

# Science always leads.

## Streamside buffers in working forests are keeping water cool.

A recently released decade-long study under Washington's Adaptive Management Program looked at water quality in working forests, focusing on temperature and sediment. The conclusion was that **streamside Forests & Fish buffers of trees are keeping water cool for fish.**

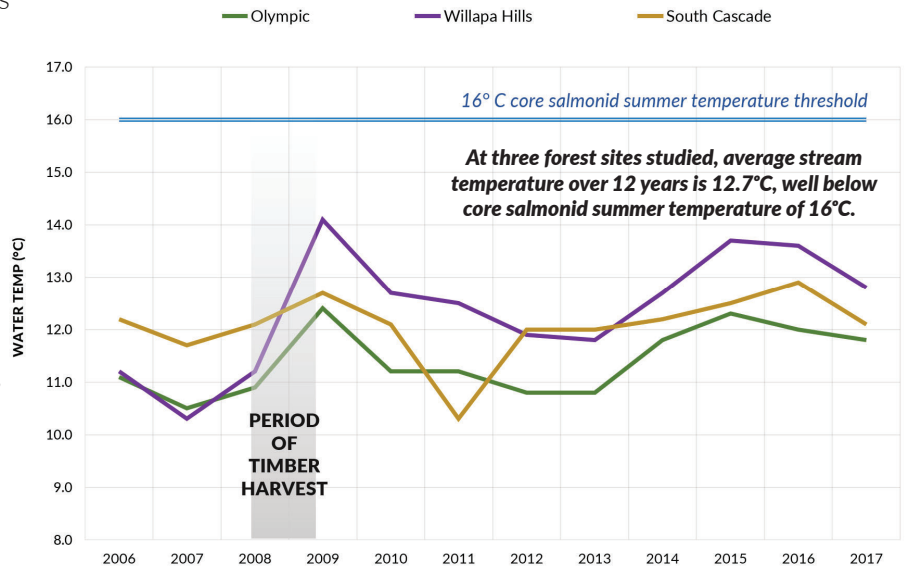
The study (informally known as "Hardrock") measured temperatures in non-fish bearing waters that flow downstream into fish-bearing waters – during the two years before timber harvest and for nine years after timber harvest, the part of the forest cycle when forests are replanted and start to regrow.

### The data gathered in these working forests speaks for itself.

In this study, Forests & Fish buffers protect cool temperatures in fish-bearing waters – the stream systems in which fish live and spawn. By following the Adaptive Management process – **analyzing forest practices using cooperative research and science** – Washington state ensures that science is always in the lead on policy.


Read the study and more about its findings at [workingforests.org/hardrock](http://workingforests.org/hardrock)


### The "Hardrock" study shows Forests & Fish buffers protected cool water temperatures for salmon before, during and after timber harvest.



Thanks to scientific forest practices, Washington's working forests protect cool, clean water on 60,000 miles of forested streams.

 Private and state foresters have removed 8,100 barriers to fish passage and reopened 6,200 miles of streams.

 The Adaptive Management Program has funded more than \$15 million per biennium in research since 2001. The program is paid for with a combination of taxes collected from the forest products industry and proceeds from the state general fund.

 More than 2 million acres of forests are set aside for conservation in uplands and streamside buffers to meet standards in the Clean Water Act for fish temperature and sediment.

To find out more about investments in salmon and water quality go to: [forestsandfish.com](http://forestsandfish.com)

### WASHINGTON FOREST PROTECTION ASSOCIATION MEMBERS

- |                                    |                                       |
|------------------------------------|---------------------------------------|
| Barker Tree Farm - Woods Trust     | Munro, LLC                            |
| Boedel Timberlands Development     | NBGC, LLC                             |
| Broughton Lumber Company           | Nookachamps Forest                    |
| BTG Pactual                        | Norseman Timber Company               |
| Conservation Forestry Partners, LP | O'Neill Pine Company                  |
| DGS Timber                         | Pacific Denkmann - Pilchuck Tree Farm |
| Dye, Mary                          | Pacific Forest Management, Inc.       |
| EMF Enterprises, LLC               | Pacific West Timber Company, LLC      |
| E.E. Overton                       | PB Lumber, LP                         |
| Forest Northwest LLP               | Plas Newydd, LLC                      |
| Fruit Growers Supply Co.           | Port Blakely                          |
| Grandy Lake Forest                 | Rayonier                              |
| Green Crow Corp.                   | RD Merrill Company                    |
| Green Crow Forecastle NW           | Ring Family Limited Partnership       |
| Green Crow Timber                  | Schaaf, Norm                          |
| Green Diamond Resource Company     | Seefeld Corporation                   |
| GreenWood Resources Inc.           | Sheldon Properties                    |
| Hama Hama Co.                      | Sierra Pacific Industries             |
| Hampton Lumber                     | Stimson Lumber Company                |
| Hancock Forest Management, Inc.    | TC&I Chinook, LLC                     |
| Hanson, Gary                       | Timberland Investment Resources       |
| Hess, Phil                         | Two Cats Timber                       |
| Inland Empire Paper Co.            | Vaagen Brothers Lumber                |
| JLCC, LLC                          | Weyerhaeuser Company                  |
| Miller, Ken & Bonnie               | Wilcox Farms, Inc.                    |
| Molpus Woodlands Group, LLC        | Wilson Tree Farm                      |

# Recognize progress on salmon.

