

FIGURE 12-1
HYDROLOGIC CYCLE
 OCWRD/WATERSHED TECH SUPPORT/WA

LEGEND

Crop Irrigation: Evapotranspiration from irrigated lands.

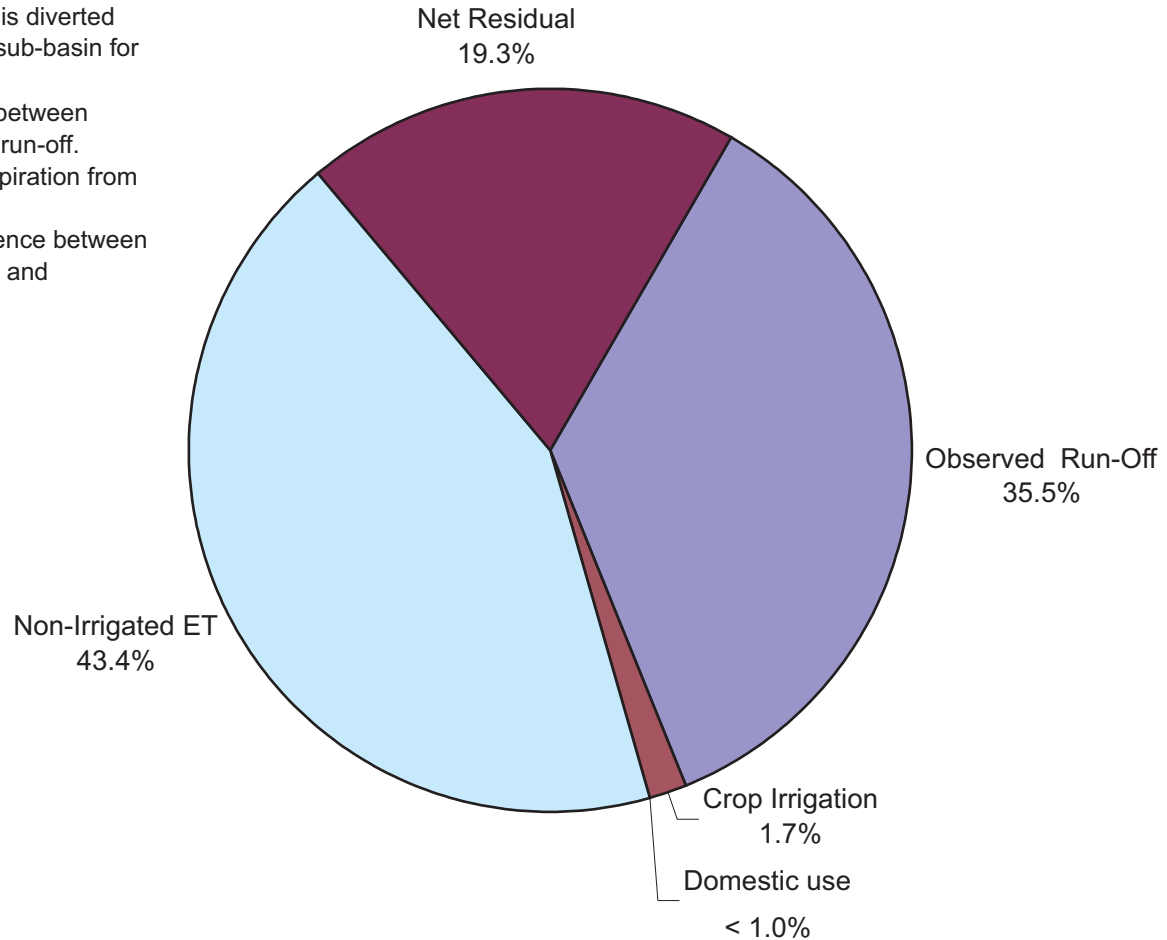
Domestic Use: Water used residential users.

Irrigation Bypass: Water that is diverted from one sub-basin to another sub-basin for irrigation purposes.

Net Residual: The difference between predicted run-off and observed run-off.

