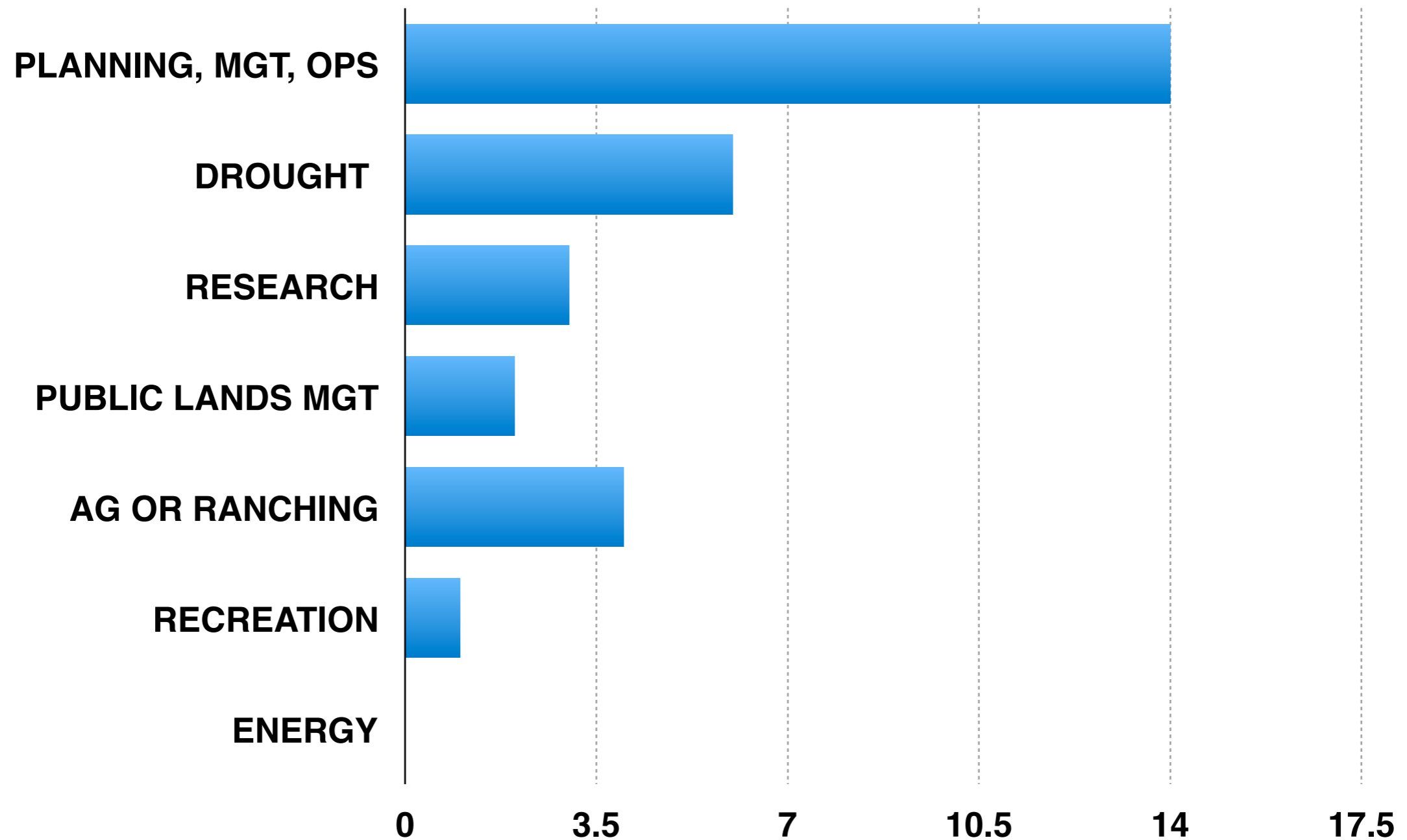


# Wyoming Pre-Workshop Survey Results

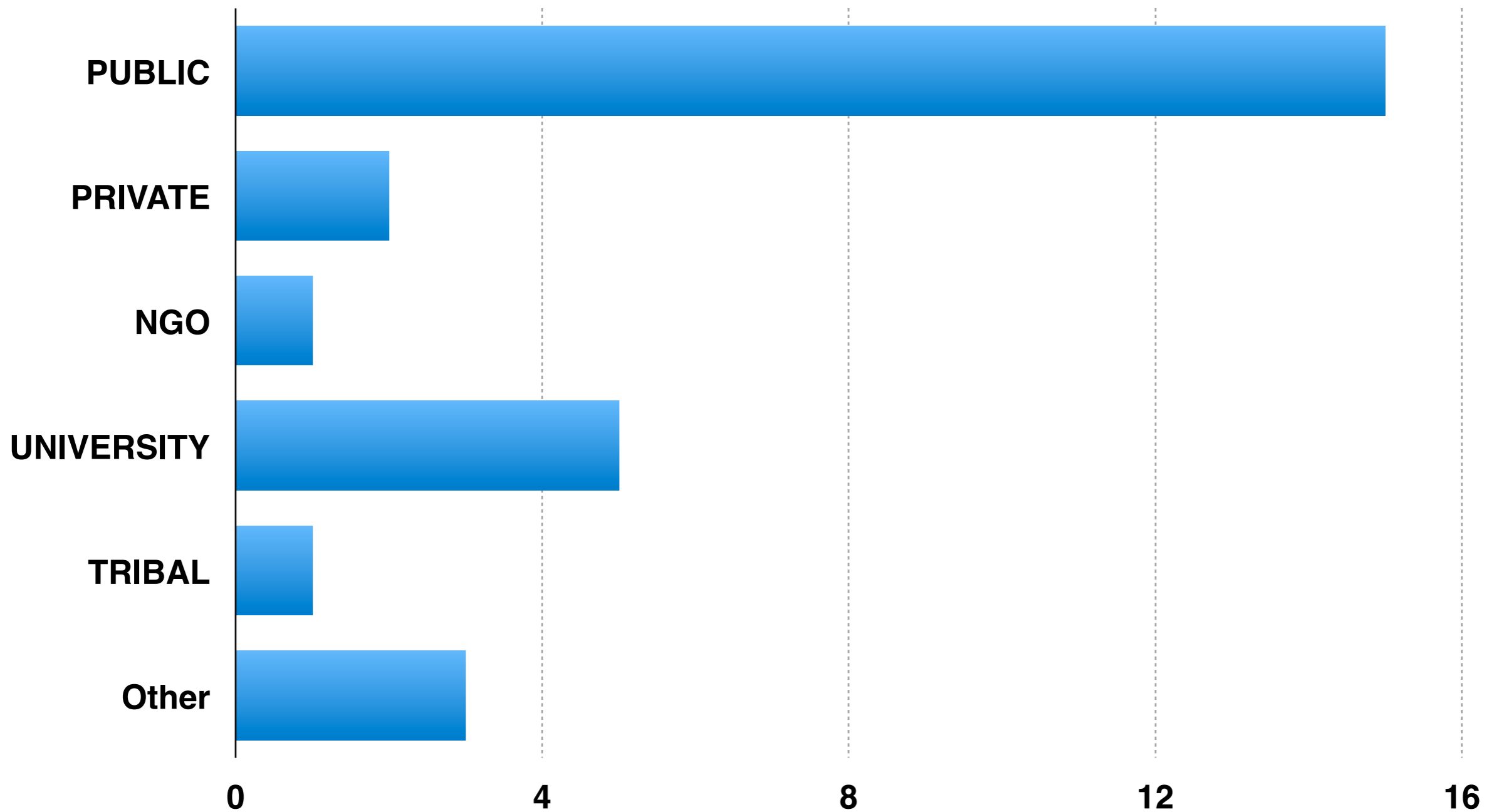
August 27, 2015  
Lander Wyoming

# WHAT AREA(S) DO YOU WORK IN?



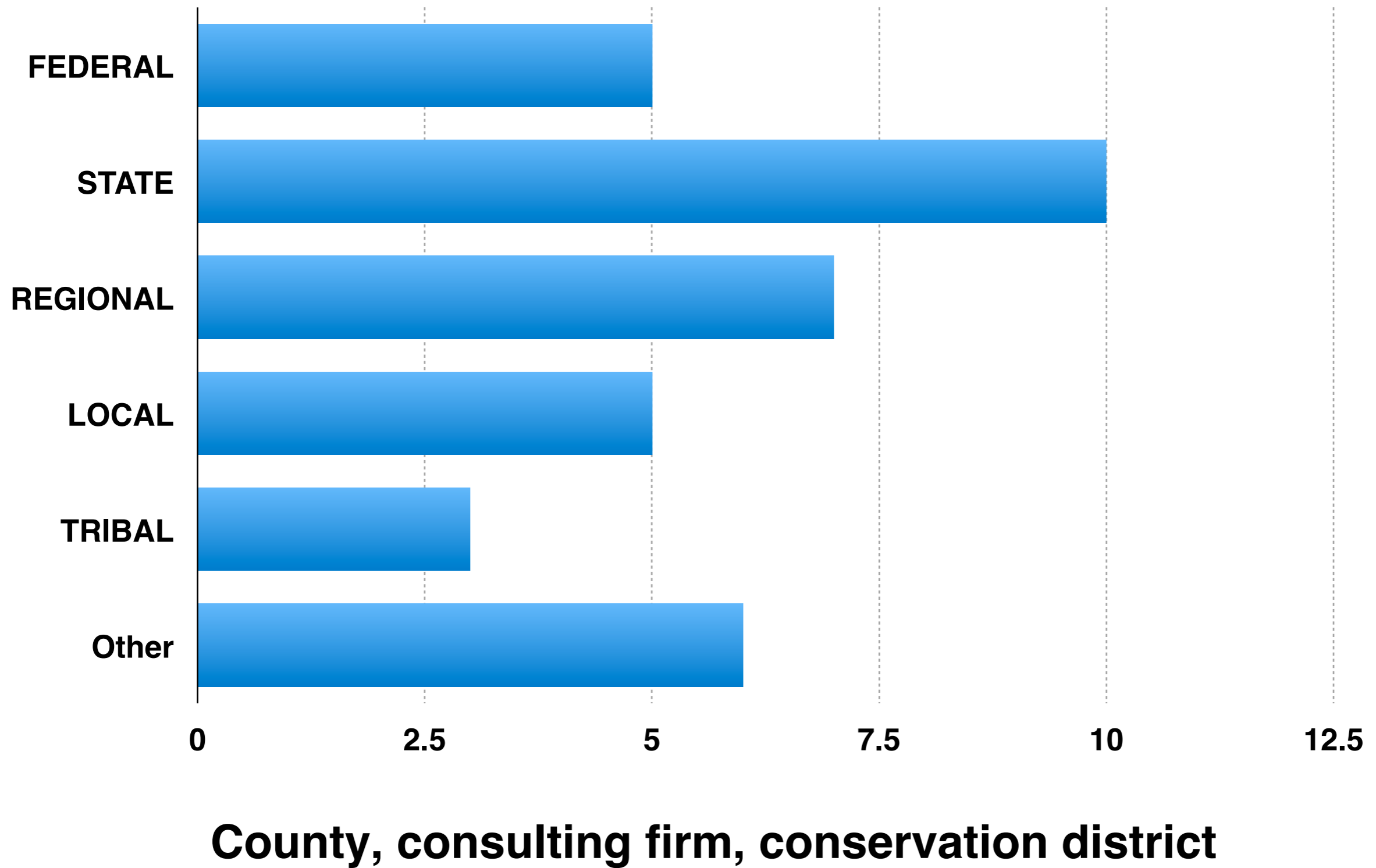
**Stealth advocacy group, emergency management, fish passage, extension, geodetic engineering, habitat restoration, conservation district**

