



Minnesota Pollution Control Agency
 520 Lafayette Road North
 St. Paul, MN 55155-4194

2010 CSMP Rain Gauge Data Sheet

Citizen Stream Monitoring Program (CSMP)

Instructions on Page 2

Observer name: _____ Time of daily reading: _____ am pm
 County: _____ CSMP Site (CSMP0001): _____

Day	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Remarks – Severe weather storm damage
1										
2										
3										
4										
5										
6										
7										
8										
9										
10										
11										
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22										
23										
24										
25										
26										
27										
28										
29										
30										
31		X		X			X		X	
Total										

Please see page 2 for instructions on recording precipitation.

Over ⇨

Citizen Stream Field Sampling Protocol

Instructions for recording precipitation

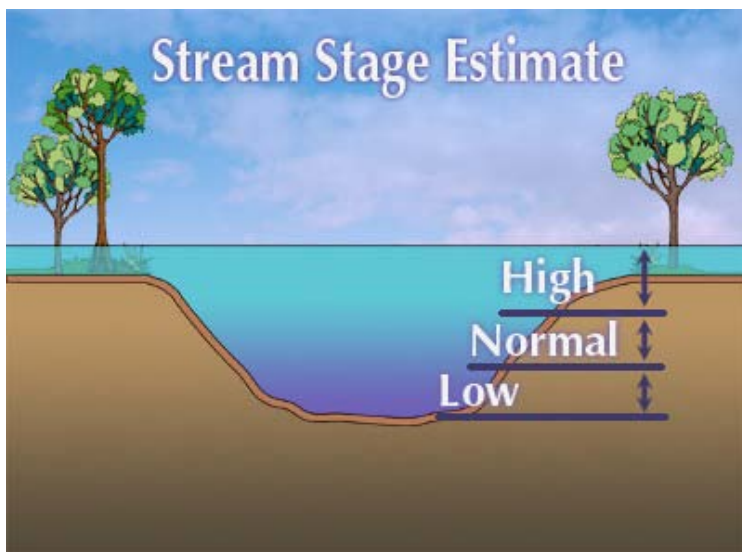
1. Try to record precipitation at the **same time** each day. **Record daily reading time at top of form.**
2. Record precipitation to the nearest 1/100 of an inch (.01, .31, 1.31).
3. Record "0" if no rainfall occurs.
4. If precipitation is less than .01" record "T" for trace.
5. If rain accumulates in gauge for more than a 24-hour period (e.g. you were away for a weekend), record the amount in the date on which you empty the gauge, and mark an "R" for 'Range' after the amount (e.g. ".12R").
6. If precipitation is snow, record "S".
7. Use remarks column to note severe weather; **be sure to record date for which remarks apply.**
8. Sum precipitation for each month and record at the bottom of each column.

Explanation of estimating stream stage

Stream stage estimate (L,N,H,Z,D): Required - Please estimate the water level each time you sample.

This refers to the relative amount of water flowing in the stream channel as shown by a rough visual estimate of the water level. Low, Normal, High, No Flow, and Dry are broad categories so do not agonize too much over which category to choose. The following graphics should help you decide on the correct category:

L=low	Water covers 1/3 or less of the distance from the stream bottom to the top of the bank.
N=normal	Water covers 1/3 to 2/3 of the distance from the stream bottom to the top of the bank.
H=high	Water covers 2/3 or more of the distance from the stream bottom to the top of the bank. Water may be over the stream bank – flooding - at some point.
Z=no flow	Disconnected stagnant pools/puddles without observable flow.
D=dry	The stream channel is dry.



For More Information

Contact the CSMP Coordinator at the phone numbers listed on the bottom of this form or e-mail: csmc.pca@state.mn.us.

Please submit this form and stream datasheet by **October 31, 2010** (*keep the sampling protocol*). *Thank you!*