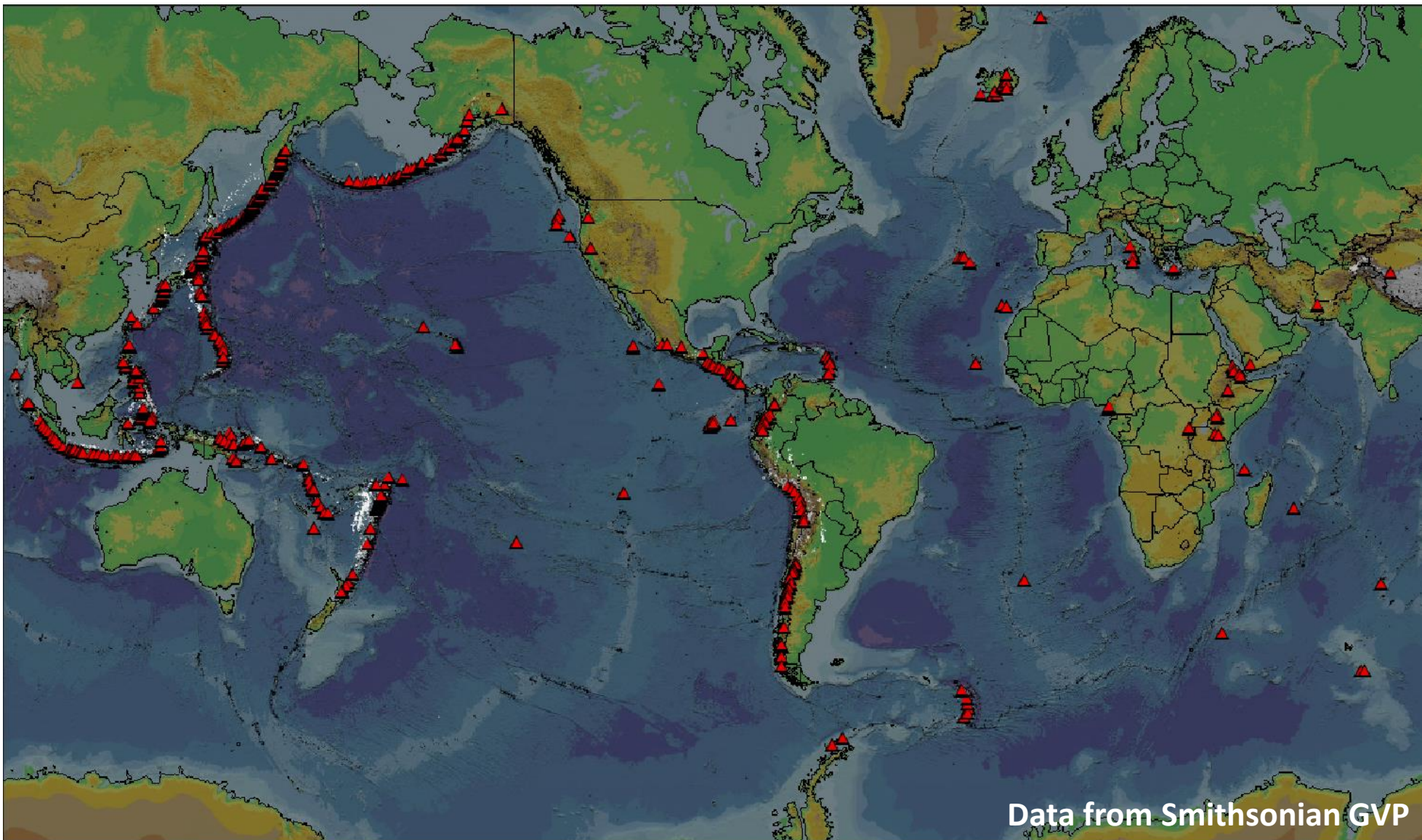


- (1) VOLCANO OBSERVATORY NOTICE FOR AVIATION — VONA
- (2) Issued: Universal (Z) date and time (YYYYMMDD/HHMMZ).
- (3) Volcano: Name and number (per Smithsonian database at <http://www.volcano.si.edu/world/>)
- (4) Current Aviation Colour Code: **GREEN, YELLOW, ORANGE, OR RED** in upper case bold font
- (5) Previous Aviation Colour Code: Lower case font, not bold
- (6) Source: Name of Volcano Observatory (volcanological agency)
- (7) Notice Number: Create unique number that includes year
- (8) Volcano Location: Latitude, longitude in NOTAM format (N or S deg min W or E deg min)
- (9) Area: Regional descriptor
- (10) Summit Elevation: nnnnn FT (nnnn M)
- (11) Volcanic Activity Summary: Concise statement that describes activity at the volcano. If known, specify time of onset and duration (local and UTC) of eruptive activity.
- (12) Volcanic Cloud Height: Best estimate of ash-cloud top in nnnnn FT (nnnn M) above summit or AMSL (specify which). Give source of height data (ground observer, pilot report, radar, etc.). “UNKNOWN” if no data available or “NO ASH CLOUD PRODUCED” if applicable.
- (13) Other Volcanic Cloud information: Brief summary of relevant cloud characteristics such as colour of cloud, shape of cloud, direction of movement, etc. Specify if cloud height is obscured or suspected to be higher than what can be observed clearly. “UNKNOWN” if no data available or “NO ASH CLOUD PRODUCED” if applicable.
- (14) Remarks: Optional; brief comments on related topics such as monitoring data, observatory actions, volcano’s previous activity, etc.
- (15) Contacts: Names, phone numbers (voice and fax), email addresses.
- (16) Next Notice: “A new VONA will be issued if conditions change significantly or the colour code is changes.” Indicate if final notice for an event. Include URL of Web site where latest volcanic information is posted.

