d)   The total excess rain from area A is 7.80 in.

e)   The peak outflow rate from area A is 34,475 cfs.

f)   The peak routed flow is 25,622 cfs at time = 8 hr and 30 min. The peak flow at point 1 is 34,475 cfs at time = 5 hr and 30 min. Hence the lag is 3 hours.

g)   The percent attenuation of peaks in routing from point 1 to 2 is (34,475 - 25,622)/34,475 = 25.7 percent.

h)   The subarea B peak outflow is 17,310 cfs.

i)   The combined peak outflow from B is 30,092 cfs.