

# 2024 calendar



Mangrove Islands of Bunche Beach | *Nicole Jensen*



Coastal & Heartland National Estuary Partnership

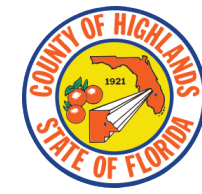
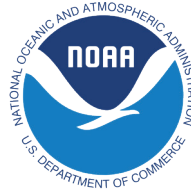




# Coastal & Heartland National Estuary Partnership

Uniting Central and Southwest Florida to protect water and wildlife

## CHNEP COMMITTEE MEMBERS



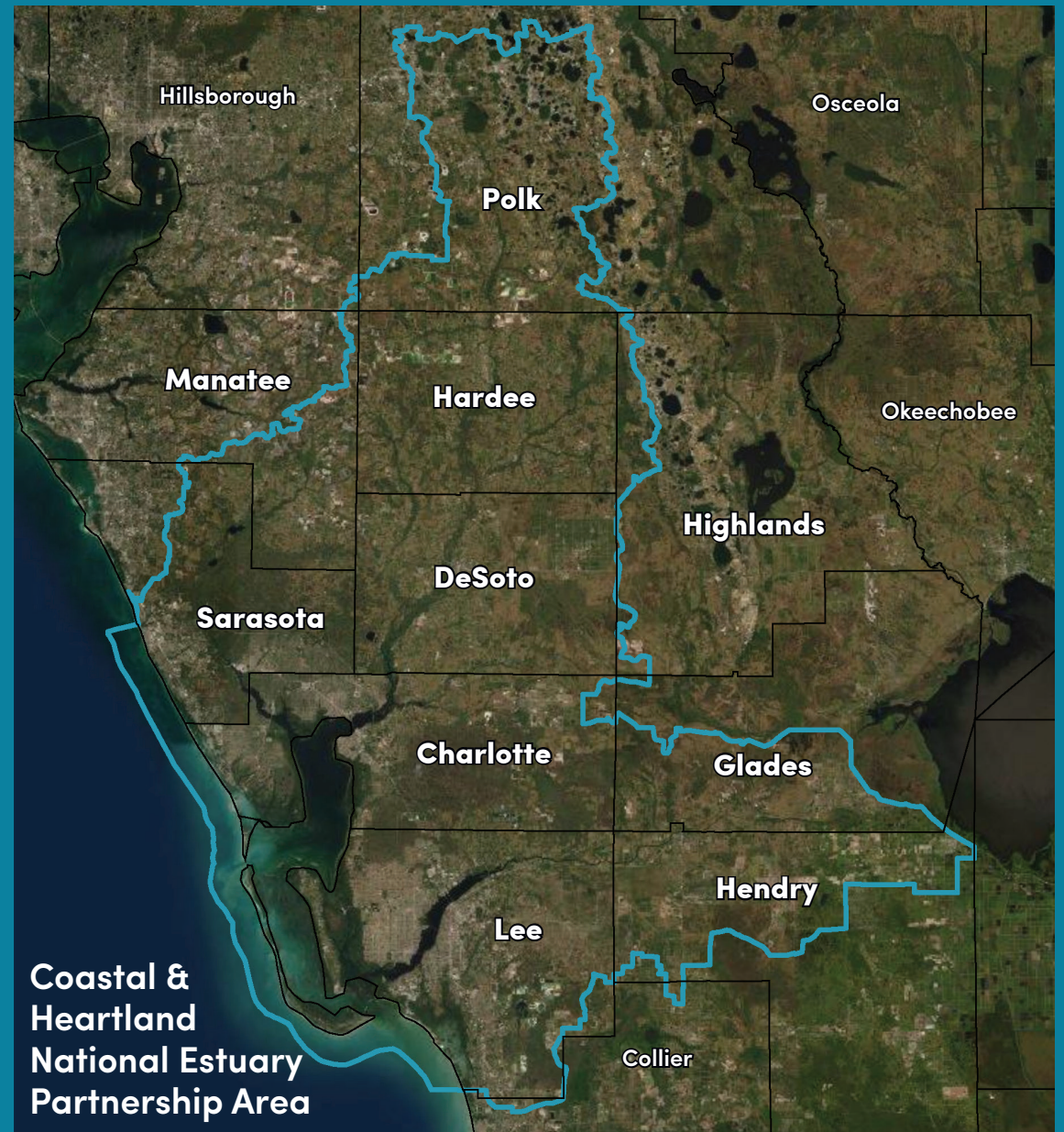


# ABOUT US

Formed in 1995, the Coastal & Heartland National Estuary Partnership (CHNEP, formerly the Charlotte Harbor National Estuary Program) was designated by Congress to protect the exceptional estuaries and water resources in a 5,416 square mile area that includes the Peace, Myakka, Caloosahatchee, and Estero Rivers and the coastal waters of Dona and Roberts Bays, Lemon Bay, Charlotte Harbor, the Caloosahatchee, Pine Island Sound, and Estero Bay. CHNEP is a non-regulatory, science and consensus-based organization, and is strongly supported by the state and local governments within its boundaries.

