



## Turtle Tracker (Current Year)

### Notifications

#### Welcome **2018 Florida Marine Turtle** Permit Holders!

Please check out all of the cool things you can do with the [Turtle Database](#).

We can customize the site to handle any and all of your turtle needs. [Please let us know](#) if you have any questions.



#### Add Activity

Choose this option to [Add a New Activity](#) (nest, false crawl, hatchling, nesting emergence). After the nest has been Verified, you can assign activities such as Depredations, Disorientations, Hatch/Drop, etc. Click here to [Name a Nest](#).



#### Find Nest

Choose this option to [Find and Modify Nests](#), and add Activities (such as Depredations, Disorientations, etc.) to an existing nest.

Activity ID Quick Find:  [Find](#)



#### Reports

Choose this option to [View Reports](#) for the Activity data.



#### Approve Activities

Choose this option to [Approve Turtle Activities](#) such as New Nests, False Crawls, etc. (Administrator only). Or, use the [Mass Approval](#) screen to quickly approve activities.




#### Mass Editor

Choose this option to view the [Mass Editor](#) to make changes to multiple activities.

# Designed by biologists, for turtle researchers

Data collection and presentation is designed to simplify and streamline turtle research.

- Access all of the most-commonly used functions directly from a user-based Home page.
- Specific functions only available to certain user roles.
- Custom-defined “Welcome” message, easily changed for “daily message” or notifications.
- Designed by Axe Inc Technologies
  - <http://www.axeinc.com>
  - (941) 359-1507

Sea Turtle Conservation & Research Program

[Register](#) [Log in](#) [Contact](#)

[Home](#) [Find](#) [Add](#)

User name

AndyR


Password

••••••


☐ Remember me

Log in

[Register](#) if you don't have an account.

  
LONGBOAT KEY TURTLE WATCH  
PASSION . PRODUCTION

The funding for hosting the database has been provided for two years by Longboat Key Turtle Watch. Longboat Key Turtle Watch partners with STRCP on Sea Turtle education and awareness to continue the support all are focused on relating to Sea Turtles.

  
AXE INC TECHNOLOGIES

The design and development for the Sea Turtle Database and interface has been provided by Axe Inc Technologies. Andy Rosebrock, of Axe Inc, is an active turtle patrol volunteer for over 10 years, and has partnered with STRCP to help improve data collection efficiency and accuracy.

# Login

Log into the site, and your assigned Roles are used to determine which data you have access to:

- Modify records
- Add records
- Modify data from previous years
- Administer data

| Activity Data           |       |         |          |           | Activity Data Log                            |
|-------------------------|-------|---------|----------|-----------|--|
| Date/Time               | Level | Type    | Activity | User Name | Message                                      |
| 1/17/2018<br>2:03:22 PM | Info  | General |          | AndyR     | Activity ID set to: 1/17 77S34 AMR           |
| 1/17/2018<br>2:03:22 PM | Info  | Add     |          | AndyR     | Added nest [2145].                           |
| 1/17/2018<br>2:03:25 PM | Info  | Update  |          | AndyR     | Confirmed ActivityID [1/17 77S34 AMR] = YES. |
| 1/17/2018<br>2:03:26 PM | Info  | General |          | AndyR     | Loaded NestID [2145].                        |
| 1/17/2018<br>2:03:36 PM | Info  | Update  |          | AndyR     | Modified nest [2145].                        |
| 1/17/2018<br>2:03:36 PM | Info  | General |          | AndyR     | Loaded NestID [2145].                        |
| 1/17/2018<br>2:03:45 PM | Info  | General |          | AndyR     | Loaded NestID [2145].                        |
| 1/17/2018<br>2:03:56 PM | Info  | General |          | AndyR     | Loaded NestID [2145].                        |
| 1/17/2018<br>2:05:41 PM | Info  | Add     | Tag      | AndyR     | Added Tag [13].                              |
| 1/17/2018<br>2:10:16 PM | Info  | General |          | AndyR     | Loaded NestID [2145].                        |

# Activity log

See everything that has ever happened, for each Activity:

- Every time the data changes
- Every time the Activity is loaded
- Date/Time and User Name logged with each entry

# Administration

## User Settings

Year  
Current Year

Save User Settings

## Global (Site) Settings

Notification Message (appears on Home page)

Font Arial

Size 1

**Welcome 2018 Florida Marine Turtle Permit Holders!**

Please check out all of the cool things you can do with the **Turtle Database**.

We can customize the site to handle any and all of your turtle needs. [Please let us know](#) if you have any questions.

Save Global Settings

## Administration

-Select-

Go

Define how the site will function for your users:

- Each user can be configured to only view data for a specific year, current year, or all years.
- Define “Welcome” message the all users will see on the Home page.
- Admin functions
  - Manage Users and Roles
  - Create Users
  - Manage Addresses
  - Manage FDEP Projects
  - Manage Uploads
  - Manage Turtles
  - Manage Tags
  - Approve All Activities


# Fool-proof your data!

The screenshot shows a web form titled "Turtle Tracker: Add Nest Activity (Current Year)" for the "Sea Turtle Conservation & Research Program". The form is divided into several sections:

- Header:** Includes a logo, the program name, and user navigation links: "Hello, AndyR", "Log off", "Contact", "Home", "Find", and "Add".
- Activity ID Lookup:** A search bar with the text "Enter full Activity ID to Find" and a "Lookup" button.
- Form Fields:**
  - Date Observed: \* 2/1/2018
  - Day of Week: Thursday
  - Observer: \* Andy Rosebrock [AndyR] (dropdown)
  - Secondary Observer(s): (empty dropdown)
  - Activity Type: \* Adult - Nest (dropdown)
  - Species: \* Loggerhead (dropdown)
  - Nest Name: (empty text field)
  - Address Lookup: (empty dropdown)
  - Key: \* (Select) (dropdown)
  - Zone: \* (dropdown)
  - FDEP Monument North: \* (dropdown)
  - Mobi-Mat? \* No (dropdown)
  - Latitude: 27.\* (text field)
  - Longitude: -82.\* (text field)
  - Activity in correct location? \* (Select) (dropdown)
  - Comments: (text area)
- Activity Data Details:** A section with a "Details" tab and a "Save Activity" button.
  - Enter the Secondary Observer(s), if any exist (text, max length: 200) (text field)
  - FDEP Project Name: None (dropdown)
  - Verified By: (Select) (dropdown)
  - Initial Surface to Eggs (cm): Not Collected (dropdown)
  - Activity Location: \* (Select) (dropdown)
  - Mean High Water (ft): \* (Select) (dropdown)
  - Upland Barrier (ft): \* (Select) (dropdown)
  - Is nest/FC apex directly seaward of coastal armoring? \* (Select) (dropdown)
  - Triangulation Measurement B: (text field)
  - Triangulation Measurement A: (text field)
  - Triangulation Measurement C: (text field)
  - Eggs Broken by Verifier: \* 0 (dropdown)
  - Eggs from this nest broken by this turtle: \* 0 (dropdown)
  - Daytime Nester? \* No (dropdown)

