

EXPLORING THE TUOLUMNE RIVER DATA SHEET

STATION #1: Temperature and Relative Humidity

DATE _____ TIME _____

TEMPERATURE

AIR TEMPERATURE: °C _____

WATER TEMPERATURE: °C _____

SEDIMENT TEMPERATURE °C _____

WEATHER CONDITIONS (CIRCLE ONE IN EACH ROW)

- | | | |
|----------|---------------|--------|
| 1. Sunny | Partly Cloudy | Cloudy |
| 2. Calm | Breezy | Windy |
| 3. Clear | Foggy | Rain |

1. How does temperature influence living organisms?

RELATIVE HUMIDITY (RH): Time of Day _____			
LOCATION	WET BULB	DRY BULB	RH
AT THE RIVER	_____	_____	_____
NEAR THE ROAD	_____	_____	_____

2. How can you explain differences in the relative humidity measurements close to the water's edge and those taken further away from the water?

3. Do you think the relative humidity would be different if measured in the afternoon, or night time? Explain