# Downloading Phytoplankton Data

## Phytoplankton Monitoring Network (PMN)

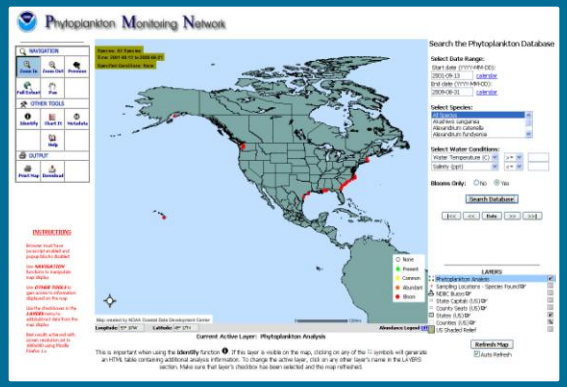
http://www.chbr.noaa.gov/pmn/

## PMN On-line Mapping Analysis

http://www.ncddc.noaa.gov/website/SEPMN/viewer.htm

Special thanks to Dave Brandes, TX Master Naturalist, for creating this presentation.

# Downloading Phytoplankton Data




Access over 8 years of volunteer data from the NOAA Phytoplankton Monitoring Network, the NH Great Bay Coast Watch Volunteer Program and the WA SoundToxins HAB Program.

The on-line Geographic Information System (GIS) mapping interface allows users to analyze phytoplankton abundances from around the network. Views can be refined by inputting specific timeframes, specific species, and/or specific water conditions such as water temperature or salinity. Data can be downloaded by individual sampling site or for the entire network for further investigation.

A special thanks goes to the NOAA Coastal Data Development Center (NCDDC) for developing , managing and trouble shooting the PMN database and on-line mapping interface.

If you have questions about downloading data, please contact the PMN at (843) 762-8657.

