## Modélisation de la dispersion atmosphérique des toxiques en cas d'incendie d'une cellule de stockage de produits combustibles

	Condition A, vent 2 m/s	Condition D, vent 5 m/s	Condition F, vent 3 m/s
Suies	SITE DATA:   Location: BOIGNY-SUR-BIONNE, FRANCE   Building Air Exchanges Per Hour: 0.42 (unsheltered single storied)   Time: MAY 10, 2022 1032 hours DST (using computer's clock)   ATMOSPHERIC DATA: (MANUAL INPUT OF DATA)   Wind: 2 meters/second from SSW at 3 meters   Ground Roughness: open country   Cloud Cover: 5 tenths   Air Temperature: 20° C   Stability Class: 4 (user override)   No Inversion Height   Release Aute: 778,2 kilograms/sec   SOURCE STRENGTH:   Direct Source: 12,97 kilograms/sec   Source Height: 190 meters   Release Buration: 60 minutes   Release Atle: 778,2 kilograms/min   Total Amount Release: 46692 kilograms   Note: This chemical may flash boil and/or result in two phase flow.   Use both dispersion modules to investigate its potential behavior.   THREAT ZONE: (GAUSSIAN SELECTED)   Model Run: Gaussian   Red 1.20 c is not exceeded (79 mg/(cu m))   Note: Threat zone was not drawn because	SITE DATA:   Location: BOIGNY-SUR-BIONNE, FRANCE   Building Air Exchanges Per Hour: 1.04 (unsheltered single storied)   Time: MAY 10, 2022 1034 hours DST (using computer's clock)   ATMOSPHERIC DATA: (MANUAL INPUT OF DATA)   Wind: 5 meters/second from SSW at 3 meters   Ground Roughness: open country Cloud Cover: 5 tenths   Air Temperature: 20° C   Stability Class: D   No Inversion Height Relative Humidity: 50%   SOURCE STRENGTH:   Direct Source: 12.97 kilograms/sec   Source Height: 76 meters   Release Duration: 60 minutes   Release Rate: 778,2 kilograms/min   Total Amount Released: 44692 kilograms   Note: This chemical may flash boil and/or result in two phase flow.   Use both dispersion modules to investigate its potential behavior.   THREAT ZONE: (GAUSSIAN SELECTED)   Model Run: Gaussian   Red : LOC is not exceeded (79 mg/(cu m))   Note: Threat zone was not drawn because	SITE DATA:   Location: BOIGNY-SUR-BIONNE, FRANCE   Building Air Exchanges Per Hour: 0.65 (unsheltered single storied)   Time: MAY 10, 2022 1035 hours DST (using computer's clock)   ATMOSPHERIC DATA: (MANUAL INPUT OF DATA)   Wind: 3 meters/second from SSW at 3 meters   Ground Roughness: open country   Cloud Cover: 5 tenths   Air Temperature: 15 ° C   Stability Class: F (user override)   No Inversion Height   Release F (user override)   No Inversion Height   Release Duration: 60 minutes   Release Rate: 778,2 kilograms/sec   Source Height: 127 meters   Release Rate: 778,2 kilograms/min   Total Amount Released: 4662 kilograms   Note: This chemical may flash boil and/or result in two phase flow.   Use both dispersion modules to investigate its potential behavior.   THREAT ZONE: (GAUSSIAN SELECTED)   Model Run: Gaussian   Red 1:CC is not exceeded (79 mg/(cu m))   Net: Threat zone was not drawn because
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	Condition A, vent 2 m/s	Condition D, vent 5 m/s	Condition F, vent 3 m/s
	SITE DATA:	SITE DATA:	SITE DATA:
