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WEATHER & AIR TEMPERATURE

For users other than staff associated with the MO River Benthic Fish Study, this document is for reference only. This is NOT a citable document.

General Information:

       A general description of weather conditions at the time of sampling can offer important insight into sampling efficiency. Adverse weather conditions can take a toll on gear and personnel effectiveness. For this reason, a general weather condition summary has been developed.

Material & Methods:

       Technique - Visual

       Location - At each gear just prior to sampling

       Parameters

       AIR TEMPERATURE - Record air temperature to the nearest degree Celsius using a hand held thermometer, in the shade, just before deploying each gear (See Water Temperature SOP for thermometer specifications).

       WEATHER
Wind - Record wind conditions using the following code:

> **0** = no or light wind (approximately 0 to 5 mph)
> **1** = moderate wind (approximately 6 to 15 mph)
> **2** = high wind (approximately 16 - 30 mph)
> **3** = extreme wind (greater than 30 mph)

Cloud Cover - Record cloud cover using the following code:

> **0** = less than 25% cloud cover
> **1** = 25 to 50% cloud cover
> **2** = greater than 50% but less than 100% cloud cover
> **3** = 100% cloud cover.

Precipitation - Record precipitation conditions using the following code:

0 = No Precipitation
1 = Light/Moderate Rain
2 = Heavy Rain
3 = Hail/Sleet
4 = Light/Moderate Snow
5 = Heavy Snow

Prepared by:

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Lee C. Bergstedt
Graduate Research Assistant

Approved by:

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Robert G. White
Unit Leader
Montana Cooperative Fishery Research Unit

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Linda C. Sappington
Quality Assurance Officer