# WHAT TYPE OF ORGANIZATION DO YOU WORK FOR?

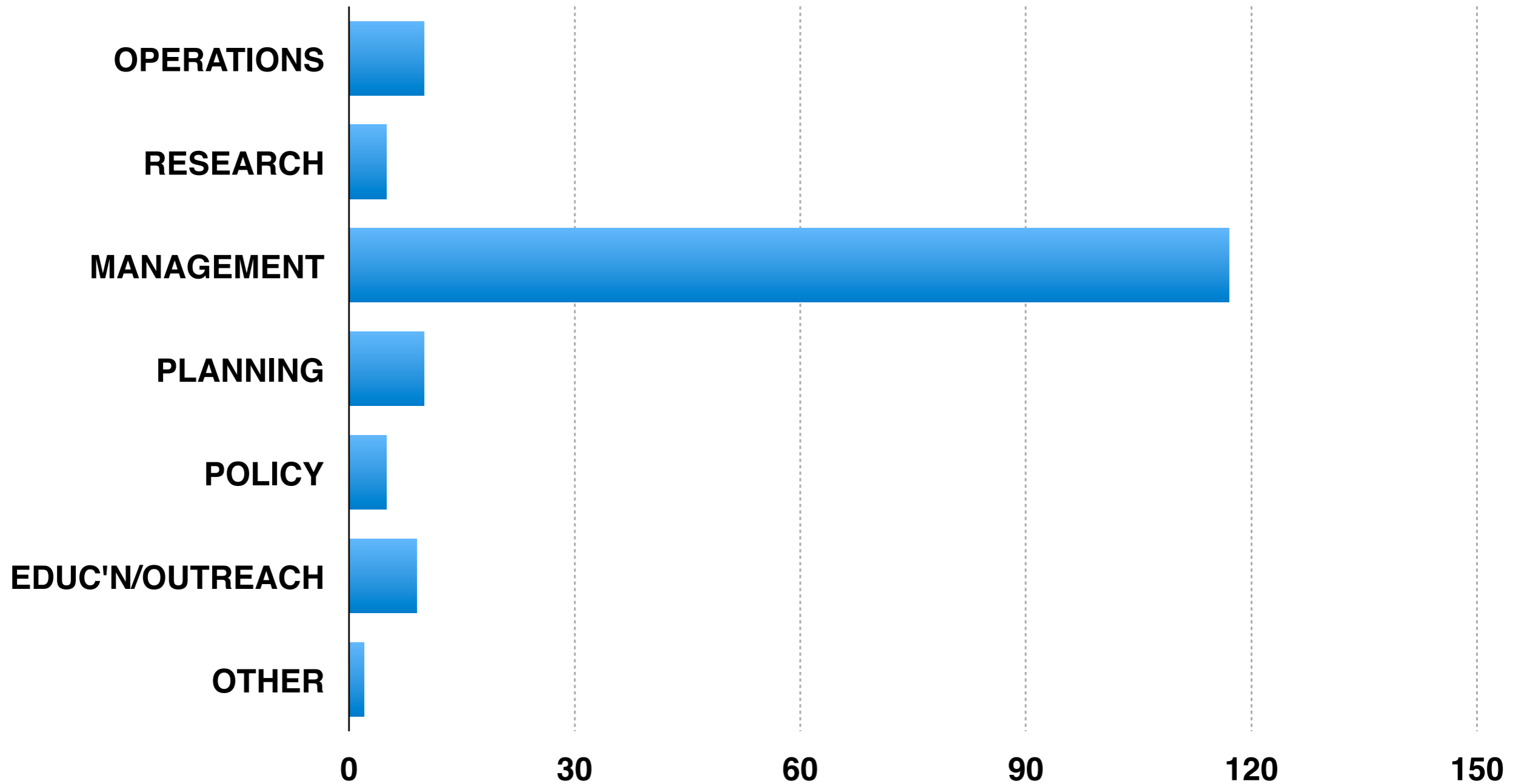


**USDA, conservation district, govt.**

# AT WHAT SCALE DO YOU/ORG OPERATE AND MAKE DECISIONS?

