

## **Module 201 Hydrology and Hydraulics in SCS Programs Activity Questions**

### **Activity 1**

1. Starting with August, 1933, place, in chronological order, the significant events leading up to the SCS as it existed in July, 1939.
2. What impact did the creation of SCS have on hydrology and hydraulics?
3. What did the Flood Control Act of 1944 do?
4. What were the provisional changes to Public Law 566 made on August 6? 1956?
5. How does the Resource Conservation and Development Program (RC&D) work?
6. When was the first known snow survey completed?
7. What is the purpose of a snow survey?
8. What are the four specific phases involved in a flood hazard analysis?

*(Refer to pages 12-14 in Module 201 for Solutions to Activity 1)*

## **Activity 2**

1. What are the hydrologic/hydraulic responsibilities of an engineer when working with local, county, and state agencies?
2. List the reasons why hydrology and hydraulics are important to the SCS engineer.

*(Refer to page 18 in Module 201 for Solutions to Activity 2)*