Creeks and Communities

Bear Creek

A Continuing Strategy for Accelerating Cooperative Riparian Restoration and Management

Bear Creek May 1977

6 years

Bear Creek May 1983

9 years

Bear Creek Aug 1986

9.8 years

Bear Creek June 1987

10 years

Bear Creek Aug 1987

11 years

Bear Creek Oct 1988

16 years

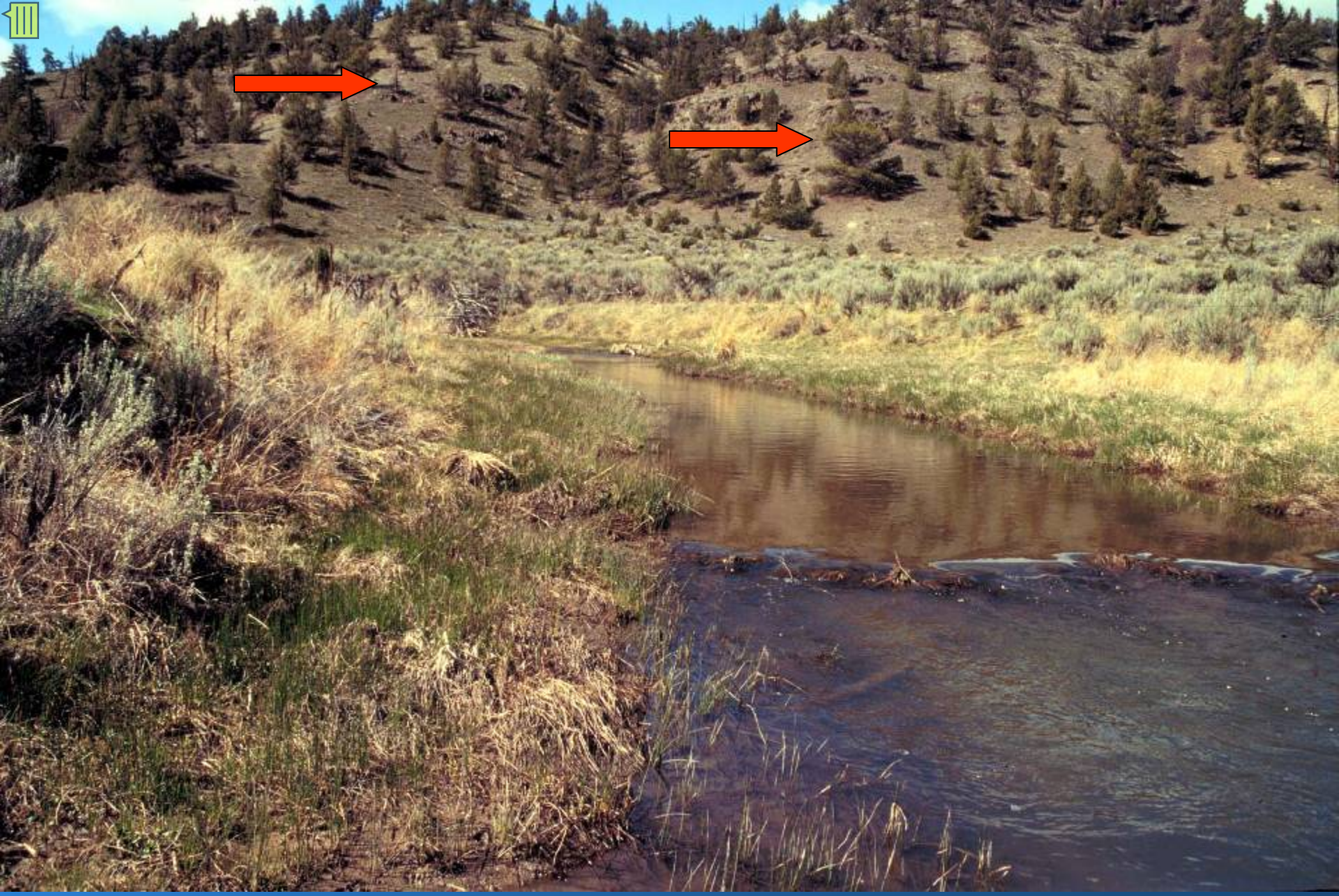
Bear Creek Aug 1993

18 years

Bear Creek Nov 1995

18.5 years

Bear Creek Feb 1996



18.7 years

Bear Creek April 1996

19 years

Bear Creek Oct 1996

20 years

Bear Creek Sept 1997

