



How to read data off a Solnist Levelogger

Instructions for downloading data off a Solnist Levelogger pressure transducer. We use these pressure transducers to measure water level over several months

Written By: Jacquelyn

The screenshot displays the Solnist Levelogger software interface. At the top, there are tabs for 'Datalogger Settings', 'Data Control', 'Real Time View', 'Data Wizard', 'Conductivity Cal', and 'Leveloader'. Below the tabs, there are icons for a monitor, a folder, and a document, along with a 'Com Port:' dropdown menu. The interface is divided into several sections:

- Datalogger Information:** Includes fields for Status, Start Time, and Stop Time.
- Datalogger Memory:** Shows 'Used Memory' and 'Free Memory' with corresponding input fields and 'Reading(s)' and 'Rea' labels.
- Datalogger Sampling Mode:** Features a dropdown menu with a question mark icon.
- Datalogger Memory Mode:** Has two radio button options: 'Slate' (selected) and 'Continuous'.
- Datalogger Time:** Includes a 'Synchronize' button and a 'Computer Time: 7/3/2020 4:25:50 PM' display.

On the left side, there are fields for 'Serial Number:', 'Instrument Type:', and 'Firmware Version:'. Below these are 'Location:' and 'Project ID:' fields. A large empty text area is at the bottom left. A battery level indicator is visible on the right side of the left panel.

INTRODUCTION

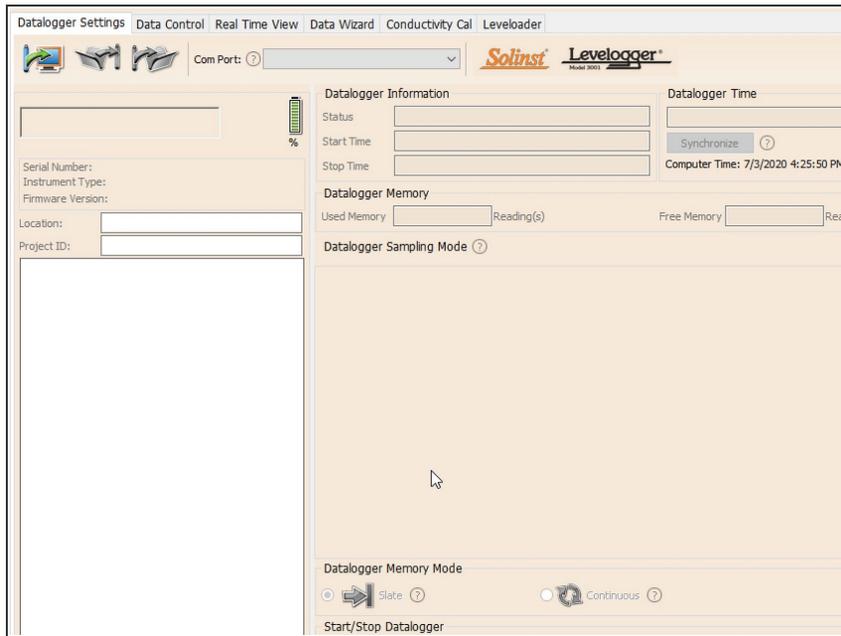
This guide is for pulling data off a Solnist Levelogger that has been deployed in the field.



PARTS:

- [Solnist Levelogger Model 3001](#) (1)
 - [Direct Read Optical Cable](#) (1)
 - [Computer with Windows OS](#) (1)
-

Step 1 — Download the latest version of the Solinst Levelogger Software



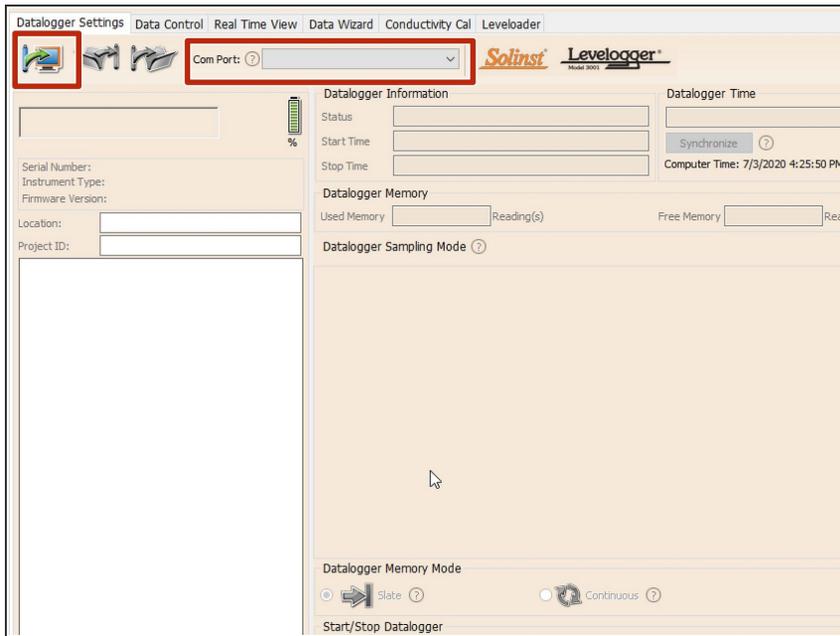
- <https://www.solinst.com/downloads/>
- Only compatible with Windows, you may need to install new drivers for the USB connection

Step 2 — Unscrew levelogger cap and connect to direct read optical cable



- Under the cap there are three holes- two of those holes are for optical communication, one hole is for the pin on the optical reader. Connect the reader so that the metal pin fits in the correct hole and you can tightly screw the logger to the reader.

Step 3 — Connect your device to the software and download data



- The boxed red fields are the only ones you should need to fill in.