

Arizona Game and Fish Department

Drought Interagency Coordinating Group

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November 10, 2020



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Areas of Drought Impact

- Water Hauling
- Springsnail Population Losses
- Flagstaff Wetlands
- Low Water in Smaller Reservoirs



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Areas of Drought Impact

Water Hauling

- Kingman Region -
- Flagstaff Region – 12k gals on N Kaibab
- Tucson Region – since 7/1 31,325 gal to 55 water catchments
- Mesa Region – 15,000 gal

Ongoing drought requiring re-design of water catchments to hold water for longer periods of time



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Areas of Drought Impact

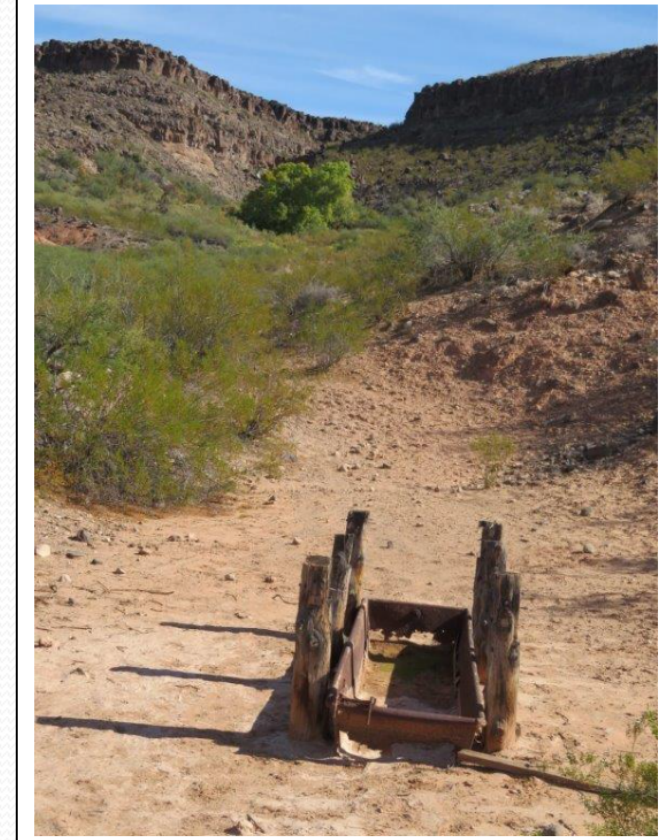
Grand Wash Springsnail - Population Losses Whiskey and Grapevine Springs

- Both springs feed troughs that have dried

Figure 3- Grapevine Spring Trough (LVT-324)



Figure 3- Whiskey Spring Trough



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Areas of Drought Impact

Flagstaff Region

- Small and medium sized wetlands in the Flagstaff Region are dry. Lack of water will prompt waterfowl to pass by the area and duck hunting opportunities will be reduced.
- Arizona Strip- North of the Grand Canyon, Mangum fire destroyed 13 water catchments. AGDF is working with partners to rebuild them. Also hauled 12,000 gallons on the North Kaibab, to date.

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Areas of Impact

Low Water in Irrigation Reservoirs

- Luna Lake- Department invested \$180,000 on an aeration system to address low dissolved oxygen, exacerbated by decreased water inflow and increased nutrient loading



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Areas of Impact

Low Water in Irrigation Reservoirs

Lack of precipitation resulted in low water levels at some high mountain lakes resulting in poor water quality (high pH) and an inability to stock trout for recreational fishing:

- Nelson Lake
- Luna Lake Fall stocking
- Carnero Lake (small fish kill)
- Crescent Lake
- River, Tunnel and Bunch Reservoirs near Greer
- Hulsey Lake
- Big Lake