22.5 years Bear Creek Dec. 2000

24 years

Bear Creek July 2001

25 years Bear Creek July 2002

26 years

Bear Creek May 2003

27 years

Bear Creek March 2004

27 years

Bear Creek May 2004

27 years

Bear Creek May 2004

27 years

Bear Creek July 2004

27 years

Bear Creek July 2004

27.9 years

Bear Creek April 2005

27.9 years

Bear Creek April 2005

27.9 years

Bear Creek April 2005

29 years

Bear Creek August 2006

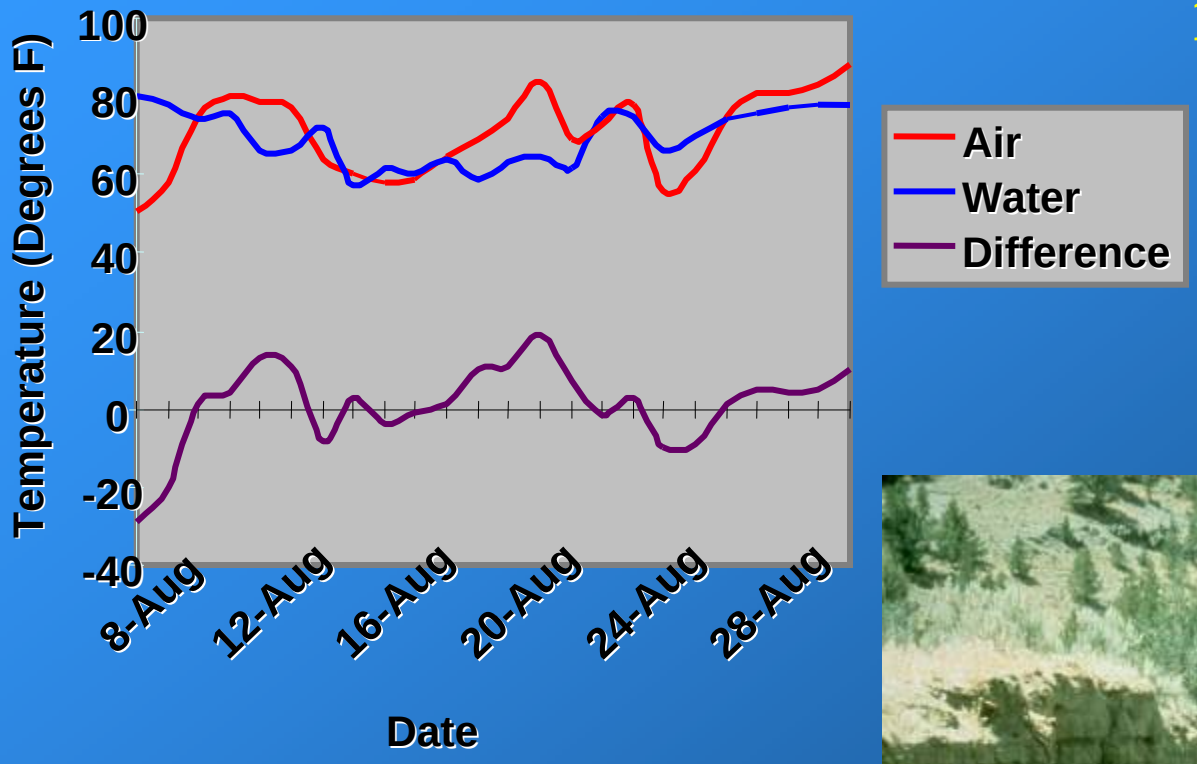
30 years Bear Creek May 2007

Bear Creek : Change In Channel Profile (1977 – 2002)

