AGRICULTURE

Action Type	Action	Vulnerability Addressed	Rate the below from 1 – 5 (5 being "Extremely effective")	
			Potential Effectiveness During Single-Year Drought	Potential Effectiveness During Multi-Year Drought
Mitigation	Crop Variety and Seed Spacing	Crop Yield Reduction		
Mitigation	Groundwater Recharge Projects	Groundwater/Aquifer Depletion		
Mitigation	Irrigation Efficiency	Groundwater/Aquifer Depletion		
Mitigation	Rangeland Health (rotational grazing, etc.)	Livestock Feed Shortage, Soil Health		
Mitigation	Soil Health (conservation tillage, cover crops, etc.)	Crop Yield Reduction, Soil Health, Erosion		
Mitigation	Erosion Conservation Measures	Erosion, Soil Health		
Mitigation	Commingled Irrigation	Crop Yield Reduction		
Response	Livestock Protection, Shade, and Water	Livestock Water Shortage/Health		
Response	Irrigation Scheduling	Groundwater/Aquifer Depletion		
Response	Emergency Hay/Forage (FSA programs, etc.)	Livestock Feed Shortage		

ENERGY

Action Type	Action	Vulnerability Addressed	Rate the below from 1 – 5 (5 being "Extremely effective")	
			Potential Effectiveness During Single-Year Drought	Potential Effectiveness During Multi-Year Drought
Mitigation	Increase Groundwater Available for Cooling Water	Insufficient Cooling Water		
Mitigation	Protect Power Infrastructure from Fire Threats (like wildfires, etc.)	Power Infrastructure Stress and Maintenance		
Mitigation	Improvements to Power Infrastructure to Reduce Potential Fire Cause	Power Infrastructure Stress and Maintenance, Fire Threat		
Mitigation	Improve efficiency of Water Delivery	Decreased Hydropower, Insufficient Cooling Water		
Response	Load and Peak Demand Management	Increased Energy Demand, Power Costs		

MUNICIPAL/INDUSTRIAL/DOMESTIC

Action Type	Action	Vulnerability Addressed	Rate the below from 1 – 5 (5 being "Extremely effective")	
			Potential Effectiveness During Single-Year Drought	Potential Effectiveness During Multi-Year Drought
Mitigation	Develop Emergency Action Plans for Water Shortage	Decreased Source Water Quantity, Fire/Emergency Threats		
Mitigation/ Response	Drill Deeper Production Wells/Replace Older Infrastructure	Decreased Source Water Quantity, Infrastructure Stress and Maintenance, Decreased Revenue		
Mitigation (# of monitoring wells, etc.)/ Response (increased frequency)	Increase Groundwater Quantity Monitoring	Decreased Source Water Quantity		
Mitigation/ Response	Increase Groundwater Quality Monitoring	Decreased Source Water Quality		
Response	Water Use Restrictions - Voluntary and Mandatory (Lawn Irrigation)	Decreased Source Water Quantity		
Response	Emergency/Fire Water Storage and/or Access	Fire/Emergency Threats		
Response	Emergency Potable Water	Fire/Emergency Threats		

ENVIRONMENTAL

Action Type	Action	Vulnerability Addressed	Rate the below from 1 – 5 (5 being "Extremely effective")	
			Potential Effectiveness During Single-Year Drought	Potential Effectiveness During Multi-Year Drought
Mitigation	Increased habitat/biodiversity ("Corners for Wildlife" for example)	Ecosystem Function/Biodiversity, T&E Critical Habitat		
Mitigation	Increase Riparian Buffer Zones	Terrestrial and Aquatic Habitat, Surface Water Quality		
Mitigation	Improve Drought Resilient Habitats (existing and new)	Ecosystem Function/Biodiversity, T&E Critical Habitat		
Mitigation	Controlled Burns	Fire Threat		
Mitigation	Improve Wildlife Protection	Biodiversity, Aquatic Habitat, T&E Critical Habitat		
Mitigation	Control Invasive and Monoculture Vegetation (Phragmites, Cedars, Russian Olive)	Fire Threat/Impact, Ecosystem Function, T&E Critical Habitat		
Response	Coordinate Wildfire Supression	Fire Threat/Impact		
Response	Habitat Recovery	Biodiversity, Aquatic Habitat, T&E Critical Habitat		

RECREATION

Action Type	Action	Vulnerability Addressed	Rate the below from 1 – 5 (5 being "Extremely effective")	
			Potential Effectiveness During Single-Year Drought	Potential Effectiveness During Multi-Year Drought
Mitigation	Lake Dredging	Aquatic Recreation, Ecotourism		
Mitigation	Watershed WQ Management	Aquatic Recreation, Game/Fish Disease, Ecotourism		
Mitigation	Drought Resilient Water-Based Recreational Facilities	Aquatic Recreation, Ecotourism		
Mitigation	Improve Diversity of Recreational Activities	Ecotourism		
Response	Fish and Game Regulations During Drought	Game/Fish Disease, Aquatic Recreation, Upland Game		

SOCIO-ECONOMIC

Action Type	Action	Vulnerability Addressed	Rate the below from 1 – 5 (5 being "Extremely effective")	
			Potential Effectiveness During Single-Year Drought	Potential Effectiveness During Multi-Year Drought
Mitigation	Access to Mental Health Resources	Mental and Public Health		
Mitigation	Public Outreach and Drought Education	Decreased Public Services, Economic Development		
Mitigation	Prepare and Train for Disease Outbreaks	Public Health		
Mitigation	Improve Communication About Available Financial Assistance	Inequity in Relief, Mental Health, Population Decline		
Mitigation	Improve Drought Resilience of Public Services	Decreased Tax Revenue, Reduced Economy, Economic Development		
Response	Increase Drinking WQ Monitoring	Public Health		
Response	Increase Air Quality Monitoring	Public Health		
Response	Coordinate Disaster Relief	Inequity in Relief, Mental Health, Reduced Economy		
Response	Emergency Response (Red Cross, National Guard, coordinate volunteer fire districts, etc.)	Public Safety		