

HYDROPLUS™ GIS

an ESRI® ArcPad™ 6 Template

Record Position Tagged Water Quality Data Directly into the GIS
with the Click of a Button

Features Include:

- Integrates a Windows/Windows CE computer, a multiparameter water quality probe, and a GPS receiver into a field data collection system.
- Maintains all the functionality of ArcPad 6; works directly with industry standard ESRI shapefiles
- Continuous display of water quality and GPS data.
- Create points based on current locations, or by simply tapping the touch screen with the current line of water quality data appended to it.
- Data stored in .dbf format that can be imported into other programs such as Excel or Seveno's DataSight™ or Lakewatch for further analysis and graphing.

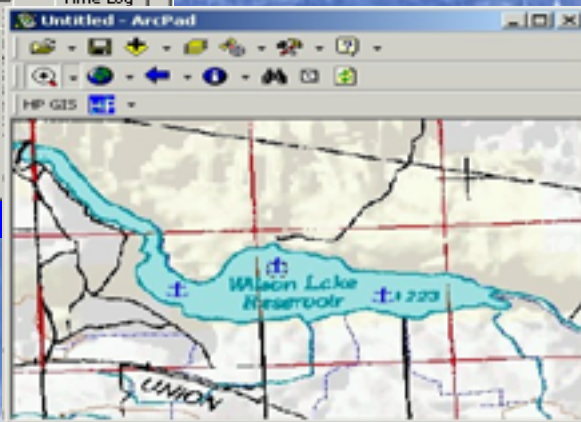


Hydro Plus GIS ver.1.00

Time HHMMSS	141830	<input checked="" type="checkbox"/>	Temp °C	23.74	<input type="checkbox"/>	Snake River Station19
DO% Sat	23.9	<input type="checkbox"/>	SpCond mS/cm	0.842	<input type="checkbox"/>	Stop
DO mg/l	1.92	<input type="checkbox"/>	IBatt Volts	0.0	<input type="checkbox"/>	Write
Sal ppt	0.44	<input type="checkbox"/>	Dep200 meters	-0.4	<input type="checkbox"/>	Time Log
pH Units	8.40	<input type="checkbox"/>				

OK Cancel

Data Capture from Sonde



Sonde data brought into ArcPad

ELECTRONIC

DATA SOLUTIONS™

P. O. Box 31 • Jerome, ID 83338 • Phone: 1-208-324-8006
Fax: 1-208-324-8015 • www.elecdata.com

Features cont.:

- Timed Log–Data is stored automatically at a preset interval until the user stops it
- Allows for hand-keyed annotations
- Choose which fields get recorded or not recorded within the shape file
- GPS navigation to relocate point data
- GPS positions recorded with Trimble™ GPS receivers can be differentially corrected by using Trimble GPScorrect™ software
- Use on any Windows or Windows CE device that ArcPad 6 supports

Requirements:

HydroPlus GIS is designed to be used with ArcPad 6 software; therefore an ArcPad 6 license is required. It will run on any Windows device with a RS232 serial port that ArcPad 6 supports.

Desktop PC

Processor: 486 or higher
Operating System: Microsoft Windows 95, 98, Me, NT, 2000, or XP
RAM: 32 MB or Greater
Serial Port: Standard RS232 Serial Port (Two if using GPS)

Windows CE or Pocket PC

Processor: Intel StrongARM, Hitachi SH3, MIPS R39x or R41x, x86
Operating System: Microsoft Windows CE 2.11 or greater.
Memory: 32 MB RAM (64 or greater recommended)
Desktop Software: Microsoft ActiveSync 3.0 or higher (3.5 Recommended)
Serial Port: Standard RS232 Serial Port (Two if using GPS)

Tested Multiprobes

HydroPlus GIS has been tested with the following multiprobes. If your particular model is not listed, we will test it before you purchase HydroPlus. Either internal battery or external battery pack is required.

- In-Situ MP-TROLL 9000 and miniTROLL probes (Late Spring Release.)
- Hydrolab Series 4 or 4a MiniSonde® or DataSonde® in ANSI mode.
- YSI 6920, 600 LXM

GPS Receivers

Compatible GPS receivers that support any of the following GPS protocols:

- NMEA (National Maritime Electronics Association)
- TSIP (Trimble's binary protocol)
- DeLorme Earthmate binary protocol

Pricing (3/15/04)

ArcPad 6 Software (HYD-310) \$595
with HydroPlus GIS Template

(Electronic delivery)

Includes ArcPad, HydroPlus GIS and User Documentation

ArcPad 6 Software (HYD-311) \$695
with HydroPlus GIS Template

(Boxed software and printed user manual)

Includes ArcPad and HydroPlus GIS

HydroPlus GIS ArcPad 6 (HYD-410) \$129
Template Only

(Electronic delivery)

Includes HydroPlus GIS and User Documentation

HydroPlus GIS ArcPad 6 (HYD-411) \$159
Template Only

(Boxed software and printed user manual)

Includes HydroPlus GIS

Trimble GPScorrect(46837-00-EN G) \$495
Software

(Includes boxed software set for

Trimble GPScorrect and user documentation)

Allows for real-time differential correction and post processing of GPS data within ArcPad



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