

# **PFC does**

- » **Determine potential and capability**
- » **Define issues that need to be addressed**
- » **Selecting appropriate management practices**
- » **Determine appropriate monitoring**

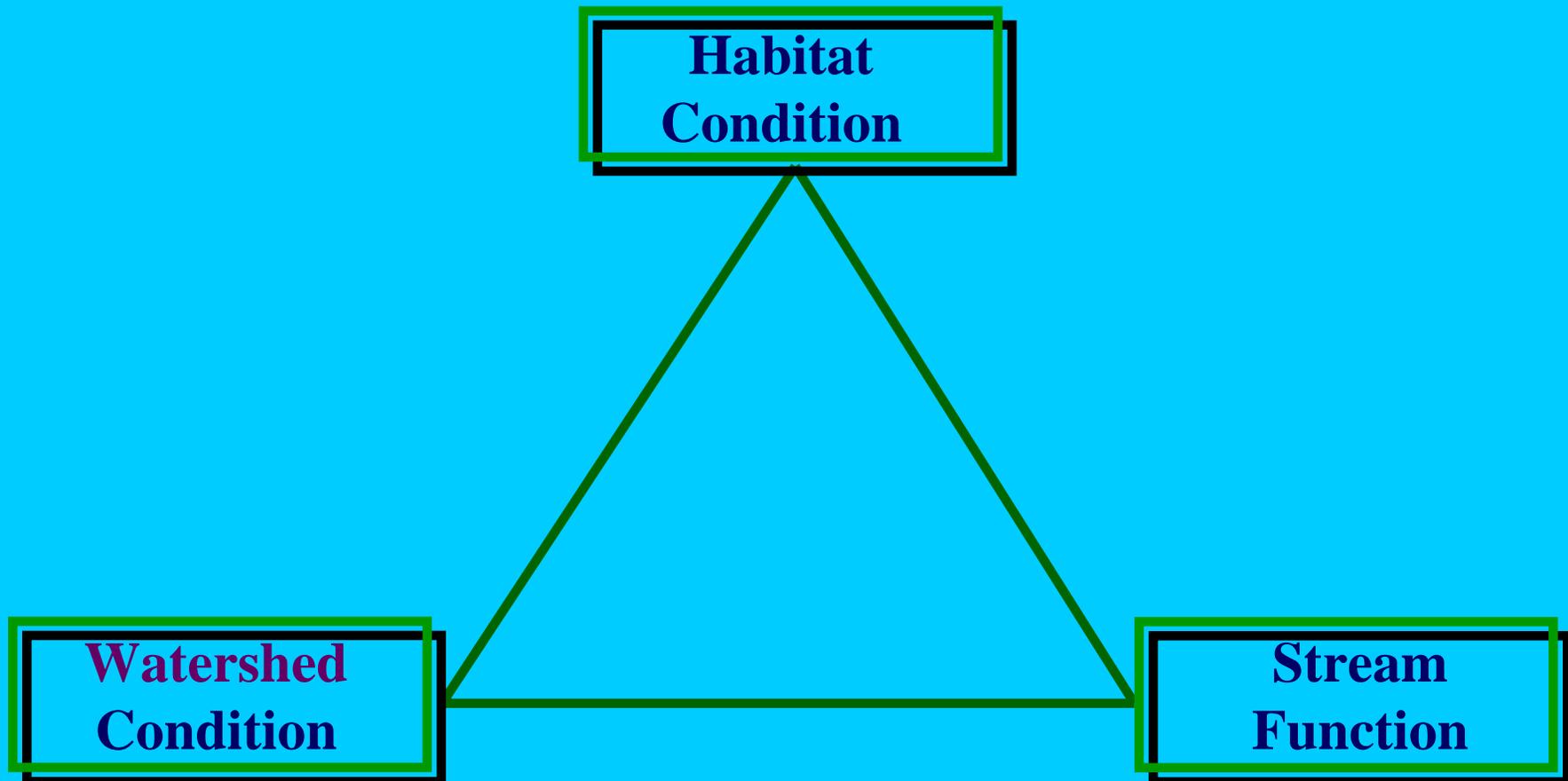
**PFC does not replace**

» **Legal Requirements, design, EISA, CWA**

