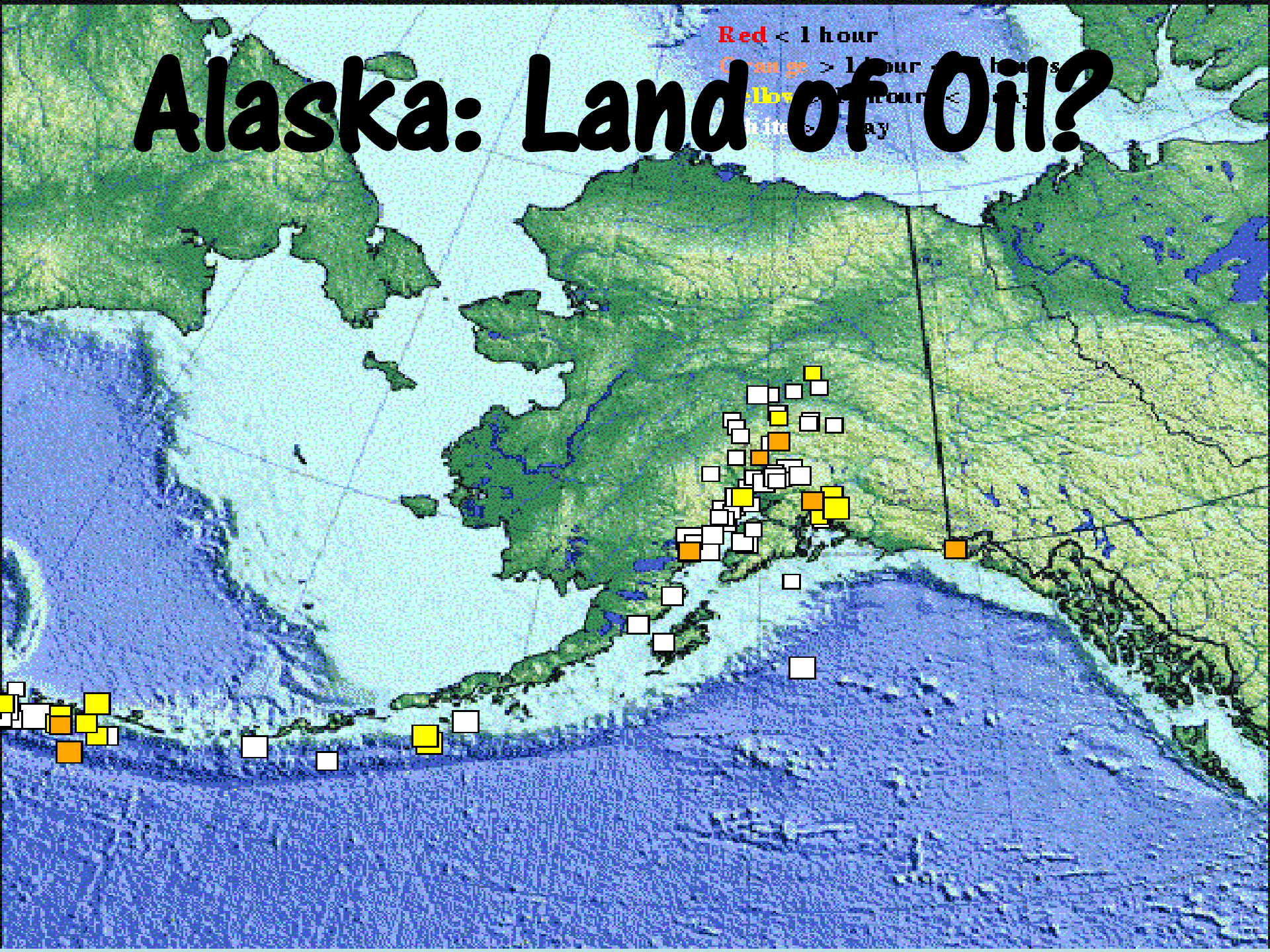


Alaska: Land of Oil?

Red < 1 hour
Orange > 1 hour - 1 hour
Yellow > 1 hour - 1 hour
White > 1 hour - 1 hour





Prudhoe Bay: Oil Currently Drilled Here!

Prudhoe Bay



BIG 3 OIL CO's

An aerial photograph of an oil field. The landscape is flat and brownish, with numerous large, circular storage tanks and various industrial structures. A network of roads and pipelines crisscrosses the area. In the background, there are some hills under a cloudy sky.

- BP-British Petroleum (runs the field)
 - Exxon Mobil
 - Conoco-Phillips (Union 76)

Alaska Pipeline



Above Ground?

