20m Elevated (3.7m ht) Area Source (TANK)
No Particles
Met Station: Salem
SCIM Interval = 193 hrs, Wet Hour Sampling Frequency = 8
EIGHT WET SCIM'ING SAMPLES

No SCIM
Hi-Lo-Avg

Concentration (g/m³)
Wet Deposition Flux (kg/m²/yr)

Distance (meters)
20m Ground-Level Area Source (TANK_Grd Level)
No Particles
Met Station: Salem
SCIM Interval = 193 hrs, Wet Hour Sampling Frequency = 8
EIGHT WET SCIM'ING SAMPLES
---
No SCIM
---
Hi-Lo-Avg
100m Elevated (3.7m ht) Area Source (TANK_100m)
No Particles
Met Station: Salem
SCIM Interval = 193 hrs, Wet Hour Sampling Frequency = 8
EIGHT WET SCIM'ING SAMPLES

- **No SCIM**
- **Hi-Lo-Avg**
500m Elevated (3.7m ht) Area Source (TANK_500m)
No Particles
Met Station: Salem
SCIM Interval = 193 hrs, Wet Hour Sampling Frequency = 8
EIGHT WET SCIM'ING SAMPLES

- Black line: No SCIM
- Red line: Hi-Lo-Avg

Distance (meters)

Concentration (g/m³)

Wet Deposition Flux (kg/m²/yr)
1000m Elevated (3.7m ht) Area Source (TANK_1000m)
No Particles
Met Station: Salem
SCIM Interval = 193 hrs, Wet Hour Sampling Frequency = 8
EIGHT WET SCIM'ING SAMPLES

- No SCIM
- Hi-Lo-Avg
Concentration
Wet Deposition
Flux

Distance (meters)

Concentration (g/m³)
1E-005
0.0001
0.001
0.01
0.1

Wet Deposition Flux (kg/m²/yr)
0.1
0.01
0.001
0.0001
1E-005

20m Elevated (3.7m ht) Area Source (TANK)
No Particles
Met Station: Tucson
SCIM Interval = 193 hrs, Wet Hour Sampling Frequency = 8
EIGHT WET SCIM'ING SAMPLES

---

No SCIM
Hi-Lo-Avg

---

Distance (meters)
20m Ground Level Area Source (TANK _ Grd Level)
No Particles
Met Station: Tucson
SCIM Interval = 193 hrs, Wet Hour Sampling Frequency = 8
EIGHT WET SCIM'ING SAMPLES

- No SCIM
- Hi-Lo-Avg
100m Elevated (3.7m ht) Area Source (TANK_100m)
No Particles
Met Station: Tucson
SCIM Interval = 193 hrs, Wet Hour Sampling Frequency = 8
EIGHT WET SCIM'ING SAMPLES

- No SCIM
- Hi-Lo-Avg

Distance (meters)
Concentration (g/m³)
Wet Deposition Flux (kg/m²/yr)
500m Elevated (3.7m ht) Area Source (TANK_500m)
No Particles
Met Station: Tucson
SCIM Interval = 193 hrs, Wet Hour Sampling Frequency = 8
EIGHT WET SCIM'ING SAMPLES

- Black line: No SCIM
- Red line: Hi-Lo-Avg

Distance (meters)
Concentration (g/m³)
Wet Deposition Flux (kg/m²/yr)
1000m Elevated (3.7m ht) Area Source (TANK_1000m)
No Particles
Met Station: Tucson
SCIM Interval = 193 hrs, Wet Hour Sampling Frequency = 8
EIGHT WET SCIM'ING SAMPLES

- No SCIM
- Hi-Lo-Avg

[Graph showing concentration and wet deposition flux over distance]
Concentration
Wet Deposition
Flux

Distance (meters)

Concentration (g/m³)

Wet Deposition Flux (kg/m²/yr)

20m Elevated (3.7m ht) Area Source (TANK)
No Particles
Met Station: Wichita
SCIM Interval = 193 hrs, Wet Hour Sampling Frequency = 8
EIGHT WET SCIM'ING SAMPLES

- No SCIM
- Hi-Lo-Avg
20m Ground-Level Area Source (TANK_Grd Level)
No Particles
Met Station: Wichita
SCIM Interval = 193 hrs, Wet Hour Sampling Frequency = 8
EIGHT WET SCIM'ING SAMPLES
- No SCIM
- Hi-Lo-Avg
Concentration (g/m³)

Distance (meters)

Wet Deposition Flux (kg/m²/yr)

100m Elevated (37m H) Area Source (TANK_100m)
No Particles
No SCIM
Met Station: Wichita
SCIM Interval = 193 hrs, Wet Hour Sampling Frequency = 8
EIGHT WET SCIM'ING SAMPLES
Hi-Lo-Avg
500m Elevated (3.7m ht) Area Source (TANK_500m)
No Particles
Met Station: Tucson
SCIM Interval = 193 hrs, Wet Hour Sampling Frequency = 8
EIGHT WET SCIM'ING SAMPLES

