

Coastal Shorebird Area Search Datasheet:

Survey Area Conditions



Instructions: Begin the survey by recording the survey area and start time, then record bird observations on the following page. When the bird survey is complete, record the end time and fill in the survey area conditions below.

Survey Area _____ Date _____ Start Time _____ End Time _____
 Obs 1 _____ Obs 2 _____ Recorder _____

WEATHER (circle one)

Wind	Precipitation	Cloud Cover _____ %
0 (calm)	0 (none)	Write in percent of sky covered by clouds (0-100)
1 (smoke drifts; scaly ripples)	1 (light intermittent)	
2 (air felt on face; no white caps)	2 (fog)	
3 (leaves in motion; scattered whitecaps)	3 (steady rain)	
4 (leaves lifted up; numerous whitecaps)	<i>*Use 3 only if rain starts after survey begins but can still be completed.</i>	
5 (small trees sway; many whitecaps, spray)		
6 (large branches move; whitecaps common, spray)		

Cover Types (circle one or two)

Circle one or two that comprises ≥40% of the survey area. If no cover type is ≥40%, describe the composition in the notes section. See protocol for detailed descriptions of cover types.

- | | | |
|--------------------------|----------------------|-------------------------------|
| 1 (Wetland) | 15 (Tidal Mud Flat) | 22 (Island) |
| 7 (Freshwater Lake/Pond) | 16 (Beach) | 23 (Lagoon) |
| 9 (Wastewater Pond) | 17 (Rocky Shoreline) | 25 (Mangrove) |
| 12 (Developed) | 19 (Bay/Ocean) | 26 (Shrimp Farm) |
| 13 (Salt Pond) | 20 (Diked Marsh) | 99 (Other: describe in notes) |

Tide (circle one)

Circle your best assessment of the tidal conditions at your survey area.

- | | |
|-------------------|-------------------|
| 1 (high) | 5 (half, falling) |
| 2 (high, rising) | 6 (low, rising) |
| 3 (high, falling) | 7 (low, falling) |
| 4 (half, rising) | 8 (low) |

Visible Area and Land Cover (write-in)

Visible Area: Record the percent of the survey area you could see and subsequently count.

Visible Area (0-100) _____ %

Land Cover: Of the visible area, estimate the percentage that is flooded (PercFlood), open dirt or mud (PercBare), and vegetated (PercVeg). Total should be ≤100%

PercFlood (0-100) _____ % PercBare (0-100) _____ %

PercVeg (0-100) _____ %

Veg Height (circle one)

Circle the *average height* of the vegetation in the visible area

- 0 (bare)
- 1 (1-6 inches)
- 2 (>6-12 inches)
- 3 (>12-18 inches)
- 4 (>18- 24 inches)
- 5 (>24 inches)

Notes

Coastal Shorebird Area Search Datasheet: Bird Observations



Survey Area _____ Date _____ Start Time _____ End Time _____

Obs 1 _____ Obs 2 _____ Recorder _____

Instructions: for shorebirds, count and identify to species all individuals on the ground at any time during the survey; do not double-count any birds that leave the area and later return. Record raptors that are within, perched adjacent to, or foraging over the survey area during the count. Write-in species names, tallies, and totals for species not listed.

Species	Code	Tally	Total	Species	Code	Tally	Total
Black-bellied Plover	BBPL						
Snowy Plover	SNPL						
Semipalmated Plover	SEPL						
Killdeer	KILL						
Black Oystercatcher	BLOY						
Black-necked Stilt	BNST						
American Avocet	AMAV						
Spotted Sandpiper	SPSA						
Greater Yellowlegs	GRYE						
Lesser Yellowlegs	LEYE						
yellowlegs spp.	XYEL						
Willet	WILL						
Whimbrel	WHIM						
Long-billed Curlew	LBCU						
Marbled Godwit	MAGO						
Curlew/Godwit	XCGO			Turkey Vulture	TUVU		
Ruddy Turnstone	RUTU			Osprey	OSPR		
Black Turnstone	BLTU			White-tailed Kite	WTKI		
Red Knot	REKN			Northern Harrier	NOHA		
Sanderling	SAND			Sharp-shinned Hawk	SSHA		
Western Sandpiper	WESA			Cooper's Hawk	COHA		
Least Sandpiper	LESA			accipiter spp.	XSCH		
Dunlin	DUNL			Red-shouldered Hawk	RSHA		
Western/Least	XWLS			Red-tailed Hawk	RTHA		
Western/Least/Dunlin	XWLD			American Kestrel	AMKE		
dowitcher spp.*	DOWI			Merlin	MERL		
Wilson's Snipe	WISN			Peregrine Falcon	PEFA		

**Because it is not possible to reliably identify the two species of dowitchers in the field in winter, except by call, please record those seen as dowitcher spp.

Notes