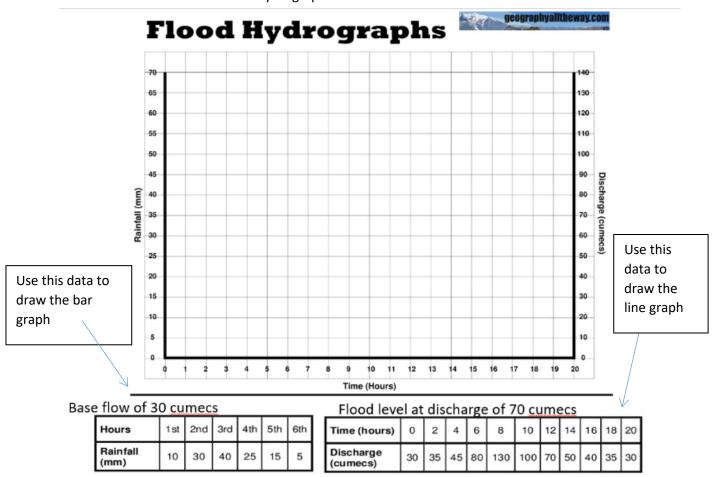


1. Draw and label the flood hydrograph below.



- 2. Label the hydrograph
- Rising limb
- Falling Limb
- Peak flow/ discharge
- Baseflow
- Bankfull Discharge
- Lag time
- Peak precipitation
- 3. What time was Peak rainfall? (1 mark)
- 4. What time was peak discharge? (1 mark)
- 5. Total amount of rainfall during the storm. Show your working for second mark (2 marks)
- 6. Calculate the lag time. Show your working for second mark (2 marks)
- 7. Explain one physical factor, other than rainfall, that causes lagtime to vary. (2 marks)
- 8. Explain why urbanisation can increase risk of river flooding. (6 marks)

