

realizes. Water will back up and overflow into canoe if the canoe is obstructed, especially if 90° to current. A canoeist should not commit himself to a run unless the entire course is unobstructed, water free moving and without turbulence.

2. With rising water watch out for large floating trees and bank slippage.

3. Plastic tarps and tents should be stored in bags, otherwise the current pushing into the canoe will balloon the tarp either inside the canoe or over the top or beneath the canoe and create reservoirs for water which will create many-fold the amount of pressure on the canoe. Under conditions of fast moving water into canoe, it is almost impossible to salvage the tarp or tent. Tarps covering equipment also will form pockets of water and thus making removal of equipment almost impossible.

4. Secure all equipment and in a manner that the release point is at contact with equipment rather than on canoe, at which point ^(contact with canoe) could be under several feet of fast flowing water. The securing mechanism should be of the clip or snap-on type - not a knot tied to the canoe. Untying a knot under muddy water is by touch sensation only.

5. Critical equipment should be most accessible, especially items of survival value (knife, axe, etc) and, of course, a camera or expensive item.

6. Carry a long rope (30') to guide, retrieve or anchor canoe to bank when canoe is some distance from bank.

7. Tie extra paddle to canoe but, ^{hoop} easily removable. Equip. escaping canoe in rough water (rising river) is impractical to reclaim.

8. Strap cushions to seat - these go first in a capsizing or swamping.

9. Books are the most difficult to dry of all equipment and to that extent should be water-proofed with plastic bag.

10. Carry a hydraulic wrench to dislodge canoe.

From 10:10 to 3:30 P.M. portaged equipment to Valley Falls and at 3:45 canoe reappeared on surface and with the help of Annette and the Constable of Valley Falls reclaimed the canoe and portaged it to the bridge at Valley Falls. During this period of time the water in the Delaware rose approx 5 feet. Just shortly after the inundation of the canoe, large trees started to float