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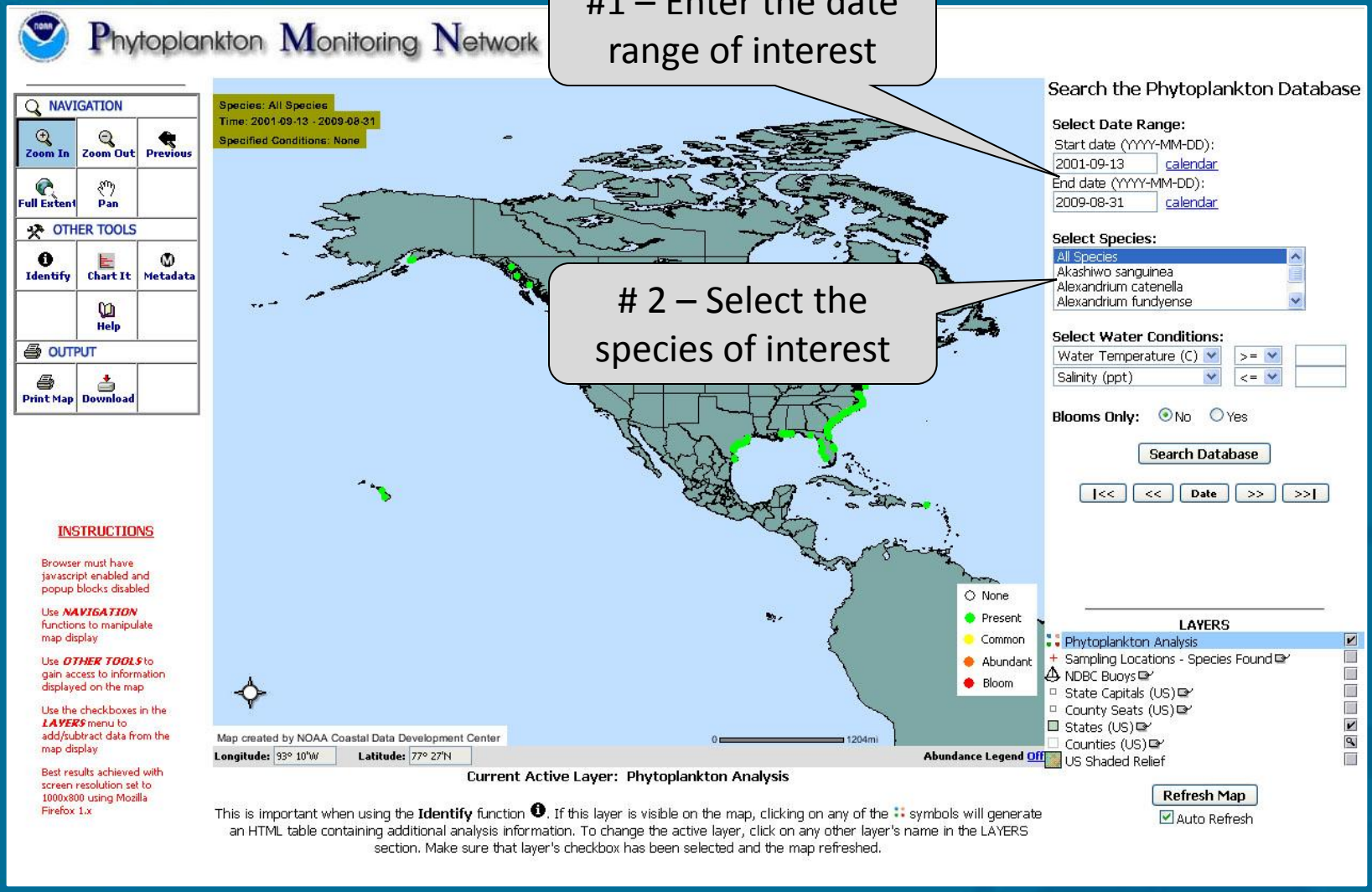
