

I/S Amager Ressourcecenter Sorteringsanlæg Reviderede spredningsberegninger med OML

**Rapport: 126-22081
Beregning udført i marts 2026
Projektleder: Thomas Rosenørn**

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2026-05-13**

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jmn@forcetechnology.com
Senior Project Manager

Underskriftberettiget

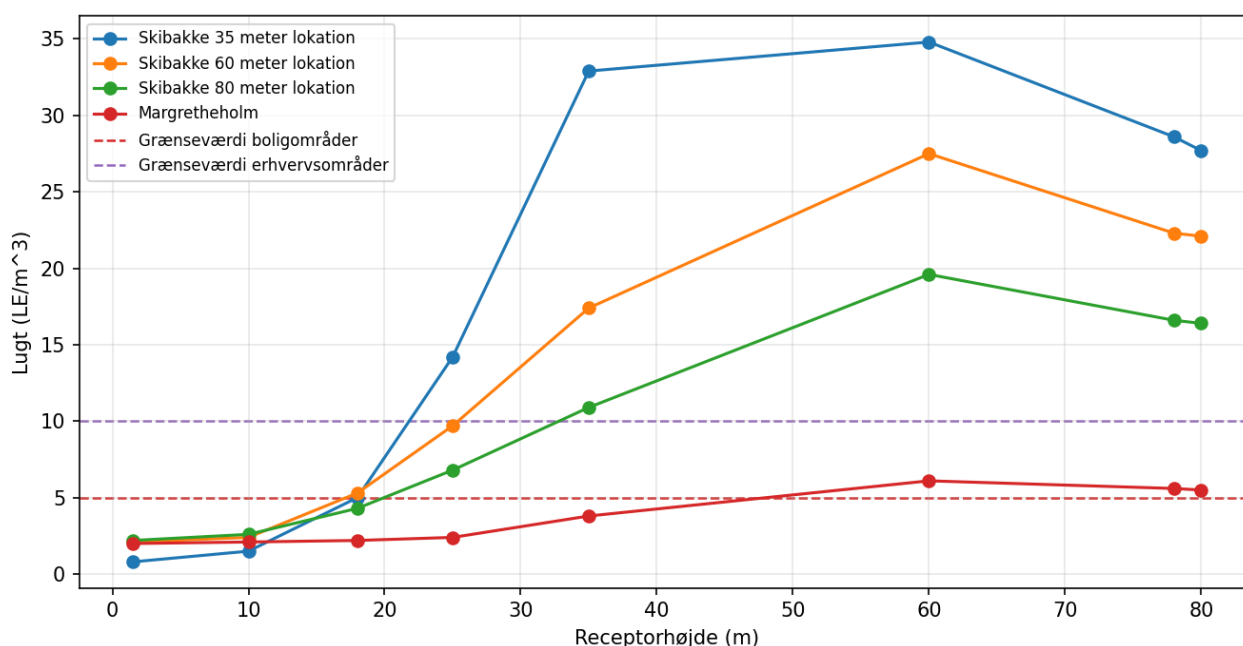
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Resumé

FORCE Technology har foretaget nogle supplerende spredningsberegninger for lugt på en 35 meter høj skorsten for I/S Amager Ressourcecenter. Der er tale om reviderede beregninger i forhold til OML-rapport 125-27596, maj 2025.

Der er i det væsentlige tale om beregninger med nye receptorhøjder, idet den tidligere beregning kun var lavet med receptorhøjden 1,5 meter i dette område.

Denne beregnings formål er, at klarlægge om ændringerne har indflydelse på de beregnede bidragsværdier.



Figur 1: Sammendrag af de beregnede koncentrationer for 4 forskellige udvalgte lokationer

Der findes ikke overskridelser af de gældende grænser for lugtbidrag ved receptorhøjder på 1,5 meter. Det ses dog at der er bidragsværdier på mere end både 5 LE/m^3 (ved receptorer højere end 10 meter over terræn) og 10 LE/m^3 (ved receptorhøjder på mere end 18 meter over terræn).

Boligområdet Margretheholm ligger i en afstand af 500 meter fra skorstenen i retningen 240-280 grader. Boligerne på Margretheholm er 6 etager, og er derfor vurderet til 25 meter høje. I beregningen med receptorhøjde 25 meter er det beregnede lugtbidrag 2-3 LE/m^3 i dette område.

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1 Indledning

FORCE Technology har i marts 2026 udført en spredningsberegning for I/S Amager Ressourcecenter.

Adresse: Vindmøllevej 6, 2300 København S
Rekvirent: I/S Amager Ressourcecenter ved Per Brask

Rapporten er udarbejdet af: Thomas Rosenørn

Beregningsresultater fremgår af kapitel 3. Beregningsresultatet gælder kun for de anvendte beregningsdata.