	Location: BOIGNY-SUR-BIONNE, FRANCE	Location: BOIGNY-SUR-BIONNE, FRANCE	Location: BOIGNY-SUR-BIONNE, FRANCE
	Building Air Exchanges Per Hour: 0.42 (unsheltered single storied)	Building Air Exchanges Per Hour: 1.04 (unsheltered single storied)	Building Air Exchanges Per Hour: 0.65 (unsheltered single storied)
	Time: MAY 10, 2022 1036 hours DST (using computer's clock)	Time: MAY 10, 2022 1037 hours DST (using computer's clock)	Time: MAY 10, 2022 1037 hours DST (using computer's clock)
	CHEMICAL DATA:	CHEMICAL DATA:	CHEMICAL DATA:
	Chemical Name: CARBON MONOXIDE Molecular Weight: 28.01 g/mol	Chemical Name: CARBON MONOXIDE Molecular Weight: 28.01 g/mol	Chemical Name: CARBON MONOXIDE Molecular Weight: 28.01 g/mol
	AEGL-1 (60 min): N/A AEGL-2 (60 min): 83 ppm AEGL-3 (60 min): 330 ppm	AEGL-1 (60 min): N/A AEGL-2 (60 min): 83 ppm AEGL-3 (60 min): 330 ppm	AEGL-1 (60 min): N/A AEGL-2 (60 min): 83 ppm AEGL-3 (60 min): 330 ppm
	IDLH: 1200 ppm LEL: 125000 ppm UEL: 742000 ppm	IDLH: 12000 ppm LEL: 125000 ppm UEL: 742000 ppm	IDLH: 1200 ppm LEL: 125000 ppm UEL: 742000 ppm
	Ambient Boiling Point: -191.5° C	Ambient Boiling Point: -191.5° C	Ambient Boiling Point: -191.5° C
	Vapor Pressure at Ambient Temperature: greater than 1 atm	Vapor Pressure at Ambient Temperature: greater than 1 atm	Vapor Pressure at Ambient Temperature: greater than 1 atm
	Ambient Saturation Concentration: 1,000,000 ppm or 100.0%	Ambient Saturation Concentration: 1,000,000 ppm or 100.0%	Ambient Saturation Concentration: 1,000,000 ppm or 100.0%
со	ATMOSPHERIC DATA: (MANUAL INPUT OF DATA)	ATMOSPHERIC DATA: (MANUAL INPUT OF DATA)	ATMOSPHERIC DATA: (MANUAL INPUT OF DATA)
	Wind: 2 meters/second from SSW at 3 meters	Wind: 5 meters/second from SSW at 3 meters	Wind: 3 meters/second from SSW at 3 meters
	Ground Roughness: open country Cloud Cover: 5 tenths	Ground Roughness: open country Cloud Cover: 5 tenths	Ground Roughness: open country Cloud Cover: 5 tenths
	Air Temperature: 20° C	Air Temperature: 20° C	Air Temperature: 15° C
	Stability Class: A (user override)	Stability Class: D	Stability Class: F (user override)
	No Inversion Height Relative Humidity: 50%	No Inversion Height Relative Humidity: 50%	No Inversion Height Relative Humidity: 50%
	SOURCE STRENGTH:	SOURCE STRENGTH:	SOURCE STRENGTH:
	Direct Source: 40,68 kilograms/sec Source Height: 190 meters	Direct Source: 40,68 kilograms/sec Source Height: 76 meters	Direct Source: 40,68 kilograms/sec Source Height: 127 meters
	Release Duration: 60 minutes	Release Duration: 60 minutes	Release Duration: 60 minutes
	Release Rate: 2440,8 kilograms/min	Release Rate: 2440,8 kilograms/min	Release Rate: 2440,8 kilograms/min
	Total Amount Released: 146448 kilograms	Total Amount Released: 146448 kilograms	Total Amount Released: 146448 kilograms
	Note: This chemical may flash boil and/or result in two phase flow.	Note: This chemical may flash boil and/or result in two phase flow.	Note: This chemical may flash boil and/or result in two phase flow.
	Use both dispersion modules to investigate its potential behavior.	Use both dispersion modules to investigate its potential behavior.	Use both dispersion modules to investigate its potential behavior.
