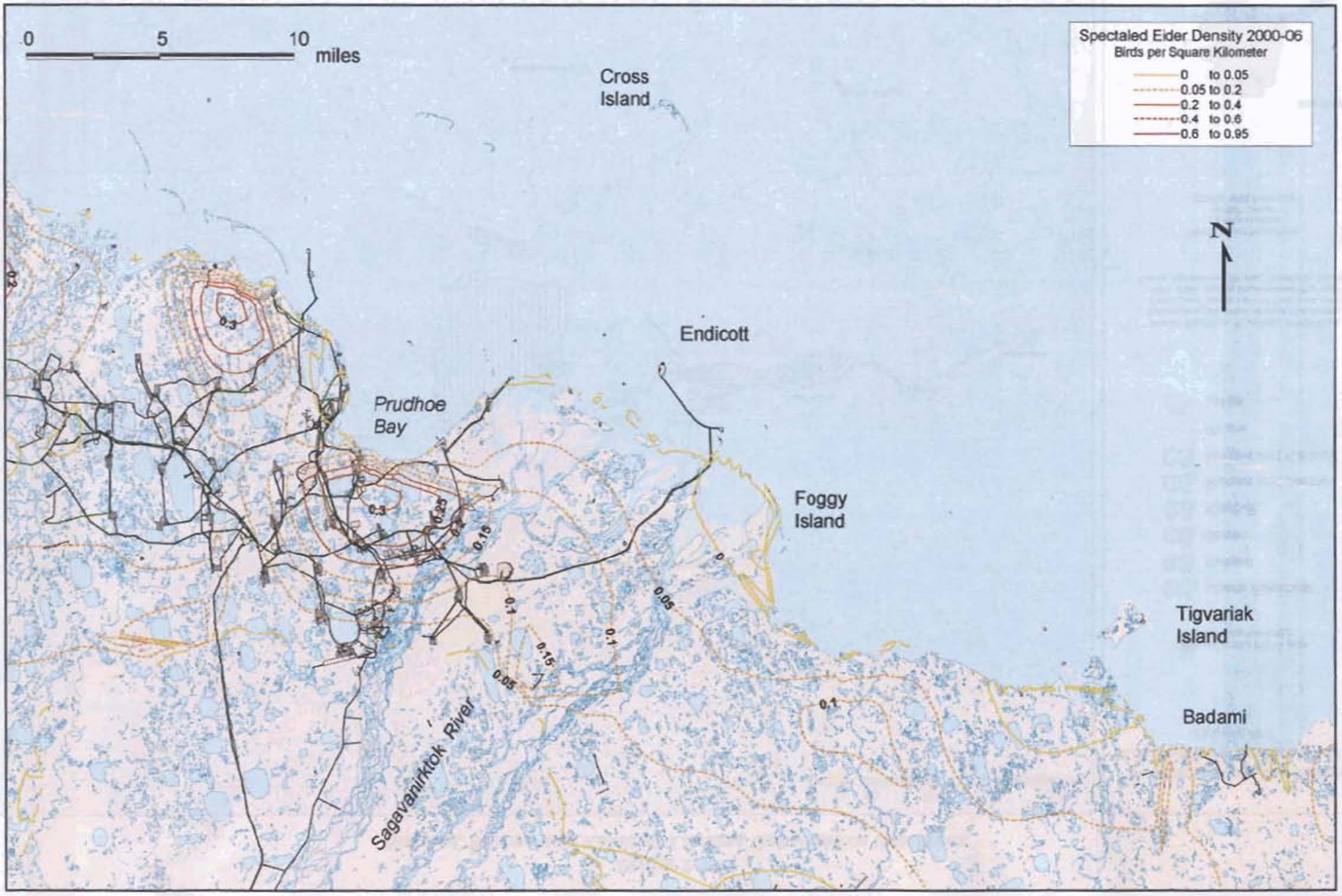
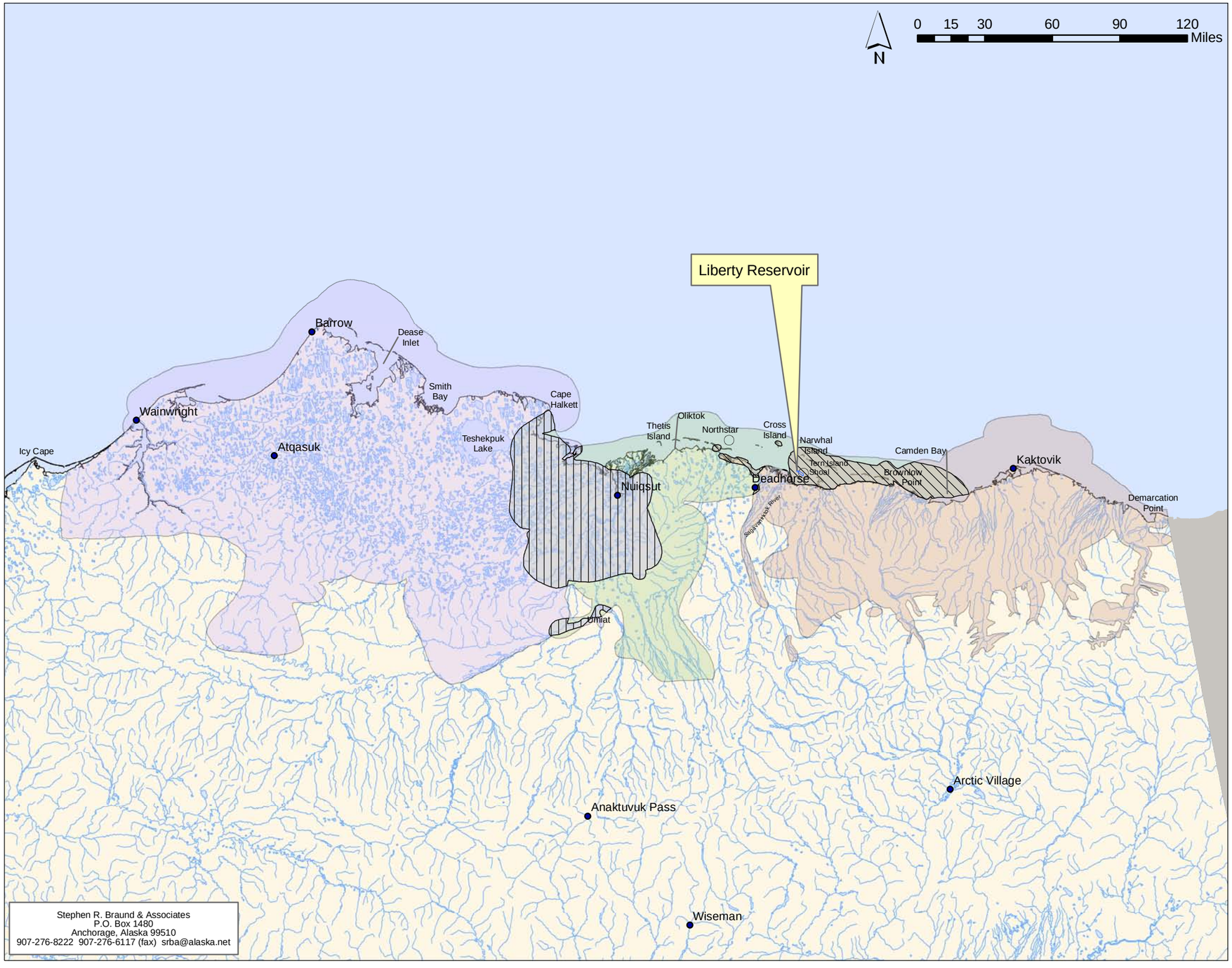
Figure 2.13-1
Relative Abundance of Spectacled Eiders in the Liberty Area
(Detail Based on Larned, Stehn, and Platte [2005])