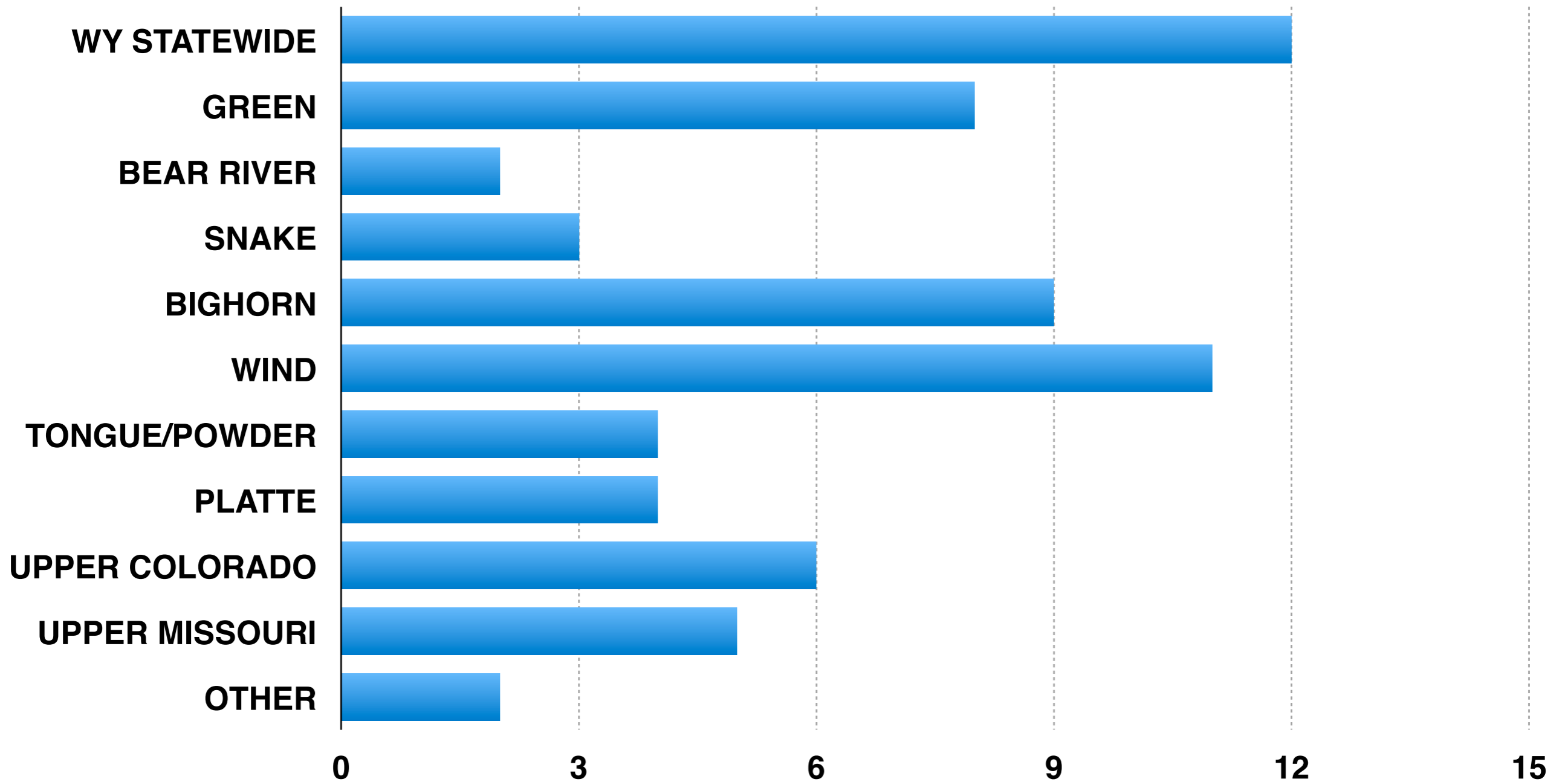


# WHAT BEST DESCRIBES YOUR ROLE?



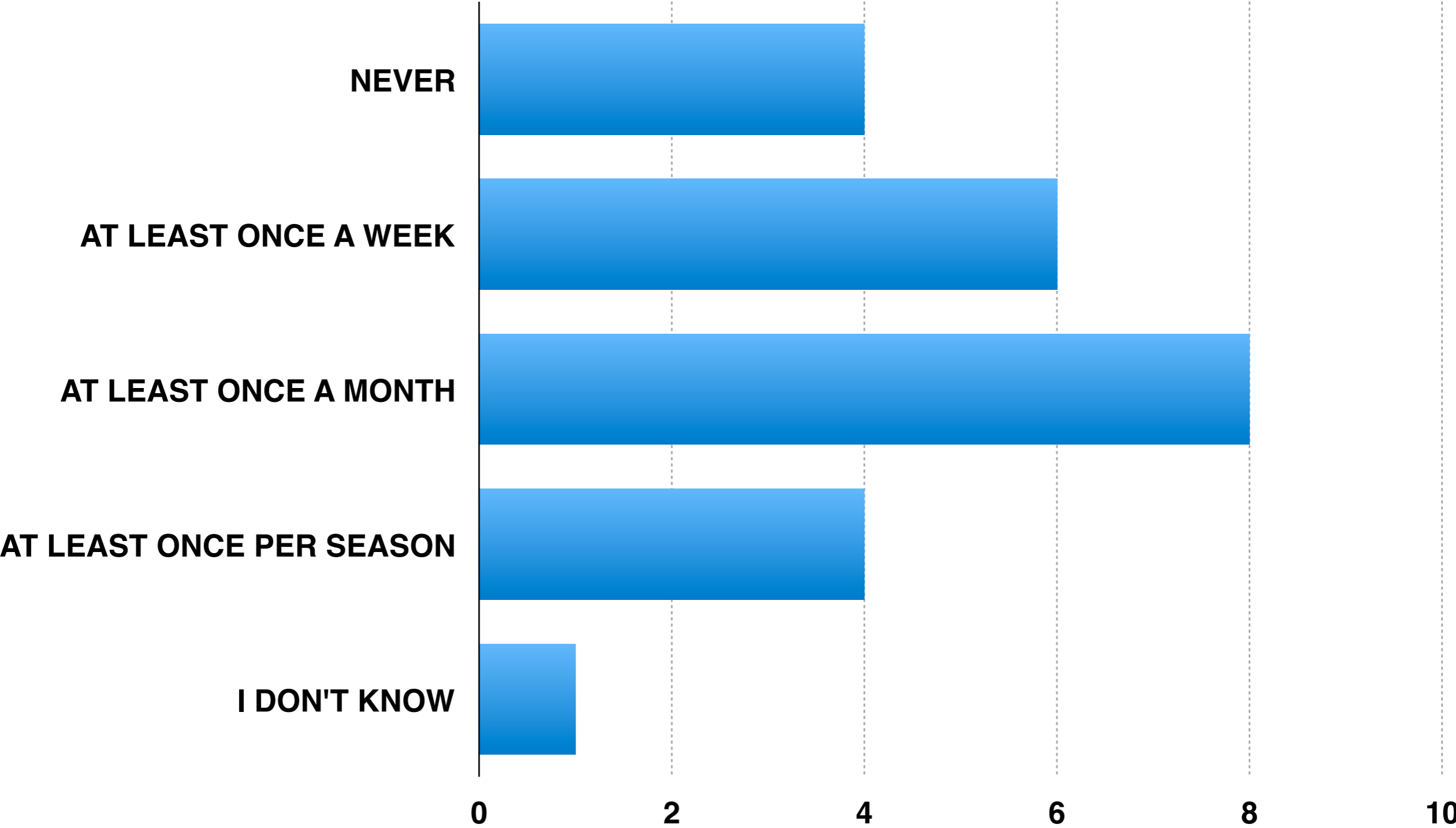
Research support logistics, planning/preparedness/response/recovery/mitigation

