

APPENDIX A: PLANNING AREA VOLUME CONTENT

APPENDIX A Planning Area Volume Content

The standard basin and AMA maps, figures and tables found in Volumes 2-8 are listed below. Additional maps, figures and tables may be found for some basins such as sub-basin maps and surface water hydrographs.

Basin and AMA Maps and Figures

1. Geographic Features
 - Topographic map with principal places
2. Land Ownership
 - Landownership categories $\geq 0.1\%$
3. Precipitation and Meteorological Stations
 - Location of NOAA, NWS, AZMET, Pan ET, SNOTEL and Snowcourse stations keyed to climatic data table
4. Surface Water Conditions
 - Major rivers and streams, unit runoff contours, location of flood warning gages, USGS stream gages, reservoirs ≥ 500 acre-feet keyed to stream gage, flood gage and large reservoir tables
5. Perennial/intermittent Streams and Major (>10 gpm) Springs
 - Location of perennial and intermittent streams and location of major springs keyed to major springs table
6. Groundwater Level Conditions
 - Current depth to water, groundwater level changes over an approximately ten-year period in selected wells, general groundwater flow direction, keyed to selected basin hydrographs
7. Selected Basin Hydrographs
8. Well Yields
 - Well yields measured by USGS and the Department and reported for >10 inch diameter wells, shown by different yield increments
9. Recharge Sites (Active Management Areas, Volume 8)
 - Location of underground storage facilities and groundwater savings facilities
10. Water Quality Conditions
 - Location of wells, springs and mine sites with drinking water exceedences, impaired lakes and stream reaches, and effluent dependent reaches, keyed to water quality exceedences table
11. Contamination Sites (Active Management Areas, Volume 8; this is a planning area map in Volumes 2-7)
 - Location of DOD, LUST, RCRA, Superfund, UMTRA, VRP, and WQARF sites
12. Cultural Water Demand
 - Location of active agricultural lands, power plants, large mines, small mines/quarries and high density and low density municipal and industrial demand centers.
13. Water Adequacy and Assured Water Supply Determinations
 - Outside AMAs, location of water adequacy reports and inadequacy determinations, analysis of water adequacy determinations and water providers designated as having an adequate water supply keyed to table. Inside AMAs, location of pre-Code water adequacy reports and inadequacy determinations, certificates of assured water supply, analysis of assured water supply determinations and water providers designated as having an assured water supply keyed to table.

Basin and AMA Tables

1. Climate Data
 - NOAA and NWS stations: name, period of record, elevation, minimum and maximum average temperature, average seasonal and average annual rainfall
 - Pan Evaporation stations: name, period of record, elevation, average annual evaporation
 - AZMET stations: name, period of record, elevation, average annual reference ET
 - SNOTEL/Snowcourse stations: name, period of record, elevation, monthly snow water equivalent
2. Streamflow Data
 - gage name, drainage area, period of record, total years of record, mean basin elevation, average seasonal flow, minimum, median, mean and maximum annual flow
3. Flood ALERT Equipment
 - Flood/ALERT gages: name, identification number, station type, installation date, operator
4. Reservoirs and Stockponds
 - Large reservoirs (>500 acre-feet or 50 acres or greater surface area): name of lake/reservoir and dam, owner/operator, maximum storage/surface acres, purpose/use, jurisdiction
 - Small reservoirs, (15 to 500 acre-feet or 5 to <50 acre surface area): total number and maximum storage/surface acres
 - Stockponds (up to 15 acre-feet capacity): total number
5. Springs
 - Major springs (10 gpm or greater): name, location, discharge rate, measurement date
 - Minor springs (1 to 10 gpm discharge): name, location, discharge rate, measurement date
 - Total number of springs in the basin
6. Groundwater Data
 - basin area in square miles
 - major aquifer(s)
 - well yields; range and median yields
 - estimated natural recharge
 - groundwater in storage
 - number of index wells, date of last well sweep
7. Recharge Sites (Active Management Areas, Volume 8)
 - Facility name, number, permittee name, facility type, permitted acre-feet/year, water source
8. Water Quality Exceedences
 - Wells, springs and mines: site type, location, water quality standard, parameter(s) exceeded
 - Lakes and streams: site type, name, length of impaired stream reach/area of impaired lake, water quality standard, parameter(s) exceeded
9. Contamination Sites
 - Contamination site name and media affected and contaminant
10. Effluent Generation
 - facility name/ownership, city/location served, volume treated, disposal method, treatment level, population served/not served, year of record
11. Cultural Water Demand
 - historic, current and projected population
 - historic and current number of wells < 35gpm and >35gpm
 - historic and current agricultural, municipal and industrial surface water diversions (or non-groundwater supply) and groundwater pumpage
12. Assured (AMA) and Adequate (outside AMA) Water Supply Determinations
 - For AMAs: Certificates of Assured Water Supply (AWS), water adequacy reports (pre-1980), and Analyses of AWS including name, county, location, number of lots, ADWR file number, date of determination, water provider.

- For AMAs: Designation of AWS including name, ADWR file number, date issued, projected or annual estimated demand and year of projected or annual demand
- Outside AMAs: Water Adequacy Reports including name, county, location, number of lots, ADWR file number, date of determination, water provider, adequacy determination and the reason for the inadequacy determination.
- Outside AMAs: Analyses of Adequate Water Supply including name, county, location, number of lots, ADWR file number, date of determination, water provider.
- Outside AMAs: Designation of Water Adequacy including name, ADWR file number, date issued, projected or annual estimated demand and year of projected or annual demand