

# Pacific Flyway Shorebird Survey

## Coastal Area Search Datasheet: Survey Area Conditions



Please familiarize yourself with the accompanying survey protocol. 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. Thank you for your dedication to shorebird conservation!

Survey Area \_\_\_\_\_ Date \_\_\_\_\_ Obs 1 \_\_\_\_\_ Obs 2 \_\_\_\_\_  
 Start Time \_\_\_\_\_ End time \_\_\_\_\_ Data Recorder \_\_\_\_\_

WEATHER (circle one)		
<b>Wind</b>	<b>Precipitation</b>	<b>Cloud Cover</b> _____ %
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)	Tide (circle one)
Circle the one or two cover type(s) that each describe at least 40% of the survey area. If no cover type is >40%, describe the composition of cover types in the notes section below. See protocol for more detailed descriptions	Circle your best assessment of the tidal conditions at your survey area.
1 (Wetland)                      16 (Beach) 7 (Freshwater Lake/Pond)    17 (Rocky Shoreline) 9 (Wastewater Pond)        19 (Bay/Ocean) 12 (Developed)                20 (Diked Salt Marsh) 13 (Salt Pond)                 21 (Levee) 14 (Tidal Salt Marsh)        22 (Island) 15 (Tidal Mud Flat)         99 (Other: describe in notes)	1 (high)                      5 (half, falling) 2 (high, rising)            6 (low, rising) 3 (high, falling)         7 (low, falling) 4 (half, rising)            8 (low) 9 (unknown)

Visible Area (write-in)	Veg Height (circle one)
Visible Area: Record the percent of the survey area you could see and subsequently count.	Circle the <i>average height</i> of the vegetation in the visible area
Visible Area (0-100) _____ %	0 (bare)
Of the visible area, record the percentage of it that is flooded (PercFlood), open dirt or mud (PercBare), and vegetated (PercVeg).	1 (1-6 inches)
PercFlood (0-100) _____ %    PercBare (0-100) _____ %	2 (>6-12 inches)
PercVeg (0-100) _____ %	3 (>12-18 inches)
	4 (>18- 24 inches)
	5 (>24 inches)

Notes

# Coastal Area Search Datasheet: Bird Observations



**Survey Area** \_\_\_\_\_ **Date** \_\_\_\_\_  
**Obs 1** \_\_\_\_\_ **Obs 2** \_\_\_\_\_  
**Start Time** \_\_\_\_\_ **End Time** \_\_\_\_\_ **Data Recorder** \_\_\_\_\_

Please record the numbers for all shorebirds and raptors using your surveyarea. For shorebirds, count and identify to species all individuals that are on the ground at some 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 any species not already on the list.

Species	Tally	Total	Species	Tally	Total
Black-bellied Plover					
Snowy Plover					
Semipalmated Plover					
Killdeer					
Black Oystercatcher					
Black-necked Stilt					
American Avocet					
Spotted Sandpiper					
Greater Yellowlegs					
Lesser Yellowlegs					
yellowlegs spp.					
Willet					
Whimbrel					
Long-billed Curlew					
Marbled Godwit					
Curlew/Godwit			Turkey Vulture		
Ruddy Turnstone			Osprey		
Black Turnstone			White-tailed Kite		
Red Knot			Northern Harrier		
Sanderling			Sharp-shinned Hawk		
Western Sandpiper			Cooper's Hawk		
Least Sandpiper			accipiter spp.		
Dunlin			Red-shouldered Hawk		
Western/Least			Red-tailed Hawk		
Western/Least/Dunlin			American Kestrel		
dowitcher spp.*			Merlin		
Wilson's Snipe			Peregrine Falcon		

\*\*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**

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