# WHICH BASIN DO YOU HAVE PARTICULAR INTERESTS IN AND OR RESPONSIBILITY FOR?

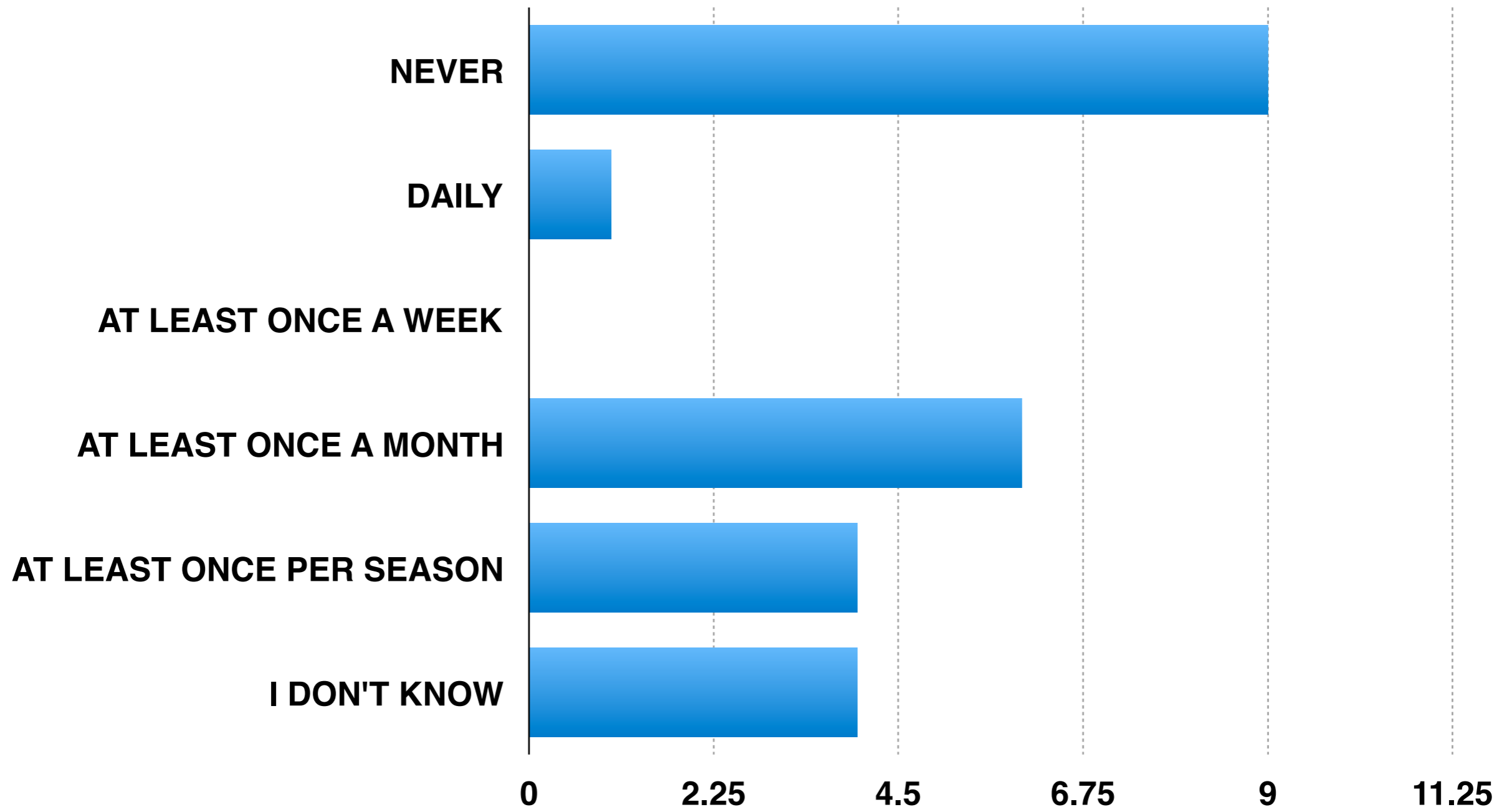


Big Goose Creek, South and North Fork of Little Wind River

# HOW OFTEN DO YOU USE S.W.E. FROM SNOTEL/SNOWCOURSE SITES ACCESSED FROM THE NRCS WYOMING SNOW SURVEY WEBSITE?

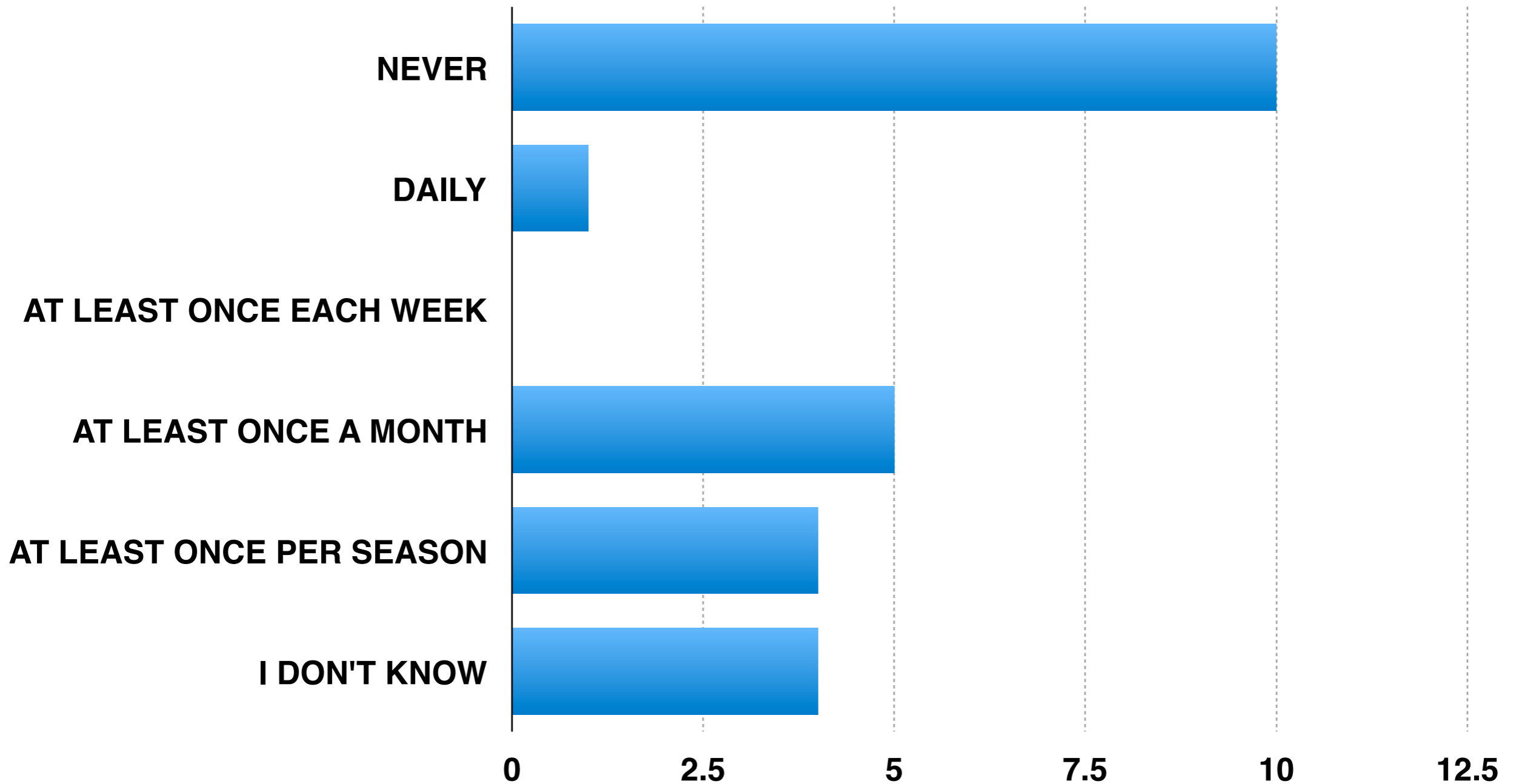


# HOW OFTEN DO YOU USE S.W.E. FROM SNOTEL/SNOWCOURSE SITES ACCESSED FROM THE NOAA COLORADO BASIN RIVER FORECAST CENTER WEBSITE

