

# Using the CBR™ (Calculator Based Ranger)

To access the CBR™ through the TI-83 Plus or TI-84 Plus:

- Connect the CBR™ to the TI-83 Plus or TI-84 Plus with the calculator-to-CBR cable and to the temperature probe.

Make sure both ends of the cable are firmly in place.

- Press **APPS**. Select **2: CBL/CBR**.
- When the CBL/CBR™ screen is presented, press **ENTER**.
- To access the programs available, select **3: Ranger**.
- When the **Ranger** menu is presented press **ENTER**.

To record data from the CBR™:

- From the MAIN MENU screen, select **1:SETUP/SAMPLE**. All settings, except TIME (S), can be changed by using the cursor keys to position the **▶** beside the current option and pressing **ENTER** to cycle through the choices.

MAIN MENU	▶START NOW
REALTIME:	NO
TIME(S):	4
DISPLAY:	DIST
BEGIN ON:	[ENTER]
SMOOTHING:	NONE
UNITS:	METERS

If the REALTIME option is set to yes, the sampling time is fixed at 15 s. To change the TIME (S) setting, you must first change the REALTIME option to no, as shown. Then, cursor down to TIME (S), enter the desired value and press **ENTER**.

- Move the cursor up to START NOW at the top of the screen, and press **ENTER**.

