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Preliminary List of Data Needed Yakima Basin Water Needs Assessment		
Item	Information Source	Expected Availability
I. Irrigated Agriculture		
Irrigated acreage by major crop category	USDA	M
Irrigation requirement by major crop category, by county, by month	WSDA	H
Irrigation efficiency estimates	TBD	M
Conveyance efficiency estimates	TBD	M
Irrigated acreage, Reclamation Districts	Reclamation	H
Total acreage, Reclamation Districts	Reclamation	H
Diversion quantities, Reclamation Districts	Reclamation	H
Irrigated acreage outside Reclamation Districts	NLCD	H
Benton County Irrigated acreage outside Yakima Basin	NLCD	M
Crop acreage at risk of urban development	Counties	M
Demand reduction potential – conveyance systems	Reclamation	M
Demand reduction potential – onfarm	TBD	M
II. Municipal Water Systems (potable supplies) (need data for 5-10 years)		
Total water produced (monthly)	Individual Water Systems	M/L
System losses (leakage etc.)	Individual Water Systems	M/L
Number of customer connections, by category	Individual Water Systems	M/L
Breakdown of water delivered, by customer category	Individual Water Systems	M/L
Population, households and employment in water system service areas (if known)	Water Systems/local gov't	L
Persons per household	Counties/WSOFM	
Conservation actions implemented previously	Individual Water Systems	M/L
Conservation actions planned	Water Systems/WSDOH	M
Water rate structure	Individual Water Systems	L
Median household income (County level)	WSOFM	H
Expected future growth in population, households and employment	Counties/Cities/WSOFM	M

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III. Urban Irrigation (non-potable ditch systems) (need data for 5 – 10 years)		
Total consumptive use, by community	TBD	L
IV. Domestic Wells (need data for 5 – 10 years)		
Number of households outside municipal systems	Counties/cities	M
Water use per household	Estimate	L
Expected future growth in households	Counties/WSOFM	M
V. Large Industrial Users (self-supplied)		
Quantity of water usage	Individual facility or company	L
Planned increases/reduction in usage	Individual facility or company	L
VI. Climate/Weather		
Average daily high temperature, by month, by county (lowland weather station)	NOAA – Weather Service	H
Monthly precipitation, by county (lowland)	NOAA – Weather Service	H
Forecasted change in temp. and precip.	UW - CIG	H

Availability:

H = High; M = Medium; L = Low; M/L = medium from some communities, and low from others.