

Aerial Dispersants Operations - Houma Status Report

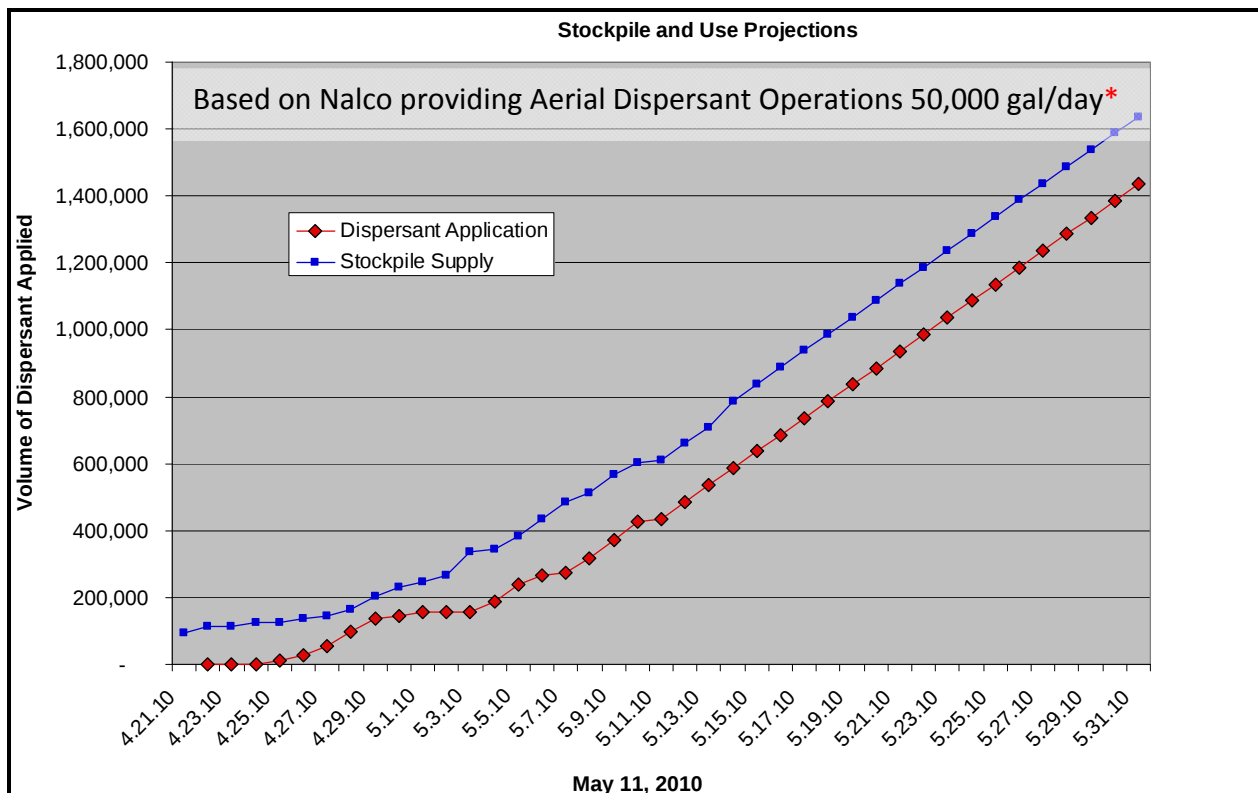
May 11, 2010

Note: This information is the reporting for aerial dispersant spraying

Dispersant Aerial Spray Summary:

1. Total Amount of Dispersant Applied on May 10, 2010 (gallons):	7,940
2. Total Sorties on May 10, 2010 :	2
3. Total Amount of Dispersant Applied to date (gallons):	436,246
4. Total Sorties to date:	165
5. Total Area Covered by Dispersant Applications to date (mi ²):	136.3
6. Total Dispersant Stockpiles on the ground as of 5.11.2010 – 1200 PM (gallons):	173,133
7. Dispersant Stockpile Expected Arrival as of 5.12.10 – 1200 PM (gallons):	11,500
8. Estimated Total Dispersant as of 5.12.2010 - 1200 PM (gallons):	184,633
9. Projected Days Operational at maximum rate of 50,000 gal/day (days):	unlimited

Dispersant Stockpile Supply and Use Projections



*Includes stock pile arrivals from Hawaii.

