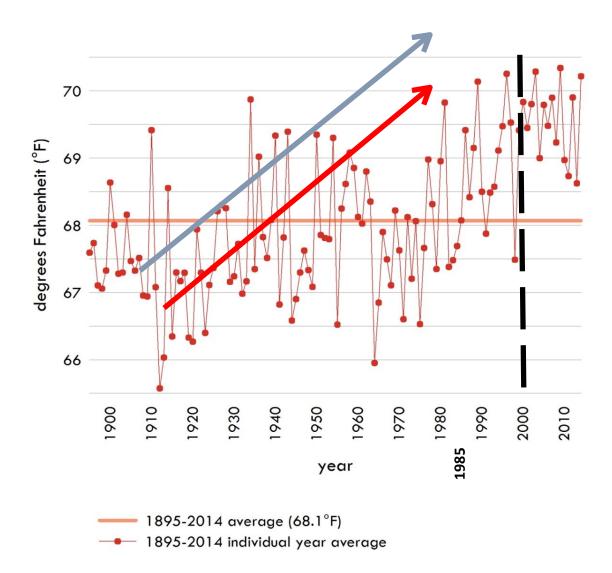
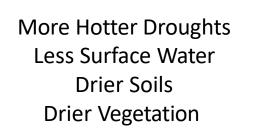


Population: 38,000 members Area: 2.7 million acres

Tohono O'odham Nation Annual Average Temperatures (> 100 years)





- interne to your



More Wildfires



TOHONO 0'0DHAM NATION CLIMATI (**Crisis**) E ADAPTATION PLAN January 2018

EXECUTIVE SUMMARY	1
INTRODUCTION AND BACKGROUND	
Geography and Climate	
Climate Change Adaptation Planning	
Project Summary	
CLIMATE CHANGE OVERVIEW	
Future Climate Projections for Arizona including the Nation	10
CLIMATE CHANGE IMPACTS AND PROPOSED STRATEGIES	13
Water Resources	
Groundwater	
Central Arizona Project (CAP) Water	15
Human Health	
Heat	
Food Security	
Diseases and Vector-Borne Diseases	
Emergency Management	
Fire Risk	
Flood Risk	31
EVALUATION OF ADAPTATION STRATEGIES	32
ADDITIONAL RESOURCES AND REFERENCES CITED	35
APPENDIX A: YOUTH CLIMATE CHANGE FORUM SUMMARY	
APPENDIX B. DISTRICT MEETINGS SUMMARY	
APPENDIX C: DEPARTMENT STAFF WORKSHOPS SUMMARY	45
APPENDIX D. GLOBAL CLIMATE CHANGE	
APPENDIX E: ADAPTATION STRATEGIES – EXAMPLES FROM OTHER COMMUNITIES	
APPENDIX F HAZARD MITIGATION STRATEGIES - ARIZONA EXAMPLES	
Drought Strategies	
Wildfire Strategies	
Flooding Strategies	
Extreme Heat Strategies	62
All Hazards	

TABLE

Current Drought mitigation:

- AZ in a declared 21-year drought
- Water Resources Department: US Drought Monitor-AZ
- NIDIS Drought Portal
- Nation will purchased USDA Rainfall Index Pasture, Rangeland, and Forage Insurance for Crop Year 2020
- Natural Resources Department developing a Drought Mitigation Plan
- Emergency Drought Relief Plan (hay and fuel for water trucks) will be introduced to Tribal Council in October