	THREAT ZONE: (GAUSSIAN SELECTED)	THREAT ZONE: (GAUSSIAN SELECTED)	THREAT ZONE: (GAUSSIAN SELECTED)
	Model Run: Gaussian	Model Run: Gaussian	Model Run: Gaussian
	Red : LOC is not exceeded (3680 mg/(cu m))	Red :LOC is not exceeded (3680 mg/(cu m))	Red : LOC is not exceeded (3680 mg/(cu m))
	Note: Threat zone was not drawn because	Note: Threat zone was not drawn because	Note: Threat zone was not drawn because
	the ground level concentrations never exceed the LOC.	the ground level concentrations never exceed the LOC.	the ground level concentrations never exceed the LOC.
	Orange: LOC is not exceeded (920 mg/(cu m))	Orange: LOC is not exceeded (920 mg/(cu m))	Orange: LOC is not exceeded (920 mg/(cu m))
	Note: Threat zone was not drawn because	Note: Threat zone was not drawn because	Note: Threat zone was not drawn because
	the ground level concentrations never exceed the LOC.	the ground level concentrations never exceed the LOC.	the ground level concentrations never exceed the LOC.

	Condition A, vent 2 m/s	Condition D, vent 5 m/s	Condition F, vent 3 m/s
CO2	SITE DATA:   Location: BOIGNY-SUR-BIONNE, FRANCE   Building Air Exchanges Per Hour: 0.42 (unsheltered single storied)   Time: MAY 10, 2022 1038 hours DST (using computer's clock)   CHEMICAL DATA:   Chemical Name: CARBON DIOXIDE Molecular Weight: 44.01 g/mol   PAC-1: 30000 ppm PAC-2: 30000 ppm   IDLH: 40000 ppm Normal Boiling Point: -unavail-   Vapor Pressure at Ambient Temperature: greater than 1 atm   Ambient Saturation Concentration: 1,000,000 ppm or 100.0%   Note: Not enough chemical data to use Heavy Gas option   ATMOSPHERIC DATA: (MANUAL INPUT OF DATA)   Wind: 2 meters/second from SSW at 3 meters   Ground Roughness: open country   Class: A (user override)   No Inversion Height Relative Humidity: 50%   SOURCE STRENGTH: Direct Source: 406,81 kilograms/sec   Source Height: 190 meters	SITE DATA:   Location: BOIGNY-SUR-BIONNE, FRANCE   Building Air Exchanges Per Hour: 1.04 (unsheltered single storied)   Time: MAY 10, 2022 1038 hours DST (using computer's clock)   CHEMICAL DATA:   Chemical Name: CARBON DIOXIDE Molecular Weight: 44.01 g/mol   PAC-1: 30000 ppm PAC-2: 30000 ppm   PAC-1: 30000 ppm PAC-2: 30000 ppm   PAC-1: 30000 ppm PAC-3: 50000 ppm   PAC-1: 30000 ppm PAC-2: 30000 ppm   PAC-1: 30000 ppm PAC-3: 50000 ppm   PAC-1: 30000 ppm PAC-3: 50000 ppm   IDLH: 40000 ppm Normal Boiling Point: -unavail-   Vapor Pressure at Ambient Temperature: greater than 1 atm Ambient Saturation Concentration: 1,000,000 ppm or 100.0%   Note: Not enough chemical data to use Heavy Gas option ATMOSPHERIC DATA: (MANUAL INPUT OF DATA)   Wind: 5 meters/second from SSW at 3 meters Ground Roughness: open country   Cloud Cover: 5 tenths Air Temperature: 20° C   Stability Class: D No Inversion Height   No Inversion Height Relative Humidity: 50%   SOURCE STRENGTH: Direct Source: 406.81 kilograms/sec Source Height: 76 meters	SITE DATA:   