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# Aquatic Ecosystem Health

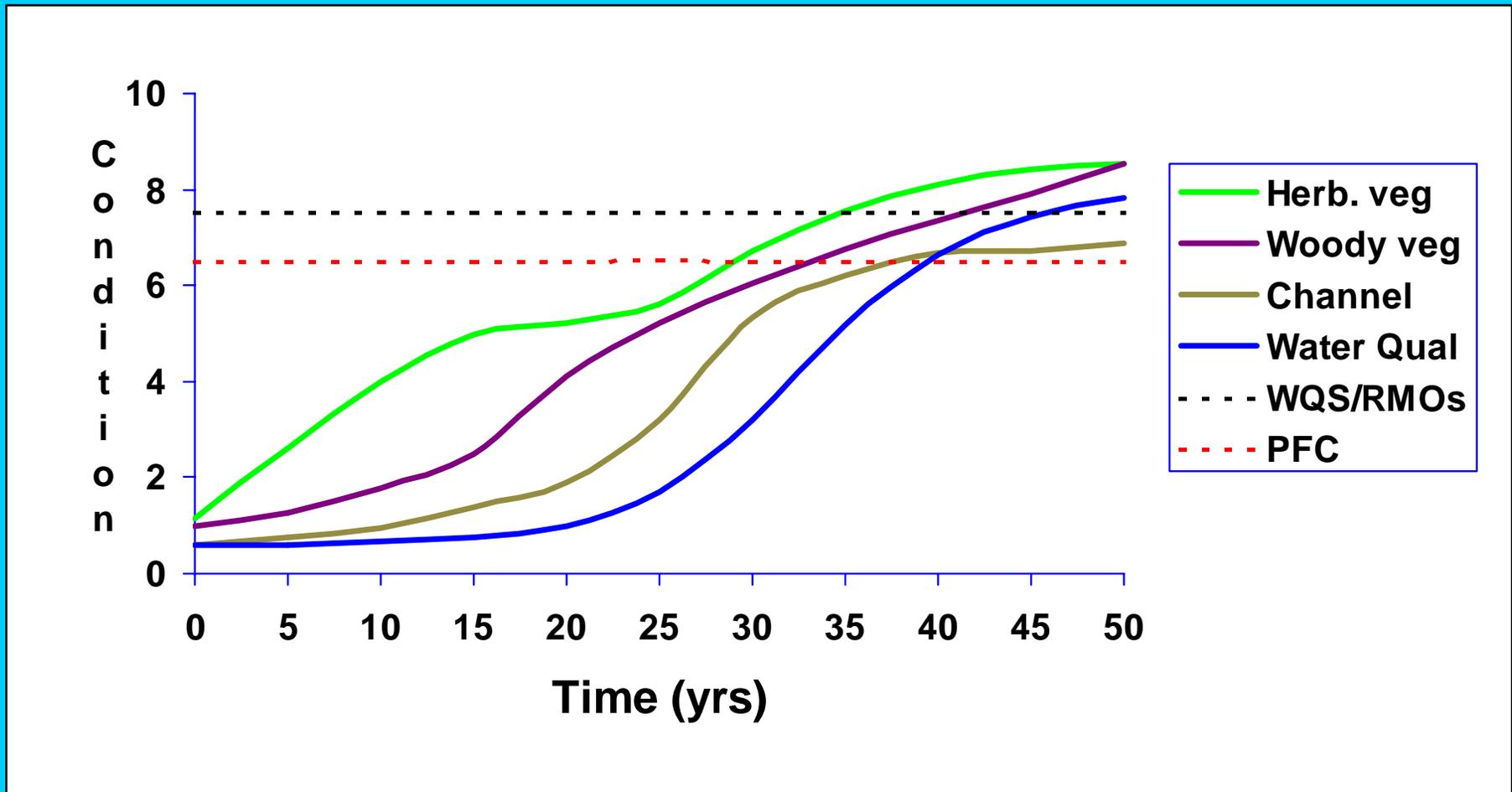
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**Attain Proper Functioning  
Condition as a first step to move  
habitat condition of streams,  
riparian areas, or lakes and ponds  
toward achieving aquatic and  
riparian objectives.**

