



AIM-AquADat

BLM DATA CERTIFICATION

The data represented in this certification document have been reviewed and are ready for publication.

These data were developed in accordance with the relevant processes in the BLM Data Administration and Management Handbook (H-1283-2) as well through review of the existing data standards. Additionally, BLM Manual Section 1283-Data Administration and Management, states that "the BLM, as an information resource, needs to ensure that the data it collects, uses, and disseminates relates to its mission requirements, is applied and used objectively, and has appropriate controls to protect privacy, proprietary, and confidential information."

A goal of BLM data management is "to ensure the BLM produces quality information that meets legal compliance requirements to support BLM program decisions, assure resource program integrity, and provide service to BLM employees and the public."

Dataset Description

This data set includes monitoring information collected throughout the Bureau to understand the condition and trend of stream and river systems. Data are collected in accordance with the BLM Assessment, Inventory, and Monitoring (AIM) Strategy, specifically AIM National Aquatic Monitoring Framework: Field Protocol for Wadeable Lotic System (TR 1735-2). The AIM Strategy promotes use of appropriate sampling designs, standard core indicators and methods, electronic data capture and management, and integration with remote sensing, where applicable. The data set includes basic reach info (e.g., slope, sinuosity, valley confinement, bankfull width), as well as information for the AIM core indicators for lotic systems: pH, conductivity, temperature, pool depth, length and frequency, streambed particle size, bank stability and cover, floodplain connectivity, large woody debris, macroinvertebrate biological integrity, ocular estimates of riparian vegetation cover and structure, and canopy cover. For some monitoring locations, information is also available for contingent indicators such as: total nitrogen and phosphorous, bank angle, thalweg depth profile, and pool-tail fines. These data entities are specific AIM indicators collected at locations across a diversity of BLM lands from Alaska to New Mexico for a variety of purposes and applications. Locations were chosen using either probabilistic or targeted sample designs, with the method specified herein. Monitoring information was collected by trained field crews and subject to quality assurance and quality control procedures.

Business Data Steward(s)

<i>Name</i>	<i>Data Steward Level</i>
Scott W. Miller	National - NOC
Mara Alexander	National - WO

Disclaimer Statement

These data are provided by Bureau of Land Management (BLM) "as is" and might contain errors or omissions. The User assumes the entire risk associated with its use of these data and bears all responsibility in determining whether these data are fit for the User's intended use. The information contained in these data is dynamic and may change over time. The data are not better than the sources from which they were derived, and both scale and accuracy may vary across the data set. These data might not have the accuracy, resolution, completeness, timeliness, or other characteristics appropriate for applications that potential users of the data may contemplate. The User is encouraged to carefully consider the content of the metadata file associated with these data. These data are neither legal documents nor land surveys, and must not be used as such. Official records may be referenced at most BLM offices. Please report any errors in the data to the BLM office from which it was obtained. The BLM should be cited as the data source in any products derived from these data. Any Users wishing to modify the data should describe the types of modifications they have performed. The User should not misrepresent the data, nor imply that changes made were approved or endorsed by BLM. This data may be updated by the BLM without notification.

Publication Schedule

Internal: The dataset will be published yearly or as updated on the NOC EGIS servers.

External: The data will be published externally or made available for sharing/download. It will be updated on an Annual basis, or as frequently as updates are permitted by field data collection QC processes.

Dataset Review

The data have been reviewed by the data steward.	Yes
The data were not manipulated or edited at the national level once submitted by the states and field offices. <i>Data creation and maintenance is the responsibility of a state or field office.</i>	N/A
The metadata has been reviewed and is complete.	Yes
The data quality report has been reviewed.	N/A
The data are of sufficient quality to be published internally. <i>The data are made available to all BLM employees. Continuous improvement of the quality of the data will be made over time.</i>	Yes
The data are to be published internally, but are sensitive and only available upon approval of data steward.	No
The data can be shared with partners. <i>Data sharing is to other business partners for use on specific projects. A partner must agree to use the data for the requested purpose and not share the data with other entities.</i>	N/A
The data are to be published externally. <i>External publication has the data made available for viewing to the public and all partners.</i>	Yes

Additional Dataset Review Comments

Indicators are calculated at the national level based on field submitted data. Only a portion of the entire AquaDat database will be published to public. This is the feature class view of a portion of the fields in the entire database suitable for public consumption.

SIGNATURES

The National Steward, by signing below has reviewed the dataset and certified the data for publication.

This form has digital signatures, right mouse click on "X", select Sign, follow instructions.

Reviewed by:

X Thomas R Chatfield

Tom Chatfield
Section Chief, Data Integration

Reviewed by:

X Scott W Miller

Scott W Miller
Business Data Representative

Reviewed by:

X Sarah Burnett

Sarah Burnett
Business Data Representative

Certified by:

X Mara Alexander 11/9/2018
Signed by: MARA ALEXANDER

Mara Alexander
WO 200
National Data Steward

Confirmed by:

X Cynthia Hernandez 11/9/2018
Signed by: CYNTHIA HERNANDEZ

Cynthia Hernandez
Public Affairs Official
signature required if external publication