Add all of the activity associated data from a single page:

- Add Nests, False Crawls, Unmarked Nests, etc.
- Different data-collection based on the selected Activity Type (i.e.: different fields are collected based on the Type and other selections).
- Validation process ensures that all of the data being saved to the database is valid.
- User defined required fields.
- User selections are all data-driven (choices defined in the database).
- Streamlined data (i.e.: available Zone selections based on selected Key, FDEP based on Zone, etc.)


Sea Turtle Conservation & Research Program

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Turtle Tracker: Add Nest Activity (Current Year)

Activity ID Lookup: 
Lookup

Last Modified: 1/17/2018 1:56:53 PM  
 Activity ID: 1/17 7816SAND AMR  
 Status: **ACTIVE**  
 Date Observed: \* 1/17/2018  
 Day of Week: Wednesday  
 Observer: \* Andy Rosebrock [AndyR]  
 Secondary Observer(s):  
 Activity Type: \* Adult - Nest  
 Species: \* Green  
 Nest Name:


Key: \* Siesta Key  
 Zone: \* 5A  
 FDEP Monument North: \* 66  
 Address: \* 7816 SAND  
 Condo/Hotel:  
 Mobi-Mat? \* No  
 Latitude: 27.\* 23657  
 Longitude: -82.\* 52715  
[View map for accuracy](#)  
 Activity in correct location? \* Yes  
 Comments: Turtle crawled ~60feet along esc to lower esc to crawl up. X mark on rock 5.4' landward of nest. GPS accurate to 21 ft  
 Approved By: Andy Rosebrock

Days since Observed 15  
 FDEP Project Siesta 2018  
 Wednesday sample

To access other parts of the datasheet (Obstruction, Depredation, etc.), please first click 'Save Activity'. After the record has been saved, you will be able to add additional information to this Activity.

Activity Data
 

Map



Save Activity GPS
 Hide Legend

Refresh Map

# Activity Map

Quickly view the Activity's geolocation (using the entered latitude and longitude):

- Admin-defined FDEP and Address markers are also displayed
- Drag/Drop the Activity icon, and click "Save Activity GPS" to update the latitude and longitude (useful to visually verify the Activity is in the correct location).



# Activity Data

Collect all associated data for the current Activity on a single page:

- Multiple (one-to-many) associations
  - Obstructions
  - Relocations
  - Depredations
  - Cages/Screens
  - Fire Ants
  - Water Damages
  - Human Damages
  - Drops and/or Hatches
  - Disorientations
  - Samples
  - Uploads
  - Damage to Other Nests
- Single (one-to-one) associations
  - Activity Details
  - Excavations
  - Tags

The image displays a complex web application interface for managing turtle activity data. It features several overlapping forms, each representing a different type of activity:

- Excavation Form:** Includes fields for 'Approved By' (Not approved), 'Excavation Date' (03/13/2018), and various measurements like '# of days since Date Observed' (55 days), 'Final Surface to Eggs (cm)' (10), 'Surface to Bottom (cm)' (11), 'Cavity Width (cm)' (18), 'Live in Nest' (3), 'Dead in Nest' (1), 'Hatched Shells' (42), 'Unhatched Eggs' (7), 'Live Pipped' (0), 'Dead Pipped' (Not Collected), and 'Destroyed by Roots (Encased)' (Not Available).
- Depredation Form:** Includes 'Approved By' (Andy Rosebrock [AndyR]), 'Depredation Date' (01/31/2018), 'Observer' (Andy Rosebrock [AndyR]), 'Type of Depredation' (True depredation - incubating), 'Predator' (Domestic dog), 'All Eggs Destroyed?' (No), 'Number of Eggs Destroyed' (20), 'Did you put a screen or cage on this nest?' (Yes), and a 'Comments' field.
- Relocation Form:** Includes 'Approved By' (Not approved), 'Relocation Date' (1/31/2018), 'Relocator' (Andy Rosebrock [AndyR]), 'Reason' ((Select)), 'Relocated to the Same Address?' ((Select)), 'Write-In Address', 'Relocation Latitude' (27), 'Relocation Longitude' (-82), 'Number of Eggs Moved' ((Select)), 'Eggs Remaining at Original Nest Site?' (No), 'Number of Eggs Broken' ((Select)), 'Surface to Eggs (cm)' ((Select)), 'Surface to Bottom (cm)' ((Select)), 'Cavity Width (cm)' ((Select)), 'Relocated Upland Barrier (ft)' ((Select)), 'Relocated Triangulation Measurement B', 'Relocated Triangulation Measurement A', 'Relocated Triangulation Measurement C', and 'Comments'.
- Tag Form:** Includes 'Approved By' (Not approved), 'Next Turtle Numbers' (2018002 and (remigrant) 368), 'Turtle Number' (367), 'Turtle Name (read only)' (Andy Loggerhead), 'Species (read only)' (Loggerhead), 'Tag Date' (1/16/2018), 'Observer' (Andy Rosebrock [AndyR]), 'Secondary Observer(s)', and 'Time On'.
- Obstruction Form:** Includes 'Approved By' (Andy Rosebrock [AndyR]), 'Obstruction Date' (01/17/2018), 'Observer' (Andy Rosebrock [AndyR]), 'Type' (Escarpment), 'Escarpment Type' (Vertical), 'Escarpment Height (ft)' (6), 'Esc. Length Over 100 Ft.' (No), 'Escarpment Length (ft)' (12), 'Crawled Over' (Yes), and 'Comments'.

