYPE | | VARCHAR | | NULLABLE |
| SOURCE_SYSTEM | | VARCHAR | | NULLABLE |
| NWCG_REPORTING_AGENC | | VARCHAR | | NULLABLE |
| NWCG_REPORTING_UNIT_ID | | VARCHAR | | NULLABLE |
| NWCG_REPORTING_UNIT_N | | VARCHAR | | NULLABLE |
| SOURCE_REPORTING_UNIT | | INTEGER | | NULLABLE |
| SOURCE_REPORTING_UNIT_ | | VARCHAR | | NULLABLE |
| LOCAL_FIRE_REPORT_ID | | INTEGER | | NULLABLE |
| LOCAL_INCIDENT_ID | | VARCHAR | | NULLABLE |
| FIRE_CODE | | VARCHAR | | NULLABLE |
| FIRE_NAME | | VARCHAR | | NULLABLE |
| ICS_209_INCIDENT_NUMBER | | VARCHAR | | NULLABLE |
| ICS_209_NAME | | VARCHAR | | NULLABLE |
| MTBS_ID | | VARCHAR | | NULLABLE |
| MTBS_FIRE_NAME | | VARCHAR | | NULLABLE |
| COMPLEX_NAME | | VARCHAR | | NULLABLE |
| FIRE_YEAR | | INTEGER | | |
| DISCOVERY_DATE | | DATE | | |
| DISCOVERY_DOY | | INTEGER | | |
| DISCOVERY_TIME | | INTEGER | | NULLABLE |

| Field | Description | Type | Default | Other |
|------------------|-------------|---------|---------|----------|
| STAT_CAUSE_CODE | | INTEGER | | NULLABLE |
| STAT_CAUSE_DESCR | | VARCHAR | | NULLABLE |
| CONT_DATE | | DATE | | NULLABLE |
| CONT_DOY | | INTEGER | | NULLABLE |
| CONT_TIME | | INTEGER | | NULLABLE |
| FIRE_SIZE | | FLOAT | | NULLABLE |
| FIRE_SIZE_CLASS | | VARCHAR | | NULLABLE |
| LATITUDE | | FLOAT | | NULLABLE |
| LONGITUDE | | FLOAT | | NULLABLE |
| OWNER_CODE | | INTEGER | | NULLABLE |
| OWNER_DESCR | | VARCHAR | | NULLABLE |
| STATE | | VARCHAR | | NULLABLE |
| COUNTY | | INTEGER | | NULLABLE |
| FIPS_CODE | | INTEGER | | NULLABLE |
| FIPS_NAME | | VARCHAR | | NULLABLE |

EARTHQUAKE

| Field | Description | Type | Default | Other |
|------------------|-------------|---------|---------|------------|
| ID | | int | | PK |
| DATA_SOURCE | | varchar | | FK |
| EQ_ID | | VARCHAR | | FK, UNIQUE |
| Date | | VARCHAR | | |
| Time | | VARCHAR | | NULLABLE |
| Latitude | | FLOAT | | |
| Longitude | | FLOAT | | |
| Type | | VARCHAR | | NULLABLE |
| Depth | | FLOAT | | NULLABLE |
| Magnitude | | FLOAT | | NULLABLE |
| Magnitude_Type | | VARCHAR | | NULLABLE |
| Source | | VARCHAR | | NULLABLE |
| Location_Source | | VARCHAR | | NULLABLE |
| Magnitude_Source | | VARCHAR | | NULLABLE |
| Status | | VARCHAR | | NULLABLE |

TORNADO

| Field | Description | Type | Default | Other |
|-------|-------------|------|---------|-------|
| ID | | int | | PK |

| Field | Description | Type | Default | Other |
|-------------|-------------|---------|---------|------------|
| DATA_SOURCE | | varchar | | FK |
| om | | varchar | | FK, UNIQUE |
| yr | | INTEGER | | |
| mo | | INTEGER | | |
| dy | | INTEGER | | |
| date | | VARCHAR | | |
| time | | VARCHAR | | NULLABLE |
| tz | | INTEGER | | NULLABLE |
| st | | VARCHAR | | NULLABLE |
| stf | | INTEGER | | NULLABLE |
| stn | | INTEGER | | NULLABLE |
| mag | | INTEGER | | NULLABLE |
| inj | | INTEGER | | NULLABLE |
| fat | | INTEGER | | NULLABLE |
| loss | | INTEGER | | NULLABLE |
| closs | | INTEGER | | NULLABLE |
| slat | | FLOAT | | |
| slon | | FLOAT | | |
| elat | | FLOAT | | NULLABLE |
| elon | | FLOAT | | NULLABLE |
| len | | FLOAT | | NULLABLE |
| wid | | INTEGER | | NULLABLE |
| ns | | INTEGER | | NULLABLE |
| sn | | INTEGER | | NULLABLE |
| sg | | INTEGER | | NULLABLE |
| f1 | | INTEGER | | NULLABLE |
| f2 | | INTEGER | | NULLABLE |
| f3 | | INTEGER | | NULLABLE |
| f4 | | INTEGER | | NULLABLE |
| fc | | INTEGER | | NULLABLE |