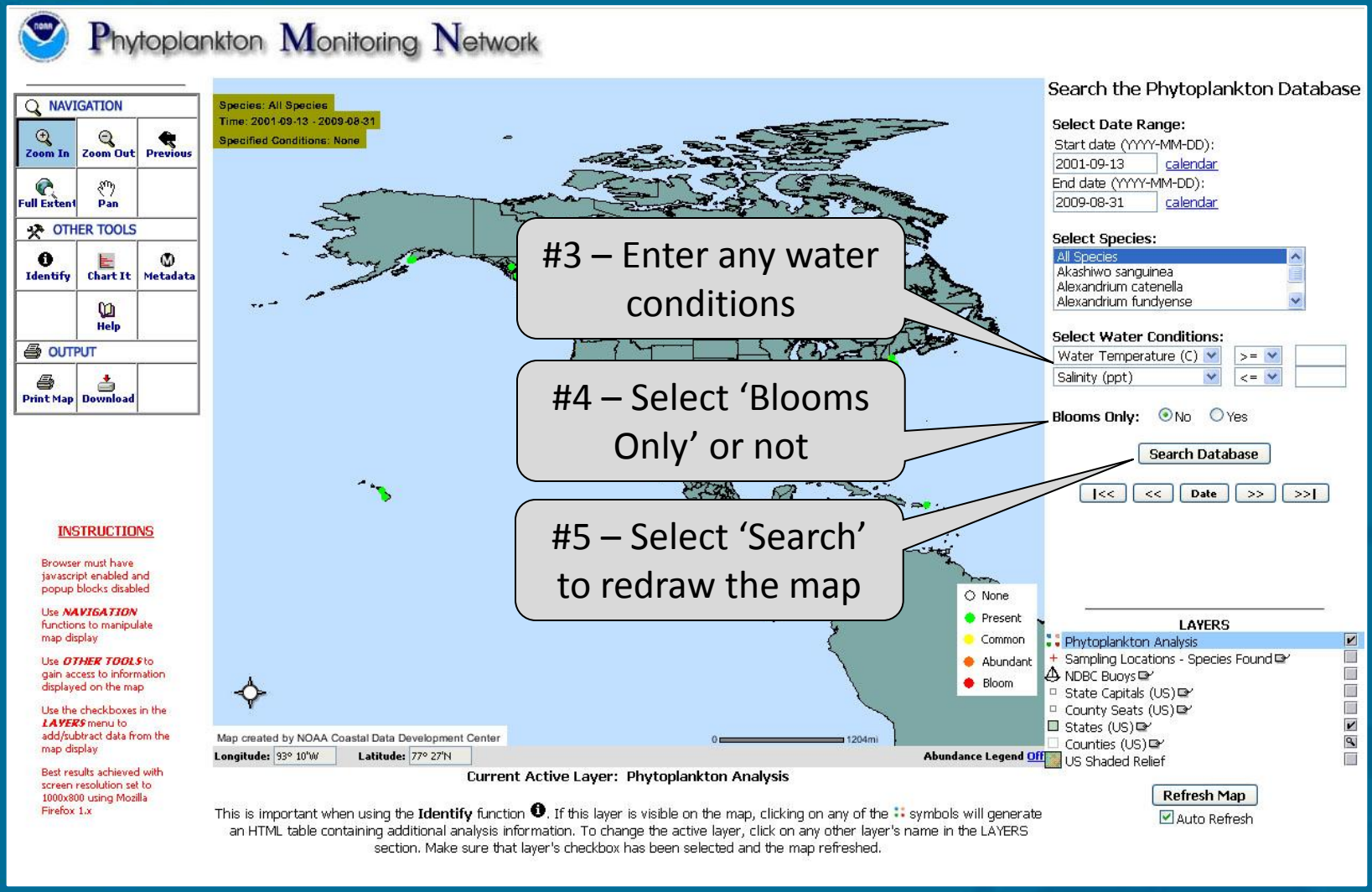
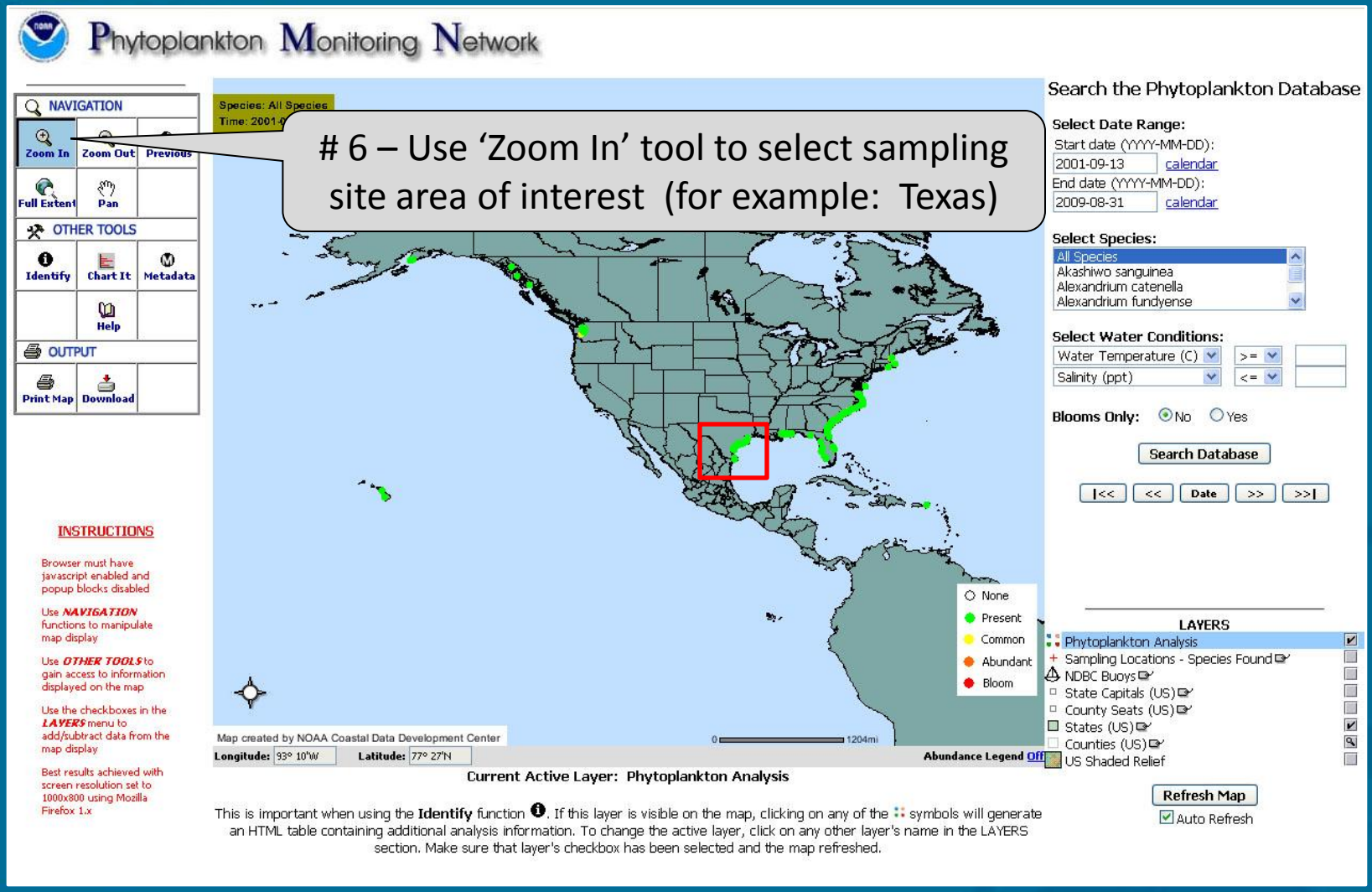


