

# Pacific Flyway Shorebird Survey

## Puget Sound: Coastal Area Search Datasheet: Site Conditions



ECOSTUDIES  
INSTITUTE



Washington Department of  
**FISH and WILDLIFE**

Please familiarize yourself with the relevant survey protocol. Begin the survey by recording the location and the start time. Then record bird observations on the following pages. When the bird survey is complete, record the end time and fill in the sites conditions below. Thanks for your dedication to shorebird conservation!

Please mail all completed and entered datasheets to Gary Slater, Ecostudies Institute, PO Box 1614, Olympia, WA 98507. If you would like to scan or send electronic copies of the data sheet, please feel free to do so. Send copies to [gslater@ecoinst.org](mailto:gslater@ecoinst.org).

Date \_\_\_\_\_ Location \_\_\_\_\_ Primary Observer \_\_\_\_\_

Start Time \_\_\_\_\_ End time \_\_\_\_\_ Other Observer \_\_\_\_\_

WEATHER		
Wind (0-6) _____	Precip (0-3) _____	Cloud (0-100%) _____
<b>0</b> (calm) <b>1</b> (smoke drifts) <b>2</b> (air felt on face) <b>3</b> (leaves in motion) <b>4</b> (leaves lifted up) <b>5</b> (small trees sway) <b>6</b> (large branches move)	<b>0</b> (none) <b>1</b> (light intermittent) <b>2</b> (fog) <b>3</b> (steady rain) * Use 3 only if rain starts after survey begins and you still complete the survey	Record percent of sky covered with clouds.

HABITAT		
Cover Type 1 _____	Visible Area (0-100) _____ %	PercVeg (0-100) _____ %
Cover Type 2 _____	PercFlood (0-100) _____ %	VegHt (0-5) _____
Tide (1-9) _____	PercBare (0-100) _____ %	

**Cover Types 1 and 2:** Record code of any cover type(s) that comprises at least 40% of the area. If no cover type is  $\geq 40\%$ , describe the composition of cover types in the notes section below.

**Tide:** Each coastal estuary site should be surveyed under the same tidal conditions each year. Please record your best Assessment of the tidal conditions at your survey area.

**Visible Area:** Record the percent of the survey area you could see and subsequently count. Of that visible area, record the percentage of it that is flooded (**PercFlood**), open dirt or mud (**PercBare**), and vegetated (**PercVeg**). Also, record the average height of the vegetation (**VegHt**).

COVER TYPES		VEG HT (Average height)
<b>9</b> (Wastewater/Sewage Pond)	<b>17</b> (Rocky shoreline)	<b>0</b> (bare)
<b>12</b> (Developed)	<b>19</b> (Open Bay)	<b>1</b> (1-6 inches)
<b>13</b> (Salt pond)	<b>20</b> (Diked Salt Marsh)	<b>2</b> (>6-12 inches)
<b>14</b> (Tidal marsh)	<b>21</b> (Levee)	<b>3</b> (>12-18 inches)
<b>15</b> (Tidal flat)	<b>22</b> (Island)	<b>4</b> (>18- 24 inches)
<b>16</b> (Beach)	<b>99</b> (Other: describe in notes)	<b>5</b> (>24 inches)

**Notes :**