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Nuiqsut, Barrow and Kaktovik Lifetime Subsistence Use Areas

Figure 2.15-1

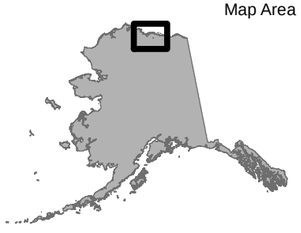
Other areas may also be used for resource harvesting.

- Liberty Reservoir
- Nuiqsut
- Barrow
- Kaktovik
- Nuiqsut and Barrow
- Nuiqsut and Kaktovik
- Rivers
- Lakes

Source: Pederson, S. In Prep. North Slope Subsistence Data Atlas, Nuiqsut Map Series, Extent Land Use by Nuiqsut Residents circa 1973-1986. Alaska Department of Fish and Game, Subsistence Division, Fairbanks, Alaska.

Alaska Albers Equal-Area
Conic projection
NAD27 Datum
(Clarke 1866 Spheroid)

Map Area



C:\gis\BP05\Maps\all_subsistence.pdf

Figure 2.15-2
Nuiqsut Subsistence Land Use, 1973-1986

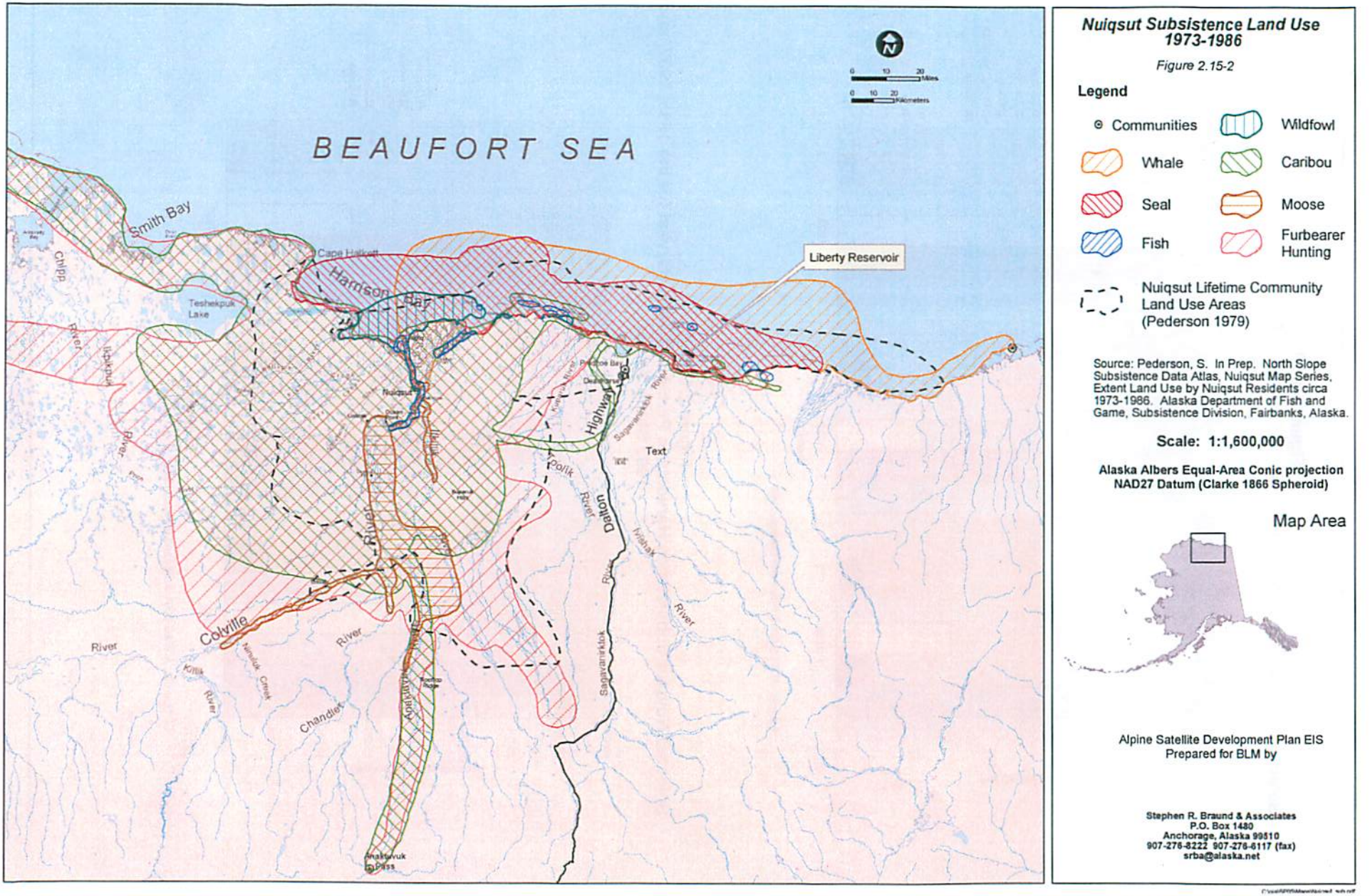
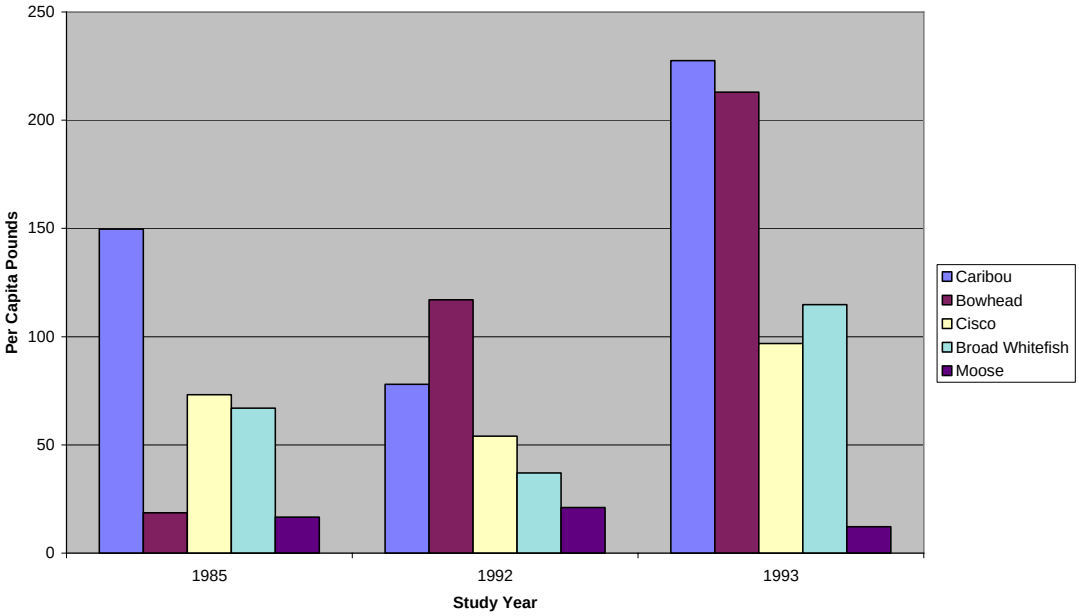
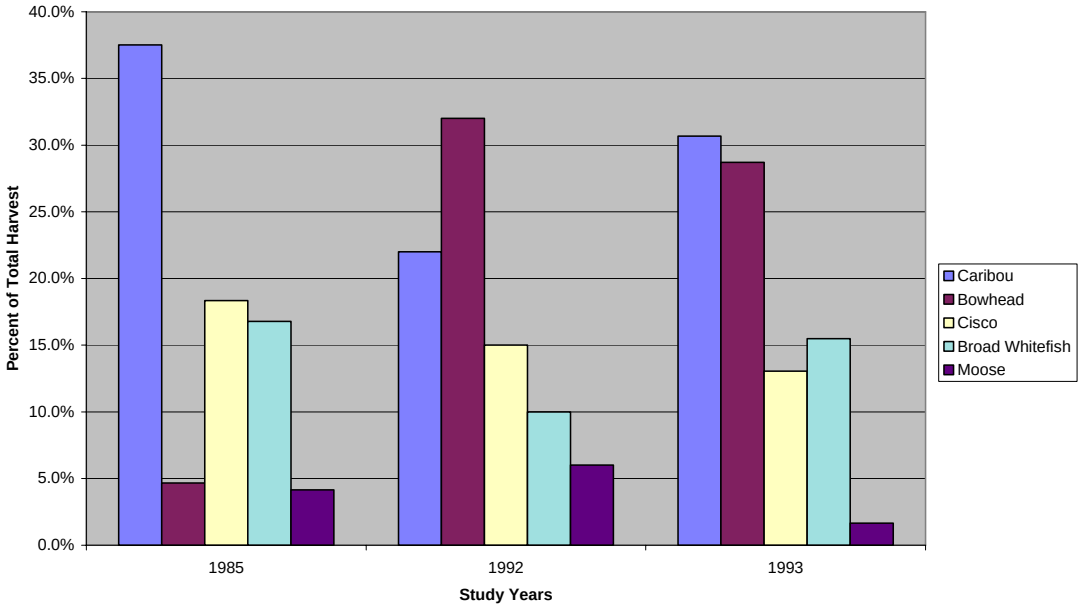


