

# Ecological site group GX070A01XESG01

## Run-On

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### Key Characteristics

- Site receives significant additional moisture--either from run-on or throughflow. Site occurs on a floodplain, swale, or playa bottom. ).

### Physiography

This site occurs on water-collecting landforms such as the floodplains and channels of ephemeral and perennial streams, and also on playa bottoms.

### Soil features

Soil features for this group vary widely based on landform and parent material. Beyond this, the hydrology of run-on sites is complex, often resulting in multiple soil components of differing hydrologic status within the same ecological site.

### Major Land Resource Area

MLRA 070A  
Canadian River Plains and Valleys

### Subclasses

- F070AY023NM--Riverine Riparian
- R070AY004NM--Bottomland
- R070AY006NM--Swale
- R070AY013NM--Salt Meadow
- R070AY017NM--Salt Flats

### Stage

Provisional

### Contributors

Logan Peterson

### State and transition model

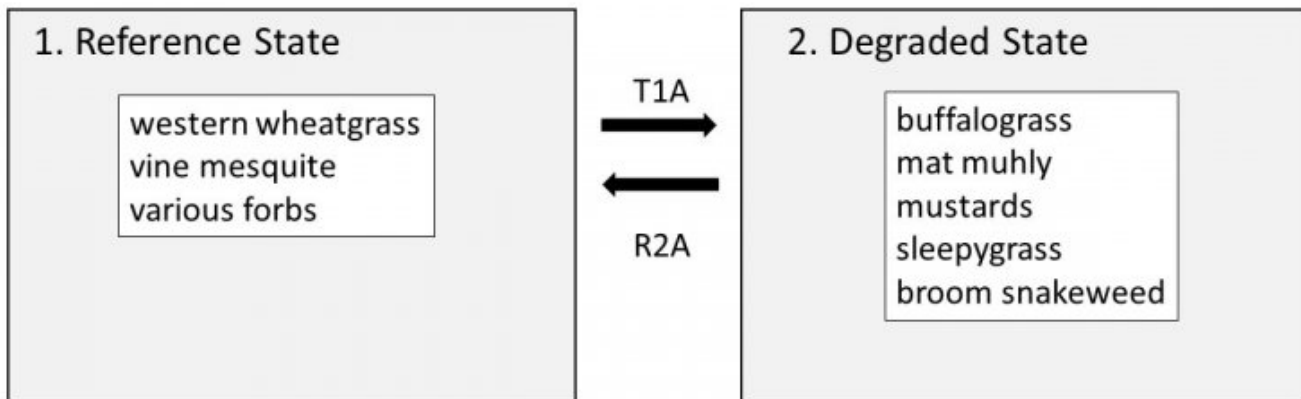


Figure . Generalized STM Diagram for the 70A Run-On Group.

### **State 1 Reference State**

This state is less degraded than State 2. Late-seral species are abundant. In riparian systems and ephemeral drainageways, channel incision is minimal and current floodplains are comparatively broad. In the case of playas, excavation to produce stock tanks is not evident.

### **State 2 Degraded State**

This state is more degraded than State 2. Late-seral species are either absent or present in reduced numbers. In riparian systems and ephemeral drainageways, channel incision is evident, and current floodplains are comparatively narrow. In the case of playas, excavation to produce stock tanks is evident.

### **Transition T1A State 1 to 2**

This transition represents the lowering of the local water table by either excavation (in the case of playas) or incision (in the case of fluvial systems). Stream incision can result from a number of mechanisms including heavy animal or vehicle traffic, construction activities, and water diversion.

### **Restoration pathway R2A State 2 to 1**

This transition represents restoration activities which elevate the local water table. In the case of fluvial systems, these activities include channel restoration efforts. In the case of playas, filling in excavated stock tanks is included.

### **Citations**