You are again presented with the menu and will see that "*->" has moved from 4 to 5. You are now ready to carry out individual basin simulations. You should now select Choice: 5 from the menu. The simulation results can be seen on the left frame of the monitor. Compare the hydrographs that you obtain with those shown in Figures 6, 7, 8. The legend basin map and stream map on the right frame allows you to visualize the basin corresponding to the hydrograph.

`[ANALYZING BASIN 1 ............]`
`[Please enter basin overland flow parameters now.]`
`Mannings roughness coefficient(0.01 - 0.8):`***0.09***

`ASSEMBLING MATRICES .........100% done.`
`Please enter infiltration parameters:`

`Saturated conductivity [m/s](0 - 8e-06):`***2.5e-06***

`Capillary suction at wetting front [m](0 - 2):`***0.18***

`Porosity(0 - 0.9):`***0.4***

`Degree of saturation(0 - 1):`***0.67***

`Starting time step calculation ............ 100%`

`[Hit RETURN to view hydrograph]`

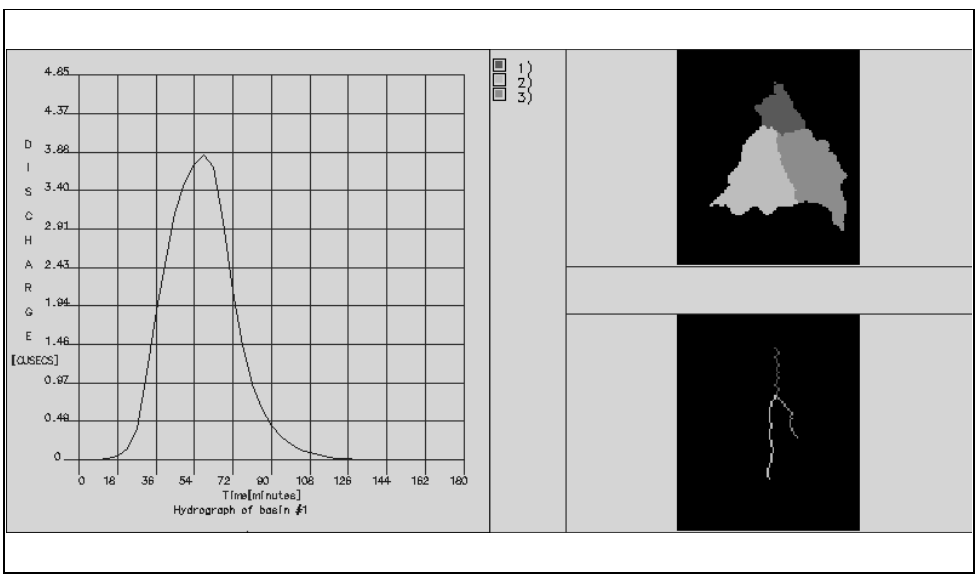

Figure 6. Hydrograph for basin 1.