Puget Sound Seabird Survey

Seattle Audubon Society
for birds and nature

4hr Survey Windows for 2018-2019 Season

We ask that you conduct your seabird surveys within four-hour survey windows, centered on the daytime high tides, on the first Saturday of every month, October 2018 through April 2019. Some survey windows have been shifted to start 30 minutes after sunrise or to end 30 minutes before sunset to promote optimum viewing conditions. Due to the significant difference in tide times from the most easterly survey site (Seward Park) to the most westerly site (Cape Flattery), survey sites have been divided into three "tide zones". To determine which tide zone your survey site falls within, and therefore which set of 4-hour survey windows to utilize, find your site number or site name in one of the three boxed lists below and refer to the table for the time of your 4-hour survey window. **Please be sure to complete your survey(s) within the 4-hour window.**

SURVEY SITES

PSSS Sites Numbered 1-92, 108+	**PSSS Sites Numbered 93 – 102**	**PSSS Sites Numbered 103 – 107**
North of Deception Pass, Olympia Waterfront in the South, Seward Park in the East, and West to Fort Townsend.	Diamond Point John Wayne Marina Port Williams Ediz Hook North Ediz Hook South	Twin River Pillar Point Rec. Area Sekiu Shipwreck Point Cape Flattery

Survey Date			**Tide Zone 1**		**Tide Zone 2**		**Tide Zone 3**		**sunrise**	**sunset**
			high tide	**PSSS survey window**	high tide	**PSSS survey window**	high tide	**PSSS survey window**		
October	**6**	2018	4:02pm	**2:02pm – 6:02pm**	1:55pm	**11:55am – 3:55pm**	11:42am	**9:42am –1:42pm**	7:15am	6:38pm
November	**3**	2018	2:39pm	**12:39pm – 4:39pm**	12:34pm	**10:34am – 2:34pm**	10:29am	**8:29am – 12:29pm**	7:56am	5:48pm
December	**1**	2018	12:09pm	**10:09am – 2:09pm**	10:10am	**8:15am – 12:15pm***	8:05am	**8:15am – 12:15pm***	7:36am	4:19pm
January	**5**	2019	3:32pm	**12:02pm – 4:02pm***	12:45pm	**10:45am – 2:45pm**	11:39am	**9:39am – 1:39pm**	7:57am	4:32pm
February	**2**	2019	2:44pm	**12:44pm – 4:44pm**	11:56am	**9:56am – 1:56pm**	10:49am	**8:49am – 12:49pm**	7:34am	5:12pm
March	**2**	2019	1:49pm	**11:49am – 3:49pm**	10:57am	**8:57am – 12:57pm**	9:49am	**7:49am – 11:49am**	6:48am	5:55pm
April	**6**	2019	6:14am	**7:08am – 11:08am***	4:55pm	**2:55pm – 6:55pm**	2:35pm	**12:35pm – 4:35pm**	6:38am	7:46pm
NOAA tide predictions for:			Seattle, WA		Port Angeles, WA		Neah Bay, WA		(Sunrise/set times for Seattle)	

*indicates that the survey window required adjustment due to the high tide proximity to sunrise or sunset