# Downloading Phytoplankton Data



# Downloading Phytoplankton Data



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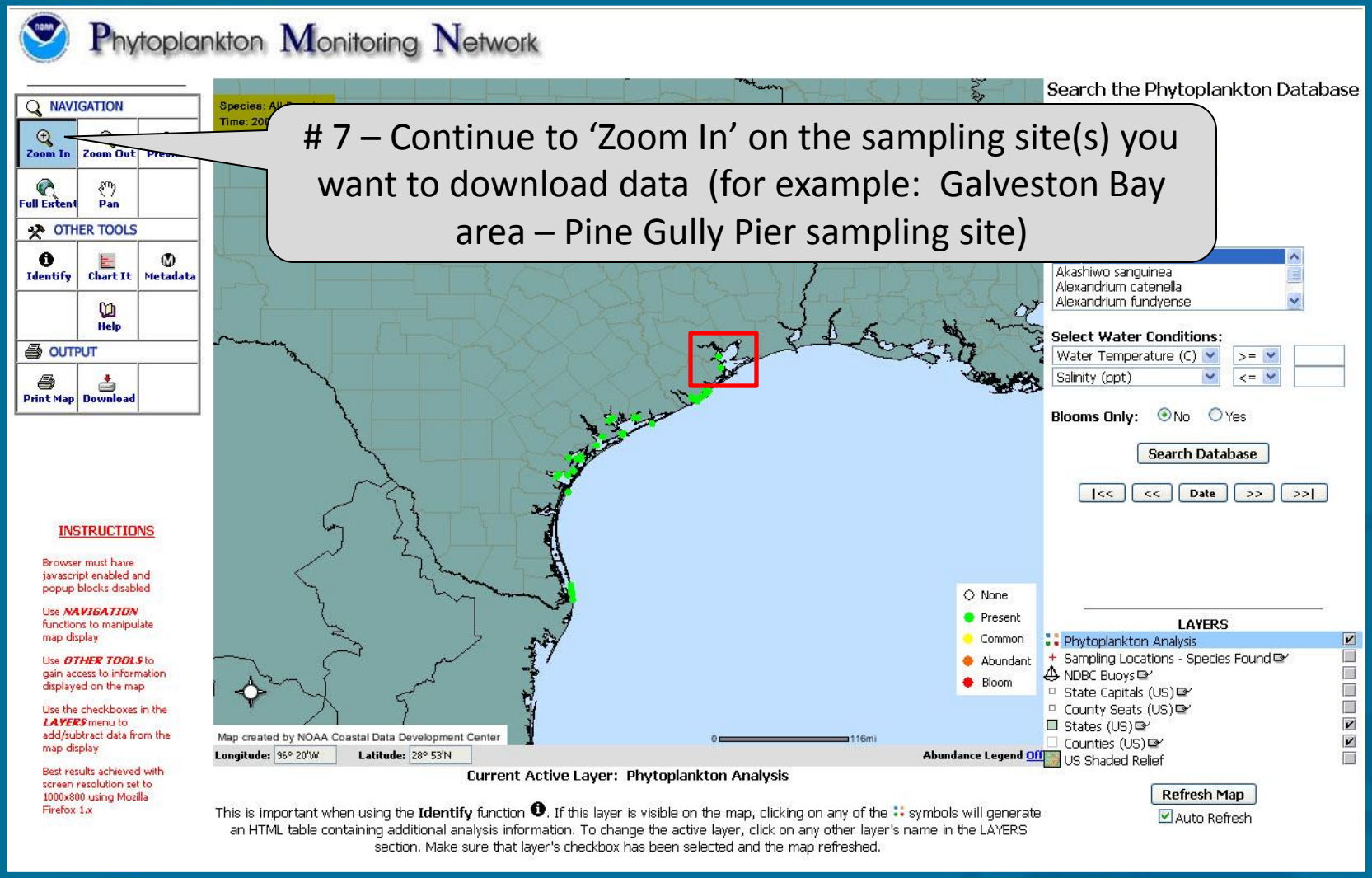
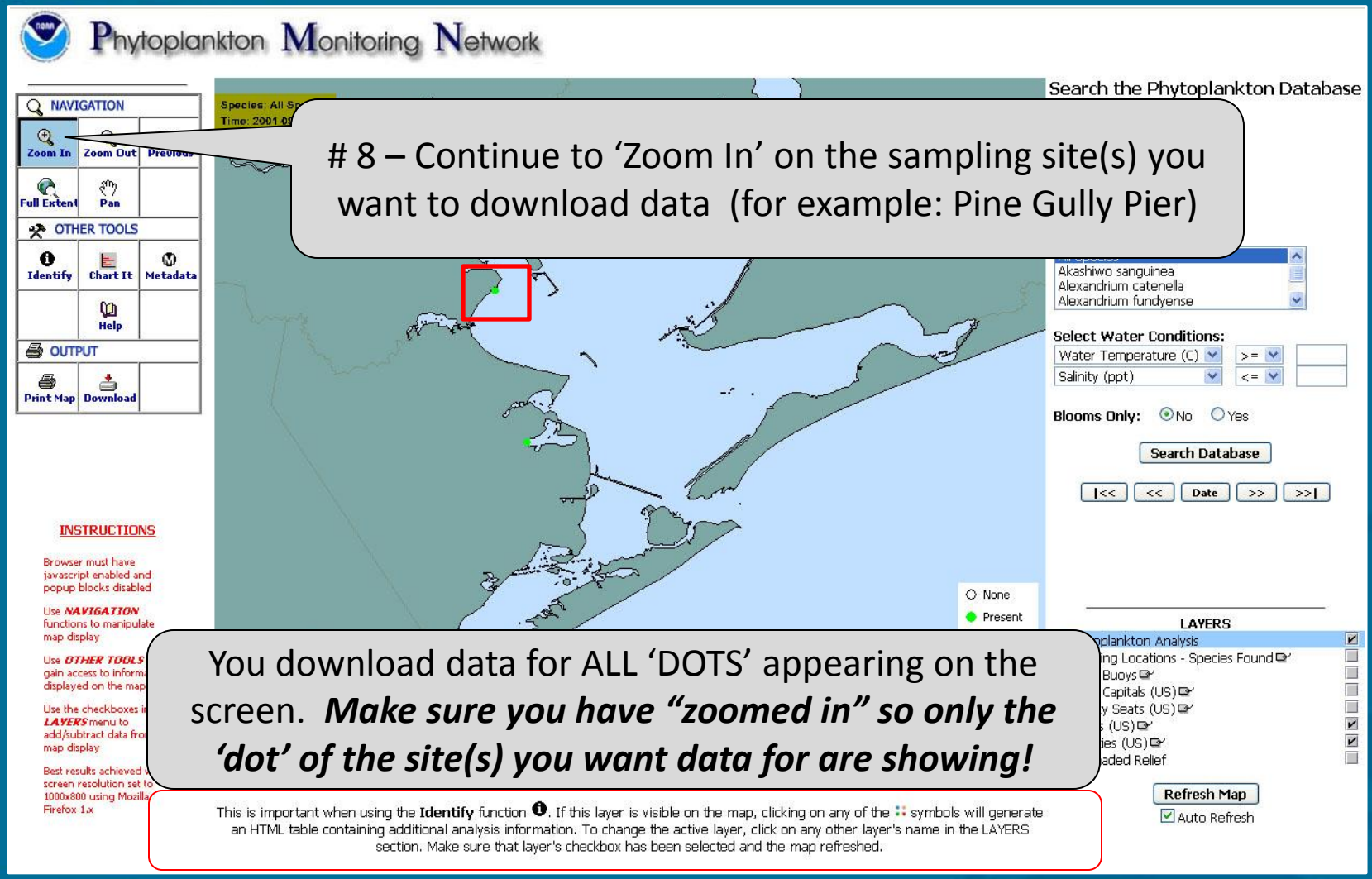


