

gallons per day of desalted water use in the year 2020, approximately one-third of the desalted water will be used consumptively while the balance provides the extra water required so that the salts added on account of the consumptive use will not force rivers and streams to go beyond tolerable limits of salinity. It should be noted that in the year 2020 the model indicates that approximately 25 percent of the desalting capacity will be used in agriculture and that more than half of the agriculture related use will be in California.

Conventional water sources, however, will continue to supply most of the total water requirements of this country. That part of the total demand that will be met by desalting will represent about 2 percent of the augmented supply and will be spread widely throughout the United States, although the spread will be quite uneven. For instance, it is expected that 20 percent of the total water supply of the Pacific Southwest may be from desalted sources by the year 2020. This is on the assumption that interbasin transfers, where appropriate, are permitted. If major interbasin transfers are not authorized as part of water resources planning, then desalting becomes much more competitive and the need for it increases manyfold.