

# Precipitation Outlook for Species Seasons through the next 12 months

March 16, 2015

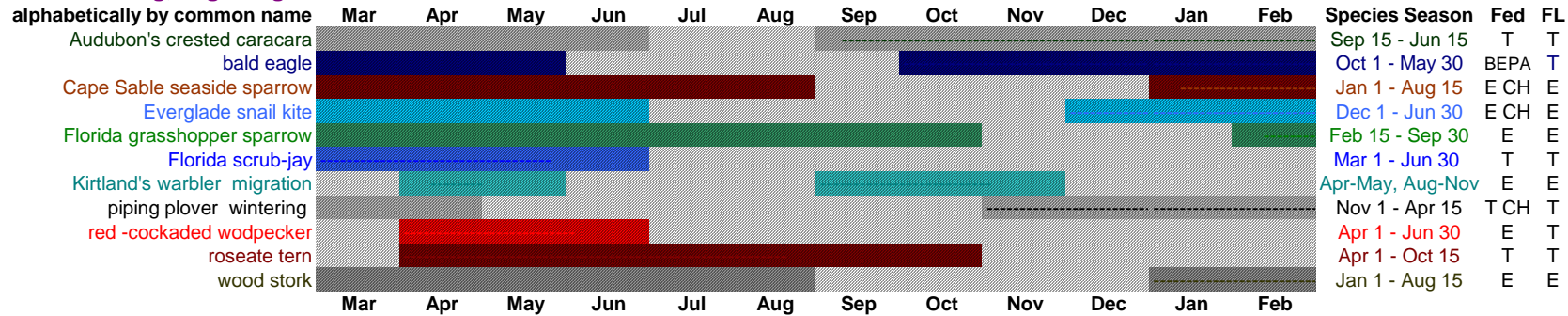
Extreme Dry/Wet = Very Much Below/Above Normal Precip

