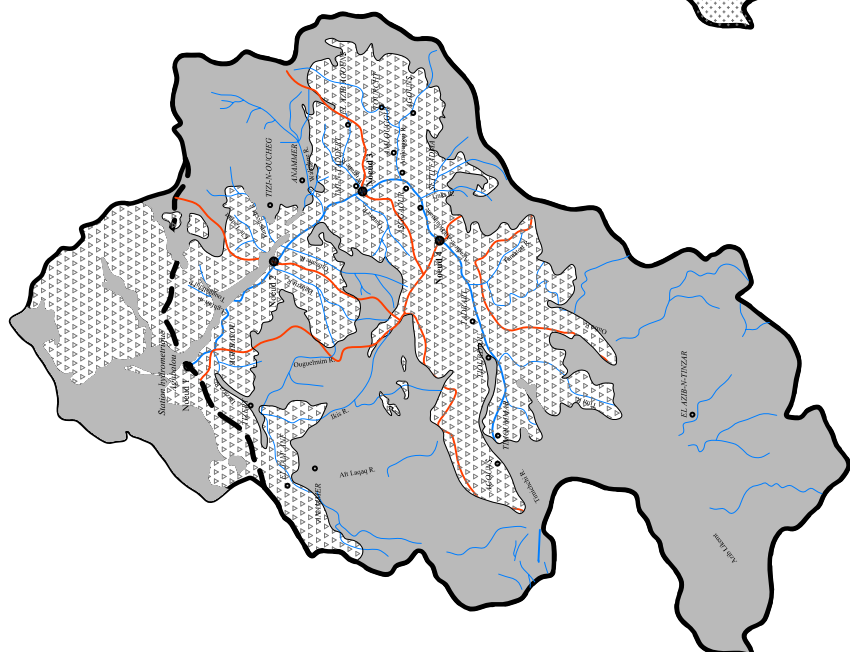
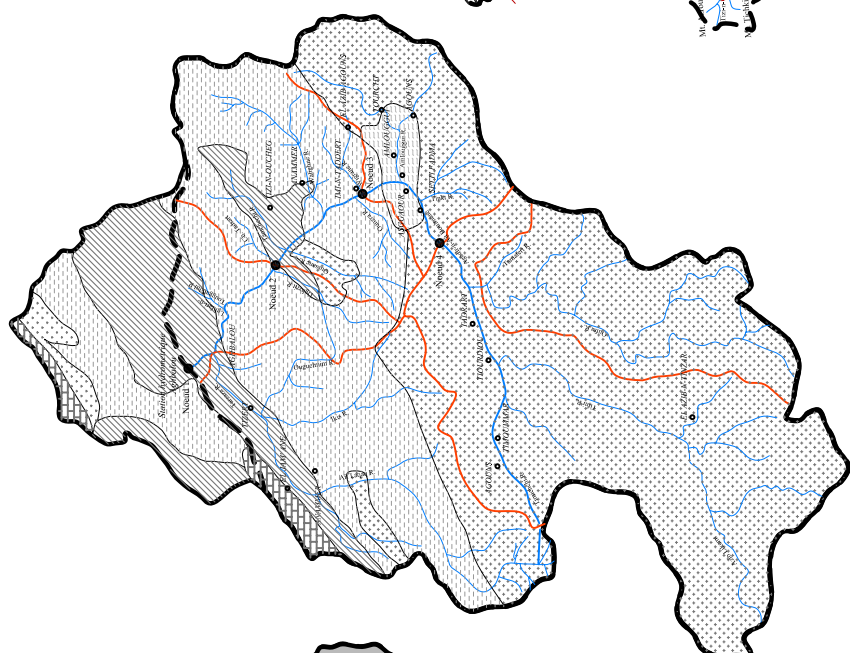


