

WEATHER DATA COLLECTION AND DISPLAY – PREWORK

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1. READ SWAG Chapter 1

- “Manual Snow and Weather Observations” (third edition pages 10-20)
- Review and understand weather recording symbols and abbreviations in figures 2.7, 2.8 and 2.9, by referring to tables and content in chapter 1)

<http://www.americanavalancheassociation.org/swag/>

2. Think about your ski area and how data is collected and displayed. How is this information communicated to staff? Is it readily accessible to all involved? Could this part of your operation be improved and, if so, how?

3. USEFUL WEBSITES: Weather Station Data

LOOK THROUGH THESE AS PRE-WORK

- CAIC linked Weather Stations
<http://avalanche.state.co.us/observations/weather-stations/>
- Example-ridgetop weather stations
 - Titus Peak (Sawtooth Avalanche Center, ID-NWS display)
<http://www.wrh.noaa.gov/mesowest/getobext.php?sid=SVT&table=1&banner=off>
 - Sunburst Ridge (Turnagain Pass, AK-CNFAIC display)
http://www.cnfaic.org/wx/wx_site.php?site=sunburst
- Example precipitation stations
 - Ski area/Avalanche network: Alta Collins (Alta, Utah-NWS display):
<http://www.wrh.noaa.gov/mesowest/getobext.php?sid=CLN&table=1&banner=off&hourly=1>
 - SNOTEL station: Galena Summit, ID
<http://www.wrh.noaa.gov/mesowest/getobext.php?wfo=&sid=GLSI1&num=48&raw=0&dbn=m&banner=header>
- MesoWest:
 - Links to most automated weather stations, including Snotel
<http://mesowest.utah.edu>