Figure 2.15-3
Selected Nuiqsut Subsistence Harvests in Per Capita Pounds for the 1985, 1992, and 1993 Study Years



Sources: ADF&G 2001; Fuller and George, 1999

Figure 2.15-4
Selected Nuiqsut Subsistence Harvests in Percent of Total Harvest for the 1985, 1992, and 1993 Study Years



Sources: ADF&G 2001; Fuller and George, 1999

Figure 2.15-5
Nuiqsut Subsistence Whaling Near Cross Island: 2001, 2002, 2003

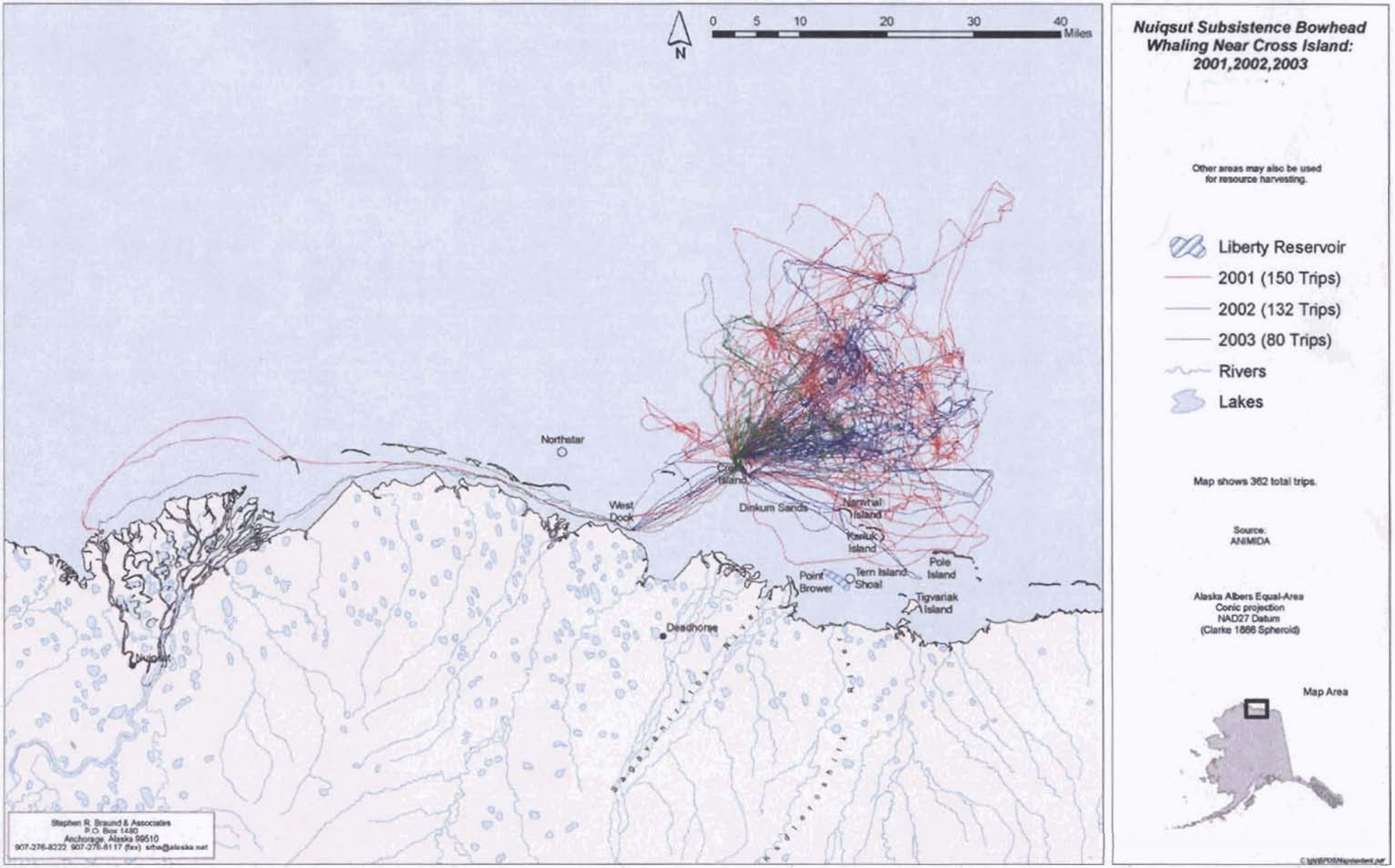
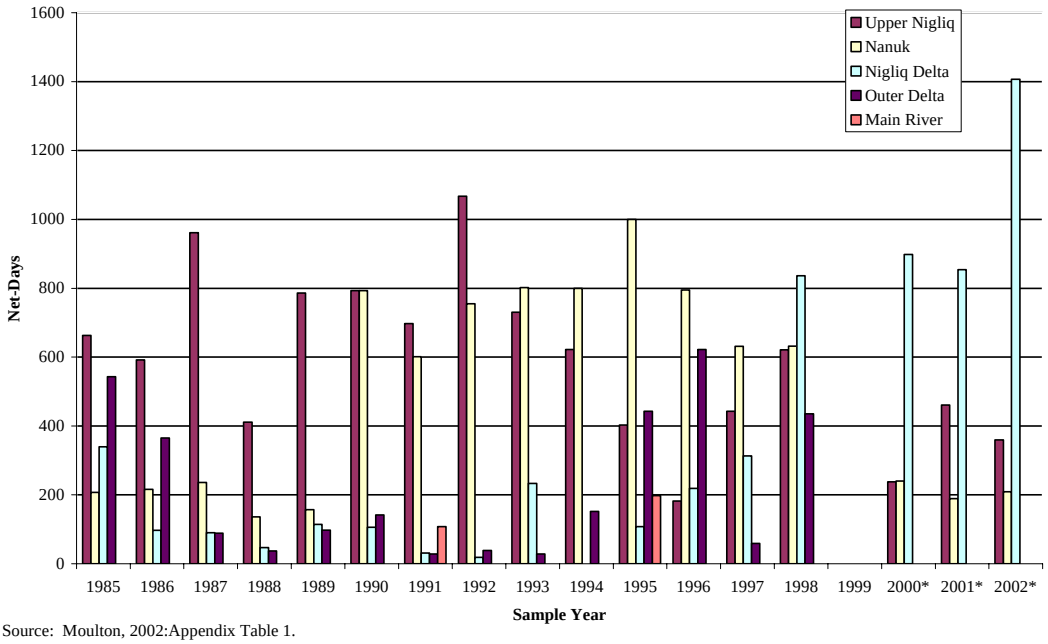


Figure 2.15-6
Estimated Fishing Effort in the Colville River Delta
Fall Subsistence Fishery in Net-Days, 1985-2002