## PURPOSE OF CHNEP

- To protect and restore water quality to swimmable and fishable standards in the CHNEP area
- To restore healthy abundant fisheries and shellfish harvesting for commercial and recreational use
- To foster public-private partnerships between diverse stakeholders, including industry, governmental, and non-governmental organizations for restoration purposes
- To protect federal resources in our study area including National Wildlife Refuges and numerous federally endangered species
- To leverage limited federal dollars with state and local funds, as well as private contributions, to implement more projects
- To provide environmental education experiences to youth, adult, and underserved populations
- To support local economies tied to our water resources



## Coastal & Heartland National Estuary Partnership

1050 Loveland Blvd.  
Port Charlotte, FL 33980  
941-833-6580  
[www.CHNEP.org](http://www.CHNEP.org)





Cedar Waxwing and Pokeberries in Skye Ranch | *Art Nadelman*



# January 2024



Sunday      Monday      Tuesday      Wednesday      Thursday      Friday      Saturday

	1 NEW YEAR'S DAY	2	3 LAST QUARTER	4	5	6
7	8	9	10	11 NEW MOON	12	13
14	15 MARTIN LUTHER KING JR. DAY	16	17 FIRST QUARTER	18	19	20
21	22	23	24	25 FULL MOON	26	27
28	29	30	31			

Left: Dragonfly at Harns Marsh  
Barbara Morris

Right: Atala Butterfly in Sarasota County  
Gary Walker





Early morning at Circle B Bar Reserve | *Jeff Spence*



# February 2024



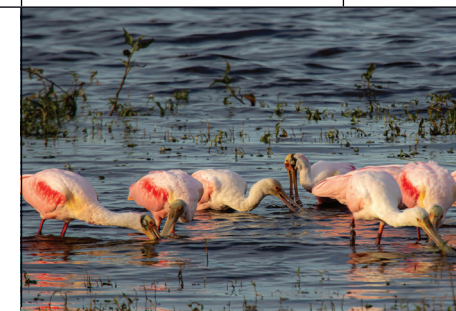
Sunday    Monday    Tuesday    Wednesday    Thursday    Friday    Saturday



Left: Graysby grouper and invertebrates at Offshore Ledge  
*James Douglass*

**LEARN ABOUT YOUR WATERS**  
[chnep.wateratlas.usf.edu](http://chnep.wateratlas.usf.edu)

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
	LAST QUARTER							NEW MOON						SHOREBIRD NESTING SEASON BEGINS	FIRST QUARTER			PRESIDENT'S DAY										



Left: Spoonbills at Myakka River State Park  
*Steve Maple*





Roseate Spoonbill at J.N. "Ding" Darling NWR | *Sue Christensen*



# March 2024



Sunday    Monday    Tuesday    Wednesday    Thursday    Friday    Saturday

VISIT [CHNEP.ORG](http://CHNEP.ORG) TO

**SUBSCRIBE**

Right: Dolphins in  
Dona Bay  
*Sarina Weiss*



1

2

3    LAST QUARTER

4

5

6

7

8

9

10    NEW MOON  
DAYLIGHT SAVING TIME BEGINS

11

12

13

14

15

16

17    FIRST QUARTER

18

19    VERNAL EQUINOX

20

21

22    WORLD WATER DAY

23

24    31

25    FULL MOON

26

27

28

29

30





Fawn in *Coreopsis* at Myakka River State Park | Mary Lundeberg



# April 2024



Sunday Monday Tuesday Wednesday Thursday Friday Saturday

	1 LAST QUARTER	2	3	4	5	6
7	8 NEW MOON	9	10 GOPHER TORTOISE DAY	11	12	13
14	15 FIRST QUARTER	16	17	18	19	20
21	22 EARTH DAY	23 FULL MOON	24	25	26 NATIONAL ARBOR DAY	27

28

29

30



Left: White Peacock Butterfly in Englewood  
*Chris Chandras*

Right: Purple Gallinule at the Circle B Bar Reserve  
*Rhonda Paprocki*





Endangered Snail Kite with an Apple Snail at Harn's Marsh | *Art Nadelman*



# May 2024



Sunday      Monday      Tuesday      Wednesday      Thursday      Friday      Saturday