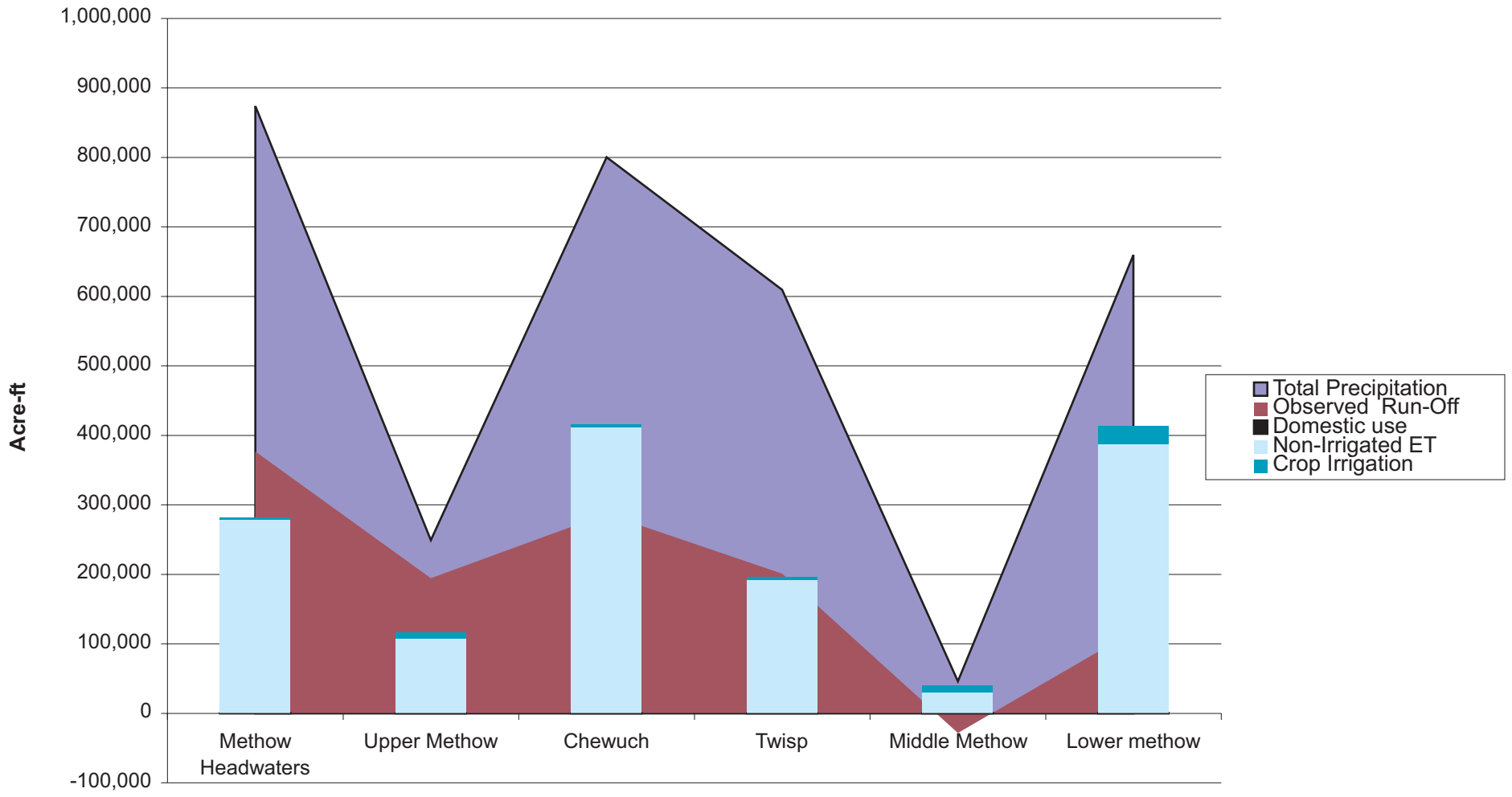
Non-Irrigated ET: Evapotranspiration from non-irrigated lands.

Observed Run-off: The difference between streamflow entering the system and streamflow leaving the system.



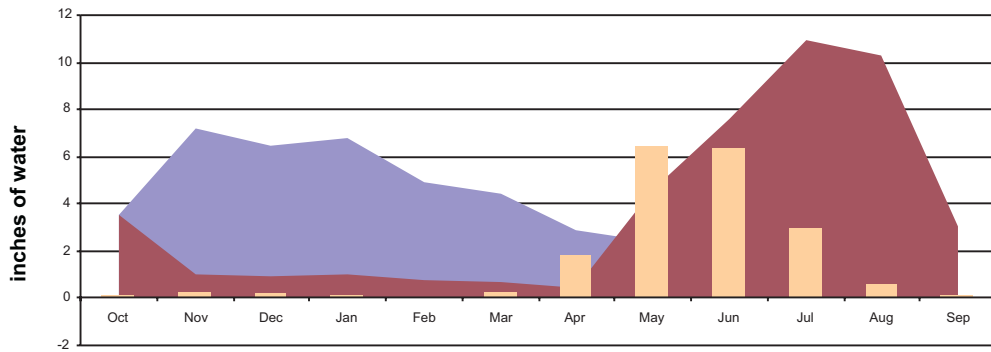
Note: Water Balance assumes Case 2 Water Use Scenario and 70% Irrigation Efficiency.

