



STATE OF ARIZONA

Date of Verification: Spring 2024

The Community Rating System (CRS) provides credit to communities for certain state laws, regulations, and standards that support floodplain management within a state and have proven effective in reducing flood damage. This Verification Report is provided to explain the recommendations of Insurance Services Office, Inc. (ISO) to DHS/FEMA concerning state-based credits under the CRS within the above state.

There are two sections to this report: State-based credit, and Other potential credit.

State-based credit is awarded to communities for activities that are implemented and enforced by the state. The credit is provided to each community in the state and documentation is not needed from the community.

Other potential credit lists the CRS activities for which communities may receive CRS credit based on, or due to, state or regional programs or regulations that are implemented within the community. There is also information regarding use of a state-based model ordinance, if present in the state. The potential credits must be verified by the ISO/CRS Specialists within each community, since enforcement is done at the community (or regional) level.

The following is a summary of state-based credit and other potential credit based on the *2017 CRS Coordinator's Manual* and *2021 Addendum*:

State-Based Credit

ACTIVITY	ELEMENT	POINTS

No state-based credit has been verified at this time.

Other Potential Credit

ISO/CRS Specialists and the communities need to determine which credits apply to their area. The following is a summary of activities that are potential credits:

ACTIVITY	ELEMENT
430 (Higher Regulatory Standards)	BC1–building codes FRB–freeboard
450 (Stormwater Management)	SMR–stormwater management regulations ESC–erosion and sedimentation control WQ–water quality
630 (Dams)	SDS–state dam safety

Activity 430 & Potential Higher Regulatory Standards in the State’s Model Ordinance

State Model Flood Damage Prevention Ordinance

The Arizona Department of Water Resources is the State NFIP Coordinating Agency.

There are four standard model ordinances on <https://new.azwater.gov/floodplain-management/forms> :

Colorado River Community (District-Dependent)

https://new.azwater.gov/sites/default/files/20230623_StateModel_DD_ColoradoRiver.pdf

Colorado River Community

https://new.azwater.gov/sites/default/files/20230623_StateModel_ColoradoRiver.pdf

Non-Colorado River Community (District-Dependent)

https://new.azwater.gov/sites/default/files/20230623_StateModel_DD_NonColoradoRiver%20%281%29.pdf

Non-Colorado River Community

https://new.azwater.gov/sites/default/files/20230623_StateModel_NonColoradoRiver.pdf

- No higher standards model text is provided or available on the website.

Activity 430 (Higher Regulatory Standards) Element BC1, Building Codes

Codes are adopted locally in Arizona, not statewide, with the exception of the state-wide adoption of the 2018 International Fire Code. <https://www.azbo.us/permits-info.html>

- AZ Fire Code: <https://dfm.az.gov/fire-marshall/arizona-state-statute-and-fire-code>

Activity 430 (Higher Regulatory Standards) Element FRB, Freeboard

Arizona requires that each county organize a county flood control district that shall adopt and enforce regulations governing floodplains and floodplain management in its jurisdiction. Local cities and towns are authorized to enforce the regulations as well. Where local municipalities opt not to enforce these requirements, the county must take over. The state requires counties and municipalities to adopt and enforce regulations that require structures to be built 1 foot above the BFE. *Specialists will verify with each community whether machinery/utilities and ductwork are required to be elevated and/or protected, to determine credit.*

Note the CRS Class 8 prerequisite: The community must adopt and enforce at least a 1-foot freeboard requirement (including machinery or equipment) for all new and SI/SD residential buildings in areas where BFEs have been determined. This includes the replacement of manufactured homes in pre-FIRM manufactured home parks.

Citations: 48-3601 (11), 48-3609 (B)(4), 48-3610. <https://www.azleg.gov/arsDetail/?title=48>

Activity 450 (Stormwater Management) Element SMR, Stormwater Management Regulations

AZ SS8-99 requires regulation of all development except single family residences, residential subdivisions with an average lot area less than or equal to one acre, or projects greater than 10 acres which drain directly into a large watercourse.

Verification: The area standards are not creditable by themselves for sub-element SZ, Size of development regulated. Check with each community, as design storms can vary (sub-element DS). Per SS 8-99, communities must regulate runoff from either the 100-year storm or the 10- and 100-year storm.

Citation: 8-99 State Standard for Stormwater Detention/Retention
https://new.azwater.gov/sites/default/files/SS8-99Detention_Retention.PDF

Activity 450 (Stormwater Management)

ESC–EROSION AND SEDIMENTATION CONTROL WQ–WATER QUALITY

Arizona Construction Activity General Permit for Stormwater is required for:

- Construction activities that disturb 1 or more of acres of land.
- Construction activities that will disturb less than 1 acre but are part of a larger common plan of development or sale that will ultimately disturb 1 acre or more.
- Support activities from temporary plants or operations set up to produce concrete, asphalt or other materials exclusively for the permitted construction project.

Citation: Arizona Pollutant Discharge Elimination System General Permit for Stormwater Discharges Associated with Construction Activity to Protected Surface Waters -
https://static.azdeq.gov/permits/azpdes/cgp_permit.pdf

Through the Construction General permit, water quality practices are required for any construction projects 1 acre or more.

Citation: Arizona Statute 49-255.05 - <https://www.azleg.gov/arsDetail/?title=49> and https://apps.azsos.gov/public_services/title_18/18-09.pdf

Activity 630 (Dams) Element SDS, State Dam Safety

Credit available for dam safety activities is based on the Dam Safety Program Management Tool. Credit for element SDS is limited to communities that would be affected by a flood from the failure of a high-hazard-potential dam. This must be documented with a description and a map.

- The Arizona Department of Water Resources oversees the state's dam safety program - <https://new.azwater.gov/dam-safety>.

The U.S. Army Corps of Engineers National Inventory of Dams webpage at <https://nid.sec.usace.army.mil/#/> documents the dams and flood inundation maps information. [FEMA's Dam Safety](#) Office annually verifies element SDS credit.