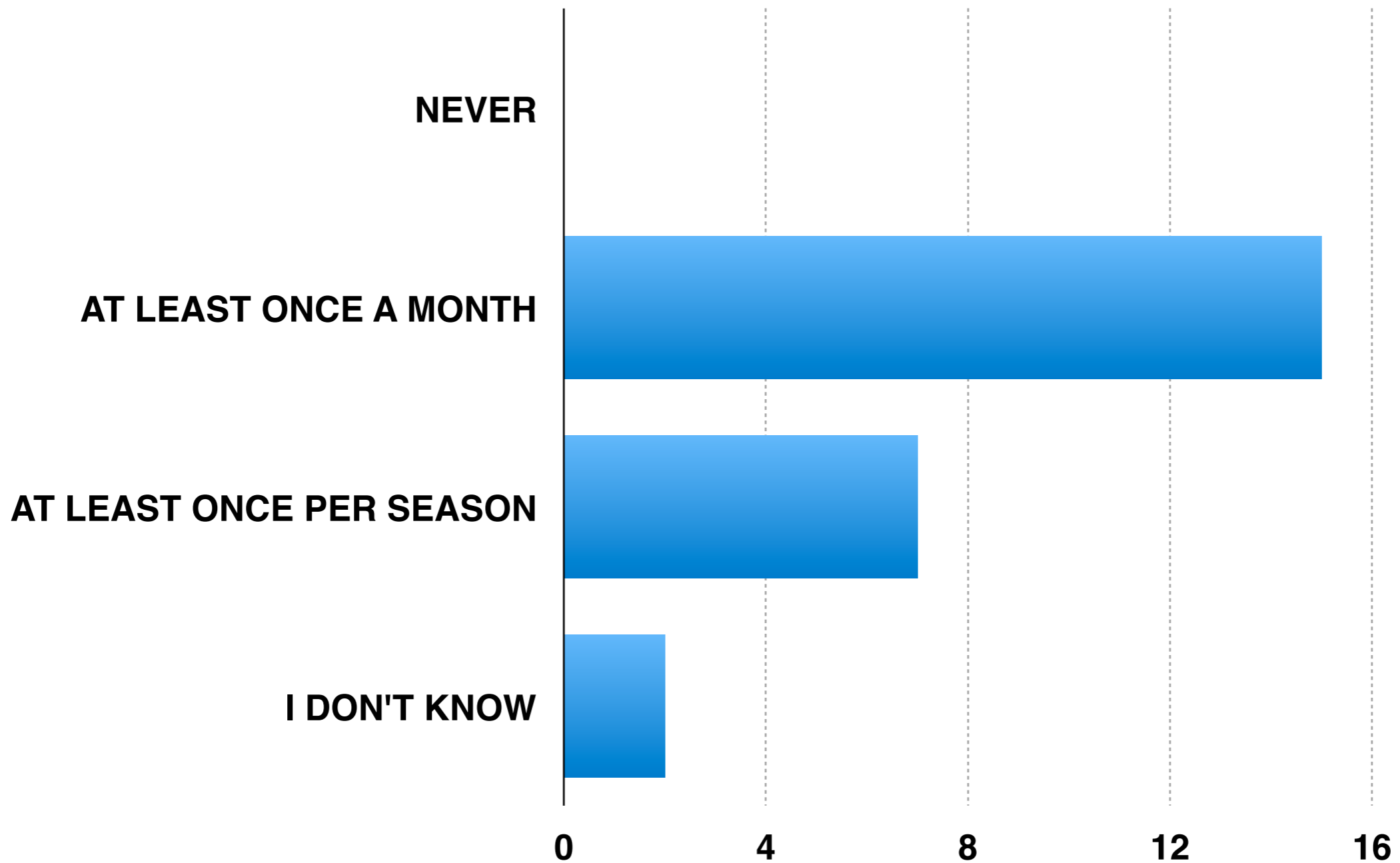




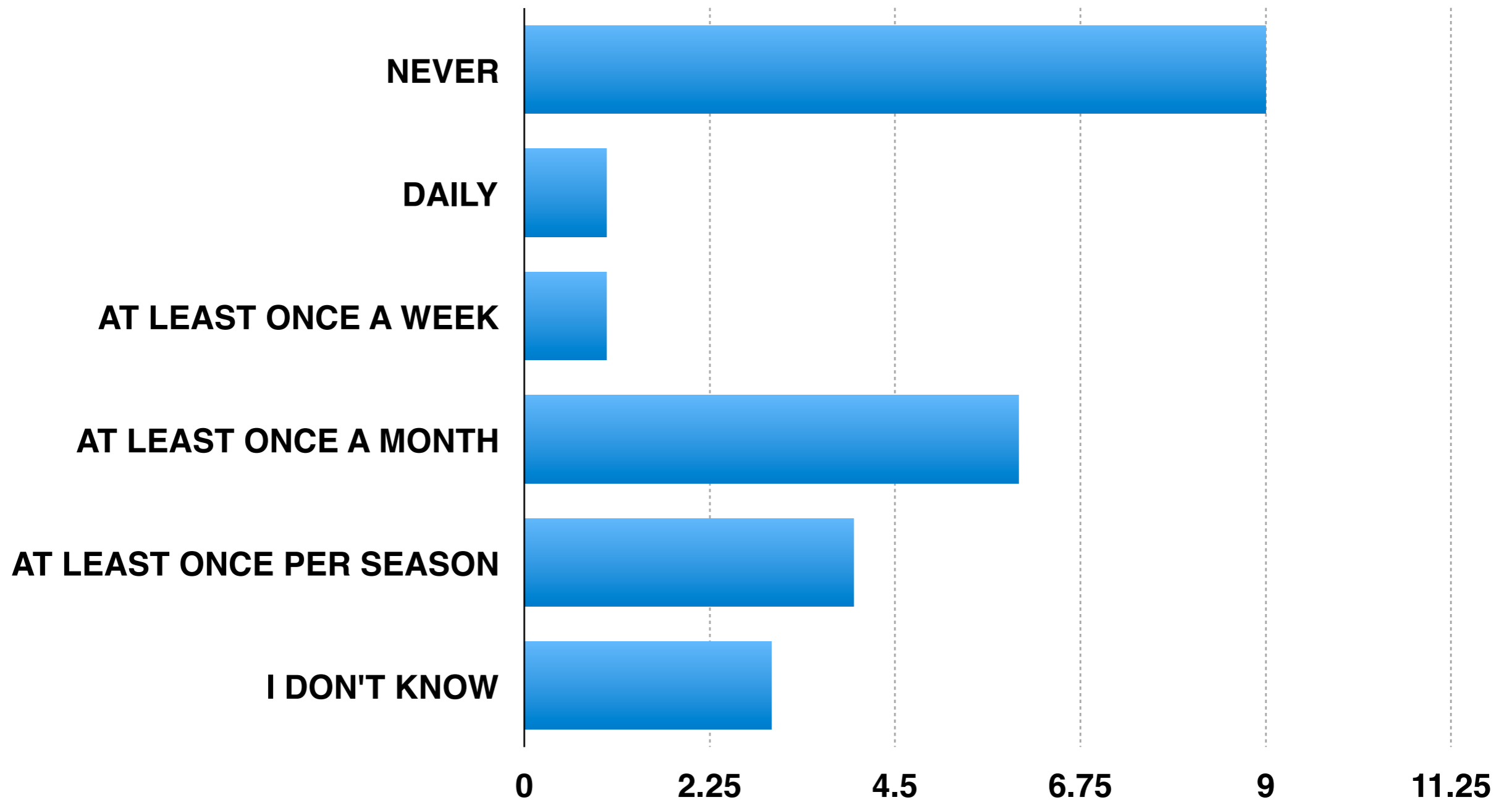
# HOW OFTEN DO YOU USE S.W.E. FROM NATIONAL SNOW ANALYSES (SNODAS) FROM NOAA NOHRSC?