Each form has a 'Save' button and a 'Clear' button. The 'Obstruction Form' also has a 'Delete' button. The 'Relocation Form' has a 'Save Relocation' button. The 'Tag Form' has a 'Save Tag' button. The 'Excavation Form' has a 'Save Excavation' button.



Sea Turtle Conservation & Research Program

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Year: (196 records)  
Copy to Year:

2017  
(Select)

Key:  
(Select)

Assign Project:  
Assign Project

Siesta Key  
(Select)

Zone:  
(Select)

| Year                                | Key  | Zone     | DNR        | Address  | Address Full | City/State/Zip | Hotel Name                 | Project              | Latitude          | Longitude | Cleaned   | Order         |       |
|-------------------------------------|------|----------|------------|----------|--------------|----------------|----------------------------|----------------------|-------------------|-----------|-----------|---------------|-------|
| <input checked="" type="checkbox"/> | 2017 | (Select) | (Select)   | (Select) |              |                |                            | (Select)             |                   |           | No        | 0             |       |
| All                                 | Year | Key      | Zone       | DNR      | Address      | Address Full   | City/State/Zip             | Hotel Name           | Project           | Latitude  | Longitude | Beach Cleaned | Order |
| <input checked="" type="checkbox"/> |      |          |            |          |              |                |                            |                      |                   |           |           |               |       |
| <input checked="" type="checkbox"/> |      | 2017     | Siesta Key | WHISP    | 45           | 22 SCR         |                            | Sandy Cove           | None              | 27.27968  | -82.56988 | No            | 323   |
| <input checked="" type="checkbox"/> |      | 2017     | Siesta Key | WHISP    | 45           | HOOK           |                            | Sandy Hook           | None              | 27.27968  | -82.56988 | No            | 324   |
| <input checked="" type="checkbox"/> |      | 2017     | Siesta Key | WHISP    | 45           | WHISP          |                            | Whispering Sands     | None              | 27.27968  | -82.56988 | No            | 325   |
| <input checked="" type="checkbox"/> |      | 2017     | Siesta Key | 1        | 46           | 63 AVME        |                            |                      | Project 2016 Lido | 27.27726  | -82.56867 | No            | 327   |
| <input checked="" type="checkbox"/> |      | 2017     | Siesta Key | 1        | 46           | 45-47 BR       | 45 Beach Rd Sarasota, F... | No Hotel             | Siesta 2017       | 27.27726  | -82.56867 | Yes           | 328   |
| <input checked="" type="checkbox"/> |      | 2017     | Siesta Key | 1        | 46           | 49-51 BR       |                            |                      | None              | 27.27726  | -82.56867 | No            | 329   |
| <input checked="" type="checkbox"/> |      | 2017     | Siesta Key | 1        | 46           | 53-55 BR       |                            |                      | None              | 27.27726  | -82.56867 | No            | 330   |
| <input checked="" type="checkbox"/> |      | 2017     | Siesta Key | 1        | 46           | 65 BR          |                            |                      | None              | 27.27726  | -82.56867 | No            | 331   |
| <input checked="" type="checkbox"/> |      | 2017     | Siesta Key | 1        | 46           | 77 BR          |                            |                      | None              | 27.27726  | -82.56867 | No            | 332   |
| <input checked="" type="checkbox"/> |      | 2017     | Siesta Key | 1        | 46           | 89 BR          |                            |                      | None              | 27.27726  | -82.56867 | No            | 333   |
| <input checked="" type="checkbox"/> |      | 2017     | Siesta Key | 1        | 47           | 99 BR          |                            |                      | None              | 27.27484  | -82.56767 | No            | 334   |
| <input checked="" type="checkbox"/> |      | 2017     | Siesta Key | 1        | 47           | BEACH AC...    |                            |                      | None              | 27.27484  | -82.56767 | No            | 335   |
| <input checked="" type="checkbox"/> |      | 2017     | Siesta Key | 1        | 47           | 104-106 BR     |                            | Waters Edge          | None              | 27.27484  | -82.56767 | No            | 336   |
| <input checked="" type="checkbox"/> |      | 2017     | Siesta Key | 1        | 47           | 108 BR         |                            | Sandbox on the Be... | None              | 27.27484  | -82.56767 | No            | 337   |
| <input checked="" type="checkbox"/> |      | 2017     | Siesta Key | 1        | 47           | 118 BR         |                            | Siesta Sands Apts    | None              | 27.27484  | -82.56767 | No            | 338   |
| <input checked="" type="checkbox"/> |      | 2017     | Siesta Key | 1        | 47           | 136 BR         |                            |                      | None              | 27.27484  | -82.56767 | No            | 339   |
| <input checked="" type="checkbox"/> |      | 2017     | Siesta Key | 1        | 47           | 152 BR         |                            |                      | None              | 27.27484  | -82.56767 | No            | 340   |

# Manage addresses

Define all addresses (including latitude and longitude) for your area:

- Each address can be defined for a specific year, or all years.
- Easily copy previous annual addresses to another year.
- Addresses defined here displayed as a special icon on the various map screens.
- Addresses are defined for a specific Key, Zone, and FDEP. Only the addresses defined for a specific FDEP and year are displayed for selection during Activity entry.