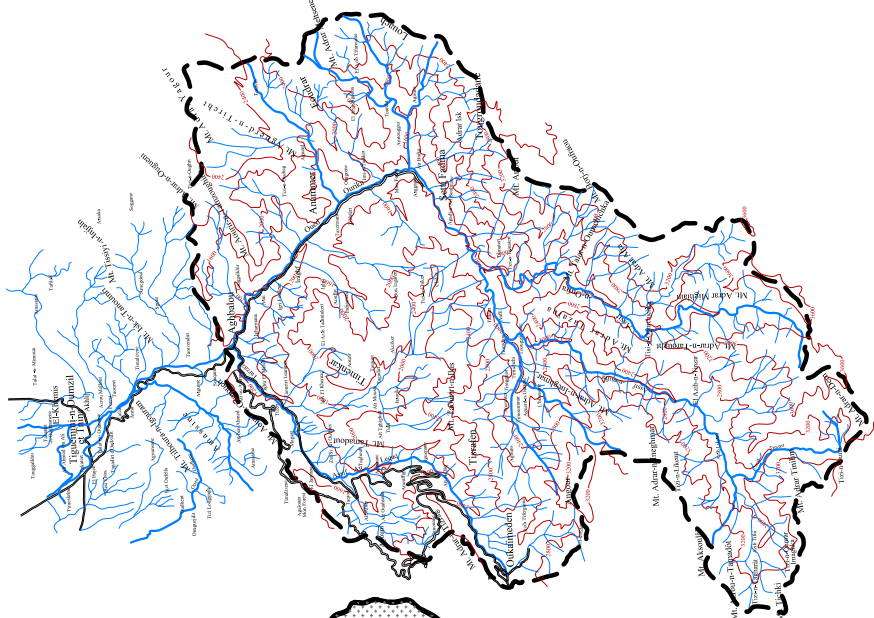
Vegetation Map



Lithological Map



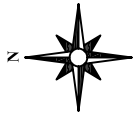
Topographical Map



Legend

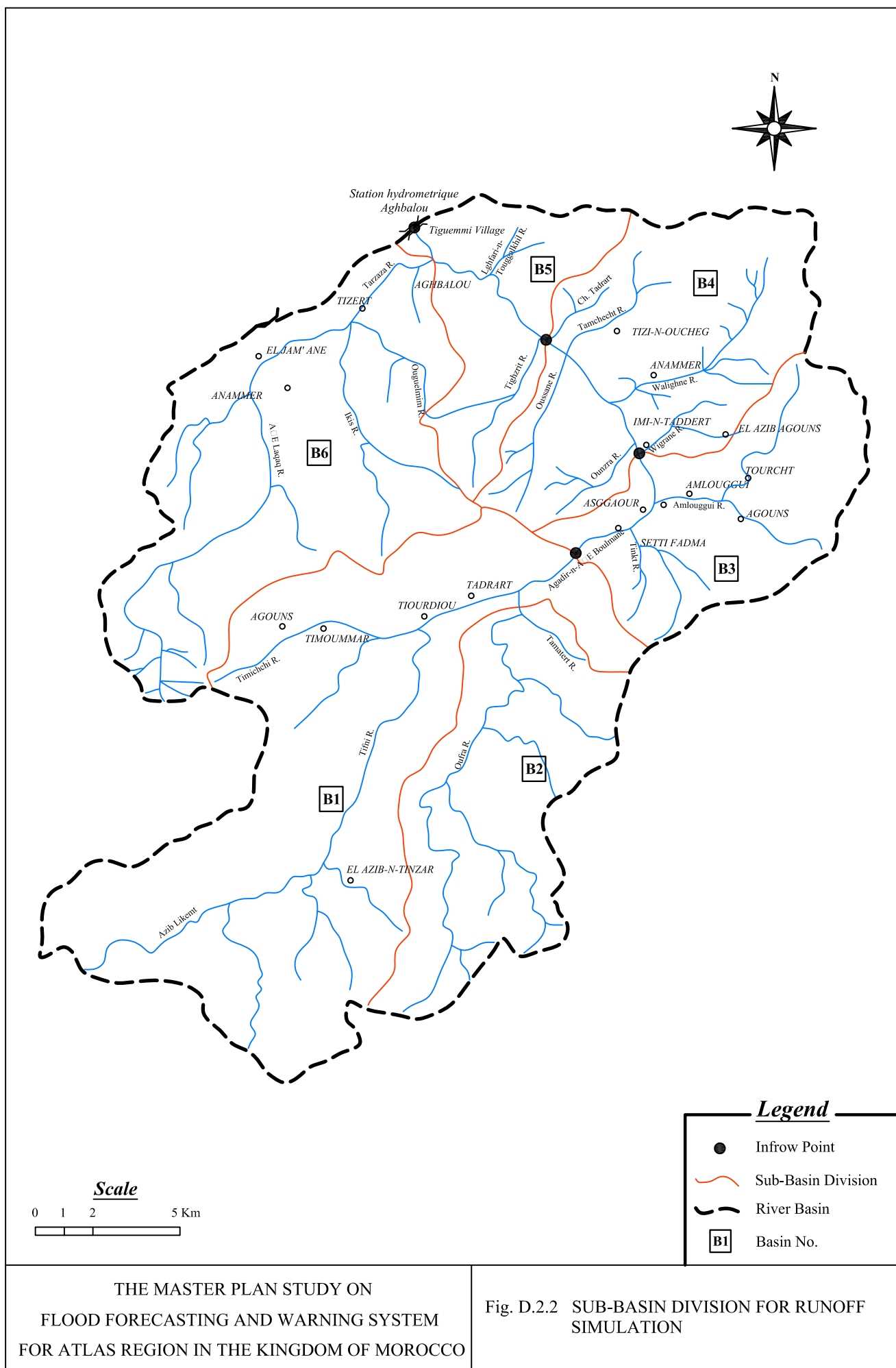
- | | | | |
|--|------------------------------------|--|------------------------------------|
| | Marly Chalk (cretaceous) | | Migmatite - Gneiss (Precambrian) |
| | Doleritic Basalte (Trias) | | Granit - Grandiorite (Precambrian) |
| | Red Clayey Soudstone (Permo-Trias) | | Reforested Area / or Undergrowth |
| | Schist (Paleozoic) | | |
| | Non Reforested Area | | |

