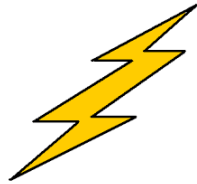


# Developing, Maintaining, and Publishing Documentation Standards



*Lightning Talk*

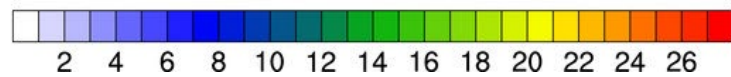
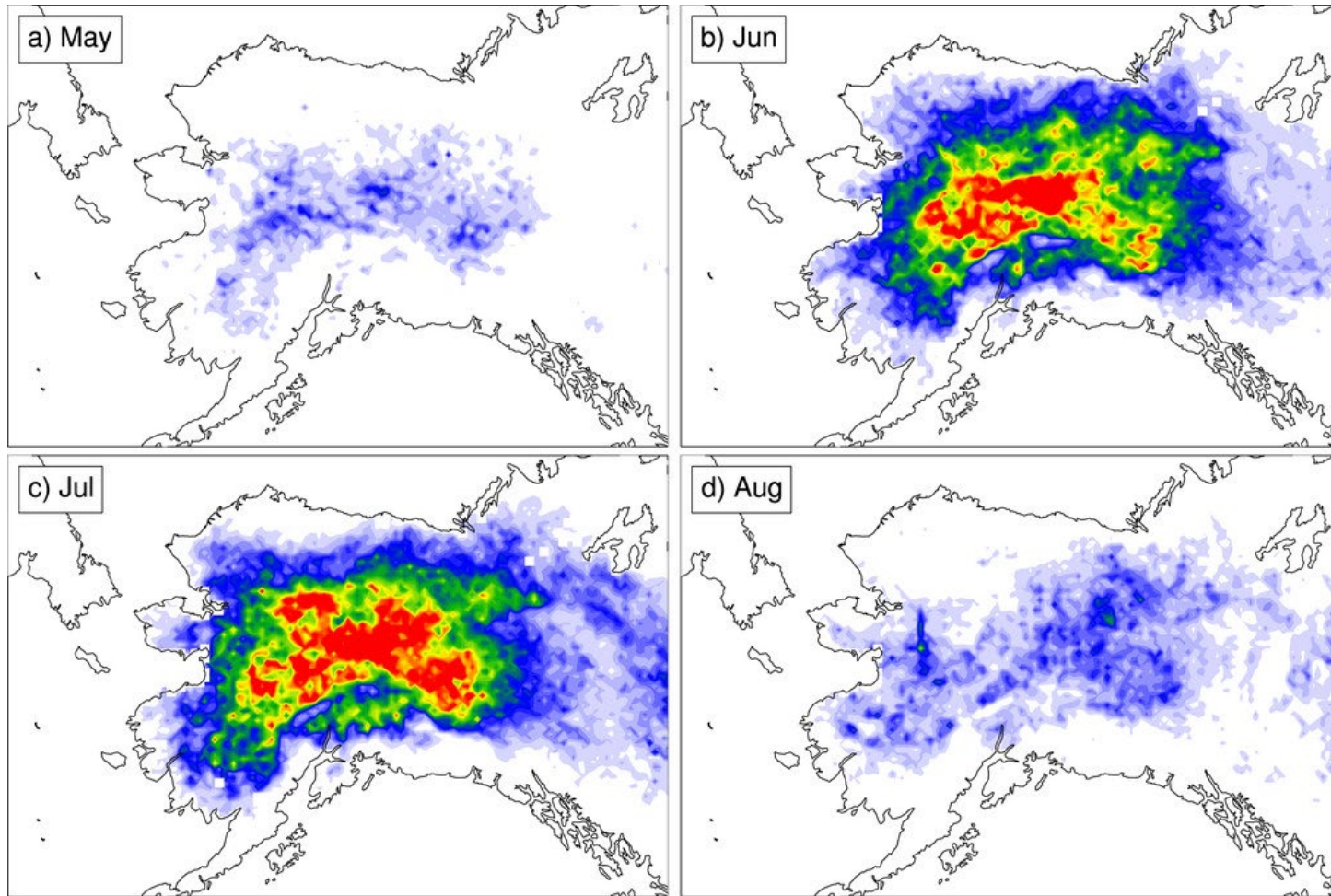