Excess Dry/Wet = Much Below/Above Normal Precip

Dry/Wet = Below/Above Normal Precip

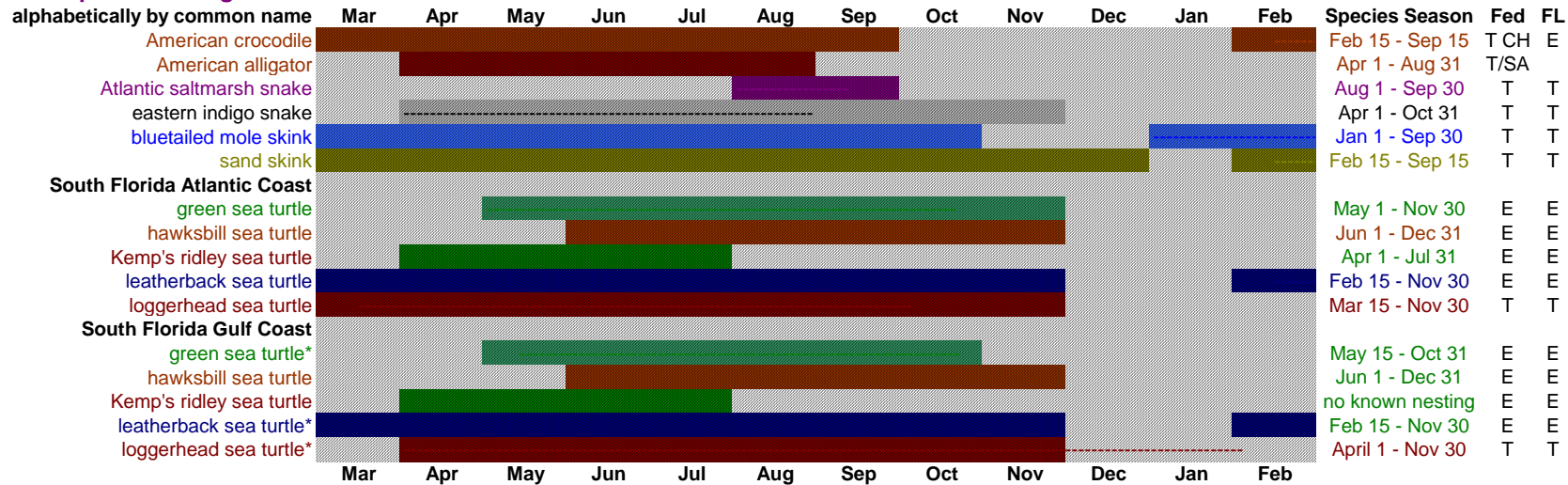
## Precipitation Outlook -->

### Avian - Nesting, Migrating



## Precipitation Outlook -->

### Reptile - Nesting

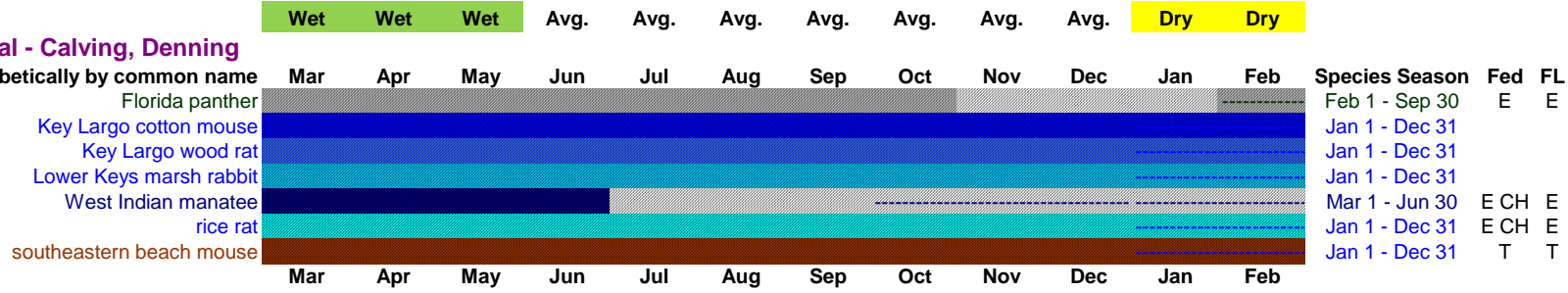


Precipitation Outlook for Species

Precipitation Outlook -->

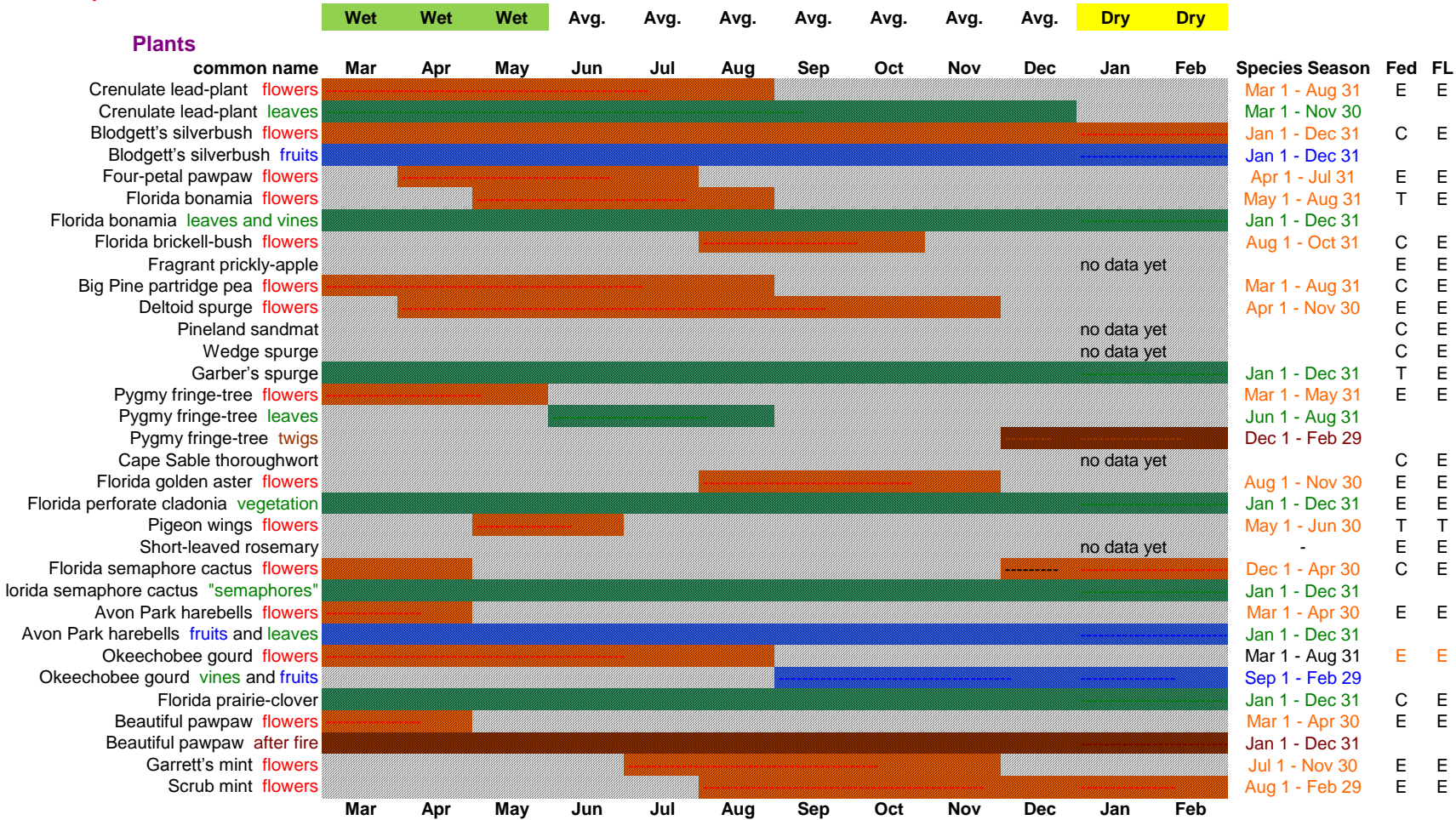
Mammal - Calving, Denning

alphabetically by common name



Precipitation Outlook -->

Plants



Precipitation Outlook -->

Precipitation Outlook for Species



Plants (Cont.)

