

## RECENT HYDROLOGIC CHANGE AT AUDUBON'S CORKSCREW SWAMP SANCTUARY

${ }^{\text {Bandubon }}$<br>FLORIDA

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# Daily water level data beginning in 1957 











196os to 2010s:
47.1\%
(4.2 mo.)
33.7\%
(3.5 mo.)
22.8\%
(2.5 mo.)




## TIMING OF CHANGES




## Wading birds are indicators of wetland health

Wading birds are food limited


Water grows fish, fish feed birds


Wood Storks are our canary in the coal mine

Hydrologic change also has implications for

- Other aquatic-dependent wildlife
- Plant communities
- Dry season severe fire risk
- Winter temperature buffering \& microclimate


Technical report:
http://corkscrew.audubon.org/conservation/corkscrew-water-loss