- **No SCIM**
- **Hi-Lo-Avg**
1000m Elevated (3.7m ht) Area Source (TANK_1000m)
No Particles
Met Station: Wichita
SCIM Interval = 193 hrs, Wet Hour Sampling Frequency = 8
EIGHT WET SCIM'ING SAMPLES

- **No SCIM**
- **Hi-Lo-Avg**
Distribution of SCIM’d to NoSCIM Ratios at All Distances
TANK, Salem
Ratios of Wet Fluxes Paired in Space (Distance & Direction)
SCIM Interval = 193 hrs, Wet Hour Sampling Freq = 8
EIGHT WET SCIM’ING SAMPLES
Distribution of SCIM'd to NoSCIM Ratios at All Distances
TANK_Ground Level (No Particles), Salem
Ratios of Wet Fluxes Paired in Space (Distance & Direction)
SCIM Interval = 193 hrs, Wet Hour Sampling Freq = 8
EIGHT WET SCIM'ING SAMPLES
Distribution of SCIM'd to NoSCIM Ratios at All Distances
TANK_100m (Elevated, No Particles), Salem
Ratios of Wet Fluxes Paired in Space (Distance & Direction)
SCIM Interval = 193 hrs, Wet Hour Sampling Freq = 8
EIGHT WET SCIM'ING SAMPLES
Distribution of SCIM'd to NoSCIM Ratios at All Distances
TANK_500m (Elevated, No Particles), Salem
Ratios of Wet Fluxes Paired in Space (Distance & Direction)
SCIM Interval = 193 hrs, Wet Hour Sampling Freq = 8
EIGHT WET SCIM'ING SAMPLES
Distribution of SCIM'd to NoSCIM Ratios at All Distances
TANK_1000m (Elevated, No Particles), Salem
Ratios of Wet Fluxes Paired in Space (Distance & Direction)
SCIM Interval = 193 hrs, Wet Hour Sampling Freq = 8
EIGHT WET SCIM'ING SAMPLES
Distribution of SCIM'd to NoSCIM Ratios at All Distances
TANK, Tucson
Ratios of Wet Fluxes Paired in Space (Distance & Direction)
SCIM Interval = 193 hrs, Wet Hour Sampling Freq = 8
EIGHT WET SCIM'ING SAMPLES
Distribution of SCIM’d to NoSCIM Ratios at All Distances

TANK_Ground Level (No Particles), Tucson
Ratios of Wet Fluxes Paired in Space (Distance & Direction)
SCIM Interval = 193 hrs, Wet Hour Sampling Freq = 8
EIGHT WET SCIM’ING SAMPLES
Distribution of SCIM'd to NoSCIM Ratios at All Distances
TANK_100m (Elevated, No Particles), Tucson
Ratios of Wet Fluxes Paired in Space (Distance & Direction)
SCIM Interval = 193 hrs, Wet Hour Sampling Freq = 8
EIGHT WET SCIM'ING SAMPLES
Distribution of SCIM'd to NoSCIM Ratios at All Distances
TANK_500m (Elevated, No Particles), Tucson
Ratios of Wet Fluxes Paired in Space (Distance & Direction)
SCIM Interval = 193 hrs, Wet Hour Sampling Freq = 8
EIGHT WET SCIM'ING SAMPLES
Distribution of SCIM'd to NoSCIM Ratios at All Distances
TANK_1000m (Elevated, No Particles), Tucson
Ratios of Wet Fluxes Paired in Space (Distance & Direction)
SCIM Interval = 193 hrs, Wet Hour Sampling Freq = 8
EIGHT WET SCIM'ING SAMPLES
Distribution of SCIM'd to NoSCIM Ratios at All Distances
TANK, Wichita
Ratios of Wet Fluxes Paired in Space (Distance & Direction)
SCIM Interval = 193 hrs, Wet Hour Sampling Freq = 8
EIGHT WET SCIM'ING SAMPLES

