

SURFACE WATER DELIVERIES

Surface water is an important component to aquifer recharge in the Butte Basin. During the 2003 water year nearly a million acre feet of water was delivered to Western Canal Water District and the Joint Water District Board. The 2003 water deliveries were nearly 100,000 acre-feet higher than was delivered in 2002, and nearly 500,000 acre-feet higher than what was delivered in 1991. This increased water use since 1991 is primarily the result of late season water needs for rice straw decomposition and the environment. Summarized below are the deliveries to Western Canal Water District and the Joint Water District Board for the years 1991 to 2003 in acre feet.

| <u>Water Year</u> | <u>Western Canal Water District</u> | <u>Joint Water District Board</u> | <u>Total</u> |
|-------------------|---|---------------------------------------|--------------|
| 1991 | 185,147 | 344,768 | 529,915 |
| 1992 | 198,595 | 349,036 | 547,631 |
| 1993 | 214,534 | 515,292 | 729,827 |
| 1994 | 224,754 | 586,622 | 811,377 |
| 1995 | 210,117 | 568,481 | 778,598 |
| 1996 | 257,183 | 615,004 | 872,187 |
| 1997 | 275,675 | 658,540 | 934,214 |
| 1998 | 229,521 | 590,727 | 820,248 |
| 1999 | 293,402 | 690,847 | 984,248 |
| 2000 | 325,374 | 707,018 | 1,032,392 |
| 2001 | 303,074 | 718,489 | 1,021,562 |
| 2002 | 299,206 | 597,529 | 896,735 |
| 2003 | 282,251 | 682,403 | 964,654 |