# Recovery Rates

## Non-Functional





# Proper Functioning Condition and Its Relationship to Water Quality and Biological Components

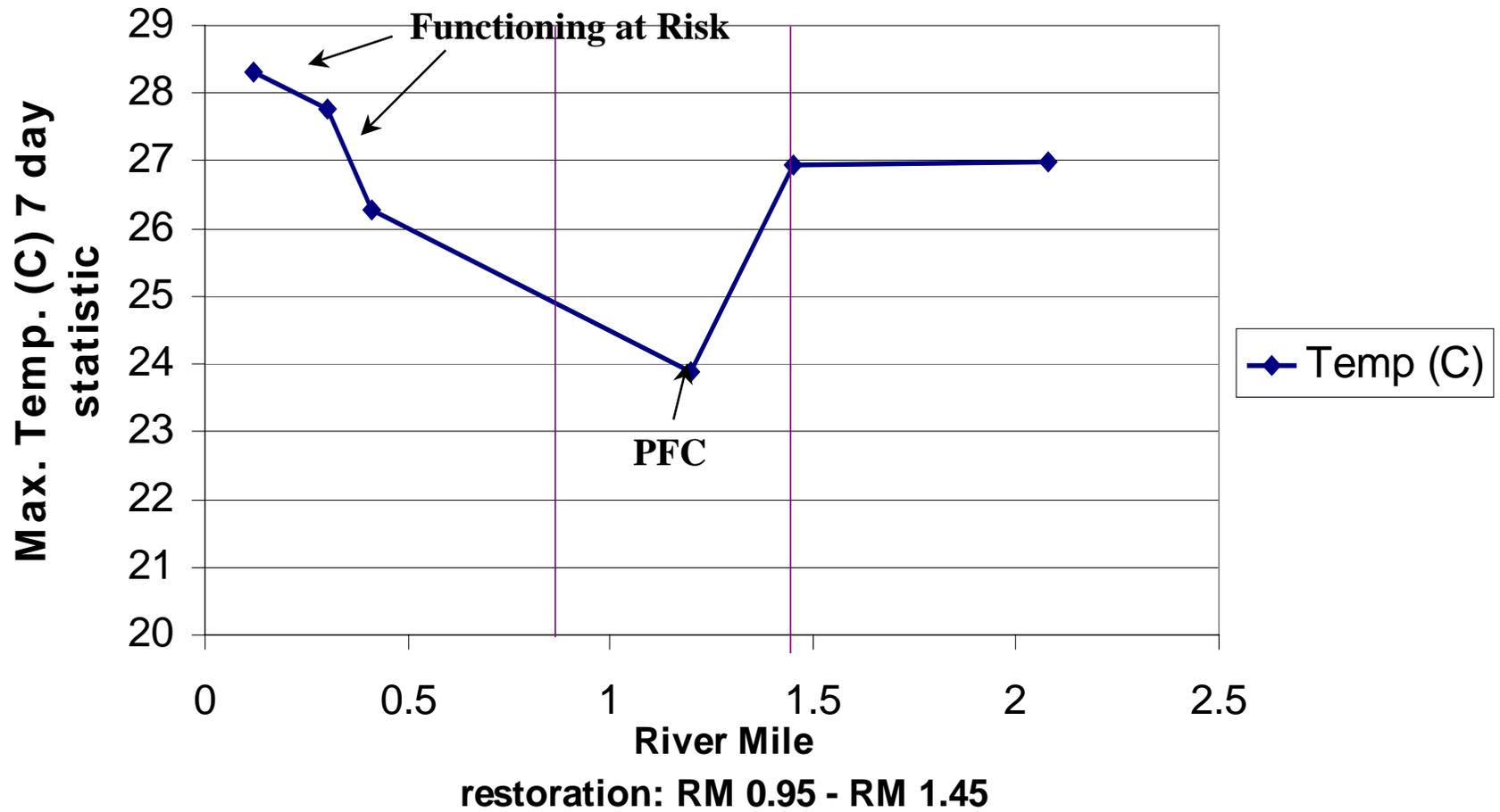
**Rick Hafele, Oregon Department of Environmental Quality**