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Year: (14 records)
2017

| Year   | Project Name | Description                   | Monday                              | Tuesday                             | Wednesday                           | Thursday                            | Friday                              | Saturday                            | Sunday                              |
|--|--------------|-------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|
| 2018   |              |                               | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            |
| Year   | Project      | Description                   | Monday                              | Tuesday                             | Wednesday                           | Thursday                            | Friday                              | Saturday                            | Sunday                              |
| X    | 2017         | Venice Nourishment 2017       | Venice Nourishment 021111217-005-JC | <input type="checkbox"/>            | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| X    | 2017         | Venice Reference 2017         | Venice Reference 021111217-005-JC   | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| X    | 2017         | Lido Nourishment 2017         | Lido Nourishment 0270032-001-JC     | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| X    | 2017         | Lido Reference 2017           | Lido Reference 0270032-001-JC       | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| X    | 2017         | South Siesta Nourishment 2017 | SSK Nourishment 0240984-004-JC      | <input type="checkbox"/>            | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| X    | 2017         | South Siesta Reference 2017   | SSK Reference 0240984-004-JC        | <input type="checkbox"/>            | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| X    | 2017         | PAG Nourishment 2017          | PAG Nourishment                     | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| X    | 2017         | PAG/LBK Pass Nourishment 2017 | PAG/LBK Pass Nourishment            | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| X    | 2017         | LBK Pass Nourishment 2017     | LBK Pass Nourishment                | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| X   | 2017         | Longboat Reference 2017       | LBK Reference - ALL                 | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| X  | 2017         | Longboat Reference 2017       | LBK reference - W/S                 | <input type="checkbox"/>            | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| X  | 2017         | Truck Haul Nourishment 2017   | Truck Haul Nourishment              | <input type="checkbox"/>            | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |

# Manage projects

Define all Projects in your area, on an annual basis:

- Projects can be defined for specific days only (Monday – Sunday).


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Turtle Tracker: Manage Tags

Turtle Name:

Next turtle numbers (neophyte) 2018002 and (remigrant) 368.

Turtle Number:
Find:

Displaying 2 records.

| Activity ID                     | Date      | Turtle # | Turtle Name | Species    | LFF OLD | LFF NEW | RFF OLD | RFF NEW | PIT Tag Old | PIT Tag New | Comments |
|---------------------------------|-----------|----------|-------------|------------|---------|---------|---------|---------|-------------|-------------|----------|
| <a href="#">5/27 450533 AMR</a> | 7/27/2016 | 2016001  | AndyTurtle  | Loggerhead |         |         |         |         |             | 135235      | test     |
| <a href="#">4/26 610534 AMR</a> | 4/25/2017 | 2016001  | AndyTurtle  | Loggerhead |         |         |         |         |             |             |          |

# Manage Tags

Easily display all Activities associated with a specific, tagged turtle:

- Collect important data for all of your Tagging Events.
- Tag records can be added/associated to Activities.
- Refine searches to display specifically the Activities you are looking for.

Activity Data

Tag

Approved By:

Not approved

Next Turtle Numbers:

Next turtle numbers (neophyte) 2018002 and (remigrant) 368

Turtle Number:

\* 367

Turtle Name (read only):

Andy Loggerhead

Species (read only):

Loggerhead

Tag Date:

\* 1/16/2018

Observer:

\* Andy Rosebrock [AndyR]

Secondary Observer(s):

Time On:

Time Off:

Nest?

\* Yes

Verified?

\* Yes

Beach:

\* Casey Key

County:

\* Sarasota

Latitude:

\* 27 32152

Longitude:

\* -82.58754

Checked for Flipper Tags?

\* No

LFF New:

LFF Old:

RFF New:

RFF Old:

Tag Scars:

\* None

Scanned for PIT?

\* No

PIT Found?

(Select)

PIT Tag New:

PIT Tag Old:

PIT Location:

(Select)

SAT Tag Applied/Recovered?

\* No SAT Tag

Straight Carapace Length (N/N):

Straight Carapace Length (N/T):

Straight Carapace Width:

Curved Carapace Length (N/N):

Curved Carapace Length (N/T):

Curved Carapace Width:

Tide:

\* Incoming

Surf Conditions:

\* Calm

Moon Phase:

\* Full

Activity when First Observed:

\* Covering

Nest Location:


\* At Structure

Describe Structure:

\* Rock

Lighting Present?

\* No

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Turtle Tracker: Turtles

Find by Turtle Name:

Find by Turtle Number:

Leatherface

2015001

Next Turtle Numbers:

Turtle Number:

Turtle Name:

Species:

Next turtle numbers (neophyte) 2018002 and (remigrant) 368

2015001

Leatherface

Leatherback

Save Turtle

Clear

# Manage Turtles

Assign each tagged turtle with a unique Turtle Number:

- The Turtle Number is used to track all Activities associated with the defined turtle.

# Manage Users

Manage all Users, and what they have access to:

- Assign Users to Roles
  - Admins
    - Administrators can manage all records for all years, as well as modify the admin-level data (Addresses, Projects, Turtles, etc.)
- Interns
  - Interns can add and modify Activities for the current year. They can view prior Activities, but cannot make any modifications – nor can they modify records that have been approved by an Admin.
- Volunteers
  - Volunteers can only view activities.
- Test Account
  - Users assigned to the Test Account Role can add and modify records (like an Intern), but the records are flagged as “test”, and are not included in searches, reports, etc. This Role is helpful for training users on the new system.
- Enable, disable, and remove specific Users.

|           |                                       |   |                |                                       |   |                         |
|-----------|---------------------------------------|---|----------------|---------------------------------------|---|-------------------------|
| Username: | <input type="text" value="-Select-"/> | ▼ | Role:          | <input type="text" value="-Select-"/> | ▼ | <b>Assign to Role</b>   |
| Username: | <input type="text" value="AndyR"/>    | ▼ | Assigned Role: | <input type="text" value="Admins"/>   | ▼ | <b>Remove from Role</b> |
| Username: | <input type="text" value="-Select-"/> | ▼ |                |                                       |   | <b>Remove User</b>      |
| Username: | <input type="text" value="-Select-"/> | ▼ | Enabled?:      | <input type="text" value="Yes"/>      | ▼ | <b>Activate User</b>    |
| Role:     | <input type="text"/>                  |   |                |                                       |   | <b>Create Role</b>      |

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## Turtle Tracker: Mass Approve Activities

Activity Type:  Monitored:  Key:  Zone:

Start Date:  End Date:  Search:  Top 200

Displaying 7 records (3 selected).