Asset Summary On Scene	
Spray Aircraft:	
C-130 – Stennis (1 IAR, 1 Lynden, 3 USAF)	5
DC-3 - Houma	2
BT-67 - Houma	1
King Air – 2 – Stennis (can be used for spotting)	2
AT-802 – Stennis	1
TOTAL:	11
Spotter Aircraft:	
King Air – 5 – Stennis	5
Aztec - Houma	1
Aero COMDR - Houma	1
TOTAL:	7
TOTAL AIRCRAFT:	18
PRIORITY Spray Assets Identified*	
Spray Aircraft:	LEAD TIME
C-130 – OSR-UK (20,000 gal/day) + 8-person support team with 2 flight crews	1 – 28 hours
C-130 – OSR-Singapore - (20,000 gal/day)	1 – 72 hours
C-130 – Lynden (Alaska) - (20,000 gal/day)	1 – 5+days
C-130 – IAR (15,000 gal/day)	1 – TBD
Boat Spray 50 and 100 Systems	2
AT 802 (Agriculture Spray Planes) (5,000 gal/day)	1
*NOTE: These assets will not be activated until sufficient stockpile of dispersants are available for their use. Estimate that dispersant operations will need approximately 75,000 gallons per day of dispersant for these air craft spray systems.	
Additional Spray Assets Identified	
Neat Sweep	In area

Activity Update:

- All aerial and boat dispersant spray operations were suspended pending operational review of plans, procedures and equipment. Based on the review, aerial spraying will continue tomorrow for Stennis Operations. Houma based aircraft will commence flying upon completion of equipment calibration. Report will follow tomorrow.
- Coordinated logistics for SMART, boat spray and water sampling activities for international team members.
- Continued development of the field sampling program, including design of program to assess impacts on water column and sediment dwelling organisms.
- Coordinated additional EXDET tests that are currently underway at LSU Oil Programs Laboratory with MS252 fresh and weathered oil.

Objectives

Objectives for May 11th were to focus spraying on thick oil areas outside of 15 nm radius around spill source and to evaluate the efficacy of the other likely dispersants candidates from the NCP Product Schedule. Additionally, boat spray testing of alternate dispersants will continue new Chandeleur Islands and the source area.

Requirements

Aircraft spotters should be on site in their zone at 0600 and spray aircraft may pre-stage to the site at 0645. Spray operations to commence approximately 0700.