**Ron Wiley, National Riparian Service Team (BLM)**

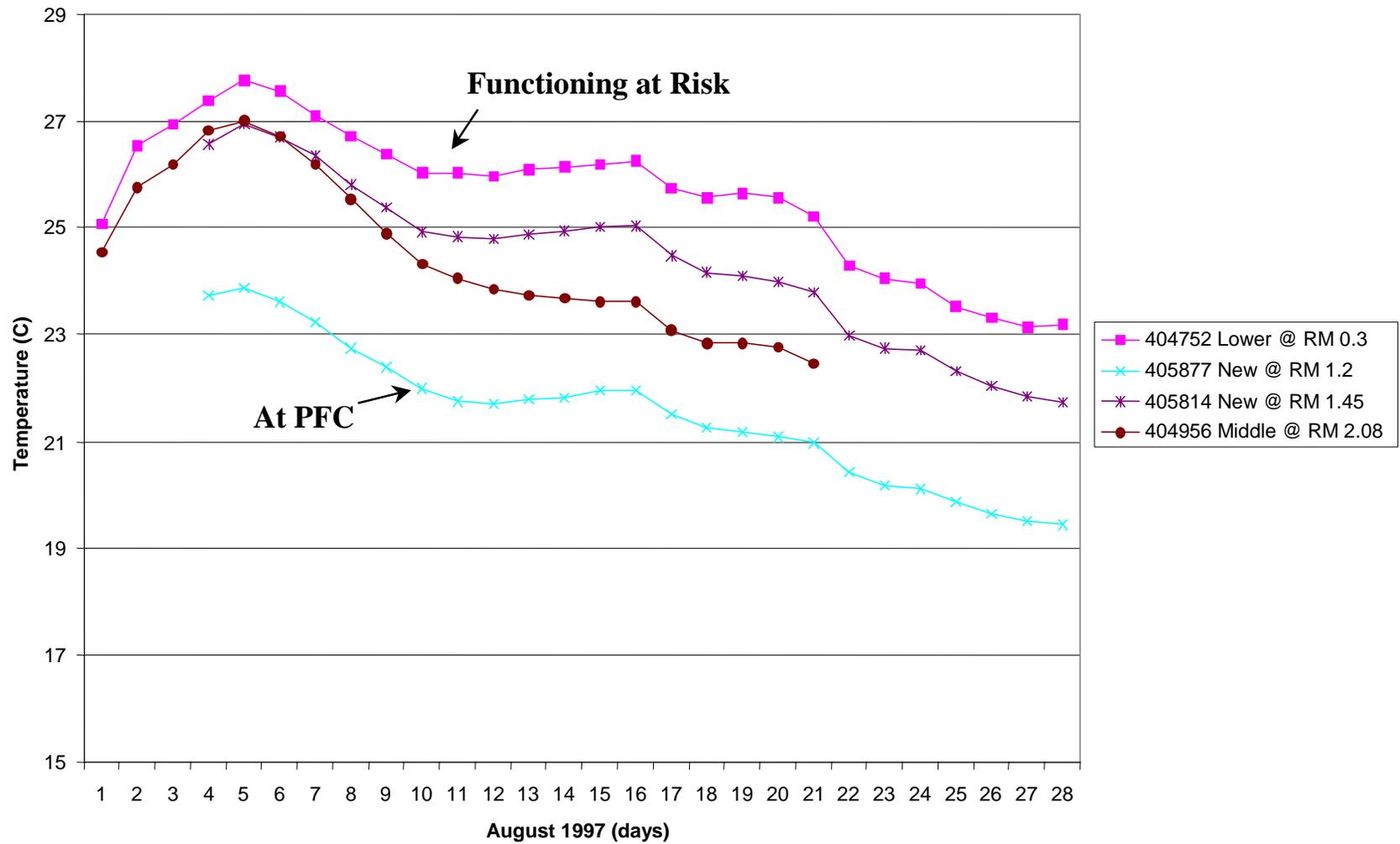
# Key Questions

- Do PFC assessments provide useful information about stream condition and management needs?
- Do PFC assessments accurately characterize water quality conditions and the health of aquatic life?
- Are both PFC assessments and stream health assessments (WQ, habitat, aquatic life) necessary to understand and manage streams properly?