Location: BOIGNY-SUR-BIONNE, FRANCE   Building Air Exchanges Per Hour: 0.65 (unsheltered single storied)   Time: MAY 10, 2022 1038 hours DST (using computer's clock)   CHEMICAL DATA:   Chemical Name: CARBON DIOXIDE Molecular Weight: 44.01 g/mol   PAC-1: 30000 ppm PAC-3: 50000 ppm   IDLH: 40000 ppm Normal Boiling Point: -unavail-   Vapor Pressure at Ambient Temperature: greater than 1 atm   Ambient Saturation Concentration: 1,000,000 ppm or 100.0%   Note: Not enough chemical data to use Heavy Gas option   ATMOSPHERIC DATA: (MANUAL INPUT OF DATA)   Wind: 3 meters/second from SSW at 3 meters   Ground Roughness: open country Cloud Over: 5 tenths   Air Temperature: 15° C   Stability Class: F (user override) No Inversion Height   No Inversion Height Relative Humidity: 50%   SOURCE STRENGTH: Direct Source: 406,81 kliograms/sec   Source Height: 127 meters
	Release Duration: 60 minutes	Release Duration: 60 minutes	Release Duration: 60 minutes
	Release Rate: 24408,6 kilograms/min	Release Rate: 24408,6 kilograms/min	Release Rate: 24408,6 kilograms/min
	Total Amount Released: 1464516 kilograms	Total Amount Released: 1464516 kilograms	Total Amount Released: 1464516 kilograms
	THREAT ZONE: (GAUSSIAN SELECTED)	THREAT ZONE: (GAUSSIAN SELECTED)	THREAT ZONE: (GAUSSIAN SELECTED)
	Model Run: Gaussian	Model Run: Gaussian	Model Run: Gaussian
	Red : LOC is not exceeded (89980 mg/(cu m))	Red : LOC is not exceeded (89980 mg/(cu m))	Red : LOC is not exceeded (89980 mg/(cu m))
	Note: Threat zone was not drawn because	Note: Threat zone was not drawn because	Note: Threat zone was not drawn because

	Condition A, vent 2 m/s	Condition D, vent 5 m/s	Condition F, vent 3 m/s
	SITE DATA:	SITE DATA:	SITE DATA:
	Location: BOIGNY-SUR-BIONNE, FRANCE	Location: BOIGNY-SUR-BIONNE, FRANCE	Location: BOIGNY-SUR-BIONNE, FRANCE
	Building Air Exchanges Per Hour: 0.42 (unsheltered single storied) Time: MAY 10, 2022 1039 hours DST (using computer's clock)	Building Air Exchanges Per Hour: 1.04 (unsheltered single storied) Time: MAY 10, 2022 1039 hours DST (using computer's clock)	Building Air Exchanges Per Hour: 0.65 (unsheltered single storied) Time: MAY 10, 2022 1040 hours DST (using computer's clock)
	CHEMICAL DATA: Warning: HYDROGEN CHLORIDE can react with water and/or water vapor. This can affect the evaporation rate and downwind dispersion. ALOHA cannot	CHEMICAL DATA: Warning: HYDROGEN CHLORIDE can react with water and/or water vapor. This can affect the evaporation rate and downwind dispersion. ALOHA cannot	CHEMICAL DATA: Warning: HYDROGEN CHLORIDE can react with water and/or water vapor. This can affect the evaporation rate and downwind dispersion. ALOHA cannot
	accurately predict the air hazard if this substance comes in contact with water.	accurately predict the air hazard if this substance comes in contact with water.	accurately predict the air hazard if this substance comes in contact with water.