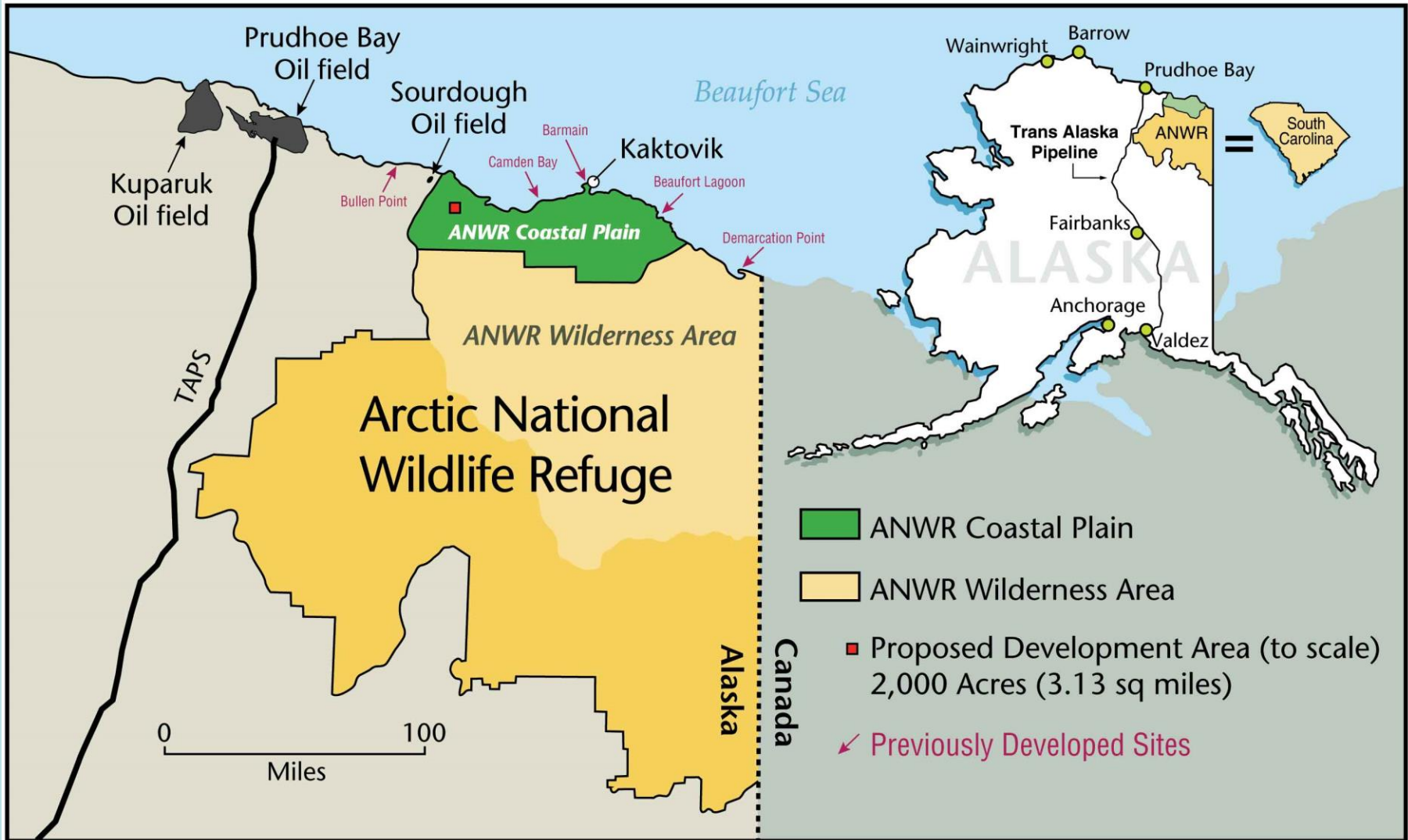
- Earthquakes → easy to assess leaks
- Permafrost → hard to build under!
- Cold under the soil!
Oil clumps in cold



Oil Tankers Pick Up Oil and Deliver to Refineries



ANWR



Caribou Migration



Polar Bears: Tundra Lifestyle





Tundra is Fragile Because....

- Slow growth → slow recovery rates
- Specialized species → highly sensitive to env. Change
- Simple food webs → minor changes lead to major effects
- Permafrost → long residence time of accidental pollutants.

ANWR Town Hall

- Should we open up ANWR for oil exploration and drilling?
- Many different sides; will be split into different teams representing an interest group.
- 5 minutes each team to present; 1 or more reporting

4

Presentation

4 presenters
Each member shows
concise understanding
of the argument.

Preparation

4+ Pieces of evidence
Bonus for outside
sources.

Validity

Proof to back up evidence
Citations
State both pros and cons

3

Everyone speaks yet
not everyone's
engaged.

Basic understanding
of argument
3 pieces of evidence

Although cited, the
sources aren't credible

2

One speaker overpower
the others.
inconsistent participation
amongst members.

Although present, the
arguments are ineffective.

Basic understanding
No outside sources.

1

Disrespect towards the
opposing team.
Presenters are spacing out
Going off on tangents.

Evidence is pulled out of thin
air. (No support)
No evidence at all

No citations at all
Weak arguments w/ no back
up evidence

Just A Suggestion...

- Get into groups...make a list of advantages and disadvantages ...then share out with the group.
Create argument based on position.