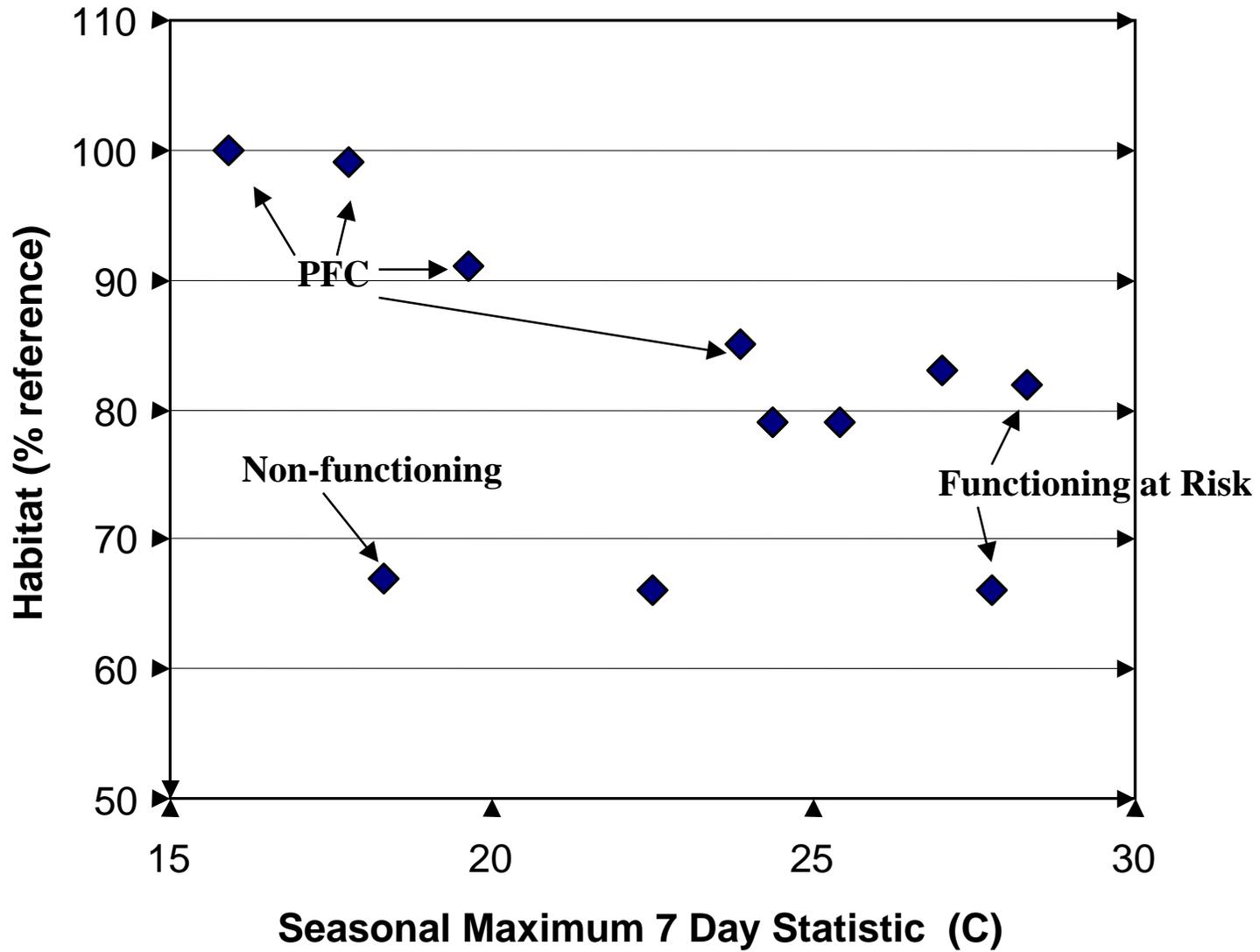
# McCoy Creek Longitudinal Temperature Profile August, 1997