	Chemical Name: HYDROGEN CHLORIDE Molecular Weight: 36.46 g/mol AEGL-1 (60 min): 1.8 ppm AEGL-2 (60 min): 22 ppm AEGL-3 (60 min): 100 ppm IDI H: 50 ppm	Chemical Name: HYDROGEN CHLORIDE Molecular Weight: 36.46 g/mol AEGL-1 (60 min): 1.8 ppm AEGL-2 (60 min): 22 ppm AEGL-3 (60 min): 100 ppm IDI H: 50 ppm	Chemical Name: HYDROGEN CHLORIDE Molecular Weight: 36.46 g/mol AEGL-1 (60 min): 1.8 ppm AEGL-2 (60 min): 22 ppm AEGL-3 (60 min): 100 ppm IDI H: 50 ppm
	Ambient Boiling Point: -85.0° C	Ambient Boiling Point: -85.0° C	Ambient Boiling Point: -85.0° C
	Vapor Pressure at Ambient Temperature: greater than 1 atm	Vapor Pressure at Ambient Temperature: greater than 1 atm	Vapor Pressure at Ambient Temperature: greater than 1 atm
	Ambient Saturation Concentration: 1,000,000 ppm or 100.0%	Ambient Saturation Concentration: 1,000,000 ppm or 100.0%	Ambient Saturation Concentration: 1,000,000 ppm or 100.0%
	ATMOSPHERIC DATA: (MANUAL INPUT OF DATA)	ATMOSPHERIC DATA: (MANUAL INPUT OF DATA)	ATMOSPHERIC DATA: (MANUAL INPUT OF DATA)
	Wind: 2 meters/second from SSW at 3 meters	Wind: 5 meters/second from SSW at 3 meters	Wind: 3 meters/second from SSW at 3 meters
HCI	Air Temperature: 20° C	Air Temperature: 20° C	Air Temperature: 15° C
	Stability Class: A (user override)	Stability Class: D	Stability Class: F (user override)
	No Inversion Height Relative Humidity: 50%	No Inversion Height Relative Humidity: 50%	No Inversion Height Relative Humidity: 50%
	SOURCE STRENGTH:	SOURCE STRENGTH:	SOURCE STRENGTH:
	Direct Source: 15,33 kilograms/sec Source Height: 190 meters Release Duration: 60 minutes	Direct Source: 15,33 kilograms/sec Source Height: 76 meters Release Duration: 60 minutes	Direct Source: 15,33 kilograms/sec Source Height: 127 meters Release Duration: 60 minutes
	Release Rate: 919,8 kilograms/min	Release Rate: 919,8 kilograms/min	Release Rate: 919,8 kilograms/min
	Total Amount Released: 55188 kilograms	Total Amount Released: 55188 kilograms	Total Amount Released: 55188 kilograms
	Note: This chemical may flash boil and/or result in two phase flow.	Note: This chemical may flash boil and/or result in two phase flow.	Note: This chemical may flash boil and/or result in two phase flow.
	THREAT ZONE: (GAUSSIAN SELECTED)	THREAT ZONE: (GAUSSIAN SELECTED)	THREAT ZONE: (GAUSSIAN SELECTED)
	Model Run: Gaussian	Model Run: Gaussian	Model Run: Gaussian
	Red : LOC is not exceeded (358 mg/(cu m))	Red : LOC is not exceeded (358 mg/(cu m))	Red : LOC is not exceeded (358 mg/(cu m))
	Note: Threat zone was not drawn because	Note: Threat zone was not drawn because	Note: Threat zone was not drawn because
	the ground level concentrations never exceed the LOC.	the ground level concentrations never exceed the LOC.	the ground level concentrations never exceed the LOC.
	Orange: LOC is not exceeded (60 mg/(cu m))	Orange: LOC is not exceeded (60 mg/(cu m))	Orange: LOC is not exceeded (60 mg/(cu m))
	Note: I hreat zone was not drawn because	Note: I nreat zone was not drawn because	Note: I hreat zone was not drawn because
	I the ground level concentrations hever exceed the LOC.	the ground level concentrations never exceed the LOC.	the ground level concentrations never exceed the LOC.

