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Science Publishing Network

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Adobe Illustrator Map Templates and Style Guides

Introduction

The Science Publishing Network (SPN) has created a set of Adobe Illustrator templates to use when preparing map sheets and oversized layouts. These map templates, which have been approved by the Visual Identity System Committee (VIScom), contain paragraph and character styles that can be used to quickly and easily format the various text elements that appear on a typical USGS map sheet or oversized layout (for example, title, authorship, date, series headnote, etc.). Additionally, each map template is accompanied by a style guide (in PDF) that shows the names of, and the specifications for, all the paragraph and character styles included in that template, as well as spacing guidelines, detailed notes on usage, and other guidance.

The map templates and associated style guides are available in several versions, suitable for a variety of maps and oversized layouts:

- For geologic maps that will have an accompanying pamphlet, a template is provided that contains only a List of Map Units (LMU), the symbol explanation, and a Correlation of Map Units (CMU) on the layout (the text, references, and full map unit descriptions are included in the pamphlet).
- For geologic maps that will NOT have an accompanying pamphlet, a template is provided that contains the text, references, a complete Description of Map Units (DMU), the symbol explanation, and a CMU on the layout (no pamphlet is needed).
- For other types of maps or oversized layouts, such as flood-inundation maps or oversized tables, two types of "generic" map templates are provided, one for maps or oversized layouts that will have an accompanying pamphlet, and another for maps or oversized layouts that will NOT have an accompanying pamphlet.

For each type of template, we offer separate versions that are suitable for single-sheet or multiple-sheet maps and oversized layouts, as well as for offset-print or online-only maps and oversized layouts.

Notes:

- The style guides are informational PDF files only and do not contain any paragraph or character styles—to apply actual styles to a layout, please use the appropriate map template file.
- the map templates have been designed for maps and oversized layouts in the scientific investigations map (SIM) series, they can easily be modified for maps and oversized layouts in the open-file report series (or for plates in the scientific investigations report or professional paper series) by changing the map series headnote (in the upper right corner of the map layout) to the appropriate series.
- You will need to download and install the FGDCGeoAge font for the templates to function properly. See "Fonts" section, below.

Use of the Map Templates

The Adobe Illustrator map templates are intended to provide tools and a framework by which authors may visualize their map sheet or oversized layout during compilation. Use of the map templates also may expedite preparation of the final products by the SPN. Please note, however, that the SPN does not require that a map sheet or oversized layout be completely formatted prior to editorial review.

The following guidance is applicable to all map sheets and oversized layouts:

- Authors should continue to use the USGS map manuscript template (MS Word) to prepare their map manuscripts.
- Authors should continue to submit all map components separately to the SPN for editorial review, including the map text and map unit descriptions in double-spaced manuscript format.
- The SPN will review and edit the double-spaced manuscript and all associated digital files for accuracy and consistency before final publication.
- The SPN will use the templates when preparing maps sheets and oversized layouts for final publication.
- The SPN will make the final publication files ready for Web posting or for offset printing.

If you are in the concept stage of a map product or series of products and would like advice on incorporating the templates into your workflow, or if you need technical assistance with using the templates, please contact the Map Template Team. Also, the SPN now offers the service of creating customized map templates for a series of products that will share the same design. Please contact your PSC Chief if you have such a need.

Although the templates have been beta-tested with authors and publishing professionals, there will always be room for improvement as they are used by more people and in new ways. The Map Template Team would appreciate any feedback as you start to use the templates.

Revision Notice

The original versions of the map templates and their associated style guides were marked as version 1.0, dated April 2011. In August 2011 each template was packaged with its accompanying style guide in a Zip archive for easy downloading.

In January 2015, the map templates and their associated style guides were updated to reflect the new URL/hyperlink style change. In addition, the Helvetica and Symbol fonts have been replaced by Arial, and other fonts have been updated to their OpenType versions wherever possible. The updated map templates and associated style guides, which are marked as version 1.1 and are dated January 2015, have been packaged in Zip archives for easy downloading. As further revisions become necessary, the templates and style guides will be replaced with new versions.

Fonts

- USGS Visual Identity System (VIS) Fonts
- Geologic Age Symbol Font (FGDCGeoAge)
    - OpenType version (Mac and Win/UNIX)
    - Legacy versions (TrueType and Type 1) Mac [118 kb], Win/UNIX [182 kb]
    - For additional information, see Appendix A, section 32, in FGDC Digital Cartographic Standard for Map Symbolization

- USGS Hydro Font

Templates

The map templates and their associated style guides, which can be used on Windows and Macintosh operating systems, may be downloaded by following the links below:

Templates (and Style Guides) for *Geologic Maps*:

Will the geologic map be **accompanied by a pamphlet**?