1977

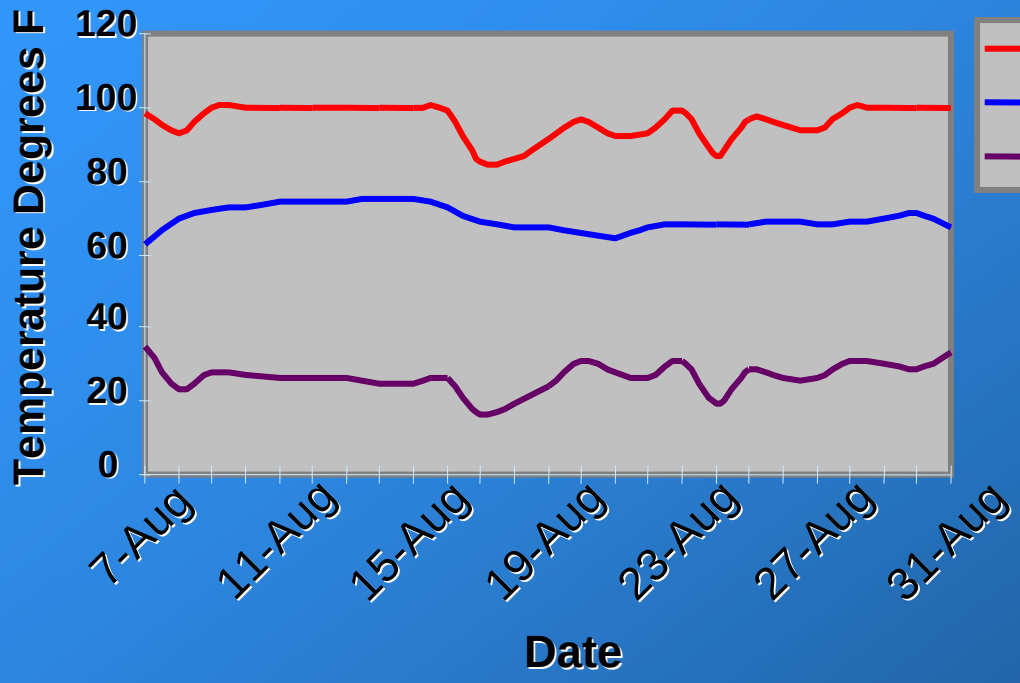
Difference in Air & Water Temperatures

Bear Creek - Central Oregon
1976



Difference in Air & Water Temperatures

Bear Creek - Central Oregon
1998

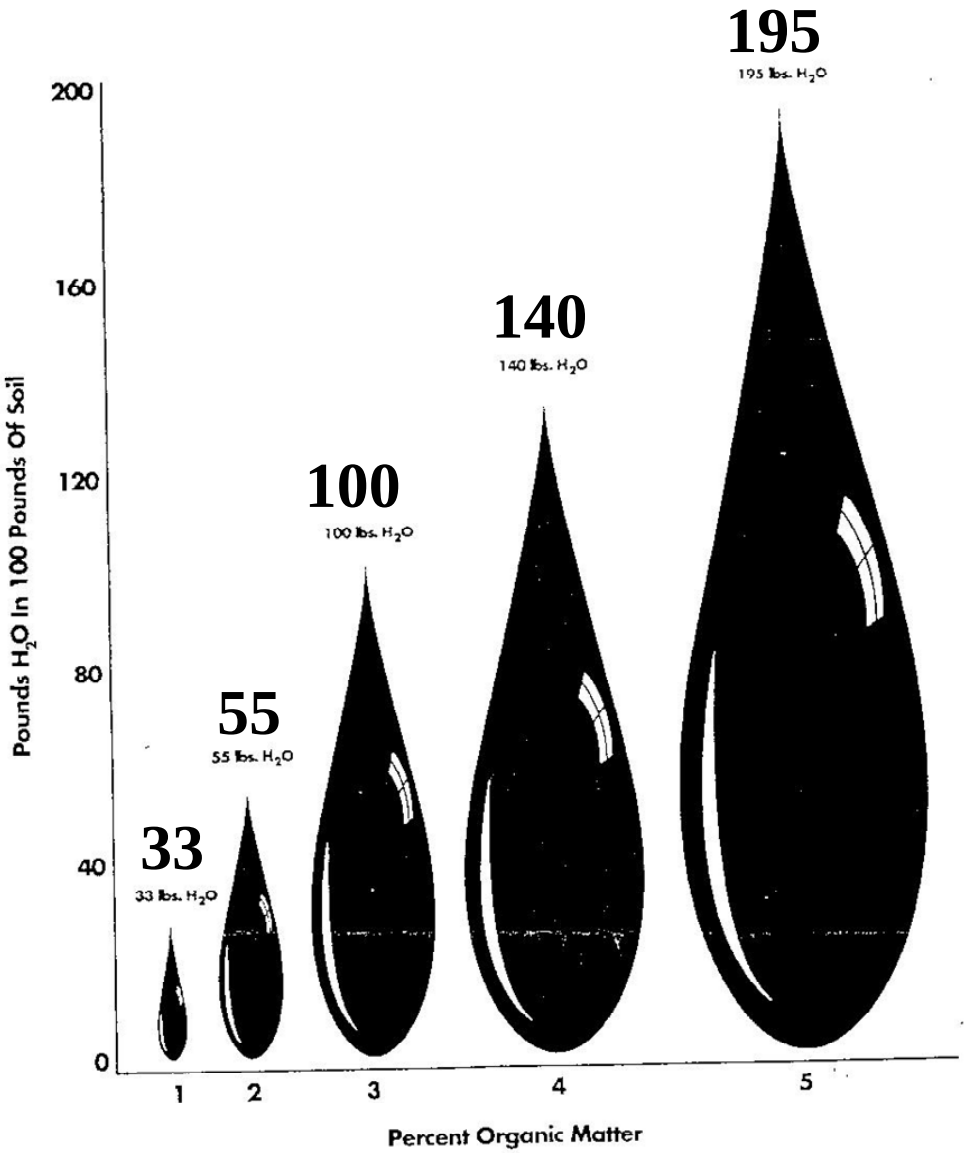


Bear Creek (3.5 Miles)

	1978	1994
Riparian Area	3.8 acres	12 acres
Bank Erosion	12,448 feet	799 feet
Water Storage	500,000 gal/mi	2,096,000 gal/mi
Production	200 lbs/acre	2000 lbs/acre

Data from C. Rasmussen (1996) and W. Elmore

Water Holding Capacity



May 1977

May 2007