

Soil Survey Areas - Content Description

Section IIA. Soils Information contains a folder for every Alaska soil survey area. The survey area is indicated by the folder name. All content was derived from either the National Soils Information System (NASIS) or the final soil survey manuscript. The State Soil Scientist, Natural Resources Conservation Service, Alaska, has certified all content for distribution and use.

email: [State Soil Scientist](#)

telephone: 907-761-7700

Soil Reports

Soil Reports is a link to the reports page of Soil Data Mart (SDM), the national repository and delivery point for official, certified soil survey data. From the reports page you can generate manuscript style tabular reports for selected map units within a survey area. The reports page also provides links to other pages on SDM from which you can

- **download spatial and tabular data for a survey area,**
- **download a Microsoft Access template database,**
- **subscribe to a survey area,**
- **and view metadata about a survey area.**

If you have Geographic Information System (GIS) software on your computer, the spatial and tabular data will allow you to view the soil survey map and create other interpretative maps and reports. If you have the appropriate version of Microsoft Access, the template database will allow you to generate tabular reports on your computer independent of the internet. When you subscribe to a soil survey area, you will receive email notification following updates to survey area data.

Generating tabular reports:

The reports page on SDM and the template database work similarly. From the reports page in SDM or the “Soil Reports” form, you can select which soil report to view and which map units to include in the report. Click on “Selection Help” for help in selecting map units. After selecting one or more map units from the map unit list and a report from the report list, click on “Generate Report” to view the report.

Some reports require additional input parameters. When a report of this kind is selected from the report list in SDM, a new screen opens from which you can select the additional parameters. In the template database, the “Generate Report” button changes to “Select Parameters”. Click on “Select Parameters” to open a form from which you select parameters. After you have selected additional input parameters, click on “Generate Report” to view the report.

In the template database, you can view additional information about the database in the various systems reports, accessible from the “System Reports” button on the “Soil Reports” form. System reports describe the functionality and structure of the database, as well as document the vintage of the soil survey data that currently resides in template database.

Template database:

The template database also is designed to work together with USDA Soil Data Viewer to generate and display tabular reports and with a digitized soil map, ESRI ArcView software, and Soil Data Viewer, to process and display interpretive maps.

Soil Data Viewer (SDV), developed and distributed by USDA NRCS, provides easy access to NRCS soils data to process and display tabular reports and interpretive maps. SDV displays tabular reports generated from the attribute database. SDV produces maps in ESRI ArcView from digital soil data and the attribute database.

Additional information: <http://www.itc.nrcs.usda.gov/soildataviewer/>

ArcView is Geographic Information System (GIS) software developed and distributed by Environmental Systems Research Institute, Inc. (ESRI) for desktop GIS and mapping. ArcView enables you to visualize, explore, query, and analyze data geographically.

Additional information: <http://www.esri.com/>

Other Documents

Other documents listed under each soil survey area contain data that you cannot generate from the SDM reports page. Document content is indicated by the title.