

ARCHBOLD RESERVE TIMELINE

1930s	Logging - unknown volume of timber (pines) harvested
By 1930	First drainage ditches built (along southern boundary and a few big wetlands)
1966	Major ditch built along southern boundary of MC-WRP-C
1969-1970	Upper Mary's Creek dredged and channelized; wetland drained/filled; irrigation pit dug
1969-1981	Rest of ditch network installed for crop irrigation (dry season) and drainage (wet season)
2002	Archbold purchased 3,648 acres from McJunkin Family – contingent on sale of 730 acres of adjacent disturbed scrub to the State (known as McJunkin tract); ABS initiated fire management program (burning pastures every 1-3 years) and exotics control (herbiciding invasive exotic plants)
2002-present	Lightsey Cattle Co. lease agreement – grazing, assisting ABS with land management
2003	NSF-funded workshop to plan Reserve research, education, and land management activities
2003-2004	GPS mapping of Reserve ditches and other features completed by ABS GIS staff
2003-present	Species inventories – birds (winter bird count 2003), fish (surveys by interns E. Hohausova 2003, J. O'Connor 2011), herps (surveys by Eckerd College herp class), plants (surveys by ABS Plant Ecology staff 2002-03, E. Bridges and S. Orzell 2005)
2005-present	ABS scrub restoration study – 12 plots on the Reserve (pasture and disturbed scrub), 6 plots on McJunkin (heavily disturbed scrub), 6 plots on Station (reference scrub)
2006	88 acres permanently enrolled in USDA Grassland Reserve Program (GRP)
2007-present	NOAA Climate Reference Network weather station installed in pasture 3E
2008	New ABS research program in Restoration Ecology initiated
2008-2011	Eddy covariance tower installed in Mary's Creek WRP to measure carbon flux before and after wetland restoration
2008-present	Water quality monitoring of Mary's Creek and Frances Creek – monthly through 2012, quarterly since then
2010-2013	ABS study of cutthroat grass and wet prairie vegetation responses to cattle grazing and fire (winter vs. summer burning) – 16 plots in pasture 2W
2010-present	ABS study of wetland vegetation responses to hydrological restoration and cattle grazing – 15 wetlands
2011-present	ABS study of vegetation responses to hydrological restoration – 8 blocks in Cutthroat Seep WRP
2012-present	Monthly monitoring of groundwater wells in Cutthroat Seep WRP and SW Flatwoods; additional wells installed in north part of Reserve in 2014 – total of 15 wells
2013-2017	USDA WHIP Working Lands for Wildlife - habitat management for Gopher Tortoises (947 acres)

WETLANDS RESERVE PROGRAM (WRP) TIMELINE

Easement	Year	
Mary's Creek WRP	2006	494 acres permanently enrolled
	2009-2010	Restoration planning and engineering design for MC-WRP Phase I
	2010-2011	Hydrological restoration (Phase I ditch plugging) in MC-WRP
	2013-2015	Restoration planning and engineering design for MC-WRP Phase II
	2016-2017	Hydrological restoration (Phase II installing weir)
Frances Creek WRP	2007	404 acres permanently enrolled
	2009-2010	Restoration planning and engineering design for FC-WRP
	2010	Hydrological restoration (ditch plugging) in FC-WRP
	2014-2015	Wet prairie restoration (native revegetation) of 27 ac in FC-WRP
Cutthroat Seep WRP	2008	205 acres permanently enrolled
	2010-2011	Restoration planning and engineering design for CS-WRP
	2012	Hydrological restoration (ditch plugging) in CS-WRP
Cutthroat Prairie WRP	2013	195 acres permanently enrolled
	2013-2014	Restoration planning and engineering design for CP-WRP
	2015	Hydrological restoration (ditch plugging) in CP-WRP
East Prairie WRE	2015	204 acres permanently enrolled
	2014-2015	Restoration planning and engineering design for EP-WRE
	2016-2017	Hydrological restoration (ditch plugging)
		Total 1,502 acres enrolled