	Condition A, vent 2 m/s	Condition D, vent 5 m/s	Condition F, vent 3 m/s
HCN	SITE DATA:   Location: BOIGNY-SUR-BIONNE, FRANCE   Building AI: Exchanges Per Hour: 0.42 (unsheltered single storied)   Time: MAY 10, 2022 1040 hours DST (using computer's clock)   CHEMICAL DATA:   Chemical Name: HYDROGEN CYANIDE Molecular Weight: 27.03 g/mol   AEGL-1 (60 min): 2 ppm AEGL-2 (60 min): 7.1 ppm AEGL-3 (60 min): 15 ppm   IDLH: 50 ppm LEL: 56000 ppm UEL: 400000 ppm   Ambient Boiling Point: 25.5° C   Vapor Pressure at Ambient Temperature: 0.81 atm   Ambient Saturation Concentration: 807,489 ppm or 80.7%   ATMOSPHERIC DATA: (MANUAL INPUT OF DATA)   Wind: 2 meters/second from SSW at 3 meters   Ground Roughness: open country Cloud Cover: 5 tenths   Air Temperature: 20° C Stability Class: A (user override)   No Inversion Height Relative Humidity: 50%   SOURCE STRENGTH: Direct Source: 1,19 kilograms/sec   Source Height: 190 meters   Release Duration: 60 minutes Release Buration: 60 minutes   Release Buration: 60 Minutes THREAT ZONE: (GAUSSIAN SELECTED)   Model Run: Gaussian -(45 mg/(cu m))   Nole: LTCR is not exceeded (45 mg/(cu m)) Nole: There are are and there are are are and there are are are and there are are are are and there are are are are are are are are ar	SITE DATA:   Location: BOIGNY-SUR-BIONNE, FRANCE   Building Air Exchanges Per Hour: 1.04 (unsheltered single storied)   Time: MAY 10, 2022 1041 hours DST (using computer's clock)   CHEMICAL DATA:   Chemical Name: HYDROGEN CYANIDE Molecular Weight: 27.03 g/mol   AEGL-1 (60 min): 2 ppm AEGL-2 (60 min): 7.1 ppm AEGL-3 (60 min): 15 ppm   IDLH: 50 ppm LEL: 56000 ppm UEL: 400000 ppm   Ambient Boiling Point: 25.5° C   Vapor Pressure at Ambient Temperature: 0.81 atm   Ambient Saturation Concentration: 807,489 ppm or 80.7%   ATMOSPHERIC DATA: (MANUAL INPUT OF DATA)   Wind: 5 meters/second from SSW at 3 meters   Ground Roughness: open country Cloud Cover: 5 tenths   Air Temperature: 20° C   Stability Class: D No Inversion Height   No Inversion Height Relative Humidity: 50%   SOURCE STRENGTH: Direct Source: 1,14 kilograms/sec   Direct Zonce: 1,14 kilograms/min Total Amount Released: 4284 kilograms   THREAT ZONE: (GAUSSIAN SELECTED) Model Run: Gaussian   Red<: LOC is not exceeded (45 mg/(cu m)) Note: Threat zone was not drawn because	SITE DATA: Location: BOIGNY-SUR-BIONNE, FRANCE Building Air Exchanges Per Hour: 0.65 (unsheltered single storied) Time: MAY 10, 2022 1041 hours DST (using computer's clock) CHEMICAL DATA: Chemical Name: HYDROGEN CYANIDE Molecular Weight: 27.03 g/mol AEGL-1 (60 min): 2 ppm AEGL-2 (60 min): 7.1 ppm AEGL-3 (60 min): 15 ppm IDLH: 50 ppm LEL: 56000 ppm UEL: 400000 ppm Ambient Boiling Point: 25.5° C Vapor Pressure at Ambient Temperature: 0.81 atm Ambient Saturation Concentration: 807,489 ppm or 80.7% ATMOSPHERIC DATA: (MANUAL INPUT OF DATA) Wind: 3 meters/second from SSW at 3 meters Ground Roughness: open country Cloud Cover: 5 tenths Air Temperature: 15° C Stability Class: F (user override) No Inversion Height Relative Humidity: 50% SOURCE STRENGTH: Direct Source: 1,19 kilograms/sec Release Duration: 60 minutes Release Rate: 71.4 kilograms/sec THREAT ZONE: (GAUSSIAN SELECTED) Model Run: Gaussian Red : LOC is not exceeded (45 mg/(cu m)) Noto: Threat zone was ond drawn because
	the ground level concentrations never exceed the LOC.	the ground level concentrations never exceed the LOC.	the ground level concentrations never exceed the LOC.