Left: Sunning Turtles at Lake Morton  
*Steven G. Richardson*

Right: River Otter in Fort Myers  
*Sue Christensen*

1      ) LAST QUARTER  
SEA TURTLE NESTING SEASON BEGINS

2

3

4

5

6

7      ● NEW MOON

8

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14

15      ) FIRST QUARTER

16

17

18

19

20

21

22

23      ○ FULL MOON

24

25

26

27      MEMORIAL DAY

28

29

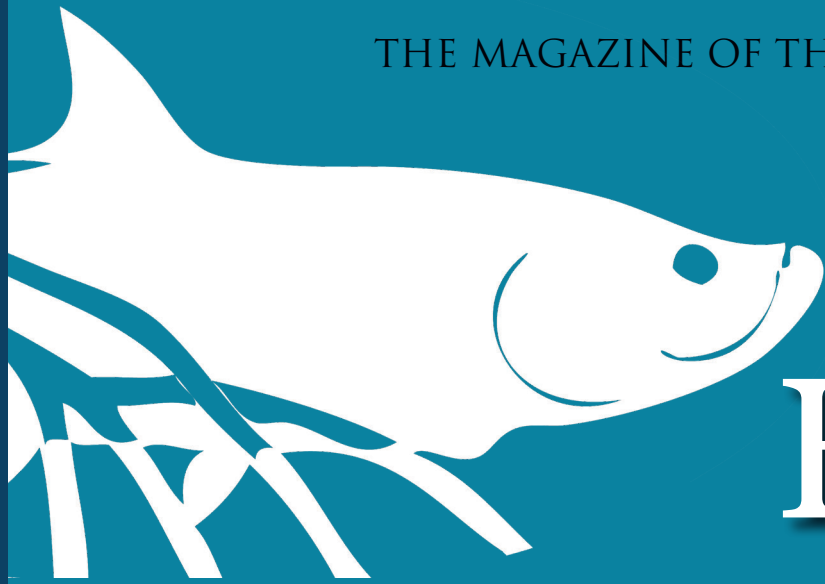
30      ) LAST QUARTER

31

**CALENDAR OF CHNEP EVENTS**

[chnep.org/events](https://chnep.org/events)

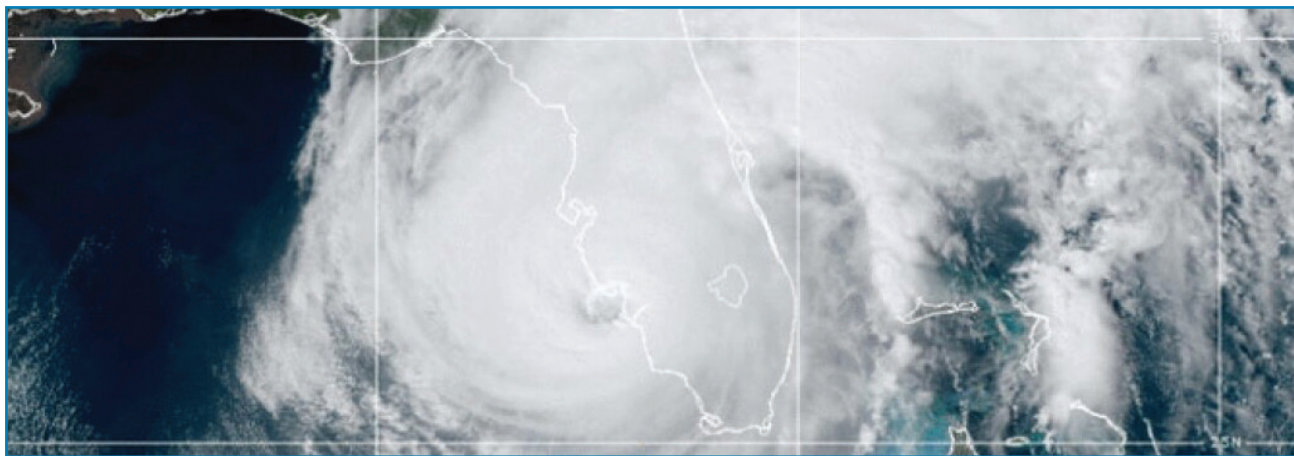




# HARBOR HAPPENINGS

*Uniting Central and Southwest Florida to protect water and wildlife*

## Why Hurricanes like Hurricane Ian are Becoming More and More Destructive



Hurricanes are massive storm systems that derive their energy from warm ocean waters. As the Earth's climate warms due to the accumulation of greenhouse gases, such as carbon dioxide, the oceans absorb more heat. This increased ocean heat provides hurricanes with a greater source of energy, leading to more intense storms such as the devastating category 5 Hurricane Ian (pictured above). Below outlines why hurricanes are becoming more frequent, severe, and impactful in a warming world.



