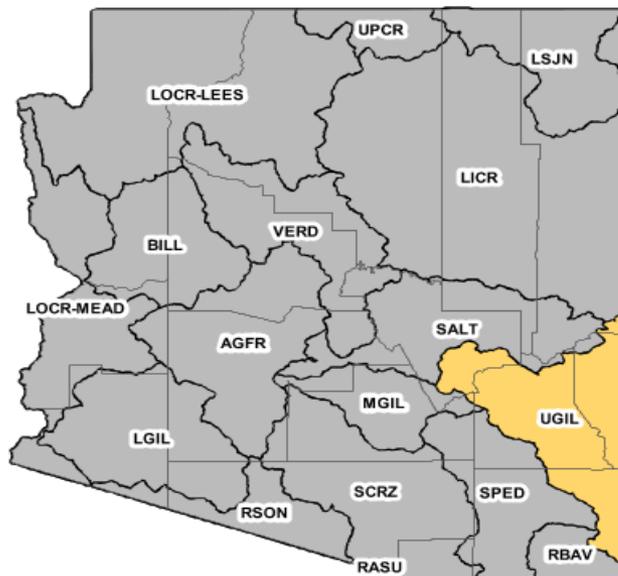


# **Arizona DroughtWatch**

## **Drought Impact Monitoring System**



## Drought Impacts: Jul-Aug/2011



## Summary Reports

[County and watershed summary tables](#)

[Detailed impact reports](#)

### Impacts Reported

- in 0 of 6 categories
- in 1 of 6 categories
- in 2 of 6 categories
- in 3 of 6 categories
- in 4 of 6 categories
- in 5 of 6 categories
- in 6 of 6 categories
- No reports made

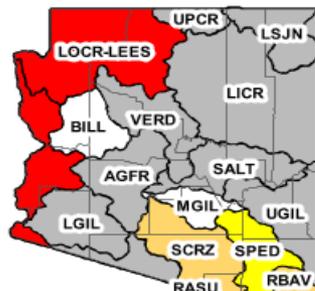
### Categories

- Water
- Agriculture
- Livestock
- Society
- Tourism
- Ecology

### Watershed Abbreviations

AGFR	Agua Fria River-Lower Gila River
BILL	Bill Williams River
LGIL	Lower Gila River below Painted Rock Dam
LICR	Little Colorado River
LOCR-LEES	Lower Colorado River, Lees Ferry to Lake Mead
LOCR-MEAD	Lower Colorado River below Lake Mead
LSJN	Lower San Juan River
MGIL	Middle Gila River (Local Drainage)
RASU	Rio Asuncion
RBAV	Rio Bavispe
RSOY	Rio Sonoyta
SALT	Salt River
SCRZ	Santa Cruz River
SPED	San Pedro River
UGIL	Upper Gila River
UPCR	Upper Colorado River of Lake Powell Area
USJN	Upper San Juan River
VERD	Verde River

## May-Jun/2011:



## About AZ DroughtWatch

AZ DroughtWatch is a tool designed to collect qualitative reports of drought impacts across Arizona. This impact information is used in conjunction with meteorological and hydrological data to characterize drought conditions.

[Access recent drought status reports compiled by the Governor's Drought Task Force Monitoring Technical Committee](#)

[Find out more about AZ DroughtWatch](#)

[What's new at AZ DroughtWatch](#)

## Arizona Drought Links

[AZ Dept. of Water Resources - Drought Program](#)

[Rainlog Precipitation Monitoring Network](#)

[U of A Climate Science Applications Program](#)

[Climate Assessment for the Southwest](#)

[AZ State Climate Office](#)

[Arizona Climate Maps - Western Regional Climate Center](#)

[National Integrated Drought Information System](#)

[Western U.S. Weather and Climate - National Weather Service](#)

# Add Impact Reports

## Water Resources and Hydrology

## Agricultural Impacts (food crops, cash crops, and aquaculture)

## Livestock Production and Grazing Land Impacts

### SOIL IMPACTS

### FORAGE/VEGETATION IMPACTS

- C3 Unusually low range productivity (e.g. forage amounts per acre)

**Please provide more information about this drought impact**

Provide details about the impact:

Upload an image:



How is this impact different this month than last month?

If applicable, provide a monetary cost of this impact (\$):

- C4 Unusually low plant diversity
- C5 Poor forage nutritional quality/increased toxicity of forage
- C6 Unusual levels of forage herbivory by drought-stressed wildlife (e.g. Competition with deer and elk on grazing lands)
- C7 Unusual levels of insect forage herbivory related to drought (e.g. grasshopper infestations)
- C8 Loss of rangeland forage to drought-related wildfires
- Add an impact for this category not listed above:

### LIVESTOCK HEALTH

### RANGELAND WATER RESOURCES

# Detailed Summary Report

## Reports for the month of January, 2011

Huc 6: Rio Bavispe

Huc 8: San Bernardino Valley

Huc 10: Upper San Bernardino Valley



### Individual Watershed Report

Observer Type: Resource Manager/Field Technician

Observation Frequency: 1 day

Geographic extent of impacts: local watershed (HUC10)

#### Surface Water Impacts

Unusually low water levels in reservoirs, lakes, and ponds	<i>Ponds are low or dry.</i>	(Falling)
Unusually low flows in streams, rivers, and springs	<i>Normally flowing portions of streams are dry.</i>	(Falling)
Poor water quality due to low levels/low flows	<i>Water remaining in ponds is full of suspended sediments.</i>	(Dropping)

