

**WAC 173-183-420 Marine bird vulnerability.** (1) Each of the marine and estuarine subregions of state waters established in WAC 173-183-400(2) is relatively ranked and scored for marine bird vulnerability to oil spills on a 1 to 5 scale for each season, where a score of 5 represents the greatest vulnerability and a score of 1 represents the least vulnerability.

(2) The marine bird vulnerability ranking relatively ranks the vulnerability of seabirds, shorebirds, and waterfowl present in a subregion during a particular season to oil spills, where vulnerability is based on population status, abundance, roosting habits, escape behavior, flocking behavior, feeding specialization, population size, reproductive capacity, breeding dispersion, winter dispersion, seasonal exposure to waters where oil spills could occur, and significance of Washington population to total population.

(3) Marine bird seasonal vulnerability scores for each of the marine and estuarine subregions defined in WAC 173-183-400 are based on existing information and determinations made by the marine bird subcommittee of the scientific advisory board. For purposes of RCW 90.48.366, marine bird seasonal vulnerability scores (BVS) for each of the subregions defined in WAC 173-183-400 shall be as follows:

**Table 4. Subregional Marine Bird Vulnerability Scores (BVS)**

SUBREGION	SP	SU	FA	WI
101 NORTHERN OUTER COAST	5	5	5	5
102 KALALOCH	5	5	5	5
103 QUINAULT	5	5	5	5
104 COPALIS BEACH	5	5	5	5
105 GRAYS HARBOR	5	5	5	5
106 TWIN HARBORS BEACH	5	5	5	5
107 WILLAPA BAY	5	5	5	5
108 LONG BEACH	5	5	5	5
109 INNER SHELF	4	2	5	5
110 OUTER SHELF	4	1	1	1
111 SHELF EDGE	5	1	1	1
112 CONTINENTAL SLOPE	2	1	1	1
201 STRAIT OF JUAN DE FUCA-OUTER	3	2	5	4
203 CAPE FLATTERY	4	3	4	3
204 NEAH BAY	2	2	2	2
205 NEAH BAY TO CLALLAM BAY	2	3	3	2
206 CLALLAM BAY	2	2	2	2
207 CLALLAM BAY TO CRESCENT BAY	2	3	3	2
208 CRESCENT BAY	2	2	2	2
209 CRESCENT BAY TO EDIZ HOOK	2	2	2	4
301 STRAIT OF JUAN DE FUCA-INNER	3	3	3	4
302 EDIZ HOOK	1	1	1	1
303 PORT ANGELES	2	3	3	2
304 VOICE OF AMERICA	2	2	2	2
305 DUNGENESS SPIT	2	2	2	3
306 DUNGENESS BAY/HARBOR	4	2	2	3
307 JAMESTOWN	5	5	5	5
308 SEQUIM BAY	2	1	1	2
309 MILLER PENINSULA	2	2	2	3
310 PROTECTION ISLAND	4	5	5	3
311 DISCOVERY BAY	3	1	1	4
312 QUIMPER PENINSULA	2	3	3	4
313 WHIDBEY ISLAND	1	2	2	2
314 SMITH ISLAND	3	5	5	3