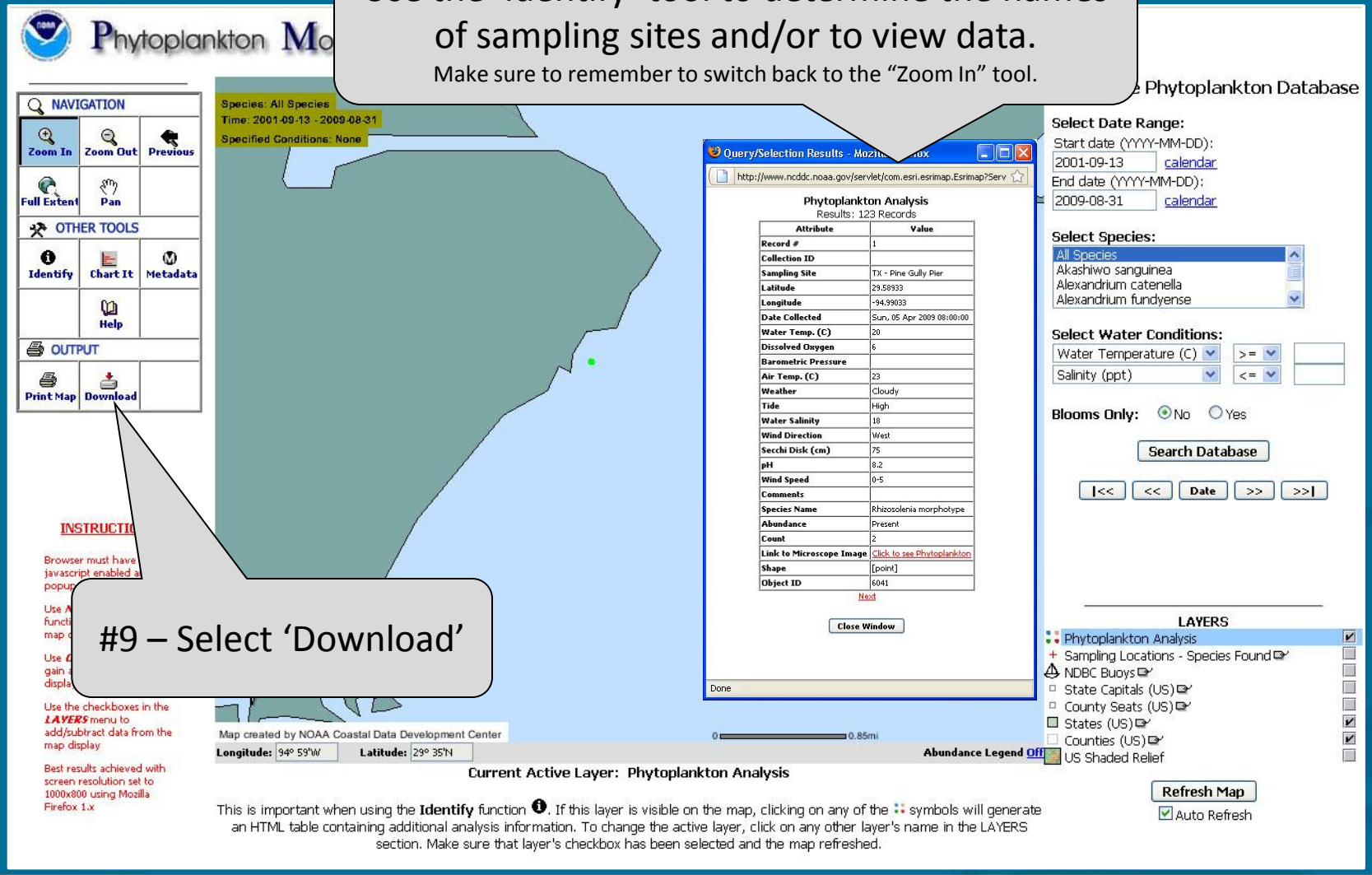
# Downloading Phytoplankton Data



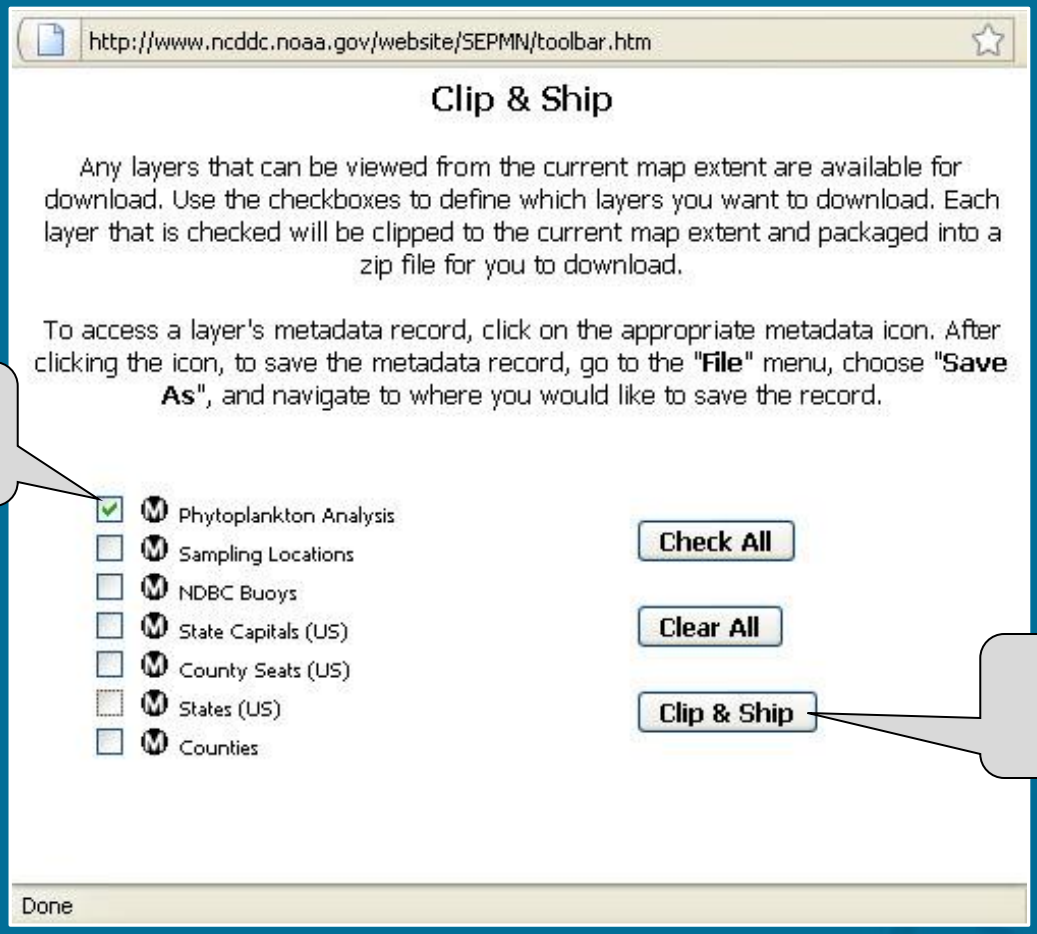

# 8 – Continue to 'Zoom In' on the sampling site(s) you want to download data (for example: Pine Gully Pier)

You download data for ALL 'DOTS' appearing on the screen. ***Make sure you have "zoomed in" so only the 'dot' of the site(s) you want data for are showing!***

