

Appendix 5-9: STA Black-Necked Stilt Nesting Summary for April–July 2010

Brian Garrett

The screenshot shows a software interface for data entry. The main window is titled "1EObs : Form" and "STA-1E Migratory Bird Nest Observation Entry Sheet for Levee Surveys". A red banner at the top indicates "Step One: Check the Levee of Observation".

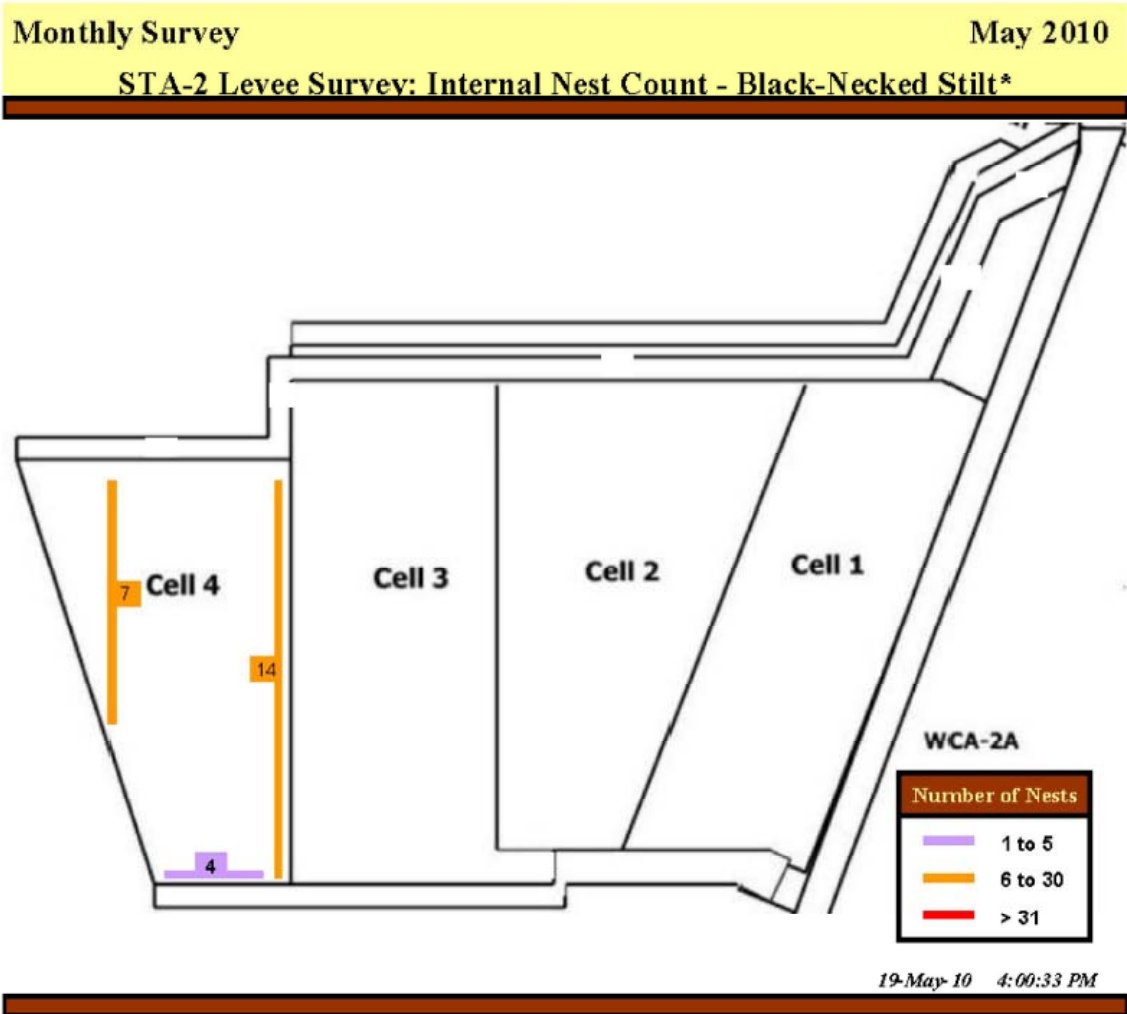
The central map displays a grid of observation cells: Cell 7, Cell 5, Cell 3, Cell 1, Cell 6, Cell 4N, Cell 2, and Cell 4S. The map also shows "WDC", "EDC", "WCA-1", and "Arthur R. Marshall Loxahatchee National Wildlife Refuge". Levee lines are labeled "S-319" and "S-362". A north arrow is present.

