Index-velocity Quick Sheet
Entering Multi-parameter Ratings in ADAPS

Rating equation: \( V_{m\_comp} = X*V_i + Y*V_i*G + C \), where:

- \( V_{m\_comp} \) = mean velocity,
- \( V_i \) = index velocity,
- \( G \) = stage,
- \( X \) = \( V_i \) coefficient,
- \( Y \) = \( V_i*G \) coefficient, and
- \( C \) = constant

In ADAPS, go to the SU menu:

1 -- Manage Record Data Aging Status
2 -- Update Location information
3 -- Update Data Descriptor information
4 -- Update ADR Instrument information
5 -- Manage preferred input

Select 3, then
Select the Station, hit return:

EDIT/UPDATE PROGRAM FOR DATA DESCRIPTOR (DD) FILE

- AD - Add a NEW Data Descriptor
- ED - Edit a Data Descriptor
- DI - Display a Data Descriptor
- LI - list the Data Descriptor for a station
- DE - Delete a Data Descriptor
- PF - Create DCP performance Data Descriptors
- CH - Change to different Data Descriptor
- US - Re-start program, display user information
- QU - Quit this program
- EX - Exit adaps programs

Select ED, then
Choose Discharge from the Data Descriptor List
DD DISPLAY AND UPDATE OPTIONS

1. DISPLAY/UPDATE DD INFORMATION
2. DISPLAY/UPDATE DD PROCESSING INFORMATION
3. DISPLAY/UPDATE DD SCREENING THRESHOLDS

ENTER OPTION NUMBER INDICATING WHICH DATA TO DISPLAY/UPDATE OR KEY [CR] TO CONTINUE:

Select 2, then the following menu appears:

DD#1 Discharge (AVM), in cfs

- Processor Status: approved
- Created by: jrdavis on: 10-16-2002 @ 07:30:55 EST
- Modified by: smorlock on: 07-17-2003 @ 12:12:42 EST
- Approved by: smorlock on: 07-17-2003 @ 12:12:42 EST
- SD - Starts on: 03-18-2003
- ED - Ends on: 12-30-2382
- RP - Default primary report type: Historical
- GP - Unit values missing gap time: 120 (MINUTES)
- DV - Compute DVs: MEAN
- IS - Stage gage: DD #02 Gage height (AVM), in feet
- IV - Velocity gage: DD #03 Stream velocity (AVM X), in
- UL - Upper gage height limit: Not specified
- LL - Lower gage height limit: Not specified
- EQ - Use mean-velocity equation: Yes
- XC - Equation X coefficient: 0.462
- YC - Equation Y coefficient: 0.033
- EC - Equation constant: 0.099
- HB - Base for extreme events: Not used
- HP - Interval for extreme events: Not used

Enter code to edit field, WK to set to Working, NW to create new version, or key [CR] to continue:

The above menu shows entry for the equation
Vm_comp = 0.462Vi + 0.033ViGH + 0.099

Notes:
- Status must be set to WK, Working, to enter values
- You must have ADAPS Administrator rights to access this feature
- EQ must be set to Yes
- Make sure all old velocity ratings are shut off prior to start date (SD) for this processor