

US Forest Service

Caring for the land and serving people



Fire & Aviation Management

GISS Hard Drive 2014 – What's New?



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GISS Intermed**





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Design:

- | | |
|----------------------|----------------|
| 1_Documents | Landcover |
| 1_HelpMe_TipSheets | Logos |
| 1_Sys | Municipal |
| Agency_Data | Ownership |
| Agriculture | Political |
| Biology | Population |
| Boundary | Recreation |
| Cultural_Resources | Reference |
| Ecology | Safety_Hazards |
| Elevation | Soil |
| Facilities_Landmarks | Survey |
| Fire_Fuels | Topo_Quads |
| Geology | Transportation |
| Hydrology | Utilities |
| Imagery | Weather |

- 0_2014_GSTOP_2014_File_Namer_CA_vers.xlsx
- 0_2014_GSTOP_File_Namer_updt2014_0407.xlsx
- 1_GISS_DriveQuickPics.mxd
- 2012_0430_GISS_2012_HardDrive_Procedures.docx
- 2012_ContactList_CAL FIRE.xlsx
- 2012_ContactList_CAL FIRE.xlsx.xml
- 2013_0329_GISS CA Team Contact List.xlsx
- 2013_ContactList_BIA.doc
- 2013_ContactList_BLM.xlsx
- 2013_ContactList_CAL FIRE.xlsx
- 2013_ContactList_FWS.rtf
- 2013_ContactList_FWS_R8 FMZ Map - 2013 CA Mob Guide_20130109.pdf
- 2013_ContactList_NPS_MOBGuide.pdf
- 2013_ContactsList_USFS_R5_GIS.xlsx
- 2013_ContactsList_USGS.xlsx
- 2014_ContactList_NPS.rtf
- GISS_HardDrive_Inventory_2014_0403_updateLPL.xlsx
- GISS_HardDrive_Inventory_2014_0408_updateLPL.xlsx
- HSIP Gold 2013 Data List.xlsx



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Inventory XLS – helps you find data!!

100's of new databases – all in red, new USGS GeoTIFFs are available (and old ones too!), still more being added – responding to the requests from email and the After Action Review survey

THEME	Name	Type	Description	Source	Comments
TOPO_QUAD	f100nv.sid	sid file	1:100K topoquad mosaic NV		metadata .txt file
TOPO_QUAD	f100nv_11nad27.sid	sid file	1:100K topoquad mosaic NV		metadata .txt file
TOPO_QUAD	f100or.sid	sid file	1:100K topoquad mosaic OR		metadata .txt file
TOPO_QUAD	o_sacramento.sid	sid file	1:24K topoquad mosaic		no metadata
TOPO_QUAD	o_sacramento_lwr.sid	sid file	1:24K topoquad mosaic		no metadata
TOPO_QUAD	o_sierra_cen.sid	sid file	1:24K topoquad mosaic		no metadata
TOPO_QUAD	o_sierra_so.sid	sid file	1:24K topoquad mosaic		no metadata
TOPO_QUAD	0_sierra_no.sid	sid file	1:24K topoquad mosaic		no metadata
TOPO_QUAD	o_southcoast.sid	sid file	1:24K topoquad mosaic		no metadata
TRANSPORTATION					
TRANSPORTATION	Transportation_NA_Esri	SDC (Smart Data Catalog)	Esri Transportation Database for all of North America - highways, interstates, state roads, streets, railroads, exits, etc.	Esri	This is a comprehensive database with symbols preset to mapping standards USE THIS! Legend is dynamic and brings up additional details as you zoom in. Grouping at the top will draw all features independent of the scale as well.
TRANSPORTATION					
TRANSPORTATION	Bridges_local_br_CALTRANS_2013.shp	Shapefile	Local Bridges	CALTRANS	
TRANSPORTATION	Bridges_state_br_CALTRANS_2013.shp	Shapefile	State Bridges	CALTRANS	
TRANSPORTATION	HighwayCAState_2013_In.shp	Shapefile	CALTRANS Hightways - RouteType field added to support symbology and labelling	CALTRANS	
TRANSPORTATION	Airport_point_USA_Esri.SDC	SDC (Smart Data Catalog)	Airport point locations USA	Esri	
TRANSPORTATION	Airport_poly_USA_Esri.SDC	SDC (Smart Data Catalog)	Airport polygon locations USA	Esri	Has congestion and hub size in the database
TRANSPORTATION	caltrans.gdb	File Geodatabase	County Streets		



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GISS Hard Drives – 1_Documents folder:

Organization Tools – Crew Time, Map request, resource ordering, GISS Tasks, etc.

Training Materials – AGWA (watershed modeling for DOI), soon to add Wildcat (watershed modeling USFS is using), Soil Burn Severity, FIMT Refresher, S-341, GISS Intermediate, IRIN Class, etc

Plotter Information – spec sheet, order forms, etc.

Others – taks book, File namer, GSTOP, etc.