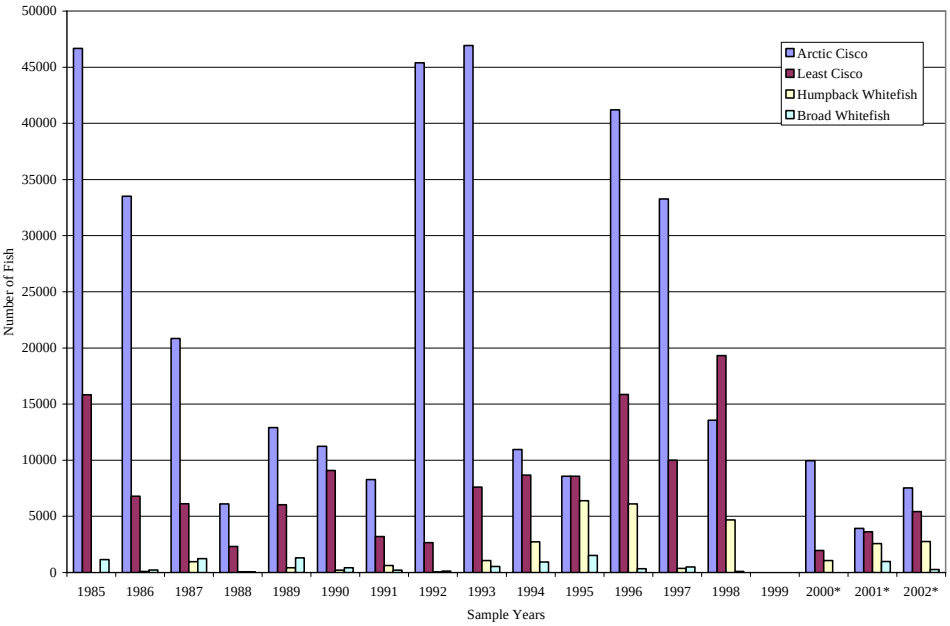


Source: Moulton, 2002:Appendix Table 1.

Stephen R. Braund & Associates, 2005.

* Harvest numbers represent only the Nigliq Channel harvest.

Figure 2.15-7
Estimated Whitefish Harvests for the Colville River Delta
Fall Subsistence Fishery, 1985-2002



Source: Moulton, 2002:Table 6.

Stephen R. Braund & Associates, 2005.

* Harvest numbers represent only the Nigliq Channel harvest.

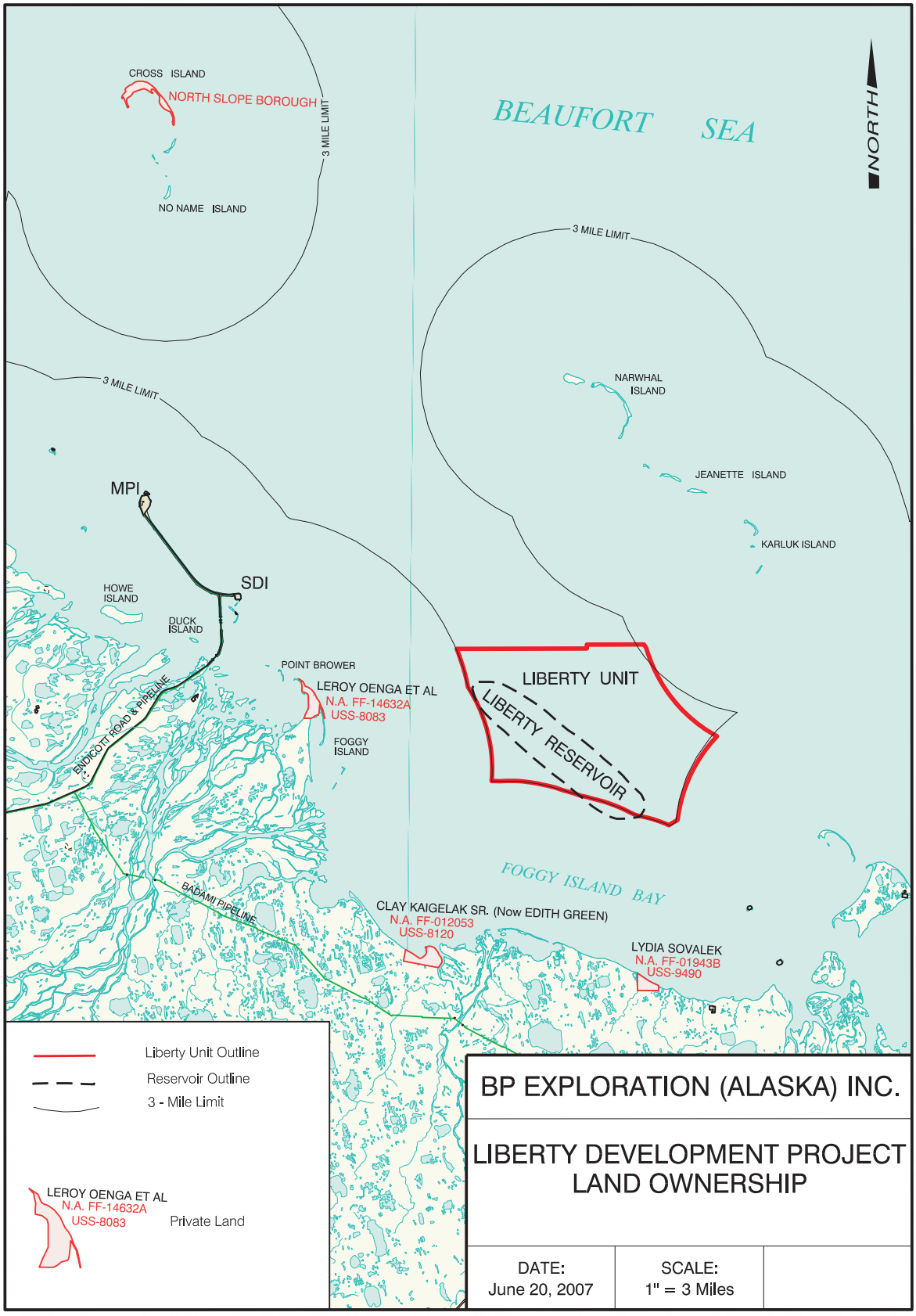


Figure 2.15-8 Liberty Development Project Land Ownership

Figure 3.4-1
Process for Estimating the Risk of an Oil Spill Using Historical ANS Spill Data
See Appendix A for detailed methods and results.