# Downloading Phytoplankton Data



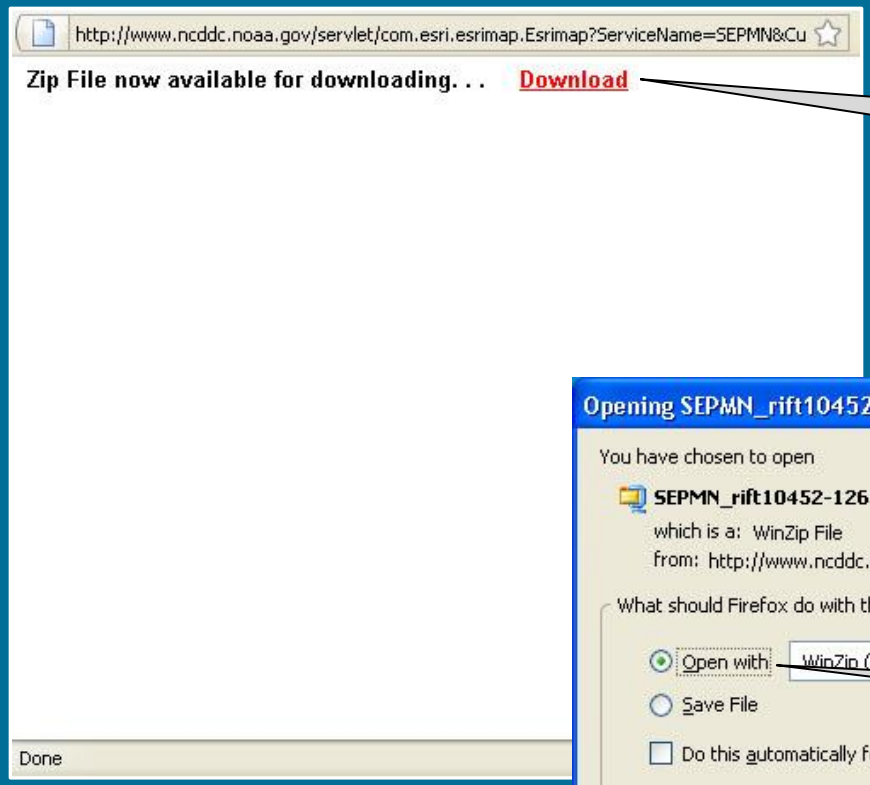
# Downloading Phytoplankton Data



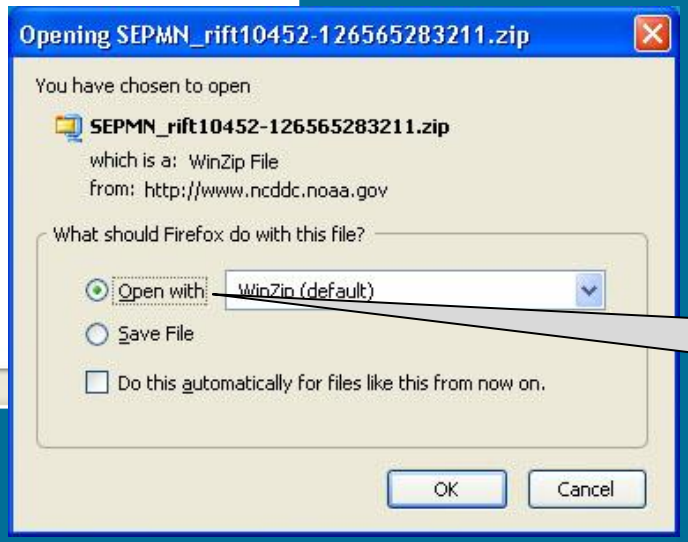

Select 'layers' of interest

#10 – Select 'Clip & Ship'