### A Note from our Executive Director

We have experienced unprecedented heat, record ocean temperatures, and extreme storm and rainfall events this past year - making it clear that climate changes are already underway here. These changes pose serious threats to public health, our environment, and our economy. Hurricane Ian was the third costliest disaster in US history, resulting in the loss of homes, jobs, and tragically, even significant loss of life.

In the immediate days after the storm, once communication was restored and CHNEP was able to confirm the safety of its staff, we promptly reached out to partners both inside and out of the affected area. Despite some of our staff being unhoused by the event, they worked



**Increased Intensity:** Warmer ocean temperatures result in higher evaporation rates, providing hurricanes with more moisture to fuel their development. This leads to the potential for stronger and more powerful hurricanes, capable of causing greater damage to coastal areas.

**Higher Storm Surges:** Rising sea levels caused by the melting of glaciers and thermal expansion of seawater exacerbate the impact of storm surges during hurricanes. Elevated sea levels allow storm surges to penetrate farther inland, flooding coastal communities and causing significant damage to infrastructure.

**Altered Storm Tracks:** Climate change can influence the paths that hurricanes take. While Florida has always been a hurricane-prone region due to its geographical location, warmer ocean temperatures can affect the steering currents that guide hurricanes. This could lead to changes in the tracks of hurricanes, potentially exposing different areas of the state to higher risks.

Understanding how and why these storms are becoming more severe helps us to take actions to try to lessen those drivers and mitigate their impacts. For more information on Hurricane Ian, go to <https://www.chnep.org/hurricane-ian>.

to organize coordination calls, obtain sampling supplies and donors for lab testing, and went out on boats to help collect samples. This allowed us to inform local leaders about the water quality conditions of the waters that people were needing to wade into for recovery efforts. We created a Hurricane Ian page on our website, as well as organized a federal interagency recovery team to come directly meet with local natural resource managers and elected leaders.

Our recovery work has only begun, as we kick off dozens of projects this year that aim to both inventory climate change vulnerabilities in our region and to address them.

Thank you to all who are working to make our region more resilient,

*Jennifer Hecker*

Climate change not only affects hurricanes but also disrupts traditional rainfall patterns in Florida, which affects our water supply, flood protection, waterbodies, wetlands and other natural areas that we enjoy swimming, boating, hiking, and fishing in.

- **Extreme Rainfall:** Warmer temperatures can lead to increased evaporation rates, which in turn can result in more moisture being available in the atmosphere. This excess moisture coupled with faster precipitation rates is leading to heavier or even extreme rainfall amounts, increasing the potential for flooding in both urban and rural areas.
- **Drought and Water Scarcity:** Paradoxically, while some areas experience heavier rainfall, others may face drought conditions due to changing atmospheric circulation patterns. These shifts can disrupt water supply systems, impact agriculture, and threaten the availability of freshwater resources.
- **Ecosystem Impact:** Altered rainfall patterns can disrupt delicate ecosystems, such as wetlands and marshes, which play a crucial role in flood mitigation and provide habitat for various species. Excessive rainfall can lead to soil erosion and nutrient runoff, altering water quality and the health of aquatic ecosystems.





## Strengthening Our Collective Water and Wildlife Stewardship

Every three years, the Coastal & Heartland National Estuary Partnership hosts a Watershed Summit centered around how to better protect and restore our region's water and wildlife habitat. On June 21 & 22, 2023, scientists, natural resource managers, and the public came together to discuss recent research, restoration, and environmental issues in Central and Southwest Florida. Most notably were recent natural resource impacts from Hurricane Ian.

Dylan Yakich with the Fish and Wildlife Research Institute, shared data on the rising impact of marine pollution on the endangered smalltooth sawfish in the Aquatic Habitat Research panel. Ball-bungee cords that secure boat lift covers have come off and dropped into the water by the hundreds during large storm events such as Hurricane Ian. Biologists have found several sawfish with these wrapped around the base of their mouths, creating wounds and inhibiting their ability to eat and survive. Underwater clean-ups and safer alternatives for ball-bungee cords will be needed to reduce sawfish injuries and deaths.



Environmental Education in Schoolyards). TREES uses schoolyard learning time to teach students how to collect and analyze data.

Mr. Jon Dinges, on behalf of the City of Winter Haven, presented on achieving watershed resiliency through a "One Water" approach in the Hydrology panel. The idea of "One Water" is to manage all water resources collectively in a way that positively impacts communities and the environment. The City of Winter Haven's plan involves restoring 500 acres of historic wetlands, recharging the aquifer, upgrading operations to generate more reclaimed water, and reusing water more efficiently. The plan can be an example for other growing communities in the future.