| Activity ID   | Date       | Activity Type       | Why Monitored    | Key          | Zone | Lat      |
|---|------------|---------------------|------------------|--------------|------|----------|
| <input type="checkbox"/> 1/17 7816SAND AMR                | 01/17/2018 | Adult - Nest        | Wednesday sam... | Siesta Key   | 5A   | 27.23657 |
| <input checked="" type="checkbox"/> 1/17 88534 AMR        | 01/17/2018 | Adult - Nest        | Wednesday sa...  | Lido Key     | 1    | 27.32... |
| <input type="checkbox"/> 1/31 33532 KAR FC                | 01/31/2018 | Adult - False Crawl | Wednesday sam... | Lido Key     | 1    | 27.24250 |
| <input checked="" type="checkbox"/> 1/31 540-548BR VOO FC | 01/31/2018 | Adult - False Crawl | Wednesday sam... | Siesta Key   | 2    | 27.5488  |
| <input checked="" type="checkbox"/> 1/31 2425GMD KAR      | 01/31/2018 | Adult - Nest        | Wednesday sam... | Longboat Key | 1    | 27.54585 |

Approved By:

Nest @ Lat 27.32152 Long -82.58754

Map Satellite

Google

Map data ©2018 Terms of Use

Nest Reloc Other FDEP Ad

Verified By

**Tag (not approved)**

Date: 01/16/2018

Observer: Andy Rosebrock

Secondary Observer(s):

Turtle Number: 367

Turtle Name: Andy Loggerhead

Species: Loggerhead

Time On:

Time Off:


RFF Old:

DEC Name:

# Approve activities

Administrators can easily approve Activities:

- Once an Activity has been approved, it cannot be modified (except by Admins).
- Search for a specific subset of unapproved Activities (i.e.: a specific Key, Zone, or Date-Range).
- Quickly see all details for each Activity, including map/location and all associated data.
- Approve multiple Activities with a single action with "Approve All Selected".



# Sea Turtle Conservation & Research Program

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Home   Find   Add

## Turtle Tracker: Add Nest Activity (Current Year)

Activity ID Lookup:

Lookup

|                        |   |
|------------------------|---|
| Last Modified:         | 1/17/2018 1:56:53 PM  |
| Activity ID:           | 1/17 7816SAND AMR   |
| Status:                | <span style="color: green;">ACTIVE</span>                     |
| Date Observed:         | * 1/17/2018   |
| Day of Week:           | Wednesday   |
| Observer:              | * Andy Rosebrock [AndyR] <span style="float: right;">▼</span> |
| Secondary Observer(s): |   |
| Activity Type:         | * Adult - Nest <span style="float: right;">▼</span>           |
| Species:               | * Green <span style="float: right;">▼</span>                  |
| Nest Name:             |   |

|                      |   |
|----------------------|---|
| Key:                 | * Siesta Key <span style="float: right;">▼</span> |
| Zone:                | * 5A <span style="float: right;">▼</span>         |
| FDEP Monument North: | * 66 <span style="float: right;">▼</span>         |
| Address:             | * 7816 SAND <span style="float: right;">▼</span>  |
| Condo/Hotel:         |   |
| Mobi-Mat?            | * No <span style="float: right;">▼</span>         |
| Latitude:            | 27.* 23657  |
| Longitude:           | -82.* 52715                                       |

[View map for accuracy](#)

|                               |  |
|-------------------------------|--|
| Activity in correct location? | * Yes <span style="float: right;">▼</span> |
|-------------------------------|--|

Comments:

Turtle crawled ~60feet along esc to lower esc to crawl up. X mark on rock 5.4' landward of nest. GPS accurate to 21 ft

Approved By:

Andy Rosebrock ▼

**i** To access other parts of the datasheet (Obstruction, Depredation, etc.), please first click 'Save Activity'. After the record has been saved, you will be able to add additional information to this Activity.

| Activity Data  | Details <span style="float: right;">▼</span> |
|--|--|
| FDEP Project Name: Siesta 2018 <span style="float: right;">▼</span>                              |  |
| Verified By: On Date Laid (Patroller) <span style="float: right;">▼</span>                       |  |
| Initial Surface to Eggs (cm): 40 <span style="float: right;">▼</span>                            |  |
| Activity Location: * Open Beach <span style="float: right;">▼</span>                             |  |
| Mean High Water (ft): * 50 <span style="float: right;">▼</span>                                  |  |
| Upland Barrier (ft): * 2 <span style="float: right;">▼</span>                                    |  |
| Is nest/FC apex directly seaward of coastal armoring? * Yes <span style="float: right;">▼</span> |  |
| Is the nest/FC less than 3ft from armoring? * Yes <span style="float: right;">▼</span>           |  |
| Type of Armoring: * Lifeguard Stand <span style="float: right;">▼</span>                         |  |
| Triangulation Measurement B: 17 <span style="float: right;">▼</span>                             |  |
| Triangulation Measurement A: 20 <span style="float: right;">▼</span>                             |  |
| Triangulation Measurement C: 44 <span style="float: right;">▼</span>                             |  |
| Eggs Broken by Verifier: * 0 <span style="float: right;">▼</span>                                |  |
| Eggs from this nest broken by this turtle: * 0 <span style="float: right;">▼</span>              |  |
| Daytime Nester? * No <span style="float: right;">▼</span>  |  |