DISPERSANT APPLICATION GUIDANCE FOR 11 MAY

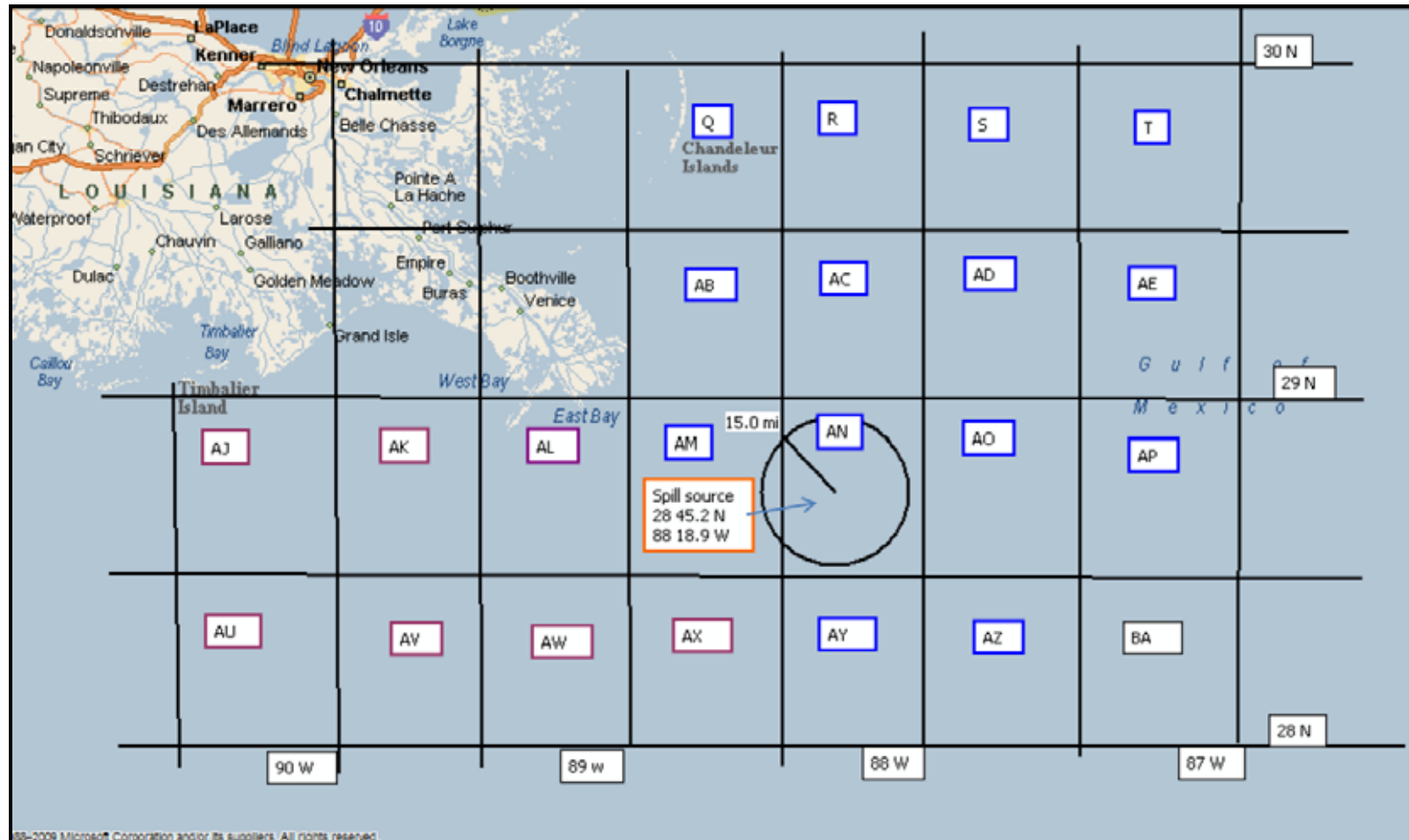
1. Remain 15 nm outside of spill source (28 45.2 N 88 18.9 W) until further notice. Do not enter specified zones to 3,000 feet until further notice for aerial dispersant missions.
2. FOSC approval has been granted since 22 April for application of dispersants in pre-approved areas.
3. No dispersant spraying within the greater of **3 nm** offshore or depths less than **10 meters**.
4. Remain **2 nm** from boats, platforms, and marine mammals.
5. Target black and brown oil as this is the freshest and most dispersible oil.
6. Report takeoff and landing times to assigned coordinators as they occur to the best of your abilities. Report areas sprayed Latitude/Longitude, time stated spraying, number of passes, and gallons applied.
7. Primary air to air communication frequency is now 126.4. Secondary is 123.45. Primary surface to air frequency is 122.9. Secondary is 123.45.
 - a. Contact P3 aircraft “Omaha 99” for flight advisories.
 - b. Also SMART, Surveillance “Transport 950”, “Seacor Lee” command vessel, and other Spotters.
8. Use discreet IFF codes as provided on separate correspondence. This removes need to file DVFR flight plans.

Primary emphasis is always on **Safety**. Aviate, Navigate, Communicate!
Continue emphasis on SMART inclusion in our dispersant effort.