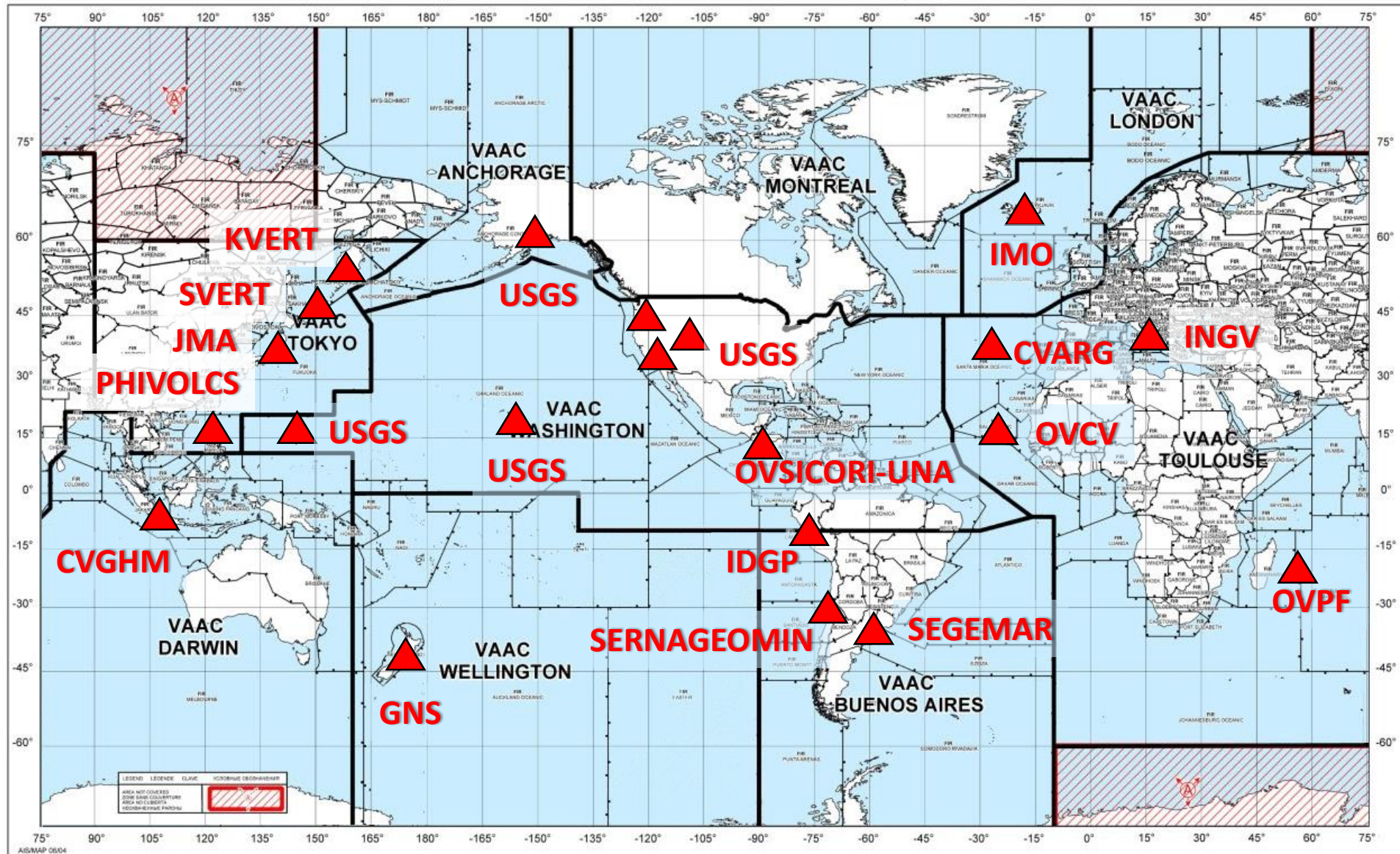
Volcano Observatory Notices to Aviation (VONA): Status and suggestions for improvements.

