

# CASGEM BASIN SUMMARY

Basin: MEADOW VALLEY

Sub\_Basin: N/A

Hydrologic Region: Sacramento River

Basin Number: 5-95

North Region Office (NRO)

Date: 5/30/2014

Basin Area: 5734 acres (9 miles)

2010 Population: 387

DATA COMPONENT RANKING VALUE TABLE

| Data Component                     | Ranking Range (x)               | Units               | Ranking Value  | Confidence Adjustment | Average of Components | Adjusted Ranking Values |
|------------------------------------|---------------------------------|---------------------|----------------|-----------------------|-----------------------|-------------------------|
| 1. Population                      | $7 \leq x < 250$                | persons/sq-mi       | 1              |                       |                       | 1                       |
| 2. Population Growth               | $x < 0$                         | percent             | 0              |                       |                       | 0                       |
| 3. Public Supply Wells             | $0.1 \leq x < 0.25$             | wells/sq-mi         | 2              |                       |                       | 2                       |
| 4. Total Wells                     | $10 \leq x < 20$                | wells/sq-mi         | 4              | 3                     |                       | 3                       |
| 5. Irrigated Acreage               | $25 \leq x < 100$               | acres/sq-mi         | 2              |                       |                       | 2                       |
| 6. GW Reliance                     | GW Use                          | $0.03 \leq x < 0.1$ | acre-foot/acre | 1                     | 0                     | 0                       |
|                                    | % of Total Supply               | $0.1 \leq x < 20$   | percent        | 1                     |                       |                         |
| 7. Impacts*                        | --                              | --                  | 0              |                       |                       | 0                       |
| 8. Other Information**             | --                              | --                  | 0              |                       |                       | 0                       |
| <b>Overall Basin Ranking Score</b> | <b><math>x &lt; 5.75</math></b> | --                  |                |                       |                       | <b>0.0</b>              |

## Overall Basin Priority: Very Low

| Very Low Ranking Range | Low Ranking Range                | Medium Ranking Range              | High Ranking Range |
|------------------------|----------------------------------|-----------------------------------|--------------------|
| Range < 5.75           | $5.75 \geq \text{Range} < 13.42$ | $13.43 \geq \text{Range} < 21.08$ | Range $\geq 21.08$ |

### Data Sources and Calculation Notes:

1. Population: Department of Finance 2010 census data.
2. Population Growth: Department of Finance 2010 census data projected to 2030.
3. Public Supply Wells: Department of Public Health, 2012 Drinking Water Supply Database.
4. Total Wells: DWR 2012 Well Master database.
5. Irrigated Acreage: DWR, most recent land use projection and public comment feedback.
6. Groundwater Reliance: DWR, most recent land use projection and public comment feedback.
7. Documented Impacts: DWR Region staff review of DWR Bulletin 118-2003, Groundwater Management Plans, public comment feedback, or other readily available published information.
8. Other Information: DWR Region staff review of DWR Bulletin 118-2003, Groundwater Management Plans, public comment feedback, or other readily available published information.
9. Data component values were reduced by 25% due to data confidence, prior to calculating total groundwater basin ranking value.
10. Overall Basin Ranking = Population + Population Growth + Public Supply Wells + (Total Wells x .75) + Irrigated Acreage + (Groundwater Use + % of Total Supply)/2 + Impacts + Other information

### Notes on MEADOW VALLEY Basin

\* Impacts: No impacts identified.

\*\*Other Information: None