



Emptying Collection Chamber, Electronic Raingage

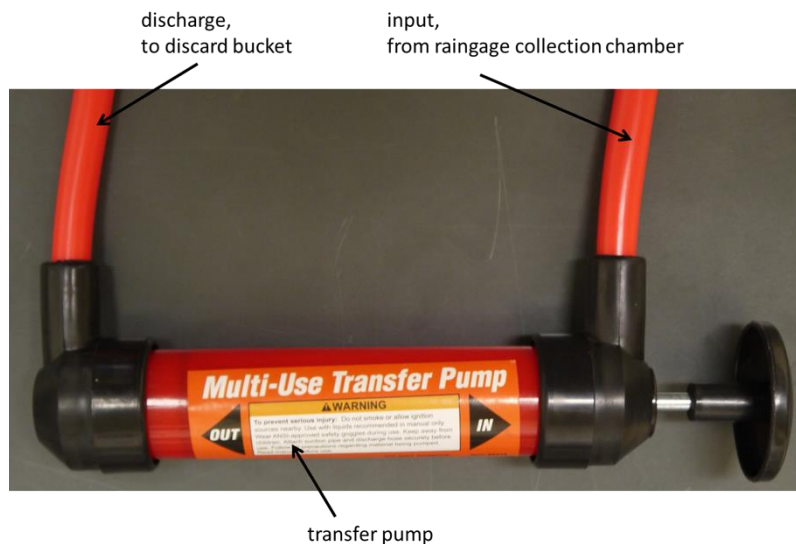
Items needed:

- field form for the current week's sample
- transfer pump with tubing
- container to collect water and/or anti-freeze/water mixture for disposal (if needed)
- ethylene glycol or propylene glycol (low toxicity) anti-freeze, 2 quarts (if needed)

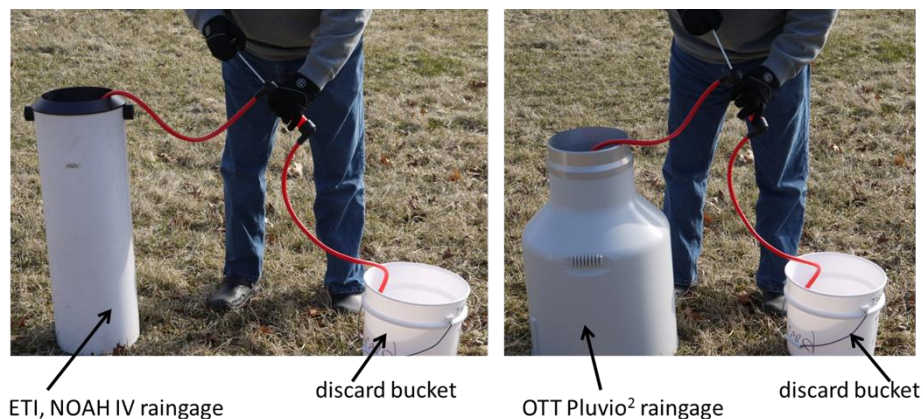
Instructions:

Complete these steps to empty the collection chamber of the electronic raingage. This eliminates both the need to open the raingage and the need to lift the collection chamber when it is full.

1. Connect orange tubing to “IN” and “OUT” ports of the transfer pump.



2. Place the other end of the “input” tubing in the collection chamber of the raingage.



3. If the raingage is winterized, place the other end of the “discharge” tubing in a discard bucket or other container to collect the anti-freeze/water mixture. If the raingage is not

winterized (i.e., does not contain anti-freeze), a discard bucket is not needed and the contents of the collection chamber may be discharged away from the raingage.

Note: discard buckets should never be returned to the lab with used supplies.

4. Use the transfer pump to empty the raingage collection chamber. The collection chamber does not need to be emptied completely.
5. If needed, re-winterize the raingage.
6. Dry and store the transfer pump for future use. If the pump was used to empty an anti-freeze/water mixture, rinse the pump with clean water before drying and storing. Tap water is fine for rinsing the pump.
7. Dispose of the liquid in the discard bucket (if used) according to local guidelines for proper disposal. If the liquid is just water, special disposal is not needed.
8. Indicate in the **Remarks** block of the field form for the current week's sample that the raingage was emptied. This explains to the lab why there is a change in the value reported by the raingage.