Save Activity
Cancel

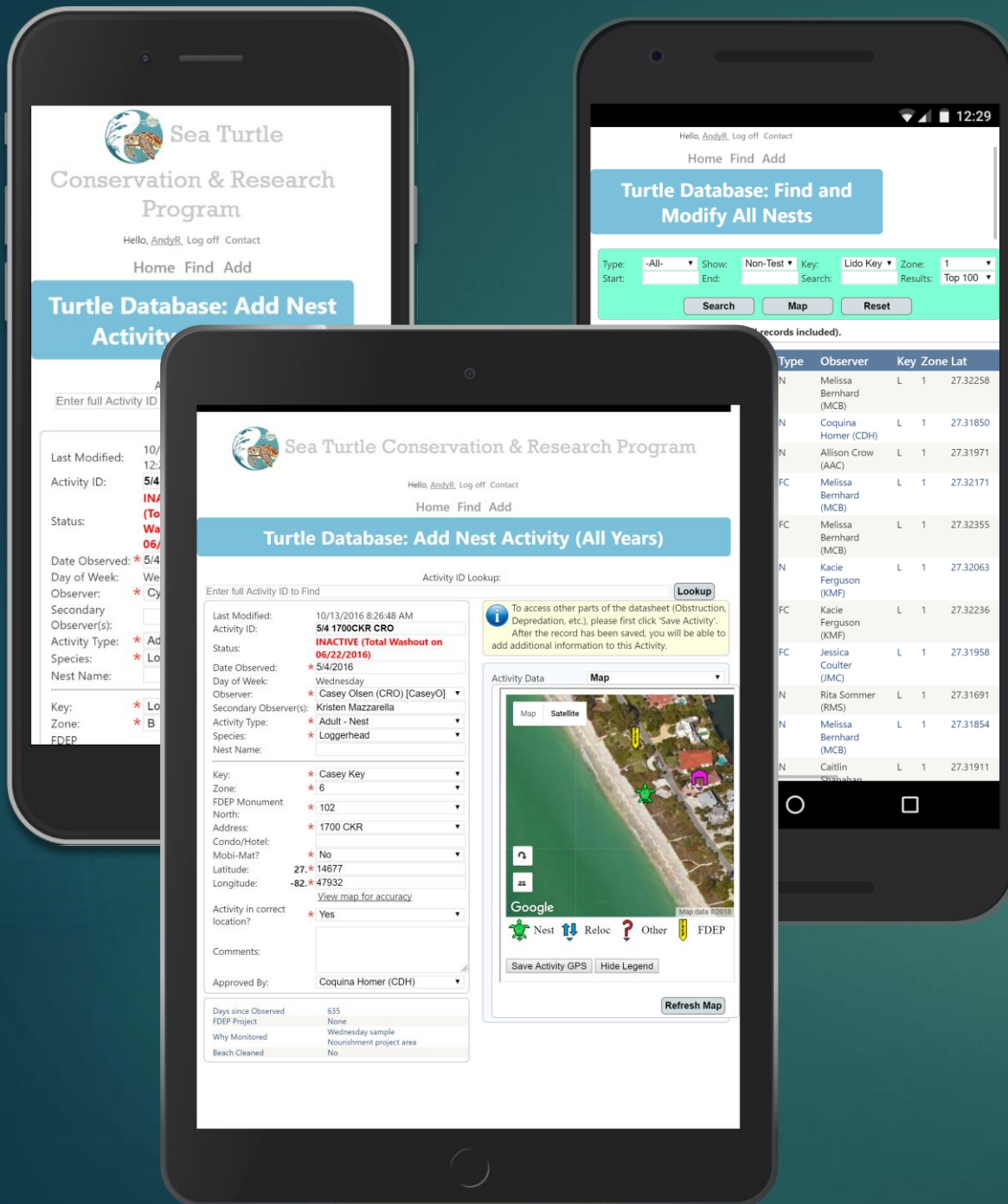
|                        |                                      |
|------------------------|--------------------------------------|
| Days since Observed    | 15                                   |
| FDEP Project           | Siesta 2018                          |
| Why Monitored          | Wednesday sample                     |
|                        | Rare species                         |
|                        | Nourishment Project Area (Wednesday) |
| 5 Eggs Destroyed By    | 1/17 2425GMD AMR                     |
| Sample (NOT COLLECTED) | All Sample                           |
| Sample (NOT COLLECTED) | Rare Species: Green                  |
| Beach Cleaned          | No                                   |

# View and Modify Activities

View all associated data with any Activity on a single page:

- Using the “Activity Data” dropdown, you can select any of the defined data (Depredations, Drops/Hatches, Water Damages, etc.)
- View an embedded map using geolocation based on the entered latitude and longitude to see exactly where the Activity is located.
- The Info Panel (bottom left area) displays read-only data that is calculated “on-the-fly” for each Activity (Days Since Observed, Assigned Project, Samples Collected, etc.).
- Record “status” is automatically calculated each time any Activity is loaded (based on numerous factors – i.e. “Excavated” changes the status from “Active” to “Inactive”).





# Mobile Access

View and enter data directly from the field:

- Access all functionality and data with any mobile device (iPhone, iPad, Android, etc.)
- Lookup Activity details, enter new Activities, view reports, verify GPS coordinates – all from your mobile device.
- Mobile-friendly versions of the most-used pages

# Quickly Find Your Data

Simple, streamlined search page to quickly find the Activities you are looking for:

- Search for specific data:
  - Activity Type (Nest, False Crawl, etc.)
  - Key and/or Zone
  - Date Range
- Easily search for text in numerous fields with a single entry:
  - Activity ID
  - Observer
  - Key Name
  - Address
  - Hotel
  - Latitude/Longitude
  - Turtle Name/Number
  - Nest Name
- Display a map of all Activities matching your search.


Activity Type: Adult - Nes Show: Non-Test Key: Lido Key Zone: 1  
Start Date: 6/1/2017 End Date: 8/1/2017 Search: kathy Top 200 Search Map Reset

Found 6 matching records for search 'kathy'.

| Activity ID     | Date       | Activity Type | Observer                 | Key      | Zone | Lat      | Long     |
|-----------------|------------|---------------|--------------------------|----------|------|----------|----------|
| 6/30 527S31 KAK | 06/30/2017 | Adult - Nest  | Kathy Klingensmith (KAK) | Lido Key | 1    | 27.32450 | -82.5882 |
| 7/14 830S31 KAK | 07/14/2017 | Adult - Nest  | Kathy Klingensmith (KAK) | Lido Key | 1    | 27.32369 | -82.5882 |
| 7/14 997S31 KAK | 07/14/2017 | Adult - Nest  | Kathy Klingensmith (KAK) | Lido Key | 1    | 27.32324 | -82.5881 |
| 7/21 368S31 KAK | 07/21/2017 | Adult - Nest  | Kathy Klingensmith (KAK) | Lido Key | 1    | 27.32494 | -82.5882 |
| 7/25 847S31 KAK | 07/25/2017 | Adult - Nest  | Kathy Klingensmith (KAK) | Lido Key | 1    | 27.32366 | -82.5882 |
| 7/25 585S33 KAK | 07/25/2017 | Adult - Nest  | Kathy Klingensmith (KAK) | Lido Key | 1    | 27.31993 | -82.5867 |

Activity Type: Adult - Nes Show: Non-Test Key: Lido Key Zone: 1  
Start Date: 6/1/2017 End Date: 8/1/2017 Search: kathy Top 200 Search Map Reset

Found 6 matching records for search 'kathy'.