The final session was devoted to Hurricane Ian Impacts. Ms. Stephanie Erickson, Estero Bay Aquatic Preserve Manager, presented long-term trends and hurricane impacts on colonial wading and diving bird nesting on the islands in Estero Bay. Several mangrove rookery islands that are deemed Critical Wildlife Areas suffered moderate to severe impacts from Hurricane Ian, including a loss of nesting habitat from defoliation

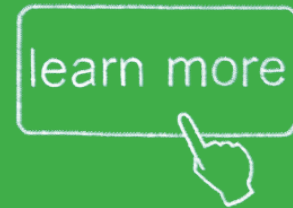


Dr. Chris Anastasiou with the Southwest Florida Water Management District briefed participants during the Water Quality panel on the relatively sudden shift from seagrass to macroalgae seen in recent years following major red tide events. He explained that the seagrass loss and macroalgal proliferation was likely not a direct result of red tide, but rather a result of its aftermath in which massive amounts of nutrients were released from the dead and decaying organisms killed by the red tide – dubbing it “the hangover effect”.

In the Public Engagement panel, participants learned about several programs and opportunities to get students and the public involved in efforts to protect Florida’s natural resources. FGCU Environmental Education Coordinator Regina Bale introduced a new curriculum called TREES (Teaching Resiliency through

and breaking of mangroves, as well as from marine debris. Fortunately, colonial wading and diving bird nesting actually remained stable, even increasing in some rookery islands in Estero Bay in 2023.

Participants left this year’s event more inspired and informed. CHNEP will be hosting the next Watershed Summit in 2026.



To watch Watershed Summit presentations, go to:  
<https://www.chnep.org/2023-watershed-summit>







## 2023 Southwest Florida Climate Summit



### **Illuminating Climate Science and Solutions**

On March 15 & 16, 2023, experts, local leaders, and the public came together to hear and discuss the latest climate change science as it pertains to Central and Southwest Florida. Opening remarks were offered by Senator Marco Rubio, Florida's Chief Resiliency Officer Dr. Wesley Brooks, and Assistant Secretary Shannon Esternoz from the US Department of the Interior. The two-day event featured leading scientists from agencies such as the Lawrence Berkeley National Laboratory (LBNL), US Geological Survey (USGS), South Florida Water Management District (SFWMD), University of Florida, and many more, presenting the latest research and participating in interactive question and answer sessions with the audience.

Climate science is rapidly evolving and expanding in our region. Dr. John Stamm from the USGS provided some surprising information. With higher heat, there is usually higher evaporation from open water sources like the Gulf of Mexico and evapotranspiration from plants when they release moisture through their leaves. However, evapotranspiration data analyzed by Dr. Stamm showed that it is not increasing yet, despite temperatures and evaporation rates

what would have otherwise occurred with these storms prior to the warming of the atmosphere. The researchers determined that climate change increased Hurricane Ian's precipitation by approximately 18%. This is a significant amount and explains the unprecedented level of inland flooding that flowed out to the coast and caused widespread devastation in flooding homes, roads, and even Interstate 75.

Dr. Carolina Maran of the SFWMD, who is leading the effort to drill into the details of rainfall changes expected in our region, presented a recent analysis of rainfall data. This data focused on wet season averages and determined an upward trend. Also based on the District's modeling, rainfall is projected to increase in this region by another 20% in the next 50 years. Dr. Maran noted that rainfall is already becoming more variable as well, with extreme rainfall events resulting in wetter wet seasons and drier dry seasons. Since our region struggles to store and supply enough freshwater in the dry season for our communities and natural systems already, this poses additional challenges for water managers. In order to provide for an increasing population