AFF Automatic Flight Following:

- Air Force North - 0H<https://www.aff.gov/afn/afnorth.kmz>
- Civilian - 1H<https://www.aff.gov/cgi-bin/aff.dll>

Aerial Dispersant Operations Divisions:



Starting zone assignments: Purple-Houma/ Blue-Stennis

11 May

Remain 15 miles outside of spill source.

Dispersant Spray Assets

Aircraft Information –May 11, 2010						
Type	Owner/ Operator	Tail #	Payload (gal)	Airport / Status	Purpose & Altitude	Comments
Spotters						
King Air	MSRC (Dynamic)	N39Q		Stennis	Spotter – 1,000' to 1,500'	
King Air	MSRC (Dynamic)	N98N		Stennis	Spotter – 1,000' to 1,500'	
King Air	MSRC (Dynamic)	N41J		Stennis	Spotter – 1,000' to 1,500'	
King Air	MSRC (Dynamic)	N79W		Stennis	Spotter – 1,000' to 1,500'	
King Air	MSRC (Dynamic)	N37H		Stennis	Spotter – 1,000' to 1,500'	
Aztec (PA 23)	ASI	N141183		Houma	Backup Spotter	
Aero COMDR	ASI	N38WA		Houma	Spotter	
Recon						
King Air	ASI	N275		Houma	Recon	
Helo	ASI	759P		Houma	Recon	
Sprayers						
King Air	MSRC (Dynamic)	N7198Y	240	Stennis	Spray: 75'	Available for both Spray and Spotter duties
King Air	MSRC (Dynamic)	N71999D	240	Stennis	Spray: 75'	Available for both Spray and Spotter duties
C-130	IAR	N117TG	3,000	Stennis	Spray: 75'	
C-130	MSRC (Lynden)	N403LC	5,000	Stennis	Spray: 75'	Plus 5 other crew members
C-130	Air Force	105	1675	Stennis	Spray: 75'	
C-130	Air Force	106	1675	Stennis	Spray: 75'	Cargo ops with spray capability
C-130	Air Force	107	1750	Stennis	Spray: 75'	
AT-802		N9002K	800	Stennis	Spray: 90'	
BT-67	ASI	N932H	1,800	Houma	Spray: 75'	
DC-3	ASI	N64766	1,000	Houma	Spray: 75'	
DC-3	ASI	N64767	1,000	Houma – Standby	Spray: 75'	

Dispersant Application Totals

Dispersant Statistics Applied by Day						
Date	Dispersant Type (gallons)		Daily Totals	# Sorties	Acres Covered (5 gal/acre application rate)	Square Miles covered
	9500	9527				
21 April 2010	Initial Response Date					
22 April 2010	0	1,800	1,800	1	360	0.56
23 April 2010	0	0	0	0	0	0
24 April 2010	0	0	0	0	0	0
25 April 2010	0	11,604	11,604	9	2,320.8	3.7
26 April 2010	0	14,486	14,486	10	2,897.2	4.5
27 April 2010	11,191	15,887	27,078	5	5,415.6	8.5
28 April 2010	27,269	14,874	42,143	15	8,428.6	13.2
29 April 2010	36,913	4,000	40,913	13	8,182.6	12.8
30 April 2010	4,900	0	4,900	1	980.0	1.5
1 May 2010	3,550	8,103	11,653	4	2,330.6	3.6
2 May 2010	0	0	0	0	0	0
3 May 2010	0	0	0	0	0	0
4 May 2010	10,561	23,712	34,273	12	6,854.6	10.7
5 May 2010	30,905	18,670	49,575	18	9915	15.5
6 May 2010	13,032	15,738	28,770	11	5,754	9.0
7 May 2010	5,582	1,688	7,270	4	1,454	2.3
8 May 2010	17,813	23,877	41,690	17	8,338	13.0
9 May 2010	29,034	26,898	55,932	21	11,186.4	17.5
10 May 2010	29,240	26,980	56,220	22	11,244	17.6
11 May 2010	7,940	0	7,940	2	1,588	2.5
TOTALS	227,930	208,317	436,247	165	87,249	136.46