Precipitation Outlook for Species Seasons through the next 12 months

May 7, 2012

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 -->

	Avg.	Avg.	Avg.	Wet	Wet	Wet	Avg.	Avg.	Avg.	Avg.	Avg.	Avg.		
Avian - Nesting, Migrating														
alphabetically by common name	**May**	**Jun**	**Jul**	**Aug**	**Sep**	**Oct**	**Nov**	**Dec**	**Jan**	**Feb**	**Mar**	**Apr**	**Species Season**	**Fed**	**FL**
Audubon's crested caracara													Sep 15 - Jun 15	T	T
bald eagle													Oct 1 - May 30	BEPA	T
Cape Sable seaside sparrow													Jan 1 - Aug 15	E CH	E
Everglade snail kite													Dec 1 - Jun 30	E CH	E
Florida grasshopper sparrow													Feb 15 - Sep 30	E	E
Florida scrub-jay													Mar 1 - Jun 30	T	T
Kirtland's warbler migration													Apr-May, Aug-Nov	E	E
piping plover wintering													Nov 1 - Apr 15	T CH	T
red -cockaded wodpecker													Apr 1 - Jun 30	E	T
roseate tern													Apr 1 - Oct 15	T	T
wood stork													Jan 1 - Aug 15	E	E
	May	**Jun**	**Jul**	**Aug**	**Sep**	**Oct**	**Nov**	**Dec**	**Jan**	**Feb**	**Mar**	**Apr**			

Precipitation Outlook -->

	Avg.	Avg.	Avg.	Wet	Wet	Wet	Avg.	Avg.	Avg.	Avg.	Avg.	Avg.		
Reptile - Nesting														
alphabetically by common name	**May**	**Jun**	**Jul**	**Aug**	**Sep**	**Oct**	**Nov**	**Dec**	**Jan**	**Feb**	**Mar**	**Apr**	**Species Season**	**Fed**	**FL**
American crocodile													Feb 15 - Sep 15	T CH	E
American alligator													Apr 1 - Aug 31	T/SA	
Atlantic saltmarsh snake													Aug 1 - Sep 30	T	T
eastern indigo snake													Apr 1 - Oct 31	T	T
bluetailed mole skink													Jan 1 - Sep 30	T	T
sand skink													Feb 15 - Sep 15	T	T
South Florida Atlantic Coast															
green sea turtle													May 1 - Nov 30	E	E
hawksbill sea turtle													Jun 1 - Dec 31	E	E
Kemp's ridley sea turtle													Apr 1 - Jul 31	E	E
leatherback sea turtle													Feb 15 - Nov 30	E	E
loggerhead sea turtle													Mar 15 - Nov 30	T	T
South Florida Gulf Coast															
green sea turtle*													May 15 - Oct 31	E	E
hawksbill sea turtle													Jun 1 - Dec 31	E	E
Kemp's ridley sea turtle													no known nesting	E	E
leatherback sea turtle*													Feb 15 - Nov 30	E	E
loggerhead sea turtle*													April 1 - Nov 30	T	T
	May	**Jun**	**Jul**	**Aug**	**Sep**	**Oct**	**Nov**	**Dec**	**Jan**		**Mar**	**Apr**			

Precipitation Outlook -->

Precipitation Outlook for Species

Mammal - Calving, Denning

alphabetically by common name	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	Species Season	Fed	FL
	Avg.	Avg.	Avg.	Wet	Wet	Wet	Avg.	Avg.	Avg.	Avg.	Avg.	Avg.			
Florida panther													Feb 1 - Sep 30	E	E
Key Largo cotton mouse													Jan 1 - Dec 31		
Key Largo wood rat													Jan 1 - Dec 31		
Lower Keys marsh rabbit													Jan 1 - Dec 31		
West Indian manatee													Mar 1 - Jun 30	E CH	E
rice rat													Jan 1 - Dec 31	E CH	E
southeastern beach mouse													Jan 1 - Dec 31	T	T
	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr			

