

Map Making 101

Sample Maps

The following are preliminary maps based upon personal research, and public domain information from the Internet - and are not to be construed as suitable for Orienteering, or approved by the Possum Trot Orienteering Club

<u>Location</u>	<u>Date of File</u>	<u>File Format</u>	<u>Comments</u>
Longview Lake	8 May 2003	JPG	This is why it is a good idea to start a mapping project by driving the main roads of the park with a GPS. The magenta line is an actual GPS track log. Bottom left is the junction of four topo quads, one of which is improperly georeferenced by USGS. The corresponding DOQQ aerials were aligned properly.
Bartle Scout Reservation	23 Aug 2004	OCAD 8, 363 Kb	PTOC member requests map for Boy Scout Orienteering event
James A. Reed	8 Feb 2005	OCAD 8, 300 Kb	This is a large park with many fishing lakes. SDTS, DOQQ and GPS field work on the trails.
Sky Country Lodge	9 Mar 2005	OCAD 8, 309 Kb	This is an airstrip used for aerobatic training in Alabama. Internet data, DOQQ and several days' worth of GPS tracks and waypoints, on foot and on ATV.
Buffalo National River	30 Apr 2005	OCAD 8, 3.7 Mb	Research for a canoe trip. DEM, SDTS, topos, aerials and TIGER data.
Honey Creek	28 Oct 2005	OCAD 8, 709 Kb	Research into a potential O'site
Camp Oakledge GSA	29 Jan 2006	OCAD 8, 313 Kb	A request from the Girl Scouts
Blue River Parkway	26 Mar 2006	OCAD 8, 720 Kb	This map was made from DEM and SDTS vector data from the Internet - a single hand-drawn parking area from the aerials, no field checking. Not all areas have this amount of SDTS detail available.
Swope Park	26 Mar 2006	Adobe PDF	A subset of BRP. This map was made strictly from DEM and SDTS vector data from the Internet - nothing hand-drawn, no field checking. Not all areas have this amount of SDTS detail available.
Center Middle School	2 Jul 2006	OCAD 8, 347 Kb	This map was made from DEM and SDTS vector data from the Internet - and hand-drawn details interpreted from DOQQ and color aerial photographs from GlobeXplorer.
Smithville Lake	17 Aug 2006	Adobe PDF, 1.2 Mb	Occasionally PTOC looks for "new turf". This map started in Sep 2004; I took a relook with TIGER 2005 vector data. In general, from what I have seen - when TIGER cartographers are dealing with areas which have no street address, they can get very sloppy. Extensive rework via DOQQ and GlobeXplorer aerials for the "Clay County Park" area (incomplete). The Honker Cove Waterfowl Refuge - directly north, may have potential in conjunction...
Longview Lake Park	24 Aug 2006	Adobe PDF, 598 Kb	Plentiful SDTS data for 4 topo quads. Nothing hand-drawn
Lawrence, KS	26 Aug 2006	Adobe PDF, 3.5 Mb	Lake Perry, Lawrence and Lake Clinton. No SDTS data for this area; vector data is from TIGER 2005se and 30-meter DEMs - 2 counties and 8 topo quads. This is about the area limit for OCAD 8. Nothing hand-drawn.
Albuquerque East	12 Sep 2006	OCAD 8, 1 Mb	Andrea came to the MM101 seminar to learn how to create maps for her local Orienteering club. This is the first area I have seen which has Urban Area High Resolution Aerials available from the USGS. The resolution is 0.25 meters/pixel - at a 1.7 Gb filesize, it's too big a template for OCAD 8 to deal with it! (We're seeing individual bushes at this level) We'll have to bust it up into smaller pieces... Enjoy, Andrea!

Van Horn High School	24 Sep 2006	OCAD 9, 217 Kb	Requested by a teacher at the same school
Jacob Loose Memorial Park	27 Sep 2006	OCAD 9, 261 Kb	Replace ancient map for upcoming club event