



ADIOS2 ANALYSIS

Oil Name = DIESEL FUEL OIL (SOUTHERN USA 1997)

API = 37.6

Pour Point = 7 deg F

Wind Speed = constant at 10 knots

Wave Height = computed from winds

Water Temperature = 71 deg F

Time of Initial Release = February 16, 0400 hours

Total Amount of Oil Released = 9,000 gal (1000 gal/hr)

Hours Spill	Released Gal		Evaporated Percent		Dispersed Percent		Remaining Percent
1	1,000	-	10	-	3	-	87
2	2,000		15		6		80
4	4,000	-	20	-	13	-	68
6	6,000		23		18		59
8	8,000	-	25	-	24	-	51
10	9,000		29		31		40
12	9,000	-	32	-	41	-	27
14	9,000		34		48		18
16	9,000	-	35	-	53	-	12

Note, the NOAA ADIOS2 Oil Weather model was run at a wind speed less than observed and forecasted to be conservative. A relatively high rate of diesel release was also factored into the analysis (again, to be conservative, or on the safe side, with respect to risk). The results are provided on the next page. In reality, a higher percentage would probably be dispersed with higher wind speeds.