

Washington Livestock Water-Use

Chris Cheney

Dairy

• 204,000 milking @ 60gpd	13,675 ac. ft/yr
• 40,000 dry @ 11gpd	492 ac. ft/yr
• 59,000 heifers @ 11gpd	725 ac. ft/yr
• 34,000 calves @ 4gpd	152 ac. ft/yr
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TOTAL DAIRY USE	15,044 ac. ft/yr

* We have several actual meter numbers for dairies. Variations are due to temperature, milk output and breed. The meter numbers include ancillary uses.

Beef

- 274,001 Cows @ 12gpd 3,673 ac.ft/yr
- 163,683 on feed (av. 900lbs) @ 10gpd 1,829 ac.ft/yr
- 320,578 other @ 7gpd 2,507 ac.ft/yr

TOTAL BEEF USE

8,009 ac. ft/yr

***Total Dairy and Beef**

23,053 ac. ft/yr

Total Cattle in Washington

• Beef Cows	274,001
• Cattle on feed	163,683
• Dairy total	330,584
• Other*	320,578
• *beef heifers, yearlings, bulls, calves	

Total cattle and calves	1,088,846
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Other Livestock

(No data available for: Bison, turkeys, mules, donkeys, deer, elk, goats, alpacas, llamas, mink, rabbits)

- HOGS 28,530 TOTAL @ 4gpd 127ac.ft/yr
- SHEEP 53,220 TOTAL @ 2gpd 119 ac.ft/yr
- HORSES 89,739 TOTAL @ 9gpd 902 ac.ft/yr
- POULTRY
 - Fryers 24,846,516 @ 2.1 gal per 159 ac/ft yr
 - Layers 5,983,000 @ .045 gpd 301 ac/ft yr

*Actual meter data was used for poultry. The meter numbers came in below the published theoretical numbers by about 12%.

Total Livestock Water-Use

- 24,661 ac. ft/yr.
- The above numbers were rounded up. There is variation due to temperature, average temperatures were used.
- When a range of numbers was available, we used the average.
- ONLY PART OF THAT WATER IS FROM “EXEMPT WELLS”.
 - Dairy Surveys indicate about 70% are on exempt wells. Most cattle in the state rely on “surface water”.
- Most egg producers do not rely on exempt wells.
- PUDs, Irrigation districts and municipals supply stockwater to many operations.