# Downloading Phytoplankton Data

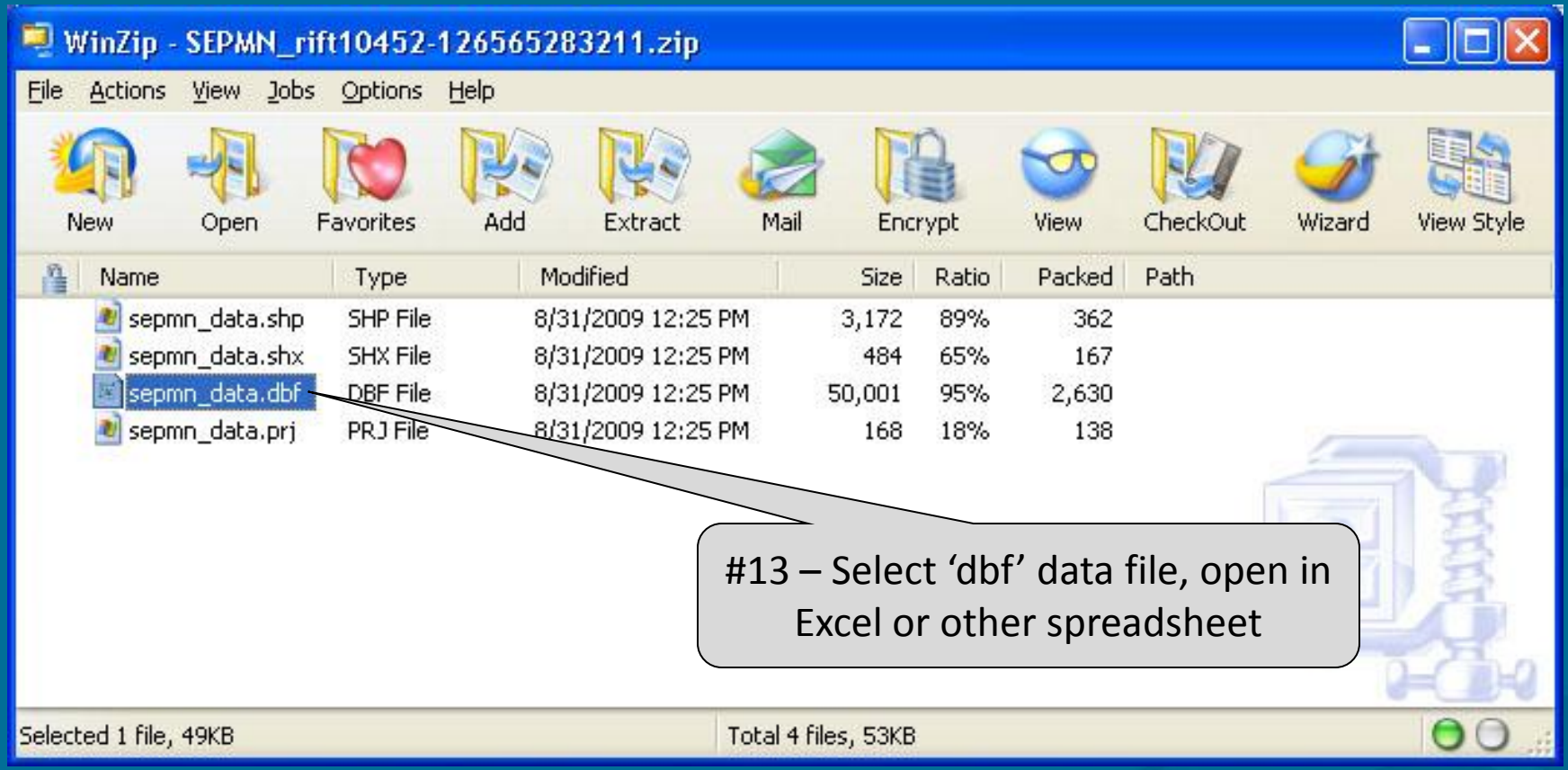



#11 – Select 'Download' to save the Zip file




#12 – Select 'Open with'

# Downloading Phytoplankton Data



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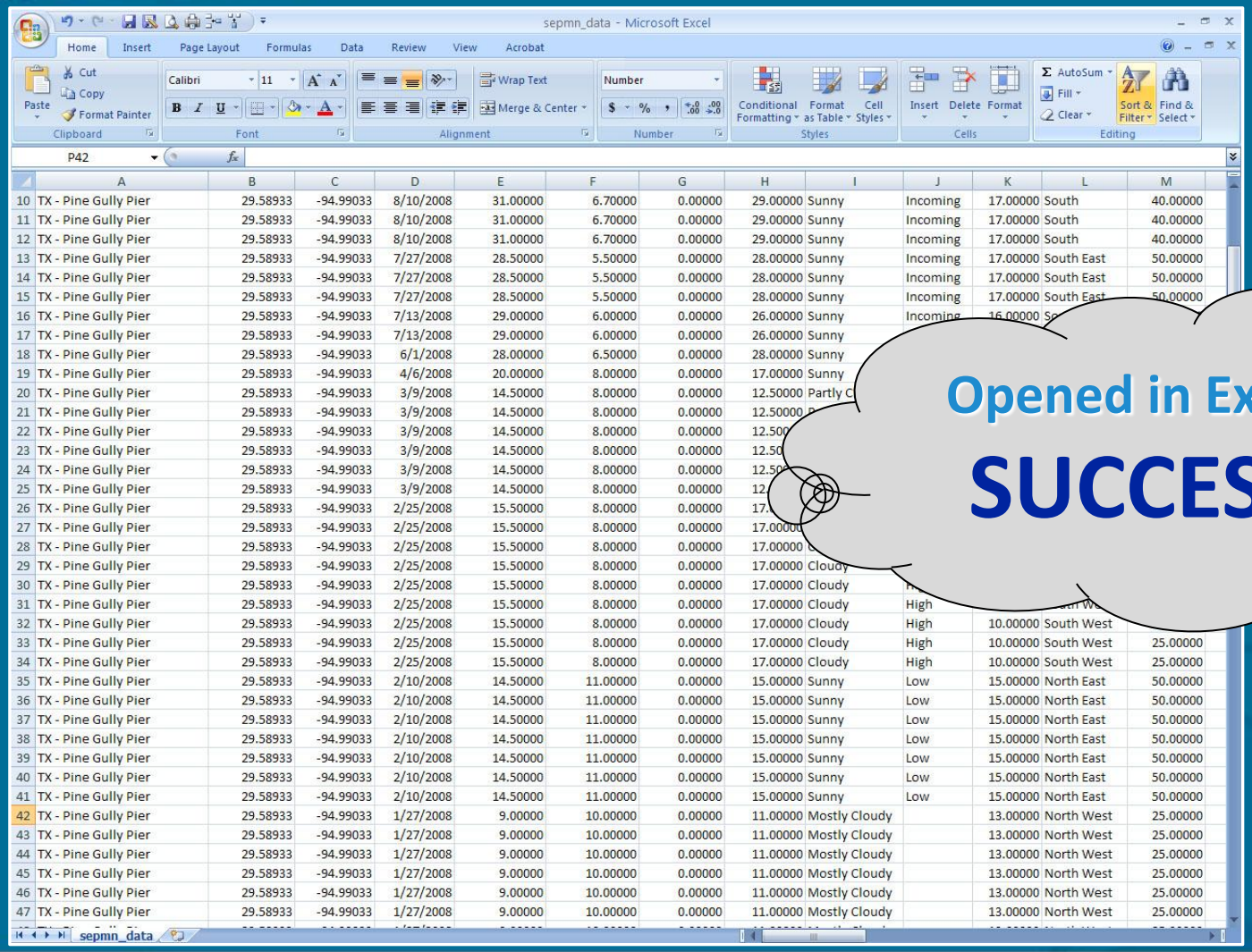


