

Limit and Allocation – What They Mean

Limit

- The **Limit** is the **maximum amount of water** the canal system can physically deliver **each day**.
- Due to **canal losses and infrastructure restrictions**, water delivery is limited to **1 cubic foot per second (cfs) per 100 acres** of irrigated land.
- This is the **daily delivery rate** you are allowed to draw from the canal based on your acreage.

Allocation

- An **Allocation Year** is declared by the **Bureau of Reclamation (BOR)** when the total irrigation supply for the region drops **below 1.1 million acre-feet**.
- When this happens, the BOR distributes the available water among irrigation districts **based on ownership percentage**.
- Weekly usage and remaining balances are tracked by the BOR and reported to each district.

How GID Calculates Your Allocation:

1. **Total Water Supply for GID** = 128,356 acre-feet
2. **Canal Efficiency (60%)** = $128,356 \times 0.60 = 77,013$ acre-feet usable
3. **GID Total Irrigated Acres** = 52,484 acres
4. **Allocation per Acre** = $77,013 \div 52,484 = 1.47$ acre-feet per acre

Example: How Many Days of Water Do I Have?

Let's say you have **100 irrigated acres**:

1. **Daily Limit:**
 - You can run **1 cfs daily**
2. **Total Water Based on Allocation:**
 - $100 \text{ acres} \times 1.47 \text{ AF} = 147$ acre-feet total for the season
3. **Convert Daily Use to Acre-Feet:**
 - $1 \text{ cfs} \times 1.98 = 1.98$ acre-feet per day
4. **Number of Days You Can Run:**
 - $147 \text{ AF} \div 1.98 \text{ AF/day} = 74.24$ days of water