*High and Dry* – Canadian Geographic Reading– By David Lees

1. What is the largest lake system in the world?
2. Explain why is this lake system a good measure of water fluctuations within the Great Lakes?
3. What was the height of the water at its highest and lowest levels? Record the years.
4. What was the average water level drop per year over that time period?
5. What was unprecedented about the water level decline?
6. What percentage of the Great Lakes water is in the surrounding basin ie aquifer? (yes, you will have to do math)
7. What factors make up the water level recharge? What depth will the recharge cause the lakes to fluctuate on any given year?
8. What problems have the declining water levels created for cottagers?
9. Define I*sostatic rebound.* How does this factor into the decreasing water levels?
10. Why was the St. Clair River dredged? How deep was it supposed to be dredged and what are the actual measurements?
11. Use specific proof from the reading to why this could be a potential reason for the low water levels.
12. Discuss some of the financial and ecological repercussion the low water levels have caused?
13. Summarise the theory of *ground water* pumping as a possible culprit?
14. How much ground water has changed direction - instead of draining into Lake Michigan, now drains into the Mississippi River
15. “*Governments have begun to take the unknown seriously*” – What strategies are being implemented to solve the problem?