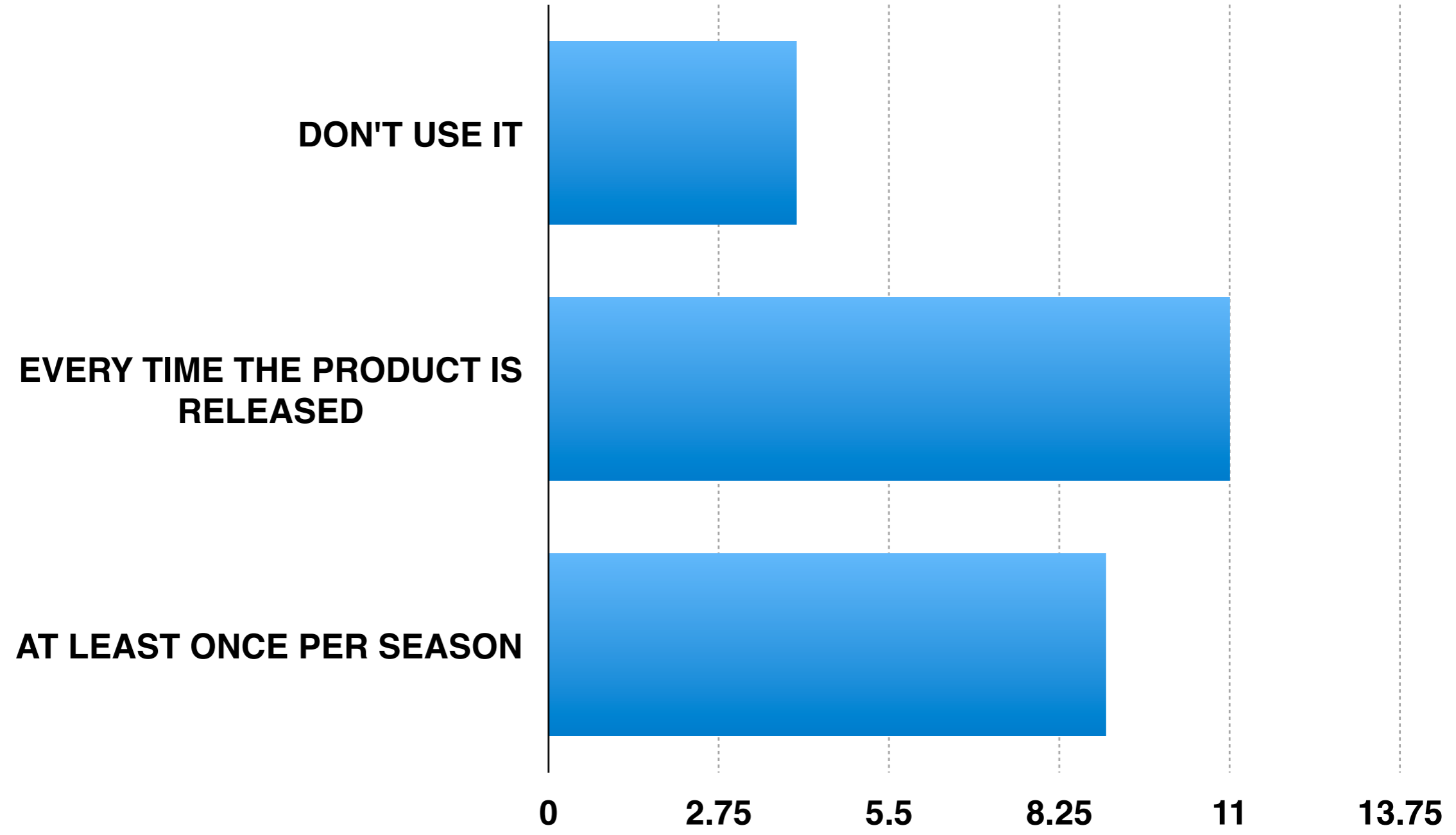
# HOW OFTEN DO YOU USE SEASONAL RUNOFF FORECASTS FROM **NRCS WYOMING SNOW SURVEY**?



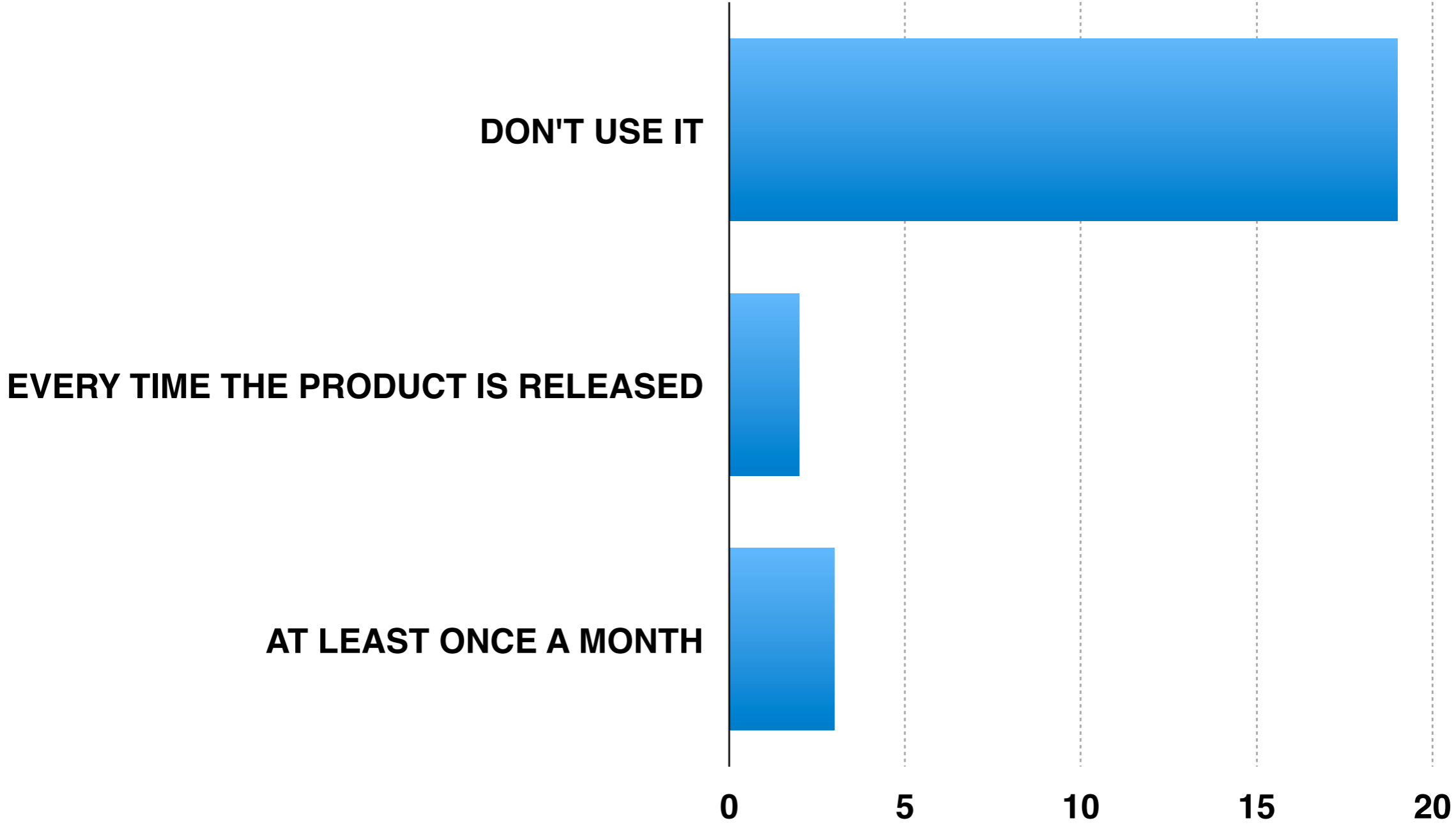
# HOW OFTEN DO YOU USE SEASONAL RUNOFF FORECASTS FROM THE **NOAA COLORADO BASIN RIVER FORECAST CENTER (CBRFC)** or **MISSOURI BASIN FORECAST CENTER (MBRFC)**?



