

## Salmon Run Collapse

The king salmon run in the Yukon River has collapsed. Changes in the physical environment may have contributed to this collapse. All of the items on the list below are things that can affect the salmon. Put an X by the items on the list that are features of the physical environment.



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| <input type="checkbox"/> course of the river                   | <input type="checkbox"/> earthquake                          |
| <input type="checkbox"/> fishing regulations                   | <input type="checkbox"/> salmon fat reserves                 |
| <input type="checkbox"/> algae bloom                           | <input type="checkbox"/> amount of rainfall                  |
| <input type="checkbox"/> runoff from mining                    | <input type="checkbox"/> amount of food for salmon           |
| <input type="checkbox"/> riverbed materials                    | <input type="checkbox"/> water chemistry                     |
| <input type="checkbox"/> number of fish caught by predators    | <input type="checkbox"/> population of fish parasites        |
| <input type="checkbox"/> flood                                 | <input type="checkbox"/> cloud cover                         |
| <input type="checkbox"/> amount of shade                       | <input type="checkbox"/> direction of wind                   |
| <input type="checkbox"/> amount of sediment in the river water | <input type="checkbox"/> boat traffic                        |
| <input type="checkbox"/> dam in the river                      | <input type="checkbox"/> peoples' eating choices             |
| <input type="checkbox"/> ocean temperatures                    | <input type="checkbox"/> landslide                           |
| <input type="checkbox"/> price of salmon                       | <input type="checkbox"/> age of the salmon                   |
| <input type="checkbox"/> timing of breakup                     | <input type="checkbox"/> discarded fishing nets in the water |

Explain your thinking. How did you decide whether something is a part of the physical environment?