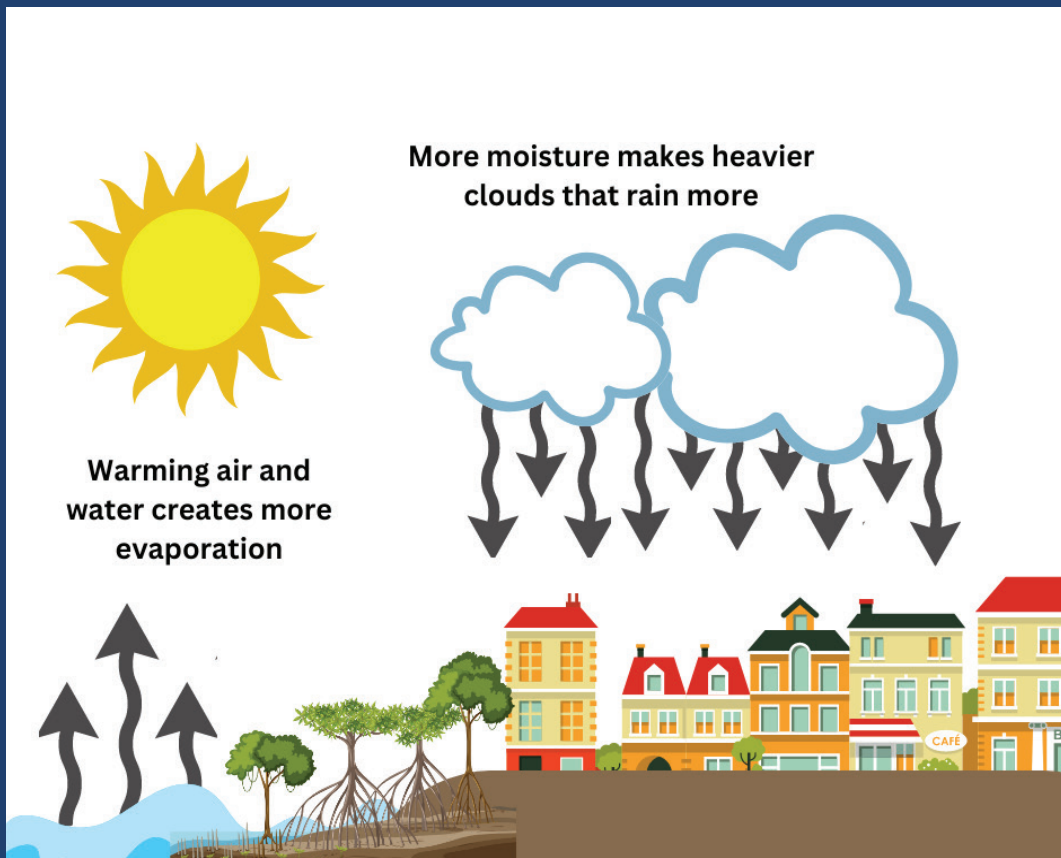


increasing. Based on the latest science, in spite of the higher temperatures, plants are adapting thus far to try to hold more moisture in their leaves. They are doing this by their pores in their leaves getting smaller (called stomata). It is important for natural resource professionals to understand how climate change will affect environmental lands and vegetation so they can manage them properly to prevent wetlands and other areas from going dry and lessen potential wildfires and other impacts.

In a presentation by Dr. Michael Wehner from the LBNL, attendees heard how climate change is contributing to more extreme rainfall events. The Laboratory has been focusing on larger storms and hurricanes around the country and determining exactly how much additional rainfall occurred as a result of climate change, versus

and for the changing environment, there will need to be more water storage projects, upgraded stormwater systems with more capacity, and more hydrological restoration to keep our wetlands, rivers, and estuaries healthy.

These are just a sample of the important presentations at this year's event, which also covered impacts to our economy, food supply, and cultural resources, as well as current federal/state/local resiliency efforts. Because of continued climate science advances and the need to build more climate collaboration and action in our region, the CHNEP will continue to organize and hold the Southwest Florida Climate Summit annually as an event open to the public. We hope you will join us at next year's Summit!



To watch Climate Summit presentations, go to:  
<https://www.chnep.org/climate-summit>

*Save the Date!*

2024 Southwest Florida Climate Summit  
February 28 & 29, 2024  
Charlotte Harbor Event & Conference Center  
Punta Gorda, FL







Cypress Trees | Lillys Benavides



# June 2024



Sunday      Monday      Tuesday      Wednesday      Thursday      Friday      Saturday



Left: Leopard Frog at Highlands Hammock State Park  
*Colin Lewis*

Middle: Raccoon in Venice  
*Sarina Weiss*

Right: Black-Crowned Night Heron on Pine Island  
*Kathleen Colligan*

1 HURRICANE SEASON BEGINS

2      3      4      5      6      ● NEW MOON      7      8

9      10      11      12      13      14      ☾ FIRST QUARTER      15

16      17      18      19      JUNETEENTH NATIONAL INDEPENDENCE DAY      20      SUMMER SOLSTICE      21      ○ FULL MOON      22

23      24      25      26      27      28      ☾ LAST QUARTER      29

30





Young Alligator at Six Mile Cypress Slough Preserve | Elaine Weissborn



# July 2024



Sunday      Monday      Tuesday      Wednesday      Thursday      Friday      Saturday

**2025**  
CALENDAR IMAGE DEADLINE



visit [chnep.org](http://chnep.org)  
for details

1	2	3	4 INDEPENDENCE DAY	5 ● NEW MOON	6
7	8	9	10	11	12
13	14	15	16	17	18
19	20	21 ○ FULL MOON	22	23	24
25	26	27 ) LAST QUARTER	28	29	30
31					



