

Marine Birds – Shorebird Staging Areas - Flat

description

Shorebirds frequently migrate long distances. Staging areas are resource-rich sites along migratory paths that provide the birds access to food, a place to rest and clean their feathers. Because there are few places that provide the right combination of resources, some sites may host the majority of the population of a species during their migration.

This atlas page depicts three areas known to host staging shorebirds according to experts at the Canadian Wildlife Service (CWS). The flat staging areas at Roberts Bank and Sidney Spit were digitized based on survey polygons drawn by CWS experts. The staging areas in the Tofino mudflats were digitized from R.W. Butler, A. Dorst and M.A. Hobson. 1992.



PHOTO: J. MATZICK



PHOTO: STEVE ESTANIK

data sources

- Environment Canada (Canadian Wildlife Service) – Shorebird Inventories

data resolution

- Data was digitized from maps at scales ranging from approximately 1:50,000 to 1:150,000.

data collected

- 1990-2008

date compiled

- 2009

reviewers

- Rob Butler, Bird Studies Canada
- Representatives from Environment Canada, Canadian Wildlife Service

reviewer comments

- Staging areas illustrated may be more accurately called “stop over areas.” Staging areas are places birds stay for long periods whereas stop over areas are places where they remain for a few days. Most or all of our beaches are the latter.

caveats of use

- Gaps in the extent of this feature should not be inferred to be an absence of the species, but rather an absence in survey effort.
- Recommended date of expiry for use of these data in a marine planning context: None provided.

map, feature data and metadata access

- Visit www.bcmca.ca/data for more information.

references

- Butler, R.W., A. Dorst and M.A. Hobson. *Seasonal abundance and biomass of birds in eelgrass habitats in Browning Passage on the West Coast of Vancouver Island*. 1992. Pp 109-113 in K. Vermeer, R.W. Butler and K.H. Morgan (eds) *The ecology, status and conservation of marine and shoreline birds on the West Coast of Vancouver Island*. CWS Occasional paper #75.

BCMCA Atlas
Marine Birds
Shorebird Staging Areas – Flat

Legend

Location (Survey dates)

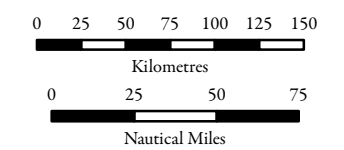
- Brunswick Point
(April-May 1991-2009)
- Sidney Island
(July-August 1991-1997,
2000, 2001)
- Tofino Mudflats
(April-May 1995)

Data Sources:
 Environment Canada
 (Canadian Wildlife Service)

Base Data:
 ESRI Base Data, GeoBase, GeoBC,
 NOAA, Natural Resources Canada,
 USGS, Washington State Government

Thematic Data:
 For more information on data sources
 and methods please refer to the
 facing page to this map

Projection: BC Albers NAD83



1:4,250,000 *

* Written scales are approximate and
 are based on a 11 x 17 inch paper size.

Prepared for:



Map template by Caslys Consulting Ltd.
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Note: The inset has been provided to illustrate the level of detail available in the data. The inset is for illustrative purposes only and does not imply any significance to this region.