CASGEM BASIN SUMMARY

Basin: UKIAH VALLEY
Sub_Basin: N/A
Basin Number: 1-52
Date: 5/30/2014

Hydrologic Region: North Coast
North Central Region Office (NCRO)
Basin Area: 37508 acres (58.6 miles)
2010 Population: 32761

DATA COMPONENT RANKING VALUE TABLE

Data Component		Ranking Range (x)	Units	Ranking Value	Confidence Adjustment	Average of Components	Adjusted Ranking Values
1. Population		250 ≤ x < 1000	persons/sq-mi	2			2
2. Population Growth		0 ≤ x < 6	percent	1			1
3. Public Supply Wells		0.25 ≤ x < 0.5	wells/sq-mi	3			3
4. Total Wells		x ≥ 20	wells/sq-mi	5	3.75		3.75
5. Irrigated Acreage		100 ≤ x < 200	acres/sq-mi	3			3
6. GW Reliance	GW Use	0.1 ≤ x < 0.25	acre-foot/acre	2		2	2
	% of Total Supply	20 ≤ x < 40	percent	2			
7. Impacts*		--	--	0			0
8. Other Information**		--	--	1			1
Overall Basin Ranking Score		**13.42 ≤ x <**	**--**				**15.8**

Overall Basin Priority: Medium

Very Low Ranking Range	Low Ranking Range	Medium Ranking Range	High Ranking Range
Range < 5.75	5.75 ≥ Range < 13.42	13.43 ≥ Range < 21.08	Range ≥ 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 UKIAH VALLEY Basin

* Impacts: No impacts identified.

**Other Information: 2010 Ukiah Valley Water Supply Assessment expresses concerns regarding SWRCB assertion that all or most of the "groundwater" in the basin is, for legal purposes, underflow from the Russian River and associated tributaries…which support endangered fishery.