

**WAC 173-183-460 Marine mammal vulnerability.** (1) Each of the marine and estuarine subregions of state waters designated in WAC 173-183-400(2) is relatively ranked and scored for marine mammal vulnerability to oil spills on a 1 to 5 scale for each season where 5 represents the greatest vulnerability and 1 represents the least vulnerability.

(2) Marine mammal vulnerability ranking scores take into consideration species presence, diversity, population status, breeding vulnerability, presence of young, physiological vulnerability, primary habitat, feeding habitats and abundance.

(3) Marine mammal seasonal vulnerability scores for each of the marine and estuarine subregions of state waters are based on existing information and determinations made by the marine mammals subcommittee of the scientific advisory board. For purposes of RCW 90.48.366, marine mammal vulnerability ranking scores for subregions classified in WAC 173-183-400(2) are as follows:

**Table 9. Marine Mammal Vulnerability Scores (MVS)**

| SUBREGION                         | SEASON |    |    |    |
|-----------------------------------|--------|----|----|----|
|                                   | SP     | SU | FA | WI |
| 101 NORTHERN OUTER COAST          | 5      | 5  | 5  | 5  |
| 102 KALALOCH                      | 5      | 5  | 5  | 5  |
| 103 QUINALT                       | 5      | 5  | 5  | 5  |
| 104 COPALIS BEACH                 | 5      | 5  | 5  | 4  |
| 105 GRAYS HARBOR                  | 5      | 4  | 5  | 4  |
| 106 TWIN HARBORS BEACH            | 5      | 5  | 5  | 4  |
| 107 WILLAPA BAY                   | 5      | 5  | 5  | 4  |
| 108 LONG BEACH                    | 5      | 5  | 5  | 5  |
| 109 INNER SHELF                   | 5      | 5  | 5  | 5  |
| 110 OUTER SHELF                   | 4      | 2  | 3  | 3  |
| 111 SHELF EDGE                    | 4      | 1  | 3  | 3  |
| 112 CONTINENTAL SLOPE             | 1      | 1  | 1  | 1  |
| 201 STRAIT OF JUAN DE FUCA-OUTER  | 4      | 4  | 3  | 2  |
| 203 CAPE FLATTERY                 | 4      | 4  | 3  | 2  |
| 204 NEAH BAY                      | 4      | 4  | 3  | 2  |
| 205 NEAH BAY TO CLALLAM BAY       | 3      | 3  | 2  | 2  |
| 206 CLALLAM BAY                   | 3      | 3  | 2  | 2  |
| 207 CLALLAM BAY TO CRESCENT BAY   | 3      | 3  | 2  | 2  |
| 208 CRESCENT BAY                  | 3      | 3  | 2  | 2  |
| 209 CRESCENT BAY TO EDIZ HOOK     | 3      | 3  | 2  | 2  |
| 301 STRAIT OF JUAN DE FUCA-INNER  | 4      | 4  | 4  | 3  |
| 302 EDIZ HOOK                     | 4      | 4  | 4  | 3  |
| 303 PORT ANGELES                  | 4      | 4  | 4  | 3  |
| 304 VOICE OF AMERICA              | 4      | 4  | 4  | 3  |
| 305 DUNGENESS SPIT                | 4      | 4  | 4  | 3  |
| 306 DUNGENESS BAY/HARBOR          | 4      | 4  | 4  | 3  |
| 307 JAMESTOWN                     | 4      | 4  | 4  | 3  |
| 308 SEQUIM BAY                    | 4      | 4  | 4  | 3  |
| 309 MILLER PENINSULA              | 4      | 4  | 4  | 3  |
| 310 PROTECTION ISLAND             | 4      | 4  | 4  | 3  |
| 311 DISCOVERY BAY                 | 4      | 4  | 4  | 3  |
| 312 QUIMPER PENNSULA              | 4      | 4  | 4  | 3  |
| 313 WHIDBEY ISLAND                | 4      | 4  | 4  | 3  |
| 314 SMITH ISLAND                  | 4      | 4  | 4  | 3  |
| 315 DECEPTION PASS                | 4      | 4  | 4  | 3  |
| 316 LOPEZ ISLAND (SOUTH SHORE)    | 4      | 4  | 4  | 3  |
| 317 SAN JUAN ISLAND (SOUTH SHORE) | 4      | 4  | 4  | 3  |

