Exercise #4: Calculating Peak Hourly Demand Flow

Directions: Work as a group to determine what the peak hourly demand flow is based on the graph below.
Questions:
At what 1-hour interval did PHD occur? ______________
What is the peak hourly demand flow (gpm)? ______________
What was the peak instantaneous demand flow (gpm)? ______________

Bonus questions:
Is it ok to use the peak instantaneous flow instead for calculating time T? ______________
If so, what are the advantages/disadvantages? ______________

Is it ok to use the average daily flow instead for calculating time T? ______________
Why or why not? ______________