**Agriculture 30S**

**Unit 2 Assignment – Flood Report**

**Introduction:** Think about what you already know about floods and think about the following aspects of floods: What causes flooding to occur? How does flooding impact people? How can flooding impact the Earth’s surface? What can be done to predict flooding?

Visit the following websites to gain more information on the topic:

<http://www.gov.mb.ca/flooding/>

<http://www.gov.mb.ca/mit/floodinfo/index.html>

<http://www.pbs.org/newshour/infocus/floods/science.html>

<http://www.nws.noaa.gov/floodsafety/floodsafe.shtml>

<http://pmm.nasa.gov/education/videos/gpm-hurricanes-beyond-tropics>

<http://pmm.nasa.gov/education/videos/for-good-measure>

**Directions:**

1. On a copy of the page 2 Map use arrows to indicate which direction water flows from our lakes and through our rivers *(2 marks).*
2. Explain the factors which led to such a large flood in our province in past springs *(5 marks)*
3. Create a report that includes the following information:
* Causes of the flood (physical, human, etc*). (5 marks)*
* Effects of a flood on the urban population and effects (if different) on the farming/rural population (include short term and long term). *( 5 marks*)
* Clean up measures taken following the flood *(5 marks)*
* All measures taken in Southern Manitoba to fight a flood, along with an example of one Manitoba community that has been affected and their initiatives for fighting the floods *(1o marks)*
* Preventative measures/recommendations/initiatives for future spring floods (*5 marks).*
* Include diagrams and illustrations to back up your points (*3 marks).*
1. Find one news article on recent flooding in Manitoba and include with your report *(2 marks).*

**EVALUATION:**

TOTAL /42