| | A | B | C | D | E | F | G | H | I | J | K | L | M |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10 | TX - Pine Gully Pier | 29.58933 | -94.99033 | 8/10/2008 | 31.00000 | 6.70000 | 0.00000 | 29.00000 | Sunny | Incoming | 17.00000 | South | 40.00000 |
| 11 | TX - Pine Gully Pier | 29.58933 | -94.99033 | 8/10/2008 | 31.00000 | 6.70000 | 0.00000 | 29.00000 | Sunny | Incoming | 17.00000 | South | 40.00000 |
| 12 | TX - Pine Gully Pier | 29.58933 | -94.99033 | 8/10/2008 | 31.00000 | 6.70000 | 0.00000 | 29.00000 | Sunny | Incoming | 17.00000 | South | 40.00000 |
| 13 | TX - Pine Gully Pier | 29.58933 | -94.99033 | 7/27/2008 | 28.50000 | 5.50000 | 0.00000 | 28.00000 | Sunny | Incoming | 17.00000 | South East | 50.00000 |
| 14 | TX - Pine Gully Pier | 29.58933 | -94.99033 | 7/27/2008 | 28.50000 | 5.50000 | 0.00000 | 28.00000 | Sunny | Incoming | 17.00000 | South East | 50.00000 |
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| 16 | TX - Pine Gully Pier | 29.58933 | -94.99033 | 7/13/2008 | 29.00000 | 6.00000 | 0.00000 | 26.00000 | Sunny | Incoming | 16.00000 | So | |
| 17 | TX - Pine Gully Pier | 29.58933 | -94.99033 | 7/13/2008 | 29.00000 | 6.00000 | 0.00000 | 26.00000 | Sunny | | | | |
| 18 | TX - Pine Gully Pier | 29.58933 | -94.99033 | 6/1/2008 | 28.00000 | 6.50000 | 0.00000 | 28.00000 | Sunny | | | | |
| 19 | TX - Pine Gully Pier | 29.58933 | -94.99033 | 4/6/2008 | 20.00000 | 8.00000 | 0.00000 | 17.00000 | Sunny | | | | |
| 20 | TX - Pine Gully Pier | 29.58933 | -94.99033 | 3/9/2008 | 14.50000 | 8.00000 | 0.00000 | 12.50000 | Partly C | | | | |
| 21 | TX - Pine Gully Pier | 29.58933 | -94.99033 | 3/9/2008 | 14.50000 | 8.00000 | 0.00000 | 12.50000 | | | | | |
| 22 | TX - Pine Gully Pier | 29.58933 | -94.99033 | 3/9/2008 | 14.50000 | 8.00000 | 0.00000 | 12.50 | | | | | |
| 23 | TX - Pine Gully Pier | 29.58933 | -94.99033 | 3/9/2008 | 14.50000 | 8.00000 | 0.00000 | 12.50 | | | | | |
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| 26 | TX - Pine Gully Pier | 29.58933 | -94.99033 | 2/25/2008 | 15.50000 | 8.00000 | 0.00000 | 17. | | | | | |
| 27 | TX - Pine Gully Pier | 29.58933 | -94.99033 | 2/25/2008 | 15.50000 | 8.00000 | 0.00000 | 17.00000 | | | | | |
| 28 | TX - Pine Gully Pier | 29.58933 | -94.99033 | 2/25/2008 | 15.50000 | 8.00000 | 0.00000 | 17.00000 | C | | | | |
| 29 | TX - Pine Gully Pier | 29.58933 | -94.99033 | 2/25/2008 | 15.50000 | 8.00000 | 0.00000 | 17.00000 | Cloudy | | | | |
| 30 | TX - Pine Gully Pier | 29.58933 | -94.99033 | 2/25/2008 | 15.50000 | 8.00000 | 0.00000 | 17.00000 | Cloudy | | | | |
| 31 | TX - Pine Gully Pier | 29.58933 | -94.99033 | 2/25/2008 | 15.50000 | 8.00000 | 0.00000 | 17.00000 | Cloudy | High | | | |
| 32 | TX - Pine Gully Pier | 29.58933 | -94.99033 | 2/25/2008 | 15.50000 | 8.00000 | 0.00000 | 17.00000 | Cloudy | High | 10.00000 | South West | |
| 33 | TX - Pine Gully Pier | 29.58933 | -94.99033 | 2/25/2008 | 15.50000 | 8.00000 | 0.00000 | 17.00000 | Cloudy | High | 10.00000 | South West | 25.00000 |
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| 37 | TX - Pine Gully Pier | 29.58933 | -94.99033 | 2/10/2008 | 14.50000 | 11.00000 | 0.00000 | 15.00000 | Sunny | Low | 15.00000 | North East | 50.00000 |
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Opened in Excel…

**SUCCESS!**


*PMN Database and GIS Maps developed by:*

# NOAA Coastal Data Development Center (NCDDC)

http://www.ncddc.noaa.gov

NCDDC's mission is to support ecosystem stewardship by providing access to the Nation's coastal data resources.