Precipitation Outlook -->

Plants

common name	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	Species Season	Fed	FL
	Avg.	Avg.	Avg.	Wet	Wet	Wet	Avg.	Avg.	Avg.	Avg.	Avg.	Avg.			
Crenulate lead-plant flowers													Mar 1 - Aug 31	E	E
Crenulate lead-plant leaves													Mar 1 - Nov 30		
Blodgett's silverbush flowers													Jan 1 - Dec 31	C	E
Blodgett's silverbush fruits													Jan 1 - Dec 31		
Four-petal pawpaw flowers													Apr 1 - Jul 31	E	E
Florida bonamia flowers													May 1 - Aug 31	T	E
Florida bonamia leaves and vines													Jan 1 - Dec 31		
Florida brickell-bush flowers													Aug 1 - Oct 31	C	E
Fragrant prickly-apple									no data yet					E	E
Big Pine partridge pea flowers													Mar 1 - Aug 31	C	E
Deltoid spurge flowers													Apr 1 - Nov 30	E	E
Pineland sandmat									no data yet					C	E
Wedge spurge									no data yet					C	E
Garber's spurge													Jan 1 - Dec 31	T	E
Pygmy fringe-tree flowers													Mar 1 - May 31	E	E
Pygmy fringe-tree leaves													Jun 1 - Aug 31		
Pygmy fringe-tree twigs													Dec 1 - Feb 29		
Cape Sable thoroughwort									no data yet					C	E
Florida golden aster flowers													Aug 1 - Nov 30	E	E
Florida perforate cladonia vegetation													Jan 1 - Dec 31	E	E
Pigeon wings flowers													May 1 - Jun 30	T	T
Short-leaved rosemary									no data yet				-	E	E
Florida semaphore cactus flowers													Dec 1 - Apr 30	C	E
lorida semaphore cactus "semaphores"													Jan 1 - Dec 31		
Avon Park harebells flowers													Mar 1 - Apr 30	E	E
Avon Park harebells fruits and leaves													Jan 1 - Dec 31		
Okeechobee gourd flowers													Mar 1 - Aug 31	E	E
Okeechobee gourd vines and fruits													Sep 1 - Feb 29		
Florida prairie-clover													Jan 1 - Dec 31	C	E
Beautiful pawpaw flowers													Mar 1 - Apr 30	E	E
Beautiful pawpaw after fire													Jan 1 - Dec 31		
Garrett's mint flowers													Jul 1 - Nov 30	E	E
Scrub mint flowers													Aug 1 - Feb 29	E	E
	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr			

Precipitation Outlook -->

Avg.	Avg.	Avg.	Wet	Wet	Wet	Avg.	Avg.	Avg.	Avg.	Avg.	Avg.

Plants (Cont.)

Precipitation Outlook for Species

common name	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	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		
	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr			

Precipitation Outlook -->

	Avg.	Avg.	Avg.	Wet	Wet	Wet	Avg.	Avg.	Avg.	Avg.	Avg.	Avg.

Invertebrate / Host Plants

alphabetically by common name	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	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
	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr			

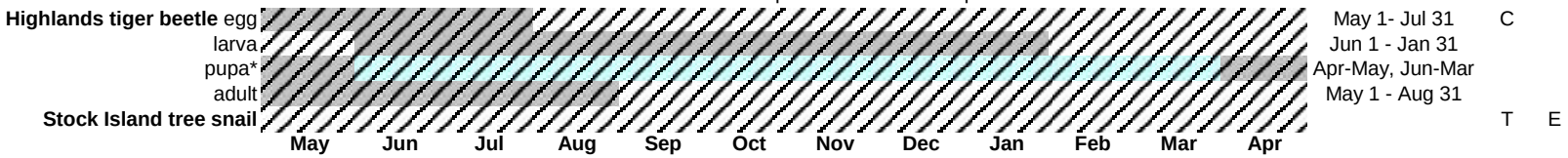
Precipitation Outlook -->

	Avg.	Avg.	Avg.	Wet	Wet	Wet	Avg.	Avg.	Avg.	Avg.	Avg.	Avg.

Invertibrate (Cont.)

alphabetically by common name	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	Species Season	Fed	FL

Precipitation Outlook for Species



[1] 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.

[2] Status: Federal under Endangered Species Act and 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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