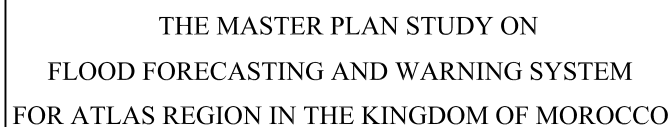
Scale



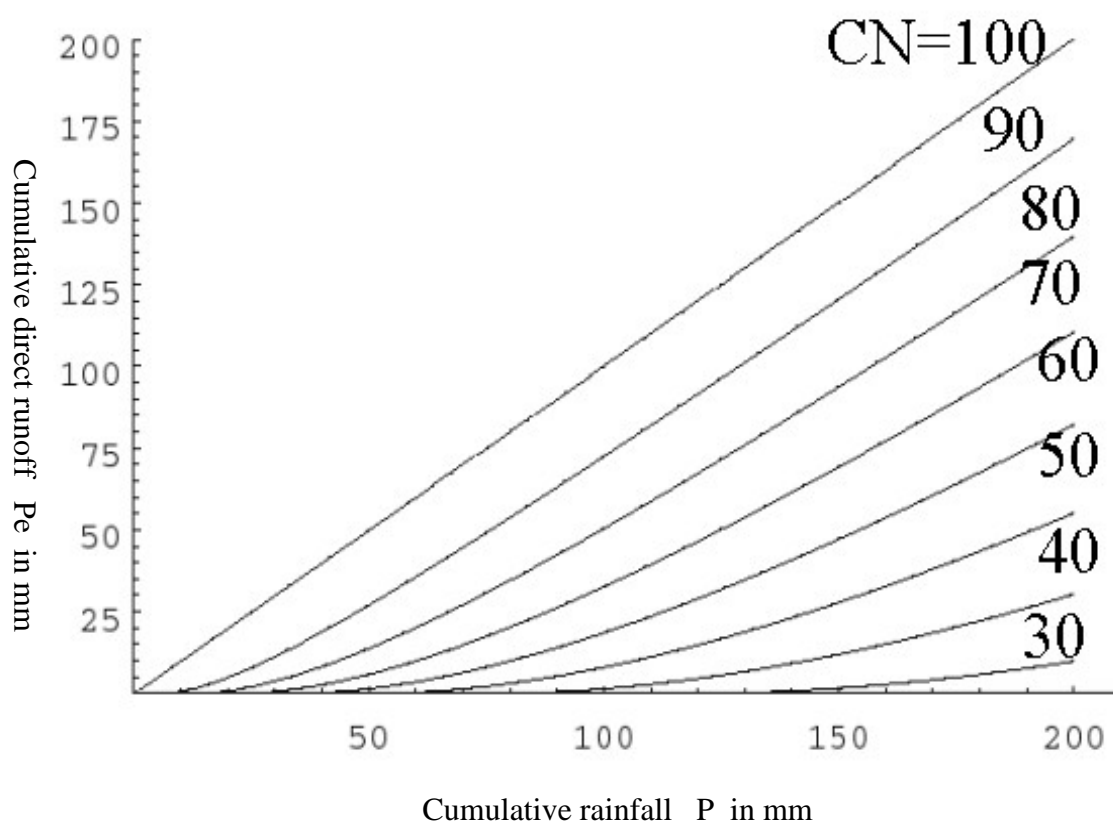
THE MASTER PLAN STUDY ON
FLOOD FORECASTING AND WARNING SYSTEM
FOR ATLAS REGION IN THE KINGDOM OF MOROCCO

Fig. D.2.1 TOPOGRAPICAL, LITHOLOGICAL AND VEGETATION MAP





D-F12



$$\frac{F}{S} = \frac{P_e}{P - I_a}$$

$$I_a = 0.2S$$

$$CN = \frac{1000}{10 + S/25.4}$$

P: Rainfall (mm)

I_a : Initial Abstraction (mm)

F: Infiltration (mm)

P_e : Rainfall Excess (mm)

S: Saturated Infiltration (mm)

CN: Curve Number