common name	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Species Season	Fed	FL
Snakeroot flowers													Jun 1 - Aug 31	E	E
Snakeroot basal rosette													Jan 1 - Dec 31		
Small's milkpea flowers													Jun 1 - Aug 31	E	E
Small's milkpea following fire													Jun 1 - Aug 31		
Johnson's seagrass													Jan 1 - Dec 31	T CH	E
Highlands scrub hypericum flowers													Jun 1 - Sep 30	E	E
Florida indigo flowers													Jan 1 - Dec 31	C	E
Beach jacquemontia flowers													Nov 1 - May 31	E	E
Scrub blazing star flowers													Jun 1 - Sep 30	E	E
Sand flax flowers													Mar 1 - Nov 30	C	E
Carter's small-flowered flax flowers/fruits													Feb 1 - May 31	C	E
Scrub lupine flowers													Mar 1 - May 31	E	E
Scrub lupine distinct leaves													Jan 1 - Dec 31		
Britton's beargrass flowers													Mar 1 - May 31	E	E
Britton's beargrass leaves/growth													Jan 1 - Dec 31		
Papery whitlow-wort vegetation													Aug 1 - Nov 30	T	E
Key tree-cactus vegetation													Jan 1 - Dec 31	E	E
Lewton's polygala flowers													Feb 1 - Apr 30	E	E
Tiny polygala flowers													Jan 1 - Dec 31	E	E
Wireweed flowers													Jun 1 - Nov 30	E	E
Sandlace flowers and fruits													Jan 1 - Dec 31	E	E
Scrub plum flowers													Jan 1 - Feb 29	E	E
Scrub plum fruits													Mar 1 - May 31		
Scrub plum distinct leaves													Jan 1 - Dec 31		
Everglades bully													no data yet	C	
Wide-leaf warea flowers													Sep 1 - Oct 31	E	E
Wide-leaf warea seedlings													Apr 1 - May 31		
Wide-leaf warea mature plants													Mar 1 - Aug 31		
Carter's mustard flowers													Sep 1 - Oct 31	E	E
Florida ziziphus flowers													Jan 1 - Feb 29	E	E
Florida ziziphus fruits													May 1 - Jun 30		
Florida ziziphus distinct leaves													Mar 1 - Nov 30		

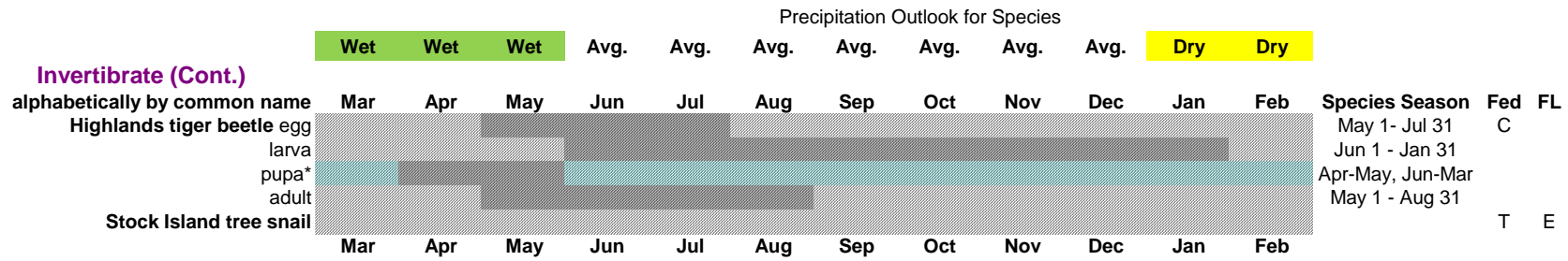
Precipitation Outlook -->



Invertebrate / Host Plants

alphabetically by common name	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Species Season	Fed	FL
Bartram's hairstreak butterfly													Jan 1 - Dec 31	C	
Florida leafwing butterfly													Jan 1 - Dec 31	C	
host pineland croton													Jan 1 - Dec 31		
Miami blue butterfly													Jan 1 - Dec 31	C	
Miami blue host grey nicker													Jan 1 - Dec 31		
Miami blue host balloon vine													Jan 1 - Dec 31		
Miami blue host Florida Key blackbead													Jan 1 - Dec 31		
Miami blue host cat's claw													Jan 1 - Dec 31		
Schaus swallowtail butterfly egg													Apr 1 - Jul 31	E	E

Precipitation Outlook -->



<sup>1</sup> Important Seasons: include (1) pre-nesting/denning/calving (e.g., courtship, site selection, nest building), (2) nesting, and (3) post nesting (e.g., young dependent on natal area) periods.

<sup>2</sup> Status: Federal under Endangered Species Act and Florida State: E-Endangered, T-Threatened, C-Candidate, CH-Critical Habitat designated for Florida

**BEPA - Bald and Golden Eagle Protection Act**

**All avian species also protected under Migratory Bird Treaty Act**

**West indian manatee also protected under Marine Mammal Protection Act**

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