

XII. B. JET STREAM QUESTIONS

1. Why is the flow aloft predominantly westerly?
2. At what time of year should we expect the fastest westerly flow? Explain.
3. Briefly explain how the flow aloft maintains cyclones at the surface.
4. What is speed divergence?
5. What is speed convergence?
6. Given an upper air chart, where do forecasters usually look to find favorable sites for cyclogenesis?
7. Where do anticyclones usually form in relation to the upper-level flow?