Map Satellite

Google

Imagery ©2018, DigitalGlobe, U.S. Geological Survey Terms of Use

Nest Reloc ? Other FDEP Addr



Awesome!

The record has been saved to the database.

Excellent! Let's keep going!



Oops!  
Something  
didn't go  
right!

Please select a valid number (0 to 200) for Initial Surface to Eggs.

OK, let's try that again!

# Validation

Automatically validate all data to ensure only accurate data is saved to your database:

- Popup messages let you know if a save was successful (passed validation) or unsuccessful (failed validation).
- Automatically display the “next step” based on the saved data.
- Prompt for confirmations when the user needs to verify data.



Awesome!

Since this was Verified by [Washout], you will now be taken to the [Water Damage] screen.

Excellent! Let's keep going!



We need to confirm something!

Activity ID set to [1/17 88S34 AMR] - does that look right to you?

Yep, that looks right!

Hmm, let me take another look.


Turtle Database: Daily Excavation Log

Date:
12/15/2017
Key:
-All-
Zone:
-All-
Status:
Excavate
View Report

Found 13 matching records for date '12/15/2017'.

| Activity ID   | Date       | Active | Type     | H/D Date | Project | Key      | Zone | DNR |
|---------------|------------|--------|----------|----------|---------|----------|------|-----|
| 2/1 55S30 AMR | 02/01/2017 | 1      | Excavate |          | None    | Lido Key | 1    | 30  |

|                   |            |   |          |  |           |          |   |    |
|-------------------|------------|---|----------|--|-----------|----------|---|----|
| 4/26 610S34 AMR   | 04/26/2017 | 1 | Excavate |  | Lido 2017 | Lido Key | 1 | 24 |
| 6/28 1027NCKR AMR | 0          |   |          |  |           |          |   |    |
| 6/28 18FD AMR     | 0          |   |          |  |           |          |   |    |
| 6/28 BCCS AMR     | 0          |   |          |  |           |          |   |    |
| 6/4 144S30 AMR    | 0          |   |          |  |           |          |   |    |
| 6/4 524BR AMR     | 0          |   |          |  |           |          |   |    |
| 6/7 1027NCKR AMR  | 0          |   |          |  |           |          |   |    |
| 6/7 158STCD AMR   | 0          |   |          |  |           |          |   |    |
| 6/7 257S34 AMR    | 0          |   |          |  |           |          |   |    |
| 6/7 BCCS AMR      | 0          |   |          |  |           |          |   |    |
| 7/19 TAG AMR      | 0          |   |          |  |           |          |   |    |



Sea Turtle Conservation & Research Program

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Turtle Database: Inventory Report

Year:
2017
Key:
Siesta Key
Zone:
-All-

Activity Type:
-All-
Refresh Report

1
of 1
Find
Next

| Year | Key        | Zone  | Activity Type       | Activity Count/ID | Latitude | Is Active |
|------|------------|-------|---------------------|-------------------|----------|-----------|
| 2017 | Siesta Key | WHISP | Total               | 99                |          |           |
|      |            | 1     | Adult - False Crawl | 52                |          |           |
|      |            |       | Adult - Nest        | 7/12 212TENA EJB  | 27.26992 | No        |
|      |            |       |                     | 6/29 5400OCAN TWZ | 27.27041 | No        |
|      |            |       |                     | 7052              | No       |           |
|      |            |       |                     | 7057              | No       |           |
|      |            |       |                     | 7166              | No       |           |
|      |            |       |                     | 7179              | No       |           |
|      |            |       |                     | 7380              | No       |           |
|      |            |       |                     | 7381              | No       |           |
|      |            |       |                     | 7402              | No       |           |
|      |            |       |                     | 7407              | No       |           |
|      |            |       |                     | 7422              | No       |           |
|      |            |       |                     | 7434              | No       |           |
|      |            |       |                     | 7444              | No       |           |



Sea Turtle Conservation & Research Program

Hello, AndyR
Log off
Contact

Home
Find
Add

Turtle Database: Weekly Summary Report

Week Number:
22
6/3/2018 to 6/9/2018
Number Years:
5
Refresh Report

1
of 1
Find
Next

| Year | Total | Key Name     | Cc Nests | Cc FCs | Cm Nests | Cm FCs | Other Nests | Other FCs | Total Nests | Total FCs |
|------|-------|--------------|----------|--------|----------|--------|-------------|-----------|-------------|-----------|
| 2018 |       | Longboat Key | 0        | 0      | 0        | 0      | 0           | 0         | 0           | 0         |
|      |       | Lido Key     | 0        | 0      | 0        | 0      | 0           | 0         | 0           | 0         |
|      |       | Siesta Key   | 0        | 0      | 0        | 0      | 0           | 0         | 0           | 0         |
|      |       | Casey Key    | 0        | 0      | 0        | 0      | 0           | 0         | 0           | 0         |
|      |       | Venice       | 0        | 0      | 0        | 0      | 0           | 0         | 0           | 0         |
|      |       | Totals:      | 0        | 0      | 0        | 0      | 0           | 0         | 0           | 0         |
| 2017 |       | Longboat Key | 108      | 96     | 1        | 0      | 0           | 0         | 109         | 96        |
|      |       | Lido Key     | 5        | 12     | 0        | 0      | 0           | 0         | 5           | 12        |
|      |       | Siesta Key   | 57       | 50     | 0        | 0      | 0           | 0         | 57          | 50        |
|      |       | Casey Key    | 180      | 206    | 0        | 0      | 0           | 0         | 180         | 206       |
|      |       | Venice       | 44       | 43     | 0        | 0      | 0           | 0         | 44          | 43        |
|      |       | Totals:      | 394      | 407    | 1        | 0      | 0           | 0         | 395         | 407       |
| 2016 |       | Longboat Key | 49       | 31     | 0        | 0      | 0           | 0         | 49          | 31        |
|      |       | Lido Key     | 8        | 4      | 0        | 0      | 0           | 0         | 8           | 4         |
|      |       | Siesta Key   | 27       | 50     | 0        | 0      | 0           | 0         | 27          | 50        |
|      |       | Casey Key    | 104      | 72     | 0        | 0      | 0           | 0         | 104         | 72        |
|      |       | Venice       | 22       | 17     | 0        | 0      | 0           | 0         | 22          | 17        |
|      |       | Totals:      | 210      | 174    | 0        | 0      | 0           | 0         | 210         | 174       |