DMT 2023  
*21-24 May 2023*

Mike Hendricks, Amy Macpherson

**Alaska Division of Geological & Geophysical Surveys**  
3354 College Rd, Fairbanks AK 99709

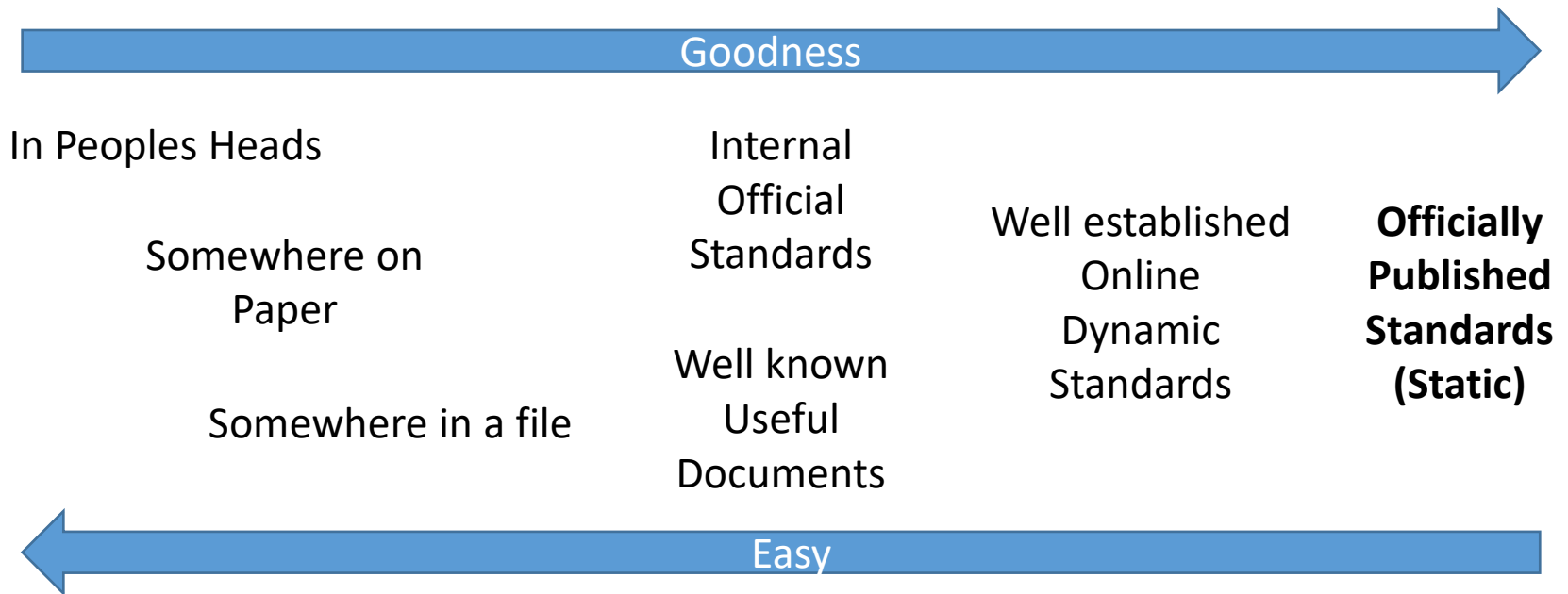




Monthly average number of lightning strikes  
In Alaska

Documentation:  
Information that describes the product to the  
people who develop, deploy and use it.