- 0_OrganizationalTools
- 0_Training_AGWA
- 0_Training_SoilBurnSeverity
- 2014_{incident_name}
- 2013_GISS_HardDriveOverview
- 2014_IRIN_Class
- 2014_PlotterInformation
- FIMT_Refresher_ArcGIS10
- GISS_Intermediate_Class_2013
- GISS_Intermediate_Class_2014
- GISS_S-341_Class_2014
- GPS_Garmin_For_FireManagement_Class_2013
- GPS_Trimble_USFS_Training_Mapping-GradeGNSS_2011
- 2009_giss_taskbook.pdf
- 2011_NIROPS_FieldGuide_1309-RPT3-2000-rev-20110329.pdf
- 2012_Infrared_Field_Users_Guide_20121221.pdf
- 2012_Infrared_Vendors_Listing_Appendix_20121221.pdf
- 2012_MAC_Remote_Sensing_03.pdf
- 2013_GSTOP_2012DRAFTv2_20130305_TConAccept4PDF.pdf
- 2013_GSTOP_File_Namer.xlsx
- 2013_GSTOP_File_Namer_2014_CA_vers.xlsx
- 2013_WildfireMag_ITandManagingFire_article.pdf
- GSTOP_2013.style
- OLD_2005_GISTHandbook_draft1.pdf
- OLD_2006_GSTOP7_OLD-VERSION-DONOT USE.pdf



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GISS Hard Drives – 1_HelpMe_TipSheets folder:

Tips & Tools – Contours, CopyPasteRaster tool Feature2GPX, FIMT2Garmin, FireProgression Tools, GeoPDF2TIFF, HP1055Tools, MobileApps (Avenza, iGIS), QRCodeTools, etc.

Others – tips for ArcGIS 10.0 transistioning, Fire DataSources sheets, ArcPress, LatLong Distance tables, USFS PowerBroker Setup and Workarounds

- Contouring
- Coordinate Systems
- CopyPasteRasterSymbology_toolbox
- Feature2GPX
- FIMT2Garmin
- FireProgressionTools
- GeoPDF2TIFF_GlobalMapper
- HP1055Tools
- MobileAppsNotes_Avenza
- MobileAppsNotes_iGIS
- QRCodeTools
- RepairBrokenDataSourcesTool
- SimplifyClassifiedGrid
- USNG_help
- z_GeoPDFtoGeoTiff
- 0_TipsForTransitioningFromArcGIS 10.0_To_ArcGIS10.x_v6.docx
- 2014_GSTOP_File_Namer.xlsx
- 201307_Fires_AK_DataSources24July2013.pdf
- 201307_Fires_CA_DataSources24July2013.pdf
- 201307_Fires_ID_DataSources24July2013.PDF
- ArcPress_Solution_ArcGIS10.docx
- Calc_Fire_Freq_And_Recency.py
- Calc_Fire_Freq_And_Recency.tbx
- GeoPDF2TIFF_GlobalMapper.zip
- LatLong_DecimalPlaces_ActualDistance_table.rtf
- PDFbooksFromMultiplePDFs.docx
- USFS_AdminRightsViaPowerBroker.pdf
- USFS_PowerBrokerWorkaroundsUSFS.rtf
- zOLD_Esri_FileGdb_Win7_NetworkShare_Error.pdf



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GISS Hard Drives – 1_Sys folder:

- | | |
|--------------------------------|------------------------------------|
| Adobe_TerraGo_Plugin | FireFamilyPlus41 |
| AdobeCS6 | FireFox23 |
| AdobeDigitalBooks | FTP_Tools |
| ArcGIS_101_aInstall | GarminBaseCamp |
| ArcGIS_101_bServicePacks | GoogleEarth |
| ArcGIS_101_cExtensions | GPS_Trimble |
| ArcGIS_102_aInstall | Metadata |
| ArcGIS_102_bServicePacks | USFS_EDC_Software |
| ArcGIS_102_cExtensions | USFS_GIS_FIRE_Folder_Template |
| ArcGIS_102_PythonScripts | USFS_GIS_Folder_Template |
| ArcGIS_1021_aInstall | USFS_GIS_Lab_WorkRequest_Documents |
| ArcGIS_Explorer_Desktop | VideoEditor |
| ArcGIS10 | VPN |
| ArcInfo_Workstation_10 | WD_Passport_Drivers |
| ArcTutor_Training_Materials | WD_PassportTools |
| Backup_Tools | WindNinja |
| CobraFireWatch_Tools | WindowsTools |
| Drivers_Printers-Plotters_2014 | Zip_Tools |
| Esri_Tool | |

Software Installs –
ArcGIS 10.1, 10.2, and 10.2.1 installs
(10.0 is there too)

ArcGIS Workstation – if you need it

Others – Backup_Tools, Drivers,
FTP_Tools, Garmin, Trimble, Windows
Tools, Zip Tools



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GISS Hard Drives – Final Thoughts & Future Plans:

- **Test Indexing:**

- ArcGIS 10.1 & up - indexing for supporting spatial search– testing persistence on file-based system. Discussed in What's New presentation.

- **Setup Quick Grab MXD:**

- Done – continue to maintain will demo more in the GISS Hard Drive presentation.

- **More Data & Update Data – fix & update layer files**

- **Migrated to 10.1:**

- Have started migration up to 10.1 for layer files and databases. These cannot be opened with ArcGIS 10.0

- **CRISIS – my hard drive crashed OR data is corrupt:**

- If you need an update I have spares, but I can only loan them out.
- CA Type I and II teams I will replace your drives, others must provide these.
- Versioning in place – 6 versions in 2013.



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QUESTIONS

GISS Hard Drive Webinar – being planned for May 2014 – everyone invited!

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