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

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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
Other Livestock

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

- HOGS  28,530 TOTAL @ 4gpd  
  127 ac. 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.