Database Schema
2/2/2016

Monitoring Site Location: Information about the monitoring site location.
  SitId - Primary Key
  SiteName - String, The name of the location
  Latitude - Float, Latitude of the location
  Longitude - Float, Longitude of the location
  State - String, State that the location is in
  County - String, County that the location is in
  Comments - String, Any comments pertinent to the location
  Belongs to : Observation values

Data Source: Information about the submitter of the measurement
  DataSourceId - Primary Key
  ContactName - String, Name of the person who submitted
  Phone - String, Phone number of the submitter
  Email - String, Email address of the submitter
  Address - String, Address of the submitter
  City - String, Residing city of the submitter
  State - String, Residing state of the submitter
  Zip Code - Integer, Zip code of the submitter
  Has Many : Observation Values

Observation Values: Information about the submission of the staff gauge measurement
  SubmissionId - Primary Key
  Measurement - Float, Measurement of the staff gauge.
  Local DateTime - Timestamp, Time and date of the location of the observation
  UTCOffset - Integer, The time-zone offset for the local date-time value.
  Has One : Monitoring Site Location