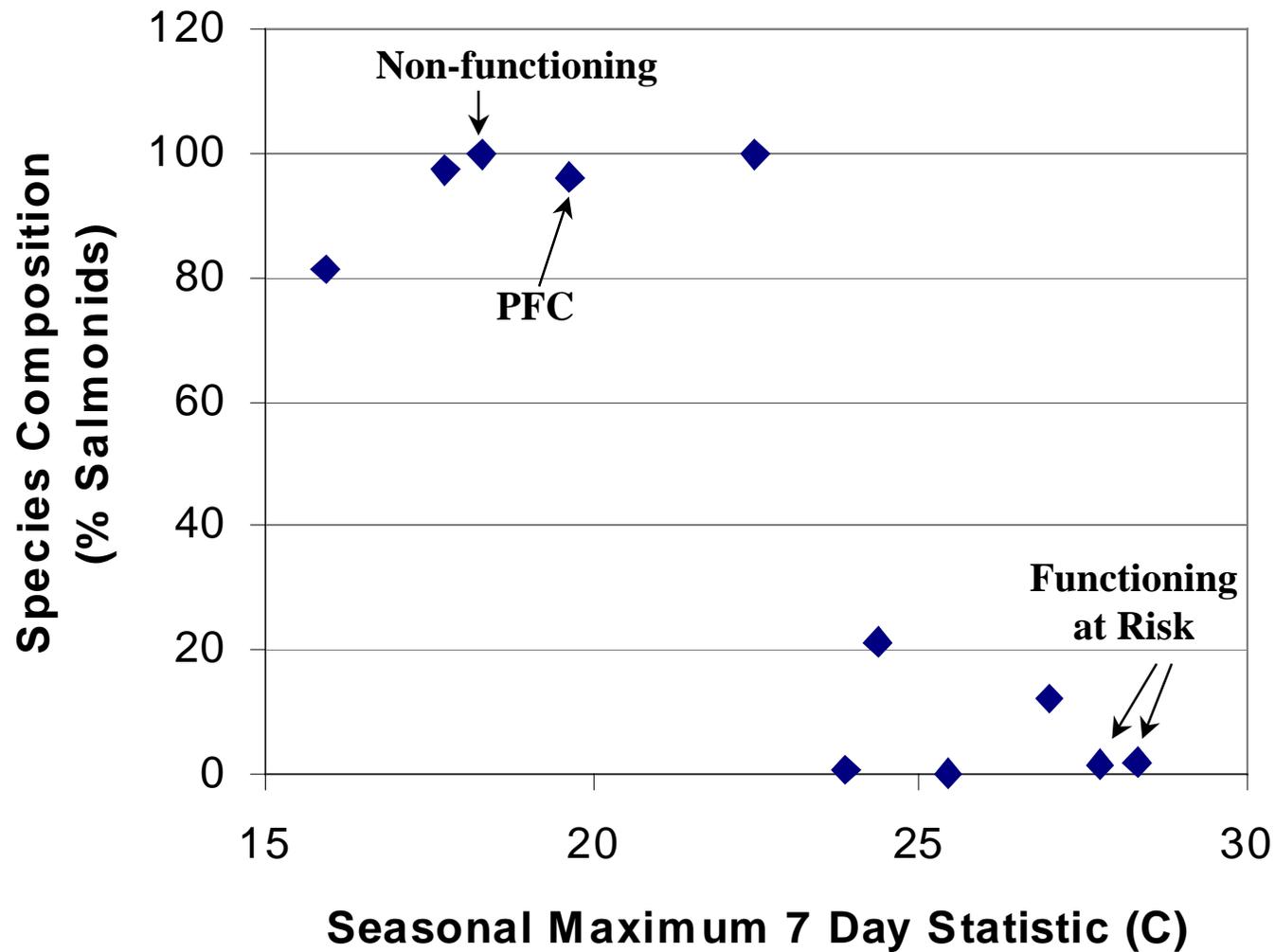
**Chart B:**  
**McCoy Creek Sites -7 Day Moving Average of Daily Maximum Water Temperature**