SUBREGION	SP	SU	FA	WI	
315	DECEPTION PASS	2	2	2	2
316	LOPEZ ISLAND (SOUTH SHORE)	5	4	4	3
317	SAN JUAN IS. (SOUTH SHORE)	2	2	2	2
401	ADMIRALTY INLET	3	5	5	2
402	SOUTH ADMIRALTY INLET	2	1	2	3
403	PORT TOWNSEND	3	2	3	4
404	OAK BAY	2	2	2	2
405	KILISUT HARBOR	3	2	3	4
501	BELLINGHAM CHANNEL	2	2	4	4
502	GUEMES CHANNEL	2	2	1	3
503	FIDALGO BAY	2	2	2	3
504	PADILLA BAY	5	5	4	5
505	SAMISH BAY	5	5	4	5
506	BELLINGHAM BAY	4	4	4	5
507	HALE PASSAGE	3	3	2	2
601	LUMMI BAY	5	5	3	4
602	CHERRY POINT	5	5	2	2
603	BIRCH BAY	4	4	3	3
604	SEMIAHOO SPIT	4	4	4	4
605	DRAYTON HARBOR	3	3	3	4
607	SAN JUAN IS.-NORTHERN TIER	3	3	2	4
608	GEORGIA STRAIT-EASTERN	4	4	4	4
701	PT. ROBERTS	4	4	2	4
703	GEORGIA STRAIT-WESTERN	2	2	2	2
801	NORTHERN HARO STRAIT	2	2	4	3
802	SOUTHERN HARO STRAIT	1	1	1	2
901	SOUTHERN ROSARIO STRAIT	3	3	3	5
902	CENTRAL ROSARIO STRAIT	3	3	5	4
903	NORTHERN ROSARIO STRAIT	5	5	5	4
1001	PRESIDENT CHANNEL	2	2	2	2
1002	NORTHERN AREAS	1	1	2	3
1101	SPEIDEN CHANNEL	1	1	2	2
1102	NORTHERN SAN JUAN CHANNEL	1	1	1	1
1103	SOUTHERN SAN JUAN CHANNEL	1	1	2	3
1104	WASP PASS	1	1	1	2
1105	UPRIGHT CHANNEL	1	1	2	2
1106	HARNEY CHANNEL	1	1	1	2
1107	OBSTRUCTION PASS	2	2	3	2
1108	THATCHER PASS	1	1	1	1
1201	MOSQUITO/ROCHE COMPLEX	2	2	2	3
1202	FRIDAY HARBOR	2	2	2	2
1203	GRIFFIN BAY	2	2	2	3
1205	FISHERMAN BAY	2	2	2	3
1206	SWIFTS/SHOAL BAYS	2	2	2	2
1207	DEER HARBOR	2	2	2	2
1208	WEST SOUND	1	1	2	2
1209	EAST SOUND	2	2	1	2
1210	LOPEZ SOUND	2	2	3	4
1401	SKAGIT BAY	5	3	2	1
1402	PENN COVE/CRESCENT HARBOR	5	3	2	1
1403	SARATOGA PASSAGE	5	1	2	2
1404	HOLMES HARBOR	4	2	3	3
1405	PORT SUSAN	3	1	1	1
1406	POSSESSION SOUND	3	1	2	2
1501	HOOD CANAL ENTRANCE	2	1	2	3

SUBREGION	SP	SU	FA	WI	
1502	PORT LUDLOW	2	2	2	2
1503	PORT GAMBLE	2	2	2	2
1504	NORTHERN HOOD CANAL	2	1	2	2
1505	CENTRAL HOOD CANAL	2	1	2	2
1506	DABOB BAY	2	1	2	3
1507	QUILCENE BAY	2	2	2	2
1508	SOUTHCENTRAL HOOD CANAL	2	1	2	3
1509	ANNAS BAY	2	2	2	2
1510	GREAT BEND	3	1	3	5
1601	N. PUGET SOUND	4	1	2	2
1602	N. CENTRAL PUGET SOUND	2	1	2	2
1603	CENTRAL PUGET SOUND	2	1	2	2
1604	ELLIOT BAY	2	2	2	1
1605	EAST PASSAGE	2	1	2	2
1606	COLVOS PASSAGE	2	1	2	2
1607	COMMENCEMENT BAY	2	2	2	2
1608	NARROWS	3	2	3	4
1609	STEILACOOM	2	1	2	3
1610	NISQUALLY	2	1	2	3
1611	TREBLE-JOHNSON	2	2	2	2
1612	HALE PASSAGE	3	2	3	3
1613	CARR INLET	3	1	3	4
1614	PITT PASSAGE	2	2	2	2
1615	DRAYTON HARBOR	2	2	2	2
1616	CASE INLET	2	1	2	3
1617	HENDERSON INLET	2	2	2	1
1618	DANA PASSAGE	2	2	2	1
1619	BUDD INLET	2	2	2	2
1620	ELD INLET	2	2	2	2
1621	TOTTEN INLET	2	2	2	2
1622	PICKERING PASSAGE	2	2	2	2
1623	PEALE PASSAGE	2	2	2	1
1624	SQUAXIN	2	2	2	2
1625	SKOOKUM INLET	2	2	2	2
1626	HAMMERSLEY INLET	2	2	2	2
1627	OAKLAND BAY	2	2	2	2
1628	AGATE PASSAGE	2	2	2	2
1629	LIBERTY BAY	3	2	3	3
1630	PORT ORCHARD	2	2	2	2
1631	SINCLAIR INLET	3	2	3	3
1632	DYES INLET	2	2	2	2
1633	RICH PASSAGE	2	2	2	2
1634	QUARTERMASTER HARBOR	3	2	3	3
1635	DALCO PASSAGE	2	2	2	2
1636	BALCH PASS	2	2	2	2

(4) The marine bird vulnerability score for a spill shall be multiplied by 1.5 when any number of state or federal threatened or endangered marine birds are exposed to spilled oil.

[Statutory Authority: Chapter 90.48 RCW. WSR 92-10-005 (Order 91-13), § 173-183-420, filed 4/23/92, effective 5/24/92.]