Ratio

No. of Values (% of Total)
Distribution of SCIM'd to NoSCIM Ratios at All Distances
TANK_Ground Level (No Particles), Wichita
Ratios of Wet Fluxes Paired in Space (Distance & Direction)
SCIM Interval = 193 hrs, Wet Hour Sampling Freq = 8
EIGHT WET SCIM'ING SAMPLES
Distribution of SCIM'd to NoSCIM Ratios at All Distances
TANK_100m (Elevated, No Particles), Wichita
Ratios of Wet Fluxes Paired in Space (Distance & Direction)
SCIM Interval = 193 hrs, Wet Hour Sampling Freq = 8
EIGHT WET SCIM'ING SAMPLES
Distribution of SCIM'd to NoSCIM Ratios at All Distances
TANK_500m (Elevated, No Particles), Wichita
Ratios of Wet Fluxes Paired in Space (Distance & Direction)
SCIM Interval = 193 hrs, Wet Hour Sampling Freq = 8
EIGHT WET SCIM'ING SAMPLES
Distribution of SCIM'd to NoSCIM Ratios at All Distances
TANK_1000m (Elevated, No Particles), Wichita
Ratios of Wet Fluxes Paired in Space (Distance & Direction)
SCIM Interval = 193 hrs, Wet Hour Sampling Freq = 8
EIGHT WET SCIM'ING SAMPLES
Probability Curve for Wet Deposition Flux
20 m Ground-Level Area Source, No Particles (TANK_Grd Level)
Meteorological Station: Salem, OR
EIGHT WET SCIM'ING SAMPLES
SCIM Interval = 193 hours, Wet Sampling Frequency = 8
Probability Curve for Wet Deposition Flux
20 m Ground-Level Area Source, No Particles (TANK_Grd Level)
Meteorological Station: Salem, OR
EIGHT WET SCIM'ING SAMPLES
SCIM Interval = 193 hours, Wet Sampling Frequency = 8
Probability Curve for Wet Deposition Flux
100 m Elevated (3.7m ht) Area Source, No Particles (TANK_100m)
Meteorological Station: Salem, OR
EIGHT WET SCIM'ING SAMPLES
SCIM Interval = 193 hours, Wet Sampling Frequency = 8
Probability Curve for Wet Deposition Flux
500 m Elevated (3.7m ht) Area Source, No Particles (TANK_500m)
Meteorological Station: Salem, OR
EIGHT WET SCIM'ING SAMPLES
SCIM Interval = 193 hours, Wet Sampling Frequency = 8
Probability Curve for Wet Deposition Flux
1000m Elevated (3.7m ht) Area Source, No Particles (TANK_1000)
Meteorological Station: Salem, OR
EIGHT WET SCIM'ING SAMPLES

SCIM Interval = 193 hours, Wet Sampling Frequency = 8
Probability Curve for Wet Deposition Flux
20 m Elevated (3.7m ht) Area Source, No Particles (TANK)
Meteorological Station: Tucson, AZ
EIGHT WET SCIM'ING SAMPLES

SCIM Interval = 193 hours, Wet Sampling Frequency = 8
Probability Curve for Wet Deposition Flux
20 m Ground Level Area Source, No Particles (TANK _ Grd Level)
Meteorological Station: Tucson, AZ
EIGHT WET SCIM'ING SAMPLES
SCIM Interval = 193 hours, Wet Sampling Frequency = 8
Probability Curve for Wet Deposition Flux
500 m Elevated (3.7m ht) Area Source, No Particles (TANK_500m)
Meteorological Station: Tucson, AZ
EIGHT WET SCIM'ING SAMPLES
SCIM Interval = 193 hours, Wet Sampling Frequency = 8
Probability Curve for Wet Deposition Flux
1000m Elevated (3.7m ht) Area Source, No Particles (TANK_1000)
Meteorological Station: Tucson, AZ
EIGHT WET SCIM'ING SAMPLES
SCIM Interval = 193 hours, Wet Sampling Frequency = 8
Cumulative Probability (%) vs. % Error

Probability Curve for Wet Deposition Flux
20 m Elevated (3.7m ht) Area Source, No Particles (TANK)
Meteorological Station: Wichita, KS
EIGHT WET SCIM'ING SAMPLES
SCIM Interval = 193 hours, Wet Sampling Frequency = 8
Probability Curve for Wet Deposition Flux
20 m Ground-Level Area Source, No Particles (TANK_Grd Level)
Meteorological Station: Wichita, KS
EIGHT WET SCIM'ING SAMPLES
SCIM Interval = 193 hours, Wet Sampling Frequency = 8
Probability Curve for Wet Deposition Flux
100 m Elevated (3.7m ht) Area Source, No Particles (TANK_100m)
Meteorological Station: Wichita, KS
EIGHT WET SCIM'ING SAMPLES
SCIM Interval = 193 hours, Wet Sampling Frequency = 8
Probability Curve for Wet Deposition Flux
500 m Elevated (3.7m ht) Area Source, No Particles (TANK_500m)
Meteorological Station: Wichita, KS
EIGHT WET SCIM'ING SAMPLES
SCIM Interval = 193 hours, Wet Sampling Frequency = 8
Probability Curve for Wet Deposition Flux
1000m Elevated (3.7m ht) Area Source, No Particles (TANK_1000)
Meteorological Station: Wichita, KS
EIGHT WET SCIM'ING SAMPLES
- SCIM Interval = 193 hours, Wet Sampling Frequency = 8