Paige Doelling

Scientific Support Coordinator
USCG D8

Sector Houston – Galveston
13411 Hillard St, Rm 4S04
Houston, Tx 77034

Telephone : 206-549-7819
24/7 Emergency: 206-526-4911
Paige.Doelling@noaa.gov

ITC Tank Fire, Deer Park, TX

9966370

Incident Information

On March 17 2019 Sector Houston-Galveston notified NOAA SSC about a tank farm fire in Deer Park, TX (Houston area). Fire extinguished March 20

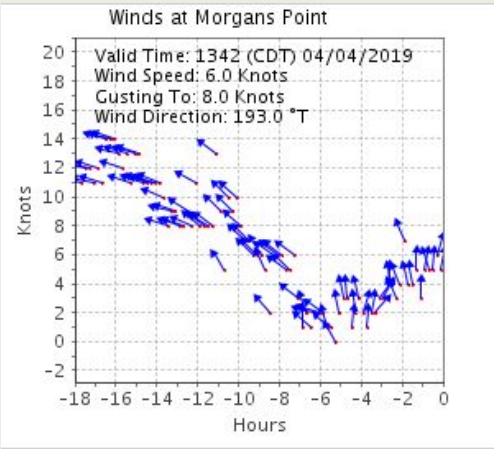
On March 22, a mixture of firewater, foam (AFFF), product, and residual combustion product was discharged at approximately 12:15 local when a containment wall was breached.

April 3 evening overflight reported that remaining regions with dark patches of floating material were contained by boom with some detrainment under the boom observed.

Second 80's Fire
19:00 Overflight Map
04/03/2019
The Response Group
Scale: 1:40,000
N
HOUSTON
East Fwy
Burnett Bay
Crystal Bay
Houston-Galveston COTP
Incident Location
Latitude: 29° 43' 56.273" N
Longitude: 95° 5' 27.6" W
0 2,000 4,000 6,000 8,000 10,000 Feet
Legend
Incident Location
Hard Boom
Dark
Rainbow
Sheen
COTP Zone
County/Parish
Federal Lands

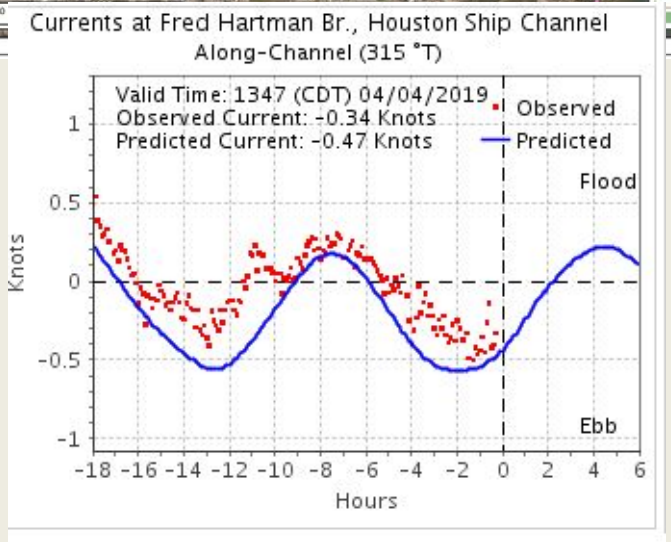
NOAA wind observations and forecast

- Winds overnight were E/SE at 5-10 kts
- Forecast for SSW winds this afternoon and tonight



This Afternoon	SSW wind around 10 kt. A chance of showers and thunderstorms. Patchy fog. Seas 1 ft or less.
Tonight	SSW wind 5 to 10 kt becoming variable and less than 5 kt after midnight. Areas of fog after 10pm. Seas 1 ft or less.
Friday	Variable winds 5 kt or less. A slight chance of showers after 1pm. Seas 1 ft or less.
Friday Night	Variable winds 5 kt or less. A chance of showers and thunderstorms after 1am. Seas 1 ft or less.
Saturday	SSE wind 5 to 10 kt. A chance of showers and thunderstorms. Seas 1 ft or less.

Point Forecast:	29.77°N 95.08°W
Last Update:	10:59 am CDT Apr 4, 2019
Forecast Valid:	2pm CDT Apr 4, 2019-6pm CDT Apr 10, 2019

Trajectory discussion

- Predominant southeasterly direction to winds has tended to confine floating material to west and north sides of channels
- SSW winds forecast tonight may aid any oil detraining from boom along western shorelines to move into channel
- Currents are ebbing until ~15:00, during this time movement of oil in the main channel would be southward not more than ~3 miles (furthest southern extent near Fred Hartman bridge)
- Dark oil is not expected to move outside the boundary previously predicted