

TABLE 8-3
ESTIMATED TIME FOR AN UNMITIGATED SPILL TO CONTACT RESOURCE AREAS (MINIMUM 0.5% PROBABILITY) ¹

Season of Release	Probability of Contact \geq 0.5% Within 3 Days	Probability of Contact \geq 0.5% Within 10 Days	Probability of Contact \geq 0.5% Within 30 Days	Probability of Contact \geq 0.5% Within 90 Days	Probability of Contact \geq 0.5% Within 180 Days
Land Segments Contacted by Oil Release ²					
Winter - Ice Covered	33, 34 (5%) , 35	33, 34 (5%) , 35	33, 34 (11%) , 35, 36	32, 33, 34 (19%) , 35, 36	27, 28, 29, 31, 32, 33, 34 (24%) , 35, 36
Summer - Open Water	33, 34 (10%) , 35, 36	33, 34 (14%) , 35, 38	26-29, 33, 34 (19%) , 35-42	26-29, 33, 34 (22%) , 35-43	26-29, 33, 34 (22%) , 35-43
Ice/Sea Segments Contacted by Oil Release ²					
Winter - Ice Covered	7 (1%), 8 (1%)	7 (2%), 8 (2%)	6, 7, 8 (3%)	6, 7, 8 (11%) , 10, Simpson Lagoon	6, 7, 8 (24%) , 10 Simpson Lagoon
Summer - Open Water	7, 8 Simpson Lagoon/ Gwydyr Bay (19%)	6, 7, 8 (22%) , 9, 10 Simpson Lagoon/ Gwydyr Bay (22%) Lagoon Area Jago Lagoon	6, 7, 8 (34%) , 9-11 Simpson Lagoon/ Gwydyr Bay (30%) Lagoon Area Jago Lagoon	3-7, 8 (40%) , 9-11 Simpson Lagoon/ Gwydyr Bay (32%) Lagoon Area Jago Lagoon	3-7, 8 (40%) , 9-11 Simpson Lagoon/ Gwydyr Bay (32%) Lagoon Area Jago Lagoon

- Notes: 1 = Modeling data averaged by Minerals Management Service (MMS) for two launch points in the middle of leases Outer Continental Shelf (OCS) Y-0179 and Y-0181 to simulate an oil release in the vicinity of Seal Island.
- 2 = See Figures 8-4 and 8-5 for land and ice/sea segment resource areas designated in MMS Oil Spill Risk Analysis Modeling.
- Bold** = Segment with highest probability of contact for season and time period.
- \geq = Greater than or equal to
- % = Percent