| SUBREGION |                                | SEASON |    |    |    |
|-----------|--------------------------------|--------|----|----|----|
|           |                                | SP     | SU | FA | WI |
| 401       | ADMIRALTY INLET                | 4      | 4  | 4  | 3  |
| 402       | SOUTH ADMIRALTY INLET          | 4      | 4  | 4  | 3  |
| 403       | PORT TOWNSEND                  | 4      | 4  | 4  | 3  |
| 404       | OAK BAY                        | 4      | 4  | 4  | 3  |
| 405       | KILISUT HARBOR                 | 4      | 4  | 4  | 3  |
| 501       | BELLINGHAM CHANNEL             | 2      | 3  | 2  | 2  |
| 502       | GUEMES CHANNEL                 | 2      | 3  | 2  | 2  |
| 503       | FIDALGO BAY                    | 2      | 3  | 2  | 2  |
| 504       | PADILLA BAY                    | 2      | 3  | 2  | 2  |
| 505       | SAMISH BAY                     | 2      | 3  | 2  | 2  |
| 506       | BELLINGHAM BAY                 | 2      | 3  | 2  | 2  |
| 507       | HALE PASSAGE                   | 2      | 3  | 2  | 2  |
| 601       | LUMMI BAY                      | 4      | 4  | 4  | 3  |
| 602       | CHERRY POINT                   | 4      | 4  | 4  | 3  |
| 603       | BURCH BAY                      | 4      | 4  | 4  | 3  |
| 604       | SEMAHOO SPIT                   | 4      | 4  | 4  | 3  |
| 605       | DRAYTON HARBOR                 | 4      | 4  | 4  | 3  |
| 607       | SAN JUAN ISLANDS-NORTHERN TIER | 4      | 4  | 4  | 3  |
| 608       | GEORGIA STRAIT-EASTERN         | 4      | 4  | 4  | 3  |
| 701       | PT. ROBERTS                    | 4      | 4  | 4  | 3  |
| 703       | GEORGIA STRAIT-WESTERN         | 4      | 4  | 4  | 3  |
| 801       | NORTHERN HARO STRAIT           | 5      | 4  | 4  | 4  |
| 802       | SOUTHERN HARO STRAIT           | 5      | 4  | 4  | 4  |
| 901       | SOUTHERN ROSARIO STRAIT        | 4      | 4  | 3  | 2  |
| 902       | CENTRAL ROSARIO STRAIT         | 4      | 4  | 3  | 2  |
| 903       | NORTHERN ROSARIO STRAIT        | 5      | 4  | 3  | 2  |
| 1001      | PRESIDENT CHANNEL              | 5      | 4  | 4  | 3  |
| 1002      | NORTHERN AREAS                 | 5      | 4  | 4  | 3  |
| 1101      | SPEIDEN CHANNEL                | 3      | 3  | 3  | 2  |
| 1102      | NORTHERN SAN JUAN CHANNEL      | 3      | 3  | 3  | 2  |
| 1103      | SOUTHERN SAN JUAN CHANNEL      | 3      | 3  | 3  | 2  |
| 1104      | WASP PASS                      | 3      | 3  | 3  | 2  |
| 1105      | UPRIGHT CHANNEL                | 3      | 3  | 3  | 2  |
| 1106      | HARNEY CHANNEL                 | 3      | 3  | 3  | 2  |
| 1107      | OBSTRUCTION PASS               | 3      | 3  | 3  | 2  |
| 1108      | THATCHER PASS                  | 3      | 3  | 3  | 2  |
| 1201      | MOSQUITO/ROCHE COMPLEX         | 3      | 3  | 3  | 2  |
| 1202      | FRIDAY HARBOR                  | 3      | 3  | 3  | 2  |
| 1203      | GRIFFIN BAY                    | 3      | 3  | 3  | 2  |
| 1205      | FISHERMAN BAY                  | 3      | 3  | 3  | 2  |
| 1206      | SWIFTS/SOAL BAYS               | 3      | 3  | 3  | 2  |
| 1207      | DEER HARBOR                    | 3      | 3  | 3  | 2  |
| 1208      | WEST SOUND                     | 3      | 3  | 3  | 2  |
| 1209      | EAST SOUND                     | 3      | 3  | 3  | 2  |
| 1210      | LOPEZ SOUND                    | 3      | 3  | 3  | 2  |
| 1401      | SKAGIT BAY                     | 2      | 1  | 1  | 1  |
| 1402      | PENN COVE/CRESCENT HARBOR      | 2      | 1  | 1  | 1  |
| 1403      | SARATOGA PASSAGE               | 2      | 1  | 1  | 2  |
| 1404      | HOLMES HARBOR                  | 2      | 1  | 1  | 1  |
| 1405      | PORT SUSAN                     | 2      | 1  | 1  | 1  |
| 1406      | POSSESSION SOUND               | 2      | 1  | 1  | 2  |
| 1501      | HOOD CANAL ENTRANCE            | 1      | 1  | 1  | 1  |
| 1502      | PORT LUDLOW                    | 1      | 1  | 1  | 1  |
| 1503      | PORT GAMBLE                    | 1      | 1  | 1  | 1  |

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

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

[Statutory Authority: Chapter 90.48 RCW. WSR 92-10-005 (Order 91-13), § 173-183-460, filed 4/23/92, effective 5/24/92.]