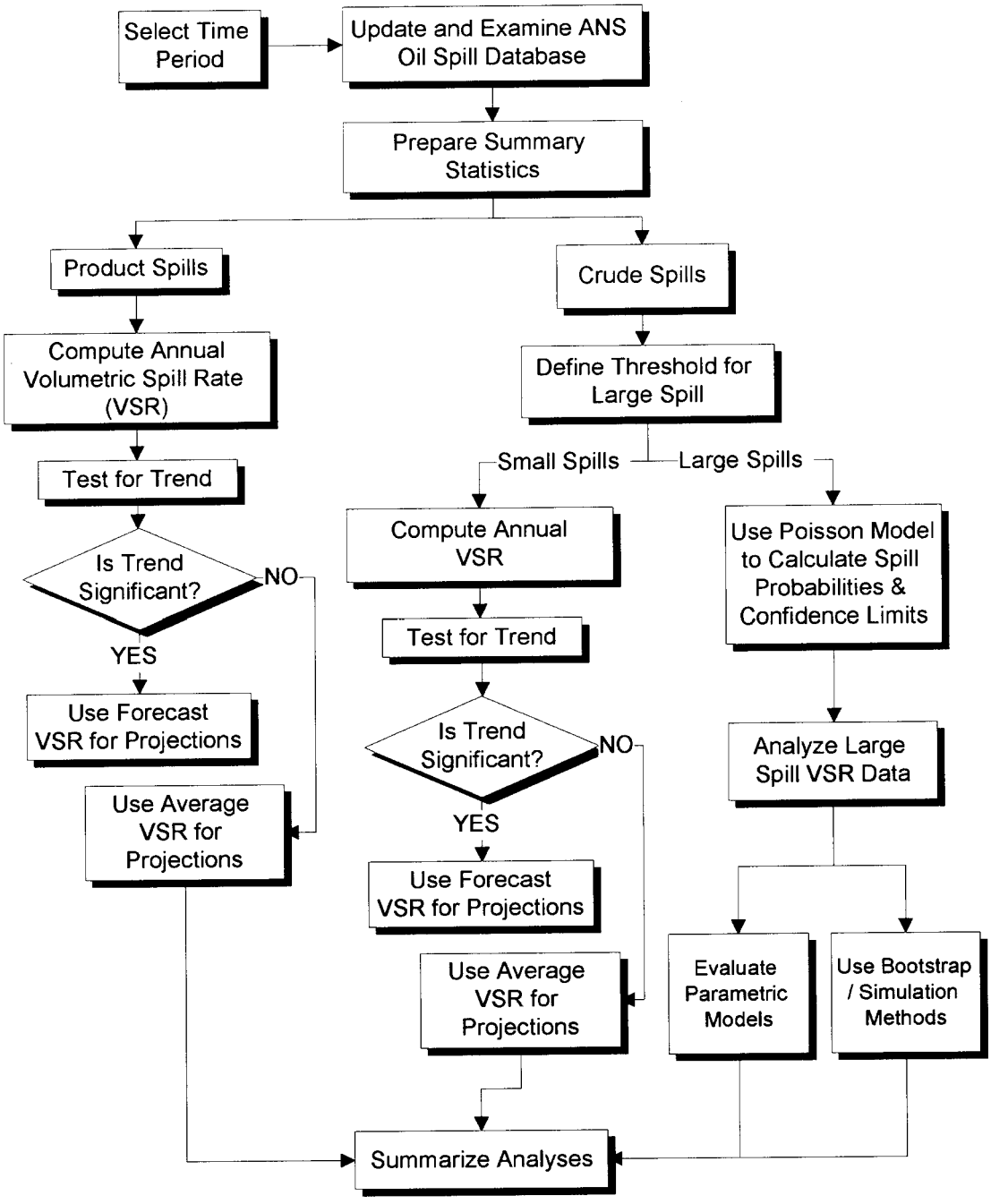
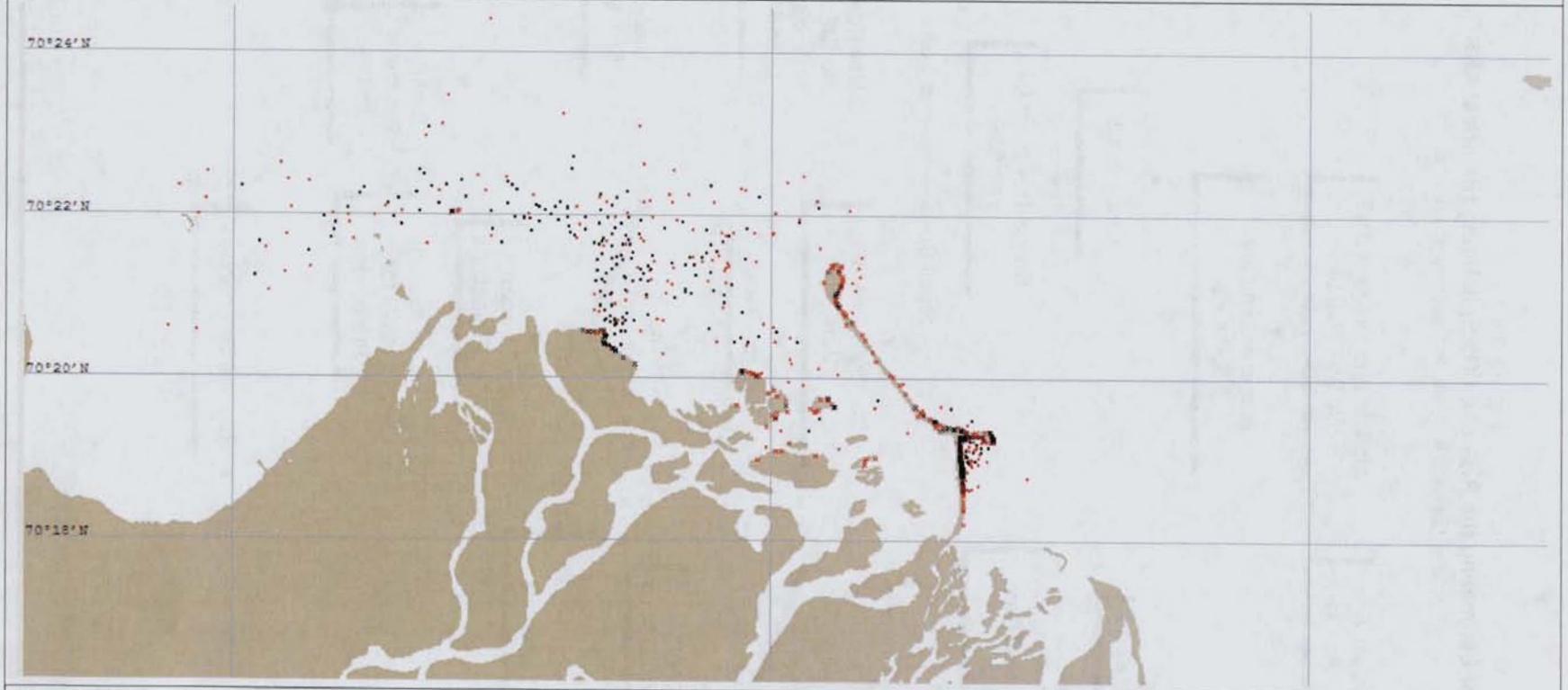