## Some Types



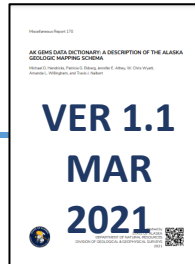
# AK DGGGS Foundational Published Standards

Provides AK DGGGS and others a reviewed, agreed upon, authoritative reference & guide  
*Decreases confusion and increases efficiency*

## AK GEMS DATA DICTIONARY: A DESCRIPTION OF THE AK GEMS DATABASE SCHEMA, MP 169



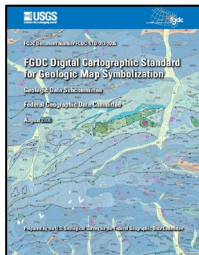
Based on



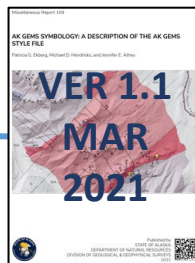
Includes:

- Report
- Data Dictionary
- Entity-Relationship Diagram
- XML Workspace Document

## AK GEMS SYMBOLOGY: A DESCRIPTION OF THE AK GEMS STYLE FILE, MP 167



Based on



Includes:

- Report
- Data Dictionary
- AK\_GeMS\_symbols\_ver\_1.style

## Developing & Documenting our Standards

### Weekly GEDI Meeting

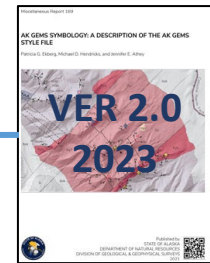
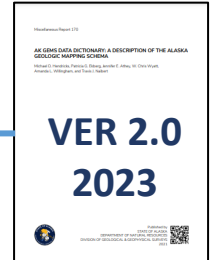
- GEologic Data Inquiry*
- Geologists & GIS members
- Ongoing since Apr 2018

### Key Tasks

1. GeMS Production Status Updates
2. Discuss Questions related to database creation for maps in production. Decide and Document Decisions.
3. Next Version schema change discussions. Decide and Document Decisions.



General  
DNR GGS GEDI Team



Also, we host a WEEKLY GIS Tips and Tricks Session

# AK DGGGS Future Published Standards

In Production, Summer 2023

- AK GeMS Geologic Mapping System, MP XXX

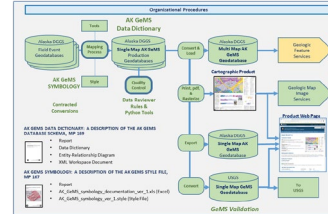
*Alaska DGGGS geologic mapping system (poster)*

*<https://dgggs.alaska.gov/pubs/id/30864>*

Desired

- AK GeMS Data Producers Guide
- Others?

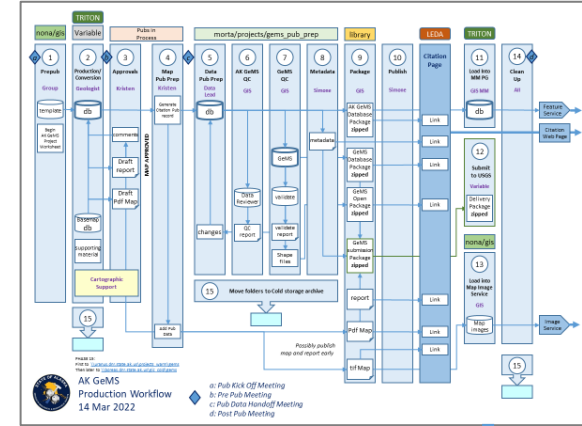
**Key question in all of this:**  
*What standards will be  
worth the effort to Publish?*



# Some AK DGGS Internal Documentation

## MS Teams Documents

- **AK GeMS GEDI Meeting Notes**
- **AK GeMS Production Workflow**
- **AK GeMS Production Workflow Tasks**
- **AK GeMS FAQ**
- **AK GeMS MM Key Tasks**
- Ver 2 Suggestions & Ver 2 draft documents
- **AK GeMS Geodatabase Packages Supporting Files**
- A bunch of ephemeral and/or forgotten documents, some of which need to be consolidated into official standards



## AK GeMS DBs in Production Planner App in MS Teams