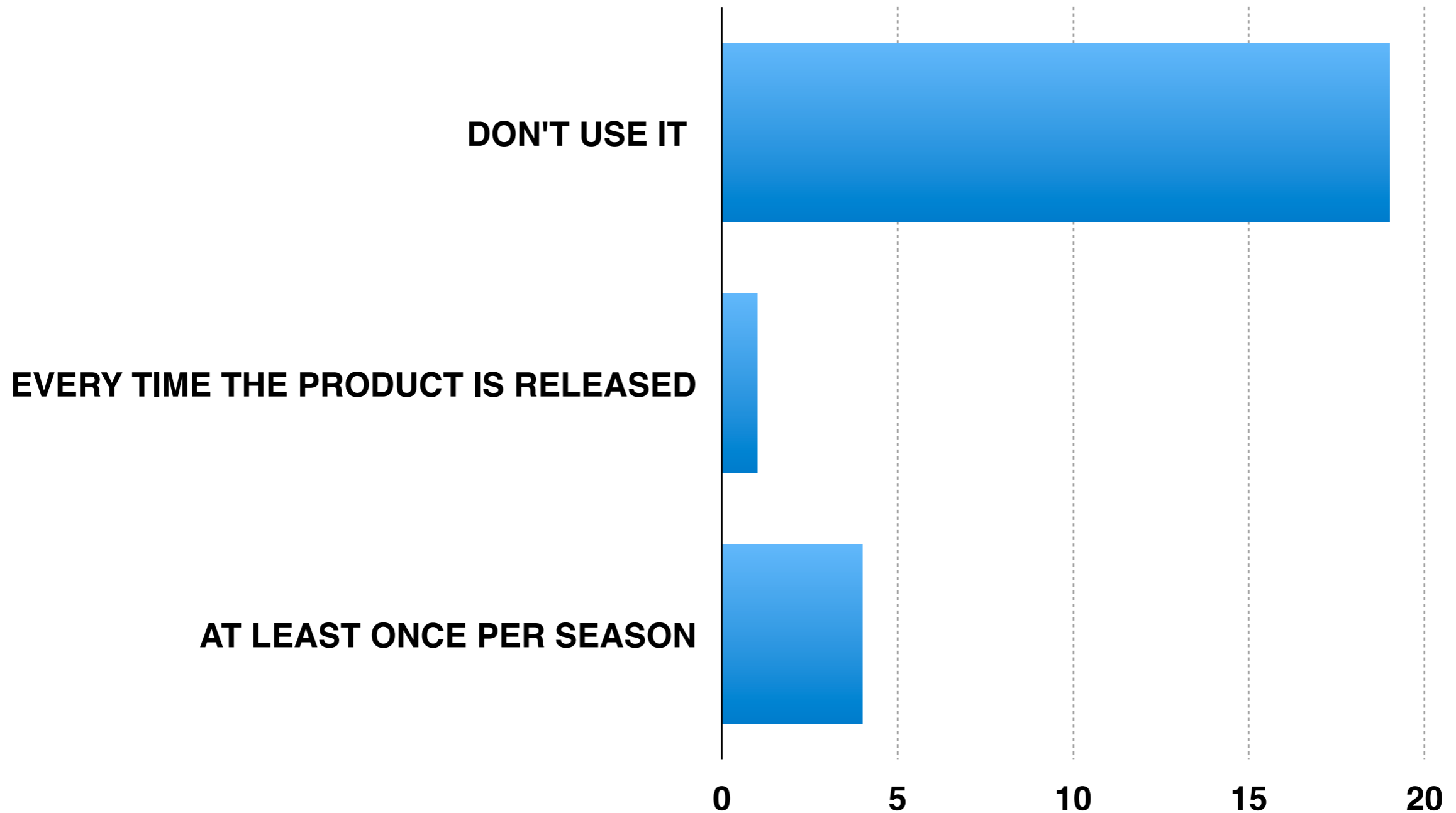
# HOW OFTEN DO YOU USE THE NRCS WYOMING BASIN OUTLOOK REPORTS?



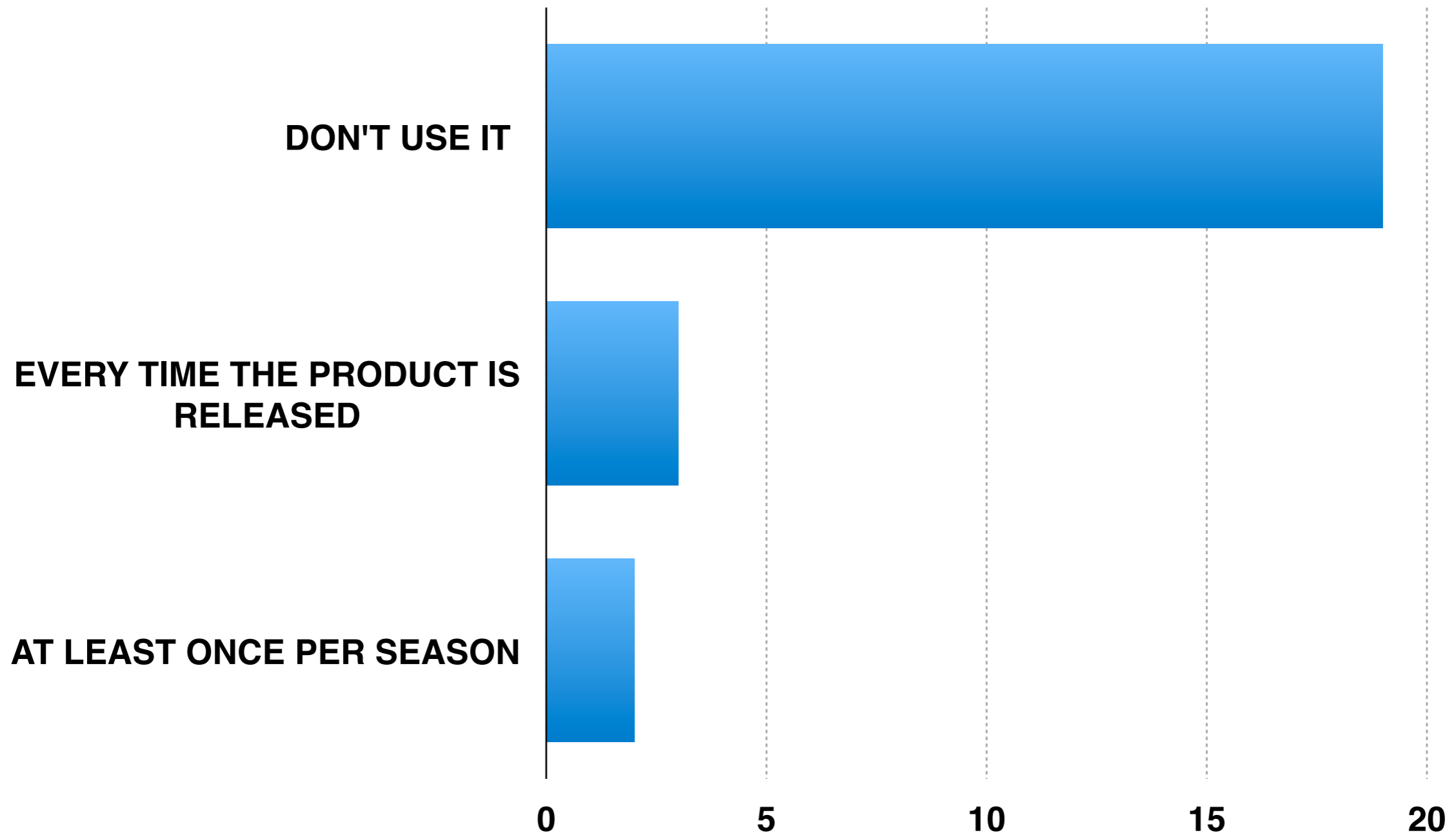
# HOW OFTEN DO YOU USE THE **NOAA COLORADO BASIN RIVER FORECAST CENTER MONTHLY WEBINAR?**