	Condition A, vent 2 m/s	Condition D, vent 5 m/s	Condition F, vent 3 m/s
	SITE DATA:	SITE DATA:	SITE DATA:
	Location: BOIGNY-SUR-BIONNE, FRANCE	Location: BOIGNY-SUR-BIONNE, FRANCE	Location: BOIGNY-SUR-BIONNE, FRANCE
	Building Air Exchanges Per Hour: 0.42 (unsheltered single storied)	Building Air Exchanges Per Hour: 1.04 (unsheltered single storied)	Building Air Exchanges Per Hour: 0.65 (unsheltered single storied)
	Time: MAY 10, 2022 1042 hours DST (using computer's clock)	Time: MAY 10, 2022 1042 hours DST (using computer's clock)	Time: MAY 10, 2022 1043 hours DST (using computer's clock)
	ATMOSPHERIC DATA: (MANUAL INPUT OF DATA)	ATMOSPHERIC DATA: (MANUAL INPUT OF DATA)	ATMOSPHERIC DATA: (MANUAL INPUT OF DATA)
	Wind: 2 meters/second from SSW at 3 meters	Wind: 5 meters/second from SSW at 3 meters	Wind: 3 meters/second from SSW at 3 meters
	Ground Roughness: open country Cloud Cover: 5 tenths	Ground Roughness: open country Cloud Cover: 5 tenths	Ground Roughness: open country Cloud Cover: 5 tenths
	Air Temperature: 20° C	Air Temperature: 20° C	Air Temperature: 15° C
	Stability Class: A (user override)	Stability Class: D	Stability Class: F (user override)
	No Inversion Height Relative Humidity: 50%	No Inversion Height Relative Humidity: 50%	No Inversion Height Relative Humidity: 50%
	SOURCE STRENGTH:	SOURCE STRENGTH:	SOURCE STRENGTH:
Fumóos	Direct Source: 1852,4 kilograms/sec Source Height: 190 meters	Direct Source: 1852,4 kilograms/sec Source Height: 76 meters	Direct Source: 1852,4 kilograms/sec Source Height: 127 meters
i unices	Release Duration: 60 minutes	Release Duration: 60 minutes	Release Duration: 60 minutes
	Release Rate: 111144 kilograms/min	Release Rate: 111144 kilograms/min	Release Rate: 111144 kilograms/min
	Total Amount Released: 6668640 kilograms	Total Amount Released: 6668640 kilograms	Total Amount Released: 6668640 kilograms
	Note: This chemical may flash boil and/or result in two phase flow.	Note: This chemical may flash boil and/or result in two phase flow.	Note: This chemical may flash boil and/or result in two phase flow.
	Use both dispersion modules to investigate its potential behavior.	Use both dispersion modules to investigate its potential behavior.	Use both dispersion modules to investigate its potential behavior.
	THREAT ZONE: (GAUSSIAN SELECTED)	THREAT ZONE: (GAUSSIAN SELECTED)	THREAT ZONE: (GAUSSIAN SELECTED)
	Model Run: Gaussian	Model Run: Gaussian	Model Run: Gaussian
	Red : LOC is not exceeded (21705 mg/(cu m))	Red : LOC is not exceeded (21705 mg/(cu m))	Red : LOC is not exceeded (21705 mg/(cu m))
	Note: Threat zone was not drawn because	Note: Threat zone was not drawn because	Note: Threat zone was not drawn because
	the ground level concentrations never exceed the LOC.	the ground level concentrations never exceed the LOC.	the ground level concentrations never exceed the LOC.
	Orange: LOC is not exceeded (5568 mg/(cu m))	Orange: LOC is not exceeded (5568 mg/(cu m))	Orange: LOC is not exceeded (5568 mg/(cu m))
	Note: Threat zone was not drawn because	Note: Threat zone was not drawn because	Note: Threat zone was not drawn because
	the ground level concentrations never exceed the LOC.	the ground level concentrations never exceed the LOC.	the ground level concentrations never exceed the LOC.