FIGURE **12-2**
ANNUAL DISTRIBUTION OF WATER IN THE METHOW BASIN
OCWRD/WATERSHED TECH SUPPORT/WA

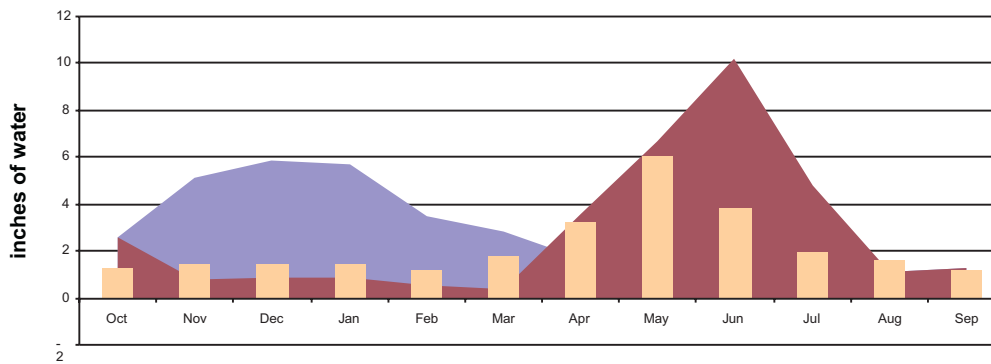


Note: Total Consumptive Use includes crop consumptive irrigation, domestic consumptive use, non-irrigated consumptive use and gage bypass.

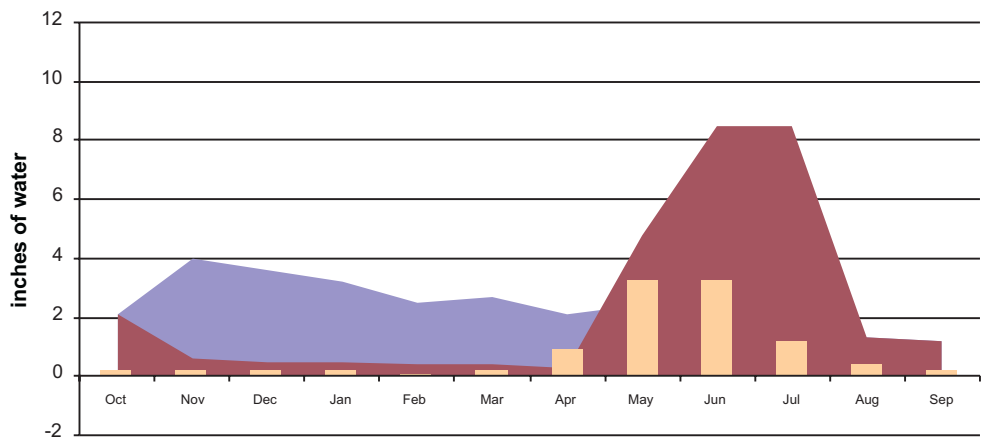
FIGURE 12-3
ANNUAL WATER AVAILABILITY VS. CONSUMPTIVE USE
 OCWRD/WATERSHED TECH SUPPORT/WA



