Purpose

MOD WEUPDATE sets the snow water-equivalent and the associated variance or
gain to be used in Kalman filtering updating for the date specified.

The first value entered is the observed snow water equivalent for the date
specified. The second value entered is the associated variance or gain.

This is a permanent change to the values stored in the Forecast
Component parameter file.

Format

Use Format B2 with one date on the command card.

    .WEUPDATE date [FGROUP]
    identifier value1 keyword value2 [/ opname]

    where date   is the date which must be less than or equal to Technique
                        LSTCMPDY and must be within 12 hours before Technique
                        STARTRUN or ENDRUN
          value1   is the observed snow water equivalent
          keyword   is the keyword; valid keywords are:
                        o 'VAR' if the second value entered is the water
                           equivalent variance:
                        o 'GAIN' if the second value is the Kalman gain;
                           valid values for the gain are from 0.0 to 1.0
                      If no value is specified for variance or gain then the
                      default monthly variance will be used if it has been
                      defined in the Segment definition; otherwise no updating
                      will be performed for the specified date
          value2   is the associated variance or gain

Example

In this example new snow water-equivalent values are input for several
Segments. The water-equivalent values are applied at 12Z on April 6.

    .WEUPDATE 0406
    GRNM5-RWDM5 6.7 GAIN 0.7
    RAPM5   3.5 VAR 2.7
    JDNM5   4.5 VAR 6.9
    RPDM5   4.0
    NULM5-NWUM5 3.2 VAR .55
    MNKM5   3.2 GAIN .25