# Maximum Temperature vs. Habitat Condition NMP Sites - 1997

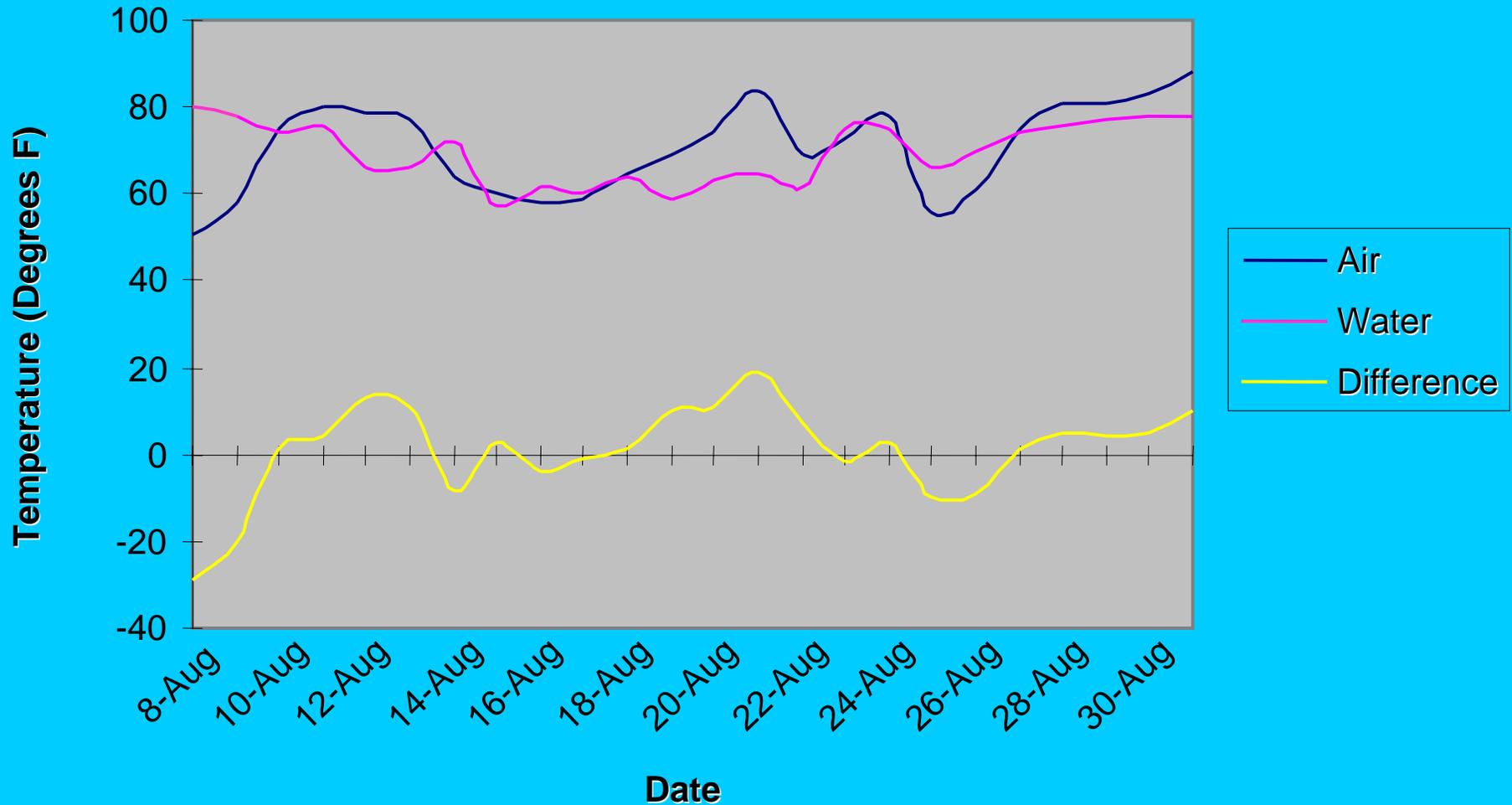


## Maximum Temperature vs.% Salmonids NMP Sites - 1997



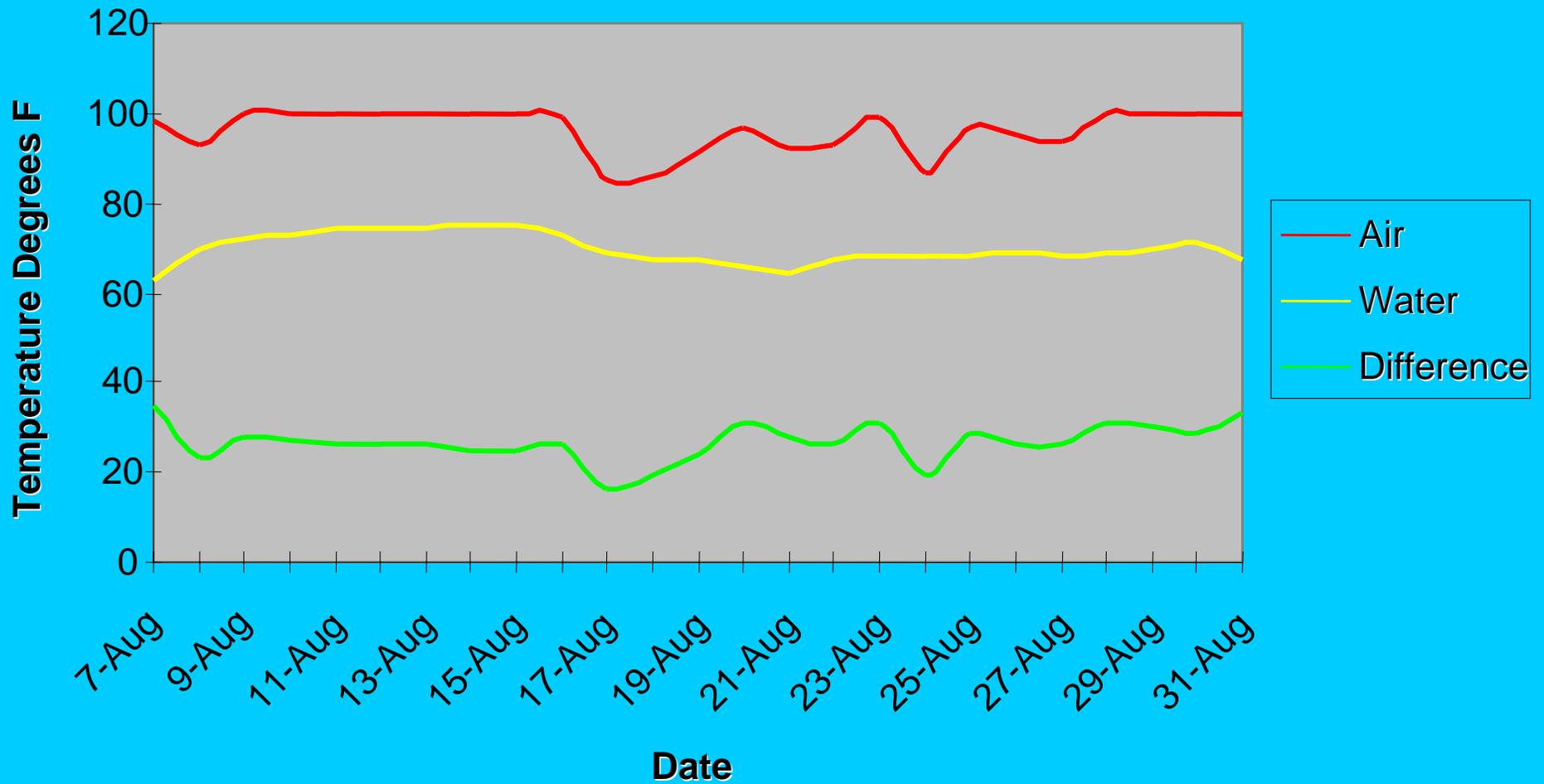
# Difference in Air & Water Temperatures

Bear Creek - Central Oregon  
1976



# Difference in Air & Water Temperatures

Bear Creek - Central Oregon  
1998



# Key Questions

- Do PFC assessments provide useful information about stream condition and management needs?

**YES**

- Do PFC assessments accurately characterize water quality conditions and the health of aquatic life?

**NO**

- Are both PFC assessments and stream health assessments (WQ, habitat, aquatic life) necessary to understand and manage streams properly?

**YES**

# INVENTORY ALL STREAMS UTILIZING PFC PROCESS