- SEVENTEENTH MEETING OF THE METEOROLOGY SUB-GROUP (MET SG/17) OF APANPIRG Bangkok, Thailand, 13 – 16 May 2013
 - That WOVO through IUGG be invited to: “promote increased use by volcano observatories of the aviation colour code and the Volcano Observatory Notice for Aviation (VONA) template”
- Questions sent to VAACs regarding whether VOs in their region sent VONAs and whether they followed ICAO format.
 - Do volcano observatories in your region of responsibility issue VONAs?
 - If yes, which ones?
 - If yes, are they following the format?

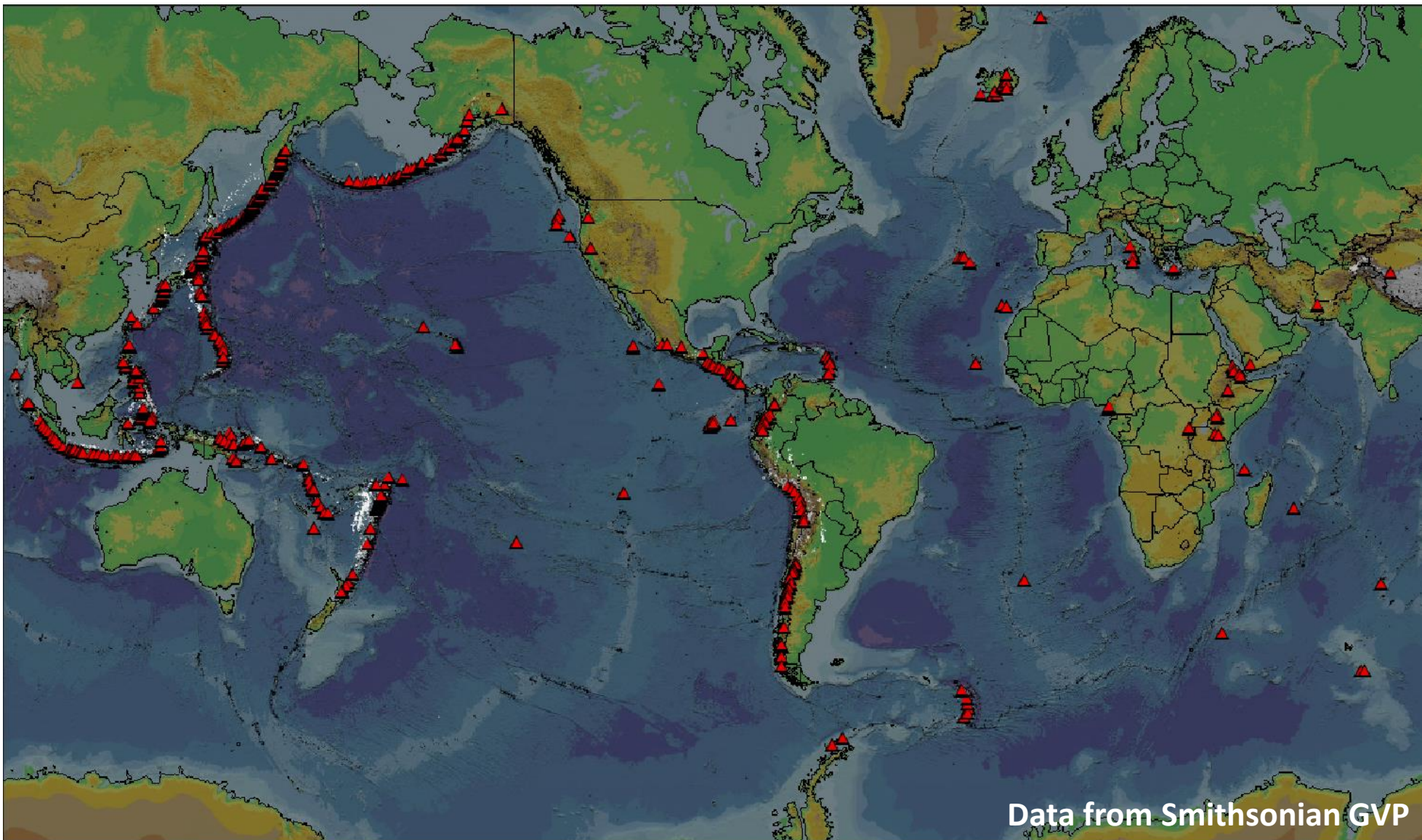
Volcanic Eruptions Since 1900



Volcano Observatories that issue VONAs



Volcanic Eruptions Since 1900



Volcano Observatory Notices to Aviation (VONA): Status and suggestions for improvements.

- What are some of the issues for VAACs.
- Open question: Should the USGS try to work with VOs to encourage the standard use of VONAs?
- Which areas have frequent activity that we might be able to prioritize for engagement?