a. Methow Headwaters



b. Upper Methow



c. Chewuch

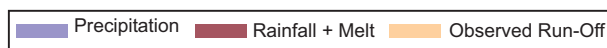
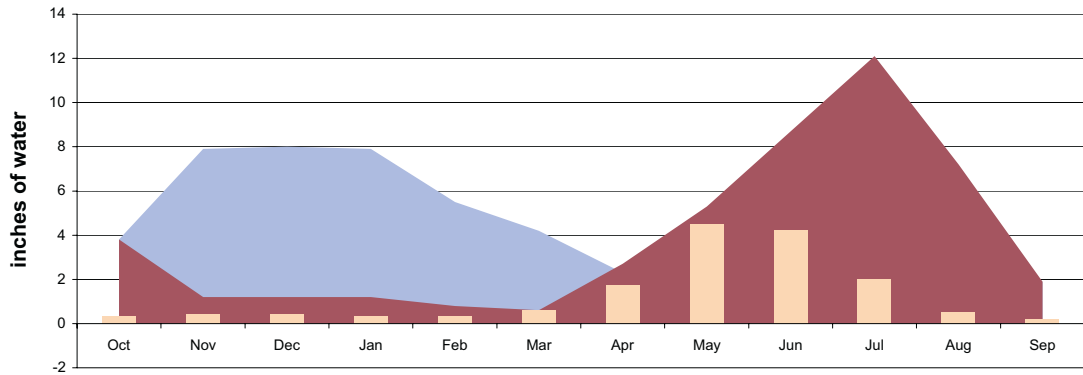
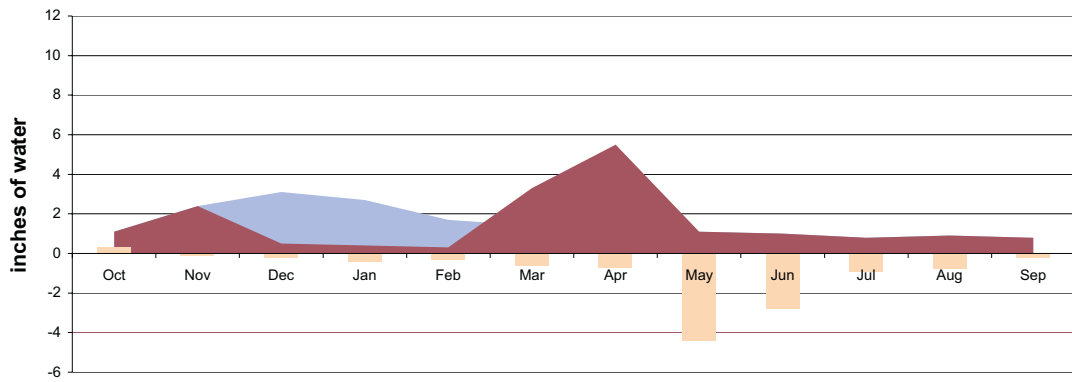


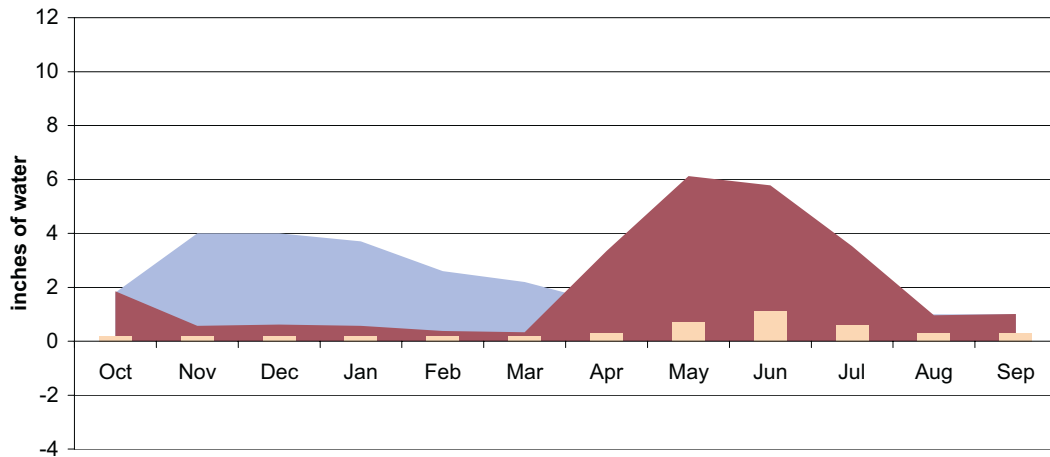
FIGURE 12-4
NATURAL COMPONENTS OF THE WATER BALANCE
 OCWRD/WATERSHED TECH SUPPORT/WA