# Reports

Quickly generate, print, and export reports for your data:

- Monitored Report

  - This report shows the Activity Count for each Year, Key, Zone, and Activity Type - and includes sub-counts for those activities that are Monitored.
- Inventory Report

  - This report shows the Activity Count for each Year, Key, Zone, and Activity Type. You are able to drill down to the specific Activity, and sort by any of the columns (including Latitude). The status for each activity is also displayed. You can click on an Activity to view the associated record data.
- Zone Inventory Report

  - This report shows active Activities for the selected Year, Key, Zone, and Activity Type. The results also include if the address is Beach Cleaned, as well as the Verified Type, and Triangulation A and B measurements.
- Daily Excavation Log

  - This report shows which activities are due to be excavated for the following day, based on Observed and Hatch Dates.
- Weekly Summary

  - This report shows the weekly totals for each Key, Species, and Activity Type. You may select multiple years for comparison.





## Turtle Tracker: Mass Editor

Activity Type:  Monitored:  Key:  Zone:   
Start Date:  End Date:  Search:  Top 200

Displaying 8 records.

|                                     | Activity ID           | Date       | Activity Type       | Observer           | Key          | Zone | Lat      |
|-------------------------------------|-----------------------|------------|---------------------|--------------------|--------------|------|----------|
| <input checked="" type="checkbox"/> | 1/17 7816SAND AMR     | 01/17/2018 | Adult - Nest        | Andy Rosebrock     | Siesta Key   | 5A   | 27.23657 |
| <input type="checkbox"/>            | 1/17 2425GMD AMR      | 01/17/2018 | Adult - Nest        | Andy Rosebrock     | Longboat Key | 1    | 27.32256 |
| <input checked="" type="checkbox"/> | 1/17 88S34 AMR        | 01/17/2018 | Adult - Nest        | Andy Rosebrock     | Lido Key     | 1    | 27.22222 |
| <input type="checkbox"/>            | 1/31 33S32 KAR FC     | 01/31/2018 | Adult - False Crawl | Kim Rosebrock      | Lido Key     | 1    | 27.24250 |
| <input type="checkbox"/>            | 1/31 540-548BR VOO FC | 01/31/2018 | Adult - False Crawl | Volunteer Observer | Siesta Key   | 2    | 27.5488  |
| <input checked="" type="checkbox"/> | 1/31 2425GMD KAR      | 01/31/2018 | Adult - Nest        | Kim Rosebrock      | Longboat Key | 1    | 27.54585 |
| <input type="checkbox"/>            | 1/31 626NCKR AMR      | 01/31/2018 | Adult - Nest        | Andy Rosebrock     | Casey Key    | XN   | 27.58695 |
| <input type="checkbox"/>            | 1/31 TAG ADO          | 01/31/2018 | Unknown - Tag       | Admin Observer     | Venice       | 4    | 27.22222 |

Mass Editor Action:

|  |   |
|--|---|
| Water Damage Date:   | <input type="text" value="2/1/2018"/>                 |
| Observer:  | <input type="text" value="Andy Rosebrock (AndyR)"/>   |
| Type:  | <input type="text" value="Overwash"/>                 |
| Storm Name:  | <input type="text" value="Tropical Storm 2018"/>      |
| Comments:  | <input type="text" value="Mass add water damage..."/> |
| <input type="button" value="Apply Water Damage to Selected Records"/> <input type="button" value="Clear"/> |   |

# Mass editor

Quickly add data for multiple Activities:

- Water Damage (useful when a storm or hurricane affects numerous Activities).
- Drop/Hatch (useful near the end of the season when there are multiple drops/hatches each day).
- Inactivate (useful to inactivate multiple Activities due to washouts, etc.).

Activity Data

Summary

|                                 |   |
|---------------------------------|---|
| Crawled Over                    | Yes   |
| Comments                        |   |
| Verified By                     | Andy Rosebrock                                  |
|                                 | <b>Obstruction (not approved)</b>               |
| Date                            | 01/17/2018                                      |
| Observer                        | Andy Rosebrock                                  |
| Obstruction Type                | Beach Debris                                    |
| Other Write-In                  |   |
| Escarpment Height               | 0   |
| Escarpment Length Over 100 Feet |   |
| Escarpment Length               | 0   |
| Crawled Over                    |   |
| Comments                        | Intern added                                    |
| Verified By                     |   |
|                                 | <b>Relocation (approved by: Andy Rosebrock)</b> |
| Date                            | 01/17/2018                                      |
| Relocator                       | Andy Rosebrock                                  |
| Reason                          | Depredation                                     |
| Danger Write-In                 |   |
| Relocated to Same Address       | Yes   |
| Reloc. Write-In Address         | 555 Somewhere St.                               |

Print

# Summary

Quickly view all data associated with any Activity:

- All associated data (Depredations, Disorientations, Drops/Hatches, etc.) are displayed in chronological order.
- Easily see which data has been approved (green) and not approved (orange).
- Print all summary data for any Activity.





To access other parts of the datasheet (Obstruction, Depredation, etc.), please first click 'Save Activity'. After the record has been saved, you will be able to add additional information to this Activity.

Activity Data

Uploads

| Description                | Filename                            | Date Time                |
|----------------------------|-------------------------------------|--------------------------|
| Nest Form                  | 20144_2052BFD.jpg                   | 7/15/2017<br>11:56:29 AM |
| Photo I of Raccoon Tracks  | 20144_2052BFD Raccoon Tracks I.jpg  | 7/15/2017<br>11:56:59 AM |
| Photo II of Raccoon Tracks | 20144_2052BFD Raccoon Tracks II.jpg | 7/15/2017<br>11:57:15 AM |

Approved By: **Kristen Mazzarella**

Filename: 20144\_2052BFD Raccoon Tracks I.jpg

File Description: \*

Delete

Save Upload

Clear

# Uploads

Upload various file formats (pictures, PDFs, etc.) to associate with the current Activity:

- Uploaded files are stored on the server, and are viewable by all validated users.
- Click any upload to view the file directly from the browser.
- Easily see all uploads from the Manage Uploads administration page.