



SCENARIOS FOR IN-SITU BURN PLUME:

1. Winds 15 knots, burn rate 500 bbls/hour, neutral stability

plume could be expected to go out to approx. 30 km at concentrations 150 mg/m³ or more, centerline expected approximately 900m high, ground level concentrations within first .25 mile exceed LOC.

2. Winds 25 knots, burn rate 500 bbls/hour, neutral stability

plume could be expected to go out to approx. 35 km at concentrations 150 mg/m³ or more, centerline expected approximately 500m high, ground level concentrations within first .25 mile exceed LOC.

3. Winds 15 knots, burn rate 1000 bbls/hour, neutral stability

plume could be expected to go out to approx. 40 km at concentrations 150 mg/m³ or more, centerline expected approximately 1200m high, ground level concentrations within first .25 mile exceed LOC.

4. Winds 25 knots, burn rate 1000 bbls/hour, neutral stability

plume could be expected to go out to approx. 50 km at concentrations 150 mg/m³ or more, centerline expected approximately 700m high, ground level concentrations within first .25 mile exceed LOC.

5. Winds 15 knots, burn rate 2000 bbls/hour, neutral stability

plume could be expected to go out to approx. 60 km at concentrations 150 mg/m³ or more, centerline expected approximately 1800m high, ground level concentrations within first .25 mile exceed LOC.

6. Winds 25 knots, burn rate 2000 bbls/hour, neutral stability

plume could be expected to go out to approx. 80 km at concentrations 150 mg/m³ or more, centerline expected approximately 900m high, ground level concentrations within first .25 mile exceed LOC.

Note: In the event of winds greater than 30 knots or low burn rates, ground level concentrations could exceed 150 mg/m³ for up to 10 km.