

Flooding [NAME:]

1. What is a flood plain and how is it formed?
2. What are the advantages of building on a flood plain?
3. What are some of the disadvantages of building on a flood plain?
4. What are some of the consequences of building dams?
- 5.

Year	Water Level (m)
1826	11.12
1852	10.51
1861	9.9
1950	9.23
1974	5.36
1979	5.85
1997	10.45 *
2009	9.23 *

The table to the left shows the peak water levels for eight Red River floods. Make a graph using these numbers. What trend do you notice?

* Note: 1997 and 2009 show the estimated peak water level that would have occurred if the Red River Floodway had not been built. The actual peak water level for 1997 was 7.46m and 6.9m for 2009.

6. Provide three examples of how we seek to contain or prevent damage due to flooding. Provide one positive and one negative impact for each of the three examples.