



Spokane
ICCS

Southeast Team Estimated Water Erosion on Cultivated Cropland

		< 2 tons/acre /year	2.0 - 4.9 tons/acre /year	5.0 to 9.9 tons/acre /year	10.0 + tons/acre /year	Total
1982	Estimated	1,043,400	896,800	822,300	1,294,700	4,057,200
1982	Error *	72,300	67,500	65,500	65,300	142,500
1987	Estimated	801,900	902,700	641,500	1,460,000	3,806,100
1987	Error *	84,300	69,800	56,300	65,500	144,500
1992	Estimated	674,800	934,200	1,024,300	857,200	3,490,500
1992	Error *	66,800	79,800	84,100	60,200	145,800
1997	Estimated	698,800	926,300	1,093,700	676,100	3,394,900
1997	Error *	65,000	81,500	75,700	56,900	143,000

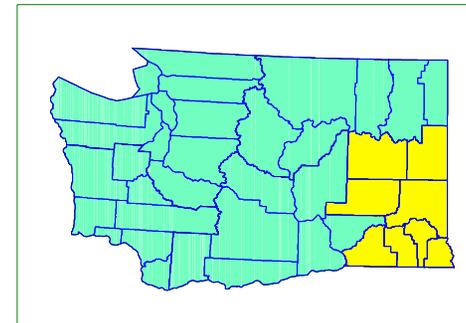
Estimates may not total because of rounding.

* The error referred to in the table is the standard error of the estimate.

(To obtain the margin of error at the 95% confidence limit multiply the error by 1.96.)

Geographic Area of the Southeast Team of Washington State:

Adams	Lincoln
Asotin	Spokane
Columbia	Walla Walla
Garfield	Whitman



The number of acres with the worst erosion has been reduced by over 200% in the 1987 to 1997 period. Farm operators have installed many conservation practices, modified planting operations and increased their use of crop residues. These efforts have reduced erosion and increased water infiltration. The savings in erosion amounts are about 4,000,000 tons per year.