d. Twisp



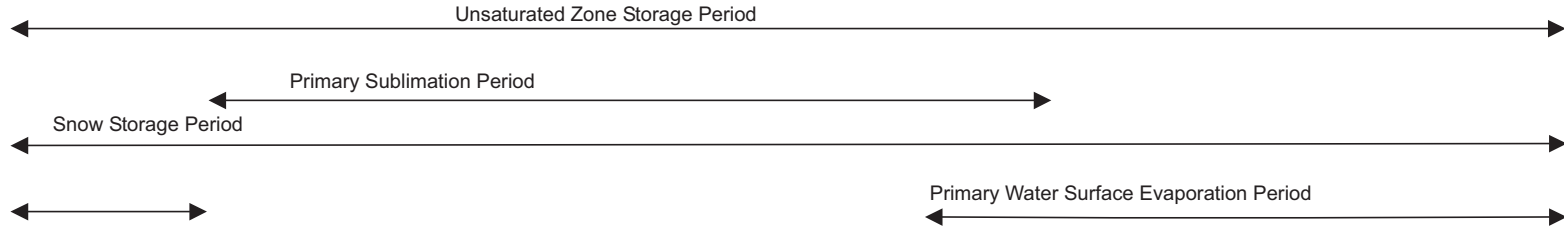
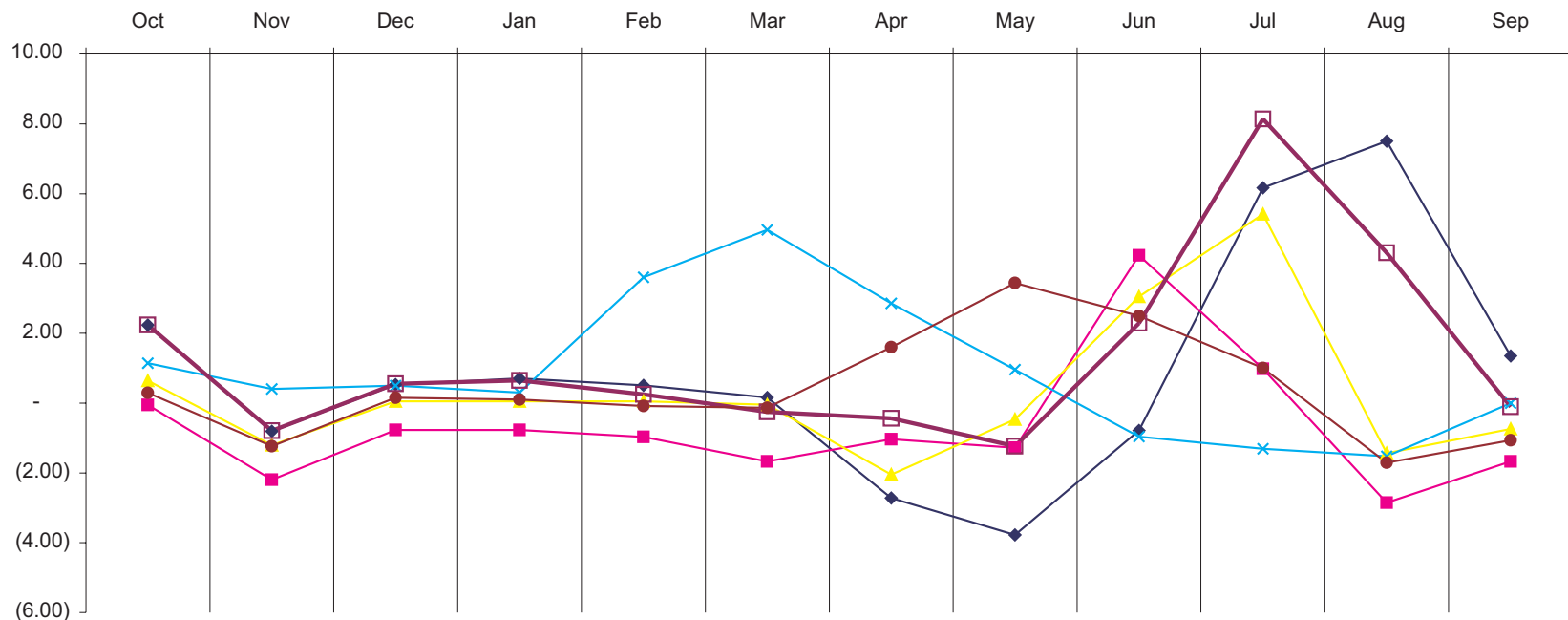
e. Middle Methow



f. Lower Methow

Precipitation
 Rainfall + Melt
 Observed Run-Off

FIGURE **12-5**
NATURAL COMPONENTS OF THE WATER BALANCE
 OCWRD/WATERSHED TECH SUPPORT/WA



◆ Headwaters
 ■ Upper Methow
 ▲ Chewuch
 × Middle Methow
 + Twisp
 ● Lower Methow

FIGURE **12-6**
MONTHLY NET RESIDUAL BY SUB-BASIN
 OCWRD/WATERSHED TECH SUPPORT/WA