On the right, the "Observer Comments" section contains the following fields:

- Date:
- Latitude of Observer: (dd mm ss)
- Longitude of Observer: (dd mm ss)
- Number of Nest:
- Distance of Nest(s) from Observer (ft):
- Initials:
- Comments:

At the bottom, there are "Other Record Navigation" buttons (left, right, first, last) and a "Return to Main Menu" button.

Figure 1. An example of standardized migratory bird nest observation for data entry in the field.



STA-2 Flow-Way Totals	
Flow-Way	Number of Nests
Western	25
Inflow Canal	0
Eastern	0
Central West (3)	0
Central East (2)	0

STA-2 Survey Results		
Date Collected	Cell	No. of Nests
5/19/2010	1	0
5/19/2010	2	0
5/19/2010	3	0
5/19/2010	4	25
5/19/2010	IC	0

**Information contained on this map represents black-necked stilt nests within treatment cells as observed from the levee and does not contain those nests that are on the levee.*

Figure 2. An example of a standardized levee survey report for black-necked stilt (*Himantopus mexicanus*) nesting.

Table 1. Summary of black-necked stilts nesting in the Everglades Stormwater Treatment Areas (STA-1E, STA-1W, STA-2, STA-3/4, STA-5, and STA-6) from 2006–2010.

STA	2006	2007	2008	2009	2010
1E	186	102	69	102	150
1W	49	236	26	360	19
2	0	74	16	237	29
3/4	5	55	7	69	15
5	122	147	73	105	14
6	0	0	0	0	0
TOTAL	362	614	191	873	227

Table 2. Black-necked stilt nesting season levee surveys for each STA from April–July 2010.

STA-1E					
Flow-way	Cell	Black-necked Stilt Nests Inside Treatment Cell as Observed from the Levee			
		Monthly	Monthly	Monthly	Monthly
		4/19/10	5/18/10	6/18/10	6/21/10
Eastern	1	0	0	NS	0
	2	0	0	NS	0
	PSTA	0	7	NS	0
Central	3	0	0	NS	0
	4N	2	3	NS	0
	4S	0	2	NS	0
Western	5	0	0	0	NS
	6	76	60	0	NS
	7	0	0	0	NS
Distribution Cells	Eastern	0	0	NS	0
	Western	0	0	NS	0
Totals		78	72	0	0

NS – Not Surveyed

STA-1W					
Flow-way	Cell	Black-necked Stilt Nests Inside Treatment Cell as Observed from the Levee			
		Monthly	Monthly	Monthly	Spot Check
		4/19/10	5/18/10	6/19/10	7/12/10
Eastern	1A	0	0	0	NS
	1B	0	0	0	NS
	3	0	4	1	0
Western	2A	0	0	0	NS
	2B	0	0	0	NS
	4	0	0	3	0
Northern	5A	0	0	0	NS
	5B	10	1	0	NS
Totals		10	5	4	0

NS – Not Surveyed

Table 2. Continued.

STA-2				
Cell	Black-necked Stilt Nests Inside Treatment Cell as Observed from the Levee			
	Monthly	Monthly	Monthly	Spot Check
	4/22/10	5/19/10	6/23/10	7/7/10
1	0	0	0	NS
2	0	0	0	NS
3	0	0	0	NS
4	0	25	4	0
Totals	0	25	4	0

NS – Not Surveyed

STA-3/4				
Flow-way	Cell	Black-necked Stilt Nests Inside Treatment Cell as Observed from the Levee		
		Monthly	Monthly	Monthly
		4/29/10	5/20/10	6/30/10
Eastern	1A	0	0	0
	1B	1	3	0
Central	2A	0	0	0
	2B	0	2	0
PSTA	USAV	0	7	0
	LSAV	0	1	0
	PSTA	0	0	0
Western	3A	0	0	0
	3B	0	1	0
Totals		1	14	0

Table 2. Continued.

STA-5				
Flow-way	Cell	Black-necked Stilt Nests Inside Treatment Cell as Observed from the Levee		
		Monthly	Monthly	Monthly
		4/27/10	5/24/10	6/24/10
Northern	1A	0	0	0
	1B	1	0	0
Central	2A	0	0	0
	2B	0	13	0
Southern	3A	NS*	NS*	NS*
	3B	NS*	NS*	NS*
Totals		1	13	0

NS* - Not Surveyed – Cell Not in Operation During APP Survey Period

STA-6			
Cell	Black-necked Stilt Nests Inside Treatment Cell as Observed from the Levee		
	Monthly	Monthly	Monthly
	4/27/10	5/24/10	6/24/10
Section 2	0	0	0
3	0	0	0
5	0	0	0
Totals	0	0	0