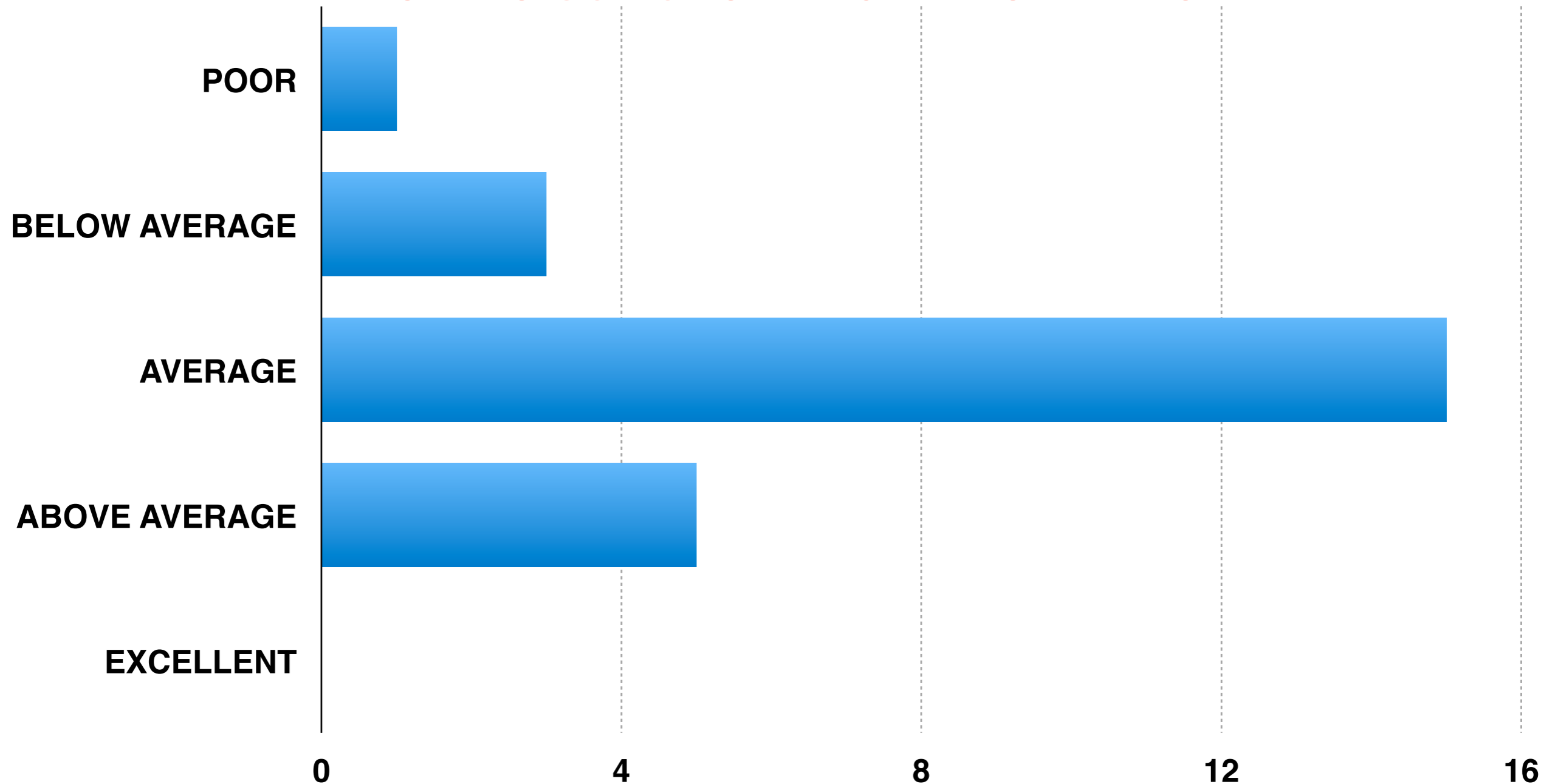
# HOW OFTEN DO YOU USE THE NIDIS/COLORADO CLIMATE CENTER UPPER COLORADO RIVER BASIN CLIMATE, WATER AND DROUGHT ASSESSMENT?



# HOW OFTEN DO YOU USE THE WESTERN WATER ASSESSMENT INTERMOUNTAIN WEST CLIMATE DASHBOARD AND MONTHLY BRIEFINGS?



# MY WORKING UNDERSTANDING OF: SNOW HYDROLOGY, HOW SNOWPACK INFORMATION IS PRODUCED, HOW TO ACCESS SNOWPACK INFORMATION, HOW TO USE SNOWPACK INFORMATION





# HOW DO YOU USE SNOWPACK INFORMATION?

## Highest Responses:

- To anticipate other impacts to my resources of interest
- To get a better sense of how the snowpack is evolving
- To anticipate likely runoff anomalies

## **Moderate Responses:**

- To identify analog years in the historical record with similar snowpacks
- To supplement operational runoff forecasts
- To make operational decisions (e.g. res. releases)
- For public outreach

## **Lowest Response:**

- To generate quantitative forecasts of runoff using a statistical model
- For research purposes

# **Desired Workshop Outcomes**

- **Become more proficient in gathering and using information**
- **Networking**
- **How to make technical data more useful at community level**
- **Identify correlation or differences in data**
- **Learn utilities of data for querying spatial and tabular data as well as in place utilities**
- **Access and share information in educational settings**
- **How different data interact**
- **Improvement in how to plan water delivery dates and flows**

# **CHALLENGES USING INFORMATION**

- **Finding historic information on average conditions**
- **Understanding uncertainty of information**
- **Limited data... have to interpret between SNOTEL sites**
- **NRCS website difficult to navigate, generate reports**
- **Low confidence in SNOTEL sites**
- **Multiple data sources with little ability to overlay information in a single interface while maintaining real-time data**
- **Lack of high elevation data**
- **“Hobbs Park” SNOTEL not indicative of what feeds the Little Wind River**