Left: Marsh Rabbit at Harborwalk  
*Debra Peterson*

Right: Eastern Screech Owl in Punta Gorda  
*Cheryl McClure*





Juvenile Crested Caracara in the Morning Fog in Hardee County | *Art Nadelman*



# August 2024



Sunday    Monday    Tuesday    Wednesday    Thursday    Friday    Saturday



Left: Gopher Tortoise in Sanibel  
*Lee Martin*

Right: Doe and Fawn at Babcock Webb WMA  
*Josh Olive*

1    2    3

4    ● NEW MOON    5    6    7    8    9    10

11    12    ☾ FIRST QUARTER    13    14    15    16    17

18    19    ○ FULL MOON    20    21    22    23    24

25    26    ☽ LAST QUARTER    27    28    29    30    31





Dawn at Babcock Webb WMA in Punta Gorda | *Susan Smart*



# September 2024



Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
1 SHOREBIRD NESTING SEASON ENDS	2 ● NEW MOON LABOR DAY	3	4	5	6	7
8	9	10	11 ☾ FIRST QUARTER	12	13	14
15	16 NATIONAL ESTUARIES WEEK	17 ○ FULL MOON	18	19	20	21 INTERNATIONAL COASTAL CLEANUP DAY
22 AUTUMNAL EQUINOX	23	24 ☾ LAST QUARTER	25	26	27	28
29	30	 		<p>Left: Sandhill Crane Colt in Sarasota County <i>Sheri Nadelman</i></p> <p>Right: Red-Shouldered Hawk at Myakka River State Park <i>Susan Smart</i></p>		

BECOME A  
Citizen  
**Scientist**  
SIGN-UP AT CHNEP.ORG





Burrowing Owls in Cape Coral | Elaine Weissborn



# October 2024



Sunday      Monday      Tuesday      Wednesday      Thursday      Friday      Saturday



Left: Sunset  
at Dog Beach  
*Ryan Scofield*

1	2	3	4	5		
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

● NEW MOON

☾ FIRST QUARTER

☉ FULL MOON  
INTERNATIONAL  
SAWFISH DAY

☾ LAST QUARTER

SEA TURTLE NESTING  
SEASON ENDS

Left: Monarch  
and Milkweed at  
Lakes Park  
*Cindy Jones*





Evening Thunderstorm | *Steve Russell*



# November 2024



Sunday      Monday      Tuesday      Wednesday      Thursday      Friday      Saturday



Left: White Pelican at Lake Morton  
*Steven G. Richardson*

Right: Ghost Crab  
*Mark Proch*

1      ● NEW MOON      2

3      DAYLIGHT SAVING TIME ENDS

4

5

6

7

8

9      ☾ FIRST QUARTER

10

11      VETERANS DAY

12

13

14

15      ○ FULL MOON

16

17

18

19

20

21

22      ☾ LAST QUARTER

23

24

25

26

27

28      THANKSGIVING DAY

29

30      HURRICANE SEASON ENDS





Scarlet Tanager feeding on Mulberries, Lemon Creek Wildflower Preserve | *Eva Furner*



# December 2024



Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
1 ● NEW MOON	2	3	4	5	6	7
8 ☾ FIRST QUARTER	9	10	11	12	13	14
15 ○ FULL MOON	16	17	18	19	20	21 WINTER SOLSTICE
22 ☾ LAST QUARTER	23	24 CHRISTMAS EVE	25 CHRISTMAS DAY	26	27	28
29	30 ● NEW MOON	31				

Left: Painted Bunting  
John Courtney

Right: Scarlet Rosemallow at  
Charlotte Harbor Preserve  
State Park  
Leeza F. Fox



## Calendar Image Contributors

Names of those who submitted images within the CHNEP area include: Theresa Baldwin, Maryle Barbé, Zoe Bass, Al Begin, Liliby Benavides, Jenna Biggs, Denise Blough, Tim Brusoe, Fred Burson, Robert Campbell, Wallace Campbell, Chris Chandras, Sue Christensen, Kathleen Colligan, John Courtney, Jonathan Crossman, Cara Czecholinski, James Douglass, Jean-Louis Dumaine, William Evoy, Eileen Fonferko, Guy Fox, Leeza Fox, James Frye, Kay Frye, Eva Furner, Steven G. Richardson, Stan Glowacki, Stephen Griffin, Connie Griglin, Judy Heck, Michael Herms, Coco Hibbitts, Sally Hodgson, Susan Hoffman, Alison Horton, Ken Hubley, Jan Jackson, Nicole Jensen, Kimberlee Jolly, Cindy Jones, Julie Jones, Kenneth Jones, Pamela Jones-Morton, Robert Kraft, Bert Leon -Saunders, Colin Lewis, Ron Lindensmith, Mary Lundeberg, Steve Maple, Lee Martin, Stacey Mazza-Gilkison, Cheryl McClure, Priscilla McDaniel, Gary Mett, Robin Mett, Rob Mills, Christie Moreau, Linda Moreau, Barbara Morris, Art Nadelman, Sheri Nadelman, Josh Olive, Rhonda Paprocki, Edward Pelegrino, Jennifer Pelegrino, Justin Pelegrino, Debra Peterson, Anita Petruzzi-Ella, Mark Proch, Alberto Ramos, Amy Rea, James Redmond, Lisa Rogers, Geraldine Roy, Roger Roy, Steve Russell, Debi Scholtes, Robert Scholtes, Caroline Schwaner, Erin Schwaner, Ryan Scofield, Peyton Scudera, Susan Smart, Jeff Spence, Doreen Steinhauser, Herbert Taylor, Gerald Thompson, Sarah Vessey, Gary Walker, Lakshman Watawala, Sally Weigand, Sarina Weiss, Elaine Weissborn, Donna Whalen, Linda Wroble, and Marianne Wroble.