Figure 3.4-2
GNOME Model Oil Trajectory Plot for 24 Hours

Model Mode: Standard Estimate for: 08/01/06 24-hr Duration Prepared: 02/23/07	Model Name: Liberty

This trajectory was created using climatological currents from a GNOME Location File and is unlikely to represent conditions existing at any particular time at the depicted location.



Stefanson Sound Sag River speed 0.5144 m/s Shaviovik River speed: 0.5144 m/s Canning R. West speed: 0.5144 m/s Canning R. East / Tamayariak R. speed: 0.5144 m/s Wind: Constant 10 knots from ENE Number of Spills: 1 Spill Location: Latitude 70°19.22'N Longitude 147°51.67'W	Black Splots: Best Guess, Red Splots: Uncertainty Splot Mass Balance Totals (Best guess): Released: 999 bbl Evaporated and Dispersed: 227 bbl Beached: 575 bbl Off Map: 0 bbl Floating: 197 bbl	

Figure 3.4-3
GNOME Model Oil Trajectory Plot for 72 Hours

Model Mode: Standard Estimate for: 08/01/06 72-hr Duration Prepared: 02/23/07	Model Name: Liberty
This trajectory was created using climatological currents from a GNOME Location File and is unlikely to represent conditions existing at any particular time at the depicted location.	

Stefanson Sound Sag River speed 0.5144 m/s Shaviovik River speed: 0.5144 m/s Canning R. West speed: 0.5144 m/s Canning R. East / Tamayariak R. speed: 0.5144 m/s Wind: Constant 10 knots from ENE Number of Spills: 1 Spill Location: Latitude 70°19.22'N Longitude 147°51.67'W	Black Splots: Best Guess, Red Splots: Uncertainty Splot Mass Balance Totals (Best guess): Released: 999 bbl Evaporated and Dispersed: 383 bbl Beached: 587 bbl Off Map: 0 bbl Floating: 29 bbl	