#### Forage/Vegetation Impacts

Unusually low range productivity (e.g. forage amounts per acre)	<i>No production of forbs.</i>	(Declining)
Unusually low plant diversity	<i>Forb component is missing from plant community.</i>	(Worsening)
Poor forage nutritional quality/increased toxicity of forage	<i>Lack of protein on the rangeland.</i>	(Worsening)

#### Rangeland Water Resources

Unusually low water levels in stock ponds/tanks	<i>Many ponds are dry or very low.</i>	(Falling)
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# Future Steps for Better Drought Impact Monitoring in Arizona

- ▣ Partnerships forged with National Drought Mitigation Center and National Integrated Drought Information System (National Drought Monitor, National Drought Impacts Reporter and Drought.gov portal)
- ▣ Continue to recruit and train new DroughtWatch observers and work with LDIGs across the state
- ▣ Continuing efforts in working with NRCS and NRCDs on customized reporting and data summary interface for DroughtWatch
- ▣ Continue to promote better coordination and communication between local stakeholders and state/federal drought monitoring efforts

# CoCoRaHS – Volunteer Observing Network



COMMUNITY COLLABORATIVE RAIN, HAIL & SNOW NETWORK  
"Because every drop counts"



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- [Volunteer Coordinators](#)
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## Drought Impact Reports

### DROUGHT IMPACTS REPORTING RESOURCE PAGE

Has your community been

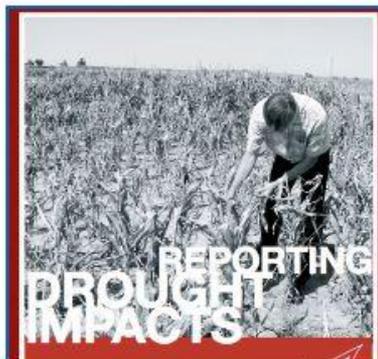
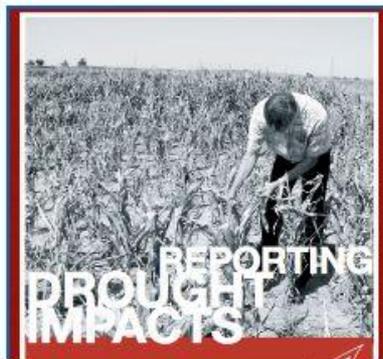
# IMPACTED BY DROUGHT?

Tell us by submitting a "CoCoRaHS Drought Impact Report"

*Please take a moment to view the "Drought Impacts Reporting Guide" below and then go ahead and submit an "Impact Report" on-line.*

### DROUGHT IMPACT REPORTING GUIDE

View our short guide on Reporting Drought Impacts by clicking on the icon below:



# CoCoRaHS – Drought Impact Reporting Form

**Enter My New Reports**

- [Daily Precipitation](#)
- [Hail](#)
- [Significant Weather](#)
- [Multi-Day Accumulation](#)
- [Monthly Zeros](#)
- [Drought Impact Report](#)
- [Evapotranspiration](#)

**List/Edit My Reports**

- [Daily Precipitation](#)
- [Hail](#)
- [Significant Weather](#)
- [Multi-Day Accumulation](#)
- [Drought Impact Report](#)
- [Evapotranspiration](#)

**Drought Impact Report Form** Submit Data Reset

**Station Number :** AZ-MR-326

**Station Name :** Phoenix 6.3 SSW

The significance of drought is tied directly to the impacts that it causes. Identifying and documenting impacts as they first appear and as they continue is essential for comprehensive drought monitoring. Please refer to the [CoCoRaHS training slide show](#) for reporting drought impacts.

*\* indicates required field*

**Duration**

Drought is a gradual, slow-moving phenomenon. The start date is an approximation. End dates are not required.

**Impact Start Date**  \*

**End Date**

**Description**

Please provide a description of how drought is affecting you, your livelihood, your activities, etc. \*

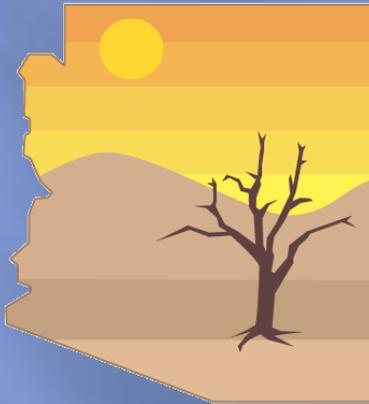
**Report Categories**

Please check any and all categories that apply to the report you are submitting. For more information on categories of drought impacts and reports, please click on the blue help icon.

If an amount of money is associated with the impact, please consider providing that information in the box to the right of the category. Including a dollar amount means you agree to allow it to be used as a summary statistic.

	<input type="checkbox"/> Agriculture	\$ <input type="text"/>
	<input type="checkbox"/> Business And Industry	\$ <input type="text"/>
	<input type="checkbox"/> Energy	\$ <input type="text"/>
	<input type="checkbox"/> Fire	\$ <input type="text"/>
	<input type="checkbox"/> Plants And Wildlife	\$ <input type="text"/>

**Work is currently underway to connect AZDroughtWatch to the National Drought Impacts Reporter so our impacts are immediately available to the Drought Monitor authors.**



**AZ DroughtWatch**

**<http://azdroughtwatch.org>**  
**[crimmins@u.arizona.edu](mailto:crimmins@u.arizona.edu)**