## CHNEP Donors

Donors who contributed \$50 or more in 2023 and whom are amenable to being acknowledged include the following: Marda Atkins, Stephanie Bayne, James Beever III, Sylvia S. Chatterton, Paulette Chernack, Jim Crilly, William Cyzewsk, Todd G. Dary, Gene L. Duncan, Gayle Edwards, Ed & Georgia Elms, Joseph Galipeo, Gloria Hansen, Judith Harvey, Dorothy Kenyon, Linda King, Carolyn Lawson, Jennifer Malinowski, Sheree Marlow, Vickie McCann, Hewitt B. McCloskey, JR., Shannon McGinnis, Nancy Mitchell, Judy & Arthur Moles, Monta J. Montgomery, Carolyn & Terry Perrone, Susan Sosbe, Yvonne Stevens, Sharon Taylor, Liza Van Horn, Ray & Marilyn Wagoner, Leslie Wander, M.S. Weisman, Dwight Whittaker, and Marilyn Wolf.

## CHNEP Volunteers

Thank you to those who volunteered in 2023 including: Craig Bossinas, Steve Bramlage, Tonya Bramlage, Scott Chaplen, Mike Evans, Linda Garvey, Hanna Grimm, Tim Grimm, Dianne Lomas, Patrick Maley, Susy Maley, Beth Ovsianik, Edward Pelegrino, Jennifer Pelegrino, Riley Scudera, Philip Stevens, Logan Stevens, Larry Stuhlmiller, Bonita Stuhlmiller, Sue Wills, Kevin Wills, Deb Woods, and Terry Woods.





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Return in enclosed pre-addressed envelope to the CHNEP.



Coastal & Heartland  
National Estuary Partnership

# 2025 CALENDAR

## JANUARY

SU	MO	TU	WE	TH	FR	SA
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

## FEBRUARY

SU	MO	TU	WE	TH	FR	SA
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	

## MARCH

SU	MO	TU	WE	TH	FR	SA
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

## APRIL

SU	MO	TU	WE	TH	FR	SA
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30			

## MAY

SU	MO	TU	WE	TH	FR	SA
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

## JUNE

SU	MO	TU	WE	TH	FR	SA
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30					

## JULY

SU	MO	TU	WE	TH	FR	SA
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

## AUGUST

SU	MO	TU	WE	TH	FR	SA
						1 2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

## SEPTEMBER

SU	MO	TU	WE	TH	FR	SA
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30			

## OCTOBER

SU	MO	TU	WE	TH	FR	SA
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

## NOVEMBER

SU	MO	TU	WE	TH	FR	SA
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30						

## DECEMBER

SU	MO	TU	WE	TH	FR	SA
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

## SUPPORT THE CHNEP

### WAYS TO DONATE

#### BY MAIL



Return the donation envelope to:

CHNEP

1050 Loveland Blvd  
Port Charlotte, FL 33980

#### ONLINE



[www.chnep.org](http://www.chnep.org)

Click on the donate button at the top of the web page.



**8**

new features added to the  
CHNEP Water Atlas

**300**

attendees and 27 presenters  
at the triennial Watershed  
Summit

**14,800+**

native plantings put in at  
restoration site in the Myakka  
River Basin

**2,000+**

second graders receiving  
environmental education at  
event in Polk County

**6,400+**

subscribers to CHNEP  
educational publications

**120**

attendees and 22 presenters at  
the 3rd Southwest Florida  
Climate Summit

**540**

CHNEP-funded water  
samples collected

**9,025**

pounds of trash collected from  
CHNEP-funded coastal water  
clean-ups

**2023 CHNEP BY THE NUMBERS**