- … **printed and folded** into a map jacket?
  - … **one sheet**?
    - Use MapTemplate-StyleGuide_LMU_print_1sht_v1-1_01-15.zip
  - … **more than one sheet**?
    - Use MapTemplate-StyleGuide_LMU_print_morethan1sht_v1-1_01-15.zip

- … **printed flat (poster style)**, without a map jacket?
  - … **one sheet**?
    - Use MapTemplate-StyleGuide_LMU_printFLAT_1sht_v1-1_01-15.zip
  - … **more than one sheet**?
    - Use MapTemplate-StyleGuide_LMU_printFLAT_morethan1sht_v1-1_01-15.zip

- … **online only**?
  - … **one sheet**?
    - Use MapTemplate-StyleGuide_LMU_online-only_1sht_v1-1_01-15.zip
  - … **more than one sheet**?
    - Use MapTemplate-StyleGuide_LMU_online-only_morethan1sht_v1-1_01-15.zip

Will the geologic map **NOT be accompanied by a pamphlet**?

- … **printed and folded** into a map jacket?
  - … **one sheet**?
    - Use MapTemplate-StyleGuide_DMU_print_1sht_v1-1_01-15.zip
  - … **more than one sheet**?
    - Use MapTemplate-StyleGuide_DMU_print_morethan1sht_v1-1_01-15.zip

- … **printed flat (poster style)**, without a map jacket?
  - … **one sheet**?
    - Use MapTemplate-StyleGuide_DMU_printFLAT_1sht_v1-1_01-15.zip
  - … **more than one sheet**?
    - Use MapTemplate-StyleGuide_DMU_printFLAT_morethan1sht_v1-1_01-15.zip

- … **online only**?
  - … **one sheet**?
    - Use MapTemplate-StyleGuide_DMU_online-only_1sht_v1-1_01-15.zip
  - … **more than one sheet**?
    - Use MapTemplate-StyleGuide_DMU_online-only_morethan1sht_v1-1_01-15.zip

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Templates (and Style Guides) for "*Generic*" [*non-Geologic*] Maps and Oversized Layouts:

Will the "generic" map or oversized layout be **accompanied by a pamphlet**?

- … **printed and folded** into a map jacket?
  - … **one sheet**?
    - Use MapTemplate-StyleGuide_GENERICw-pamphlet_print_1sht_v1-1_01-15.zip
  - … **more than one sheet**?
    - Use MapTemplate-StyleGuide_GENERICw-pamphlet_print_morethan1sht_v1-1_01-15.zip

- … **printed flat (poster style)**, without a map jacket?
  - … **one sheet**?
    - Use MapTemplate-StyleGuide_GENERICw-pamphlet_printFLAT_1sht_v1-1_01-15.zip
  - … **more than one sheet**?
    - Use MapTemplate-StyleGuide_GENERICw-pamphlet_printFLAT_morethan1sht_v1-1_01-15.zip

- … **online only**?
  - … **one sheet**?
    - Use MapTemplate-StyleGuide_GENERICw-pamphlet_online-only_1sht_v1-1_01-15.zip
  - … **more than one sheet**?
    - Use MapTemplate-StyleGuide_GENERICw-pamphlet_online-only_morethan1sht_v1-1_01-15.zip

Will the "generic" map or oversized layout **NOT be accompanied by a pamphlet**?

- … **printed and folded** into a map jacket?
  - … **one sheet**?
    - Use MapTemplate-StyleGuide_GENERICno-pamphlet_print_1sht_v1-1_01-15.zip
  - … **more than one sheet**?
    - Use MapTemplate-StyleGuide_GENERICno-pamphlet_print_morethan1sht_v1-1_01-15.zip

- … **printed flat (poster style)**, without a map jacket?
  - … **one sheet**?
    - Use MapTemplate-StyleGuide_GENERICno-pamphlet_printFLAT_1sht_v1-1_01-15.zip
  - … **more than one sheet**?
    - Use MapTemplate-StyleGuide_GENERICno-pamphlet_printFLAT_morethan1sht_v1-1_01-15.zip

- … **online only**?
  - … **one sheet**?
    - Use MapTemplate-StyleGuide_GENERICno-pamphlet_online-only_1sht_v1-1_01-15.zip
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