Given:

Location = College Station, TX
Soil = 60% silt and very fine sand, 20% sand, 1.0% organic matter with a very fine granular soil structure and very slow permeability.
Slope length = 200 ft
Slope steepness = 7%
Vegetation = tall weeds approximately 1.5 feet tall (mostly broadleaf with little lateral-root networks) with 50% of the total area surface hidden from view in a vertical projection with 0% cover that contact the ground.
The field is contoured.
Figure 1: Hydrograph produced by a 3-inch rainfall event.

Note: Figure 1 distributed in class.

Required:

Use the MSULE equation to determine the soil loss (in tons) from the watershed.