1.1 Formål

Formålet er at klarlægge effekten af ændrede receptorhøjder på det beregnede lugtbidrag. De forskellige receptorhøjder afspejler de forskellige bygninger i området samt tre forskellige højder på Amager Bakke

1.2 Grænseværdi for koncentration i omgivelserne

Miljømyndighederne har fastsat grænseværdier for maksimal koncentration af forskellige stoffer i omgivelserne. På baggrund af emissionsgrænseværdier eller målte værdier af stofferne, der sendes ud fra anlægget, beregnes koncentration af stofferne i omgivelserne ved hjælp af OML-modellen. Resultatet af beregningen skal sammenholdes med myndighedernes krav.

Grænseværdien for maksimalt tilladeligt koncentrationsbidrag af lugt i omgivelserne er normalt sat til 10 LE/m³ i industriområder, og 5 LE/m³ i boligområder, jfr. Miljøstyrelsens vejledning nr. 4/1985 (Lugtvejledning).

2 Data til OML-beregning

2.1 Grundlag for OML-beregningen

En uddybende beskrivelse af grundlaget for OML-beregningen er vedlagt som Bilag A.

2.2 Inddata

Data stammer fra tidligere OML-beregning udført af DMR Industrimiljø¹ og nye data udleveret af Amager Ressourcecenter. Styrken på lugtemissionen er opgivet af Amager Ressourcecenter og er baseret på input-data brugt til modellering af et tilsvarende anlæg i Norge². Terrænhøjder stammer fra Danmarks Højdemodel og er hentet fra Dataforsyningen.

¹ OML-beregninger, DMR Industrimiljø, 8. juli 2020

² Vedlagt ansøgningen som bilag 7a - Luktspredning og avkashøjdeberegninger for afvfallssorteringsanlegg – IVAR Forus

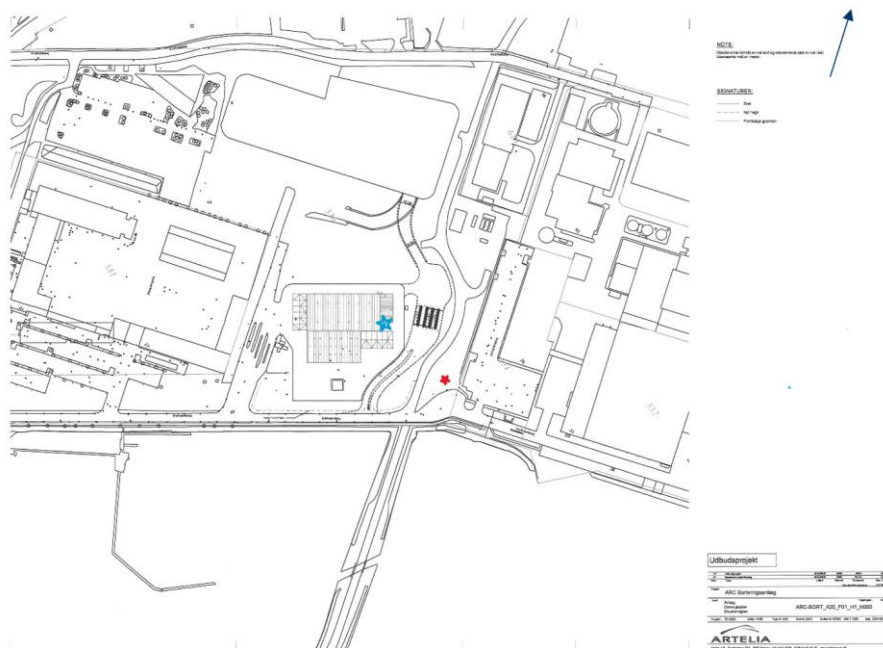
Tabel 2. Inddata til spredningsberegningen

Lugtemission, LE/s	118.040
Afkasthøjde, m	35
Luftvolumen, m ³ /h	100.000
Indre diameter, m	1,6
Temperatur, °C	18
Generel bygningshøjde, m	15

Den generelle bygningshøjde er højden på den bygning, som skorstenen er placeret ovenpå eller lige opad.

I OML-modellen fastsættes nulpunktet som regel i afkastets placering. Skorstenen er også centrum i disse beregninger. Den korteste afstand til skel findes mod øst, hvor afstanden er cirka 50 meter fra skorstenen. Denne afstand er derfor valgt som den første i beregningerne.

I Figur 2 ses den gamle og nye placering af skorstenen.



Figur 2: Rød stjerne; skorstenens planlagte placering i 2020, blå stjerne; skorstenens planlagte placering i 2025.

Det er for beregningen undersøgt om de omkringliggende bygninger har en afstand eller højde og dimension der gør at de vil kunne påvirke beregningsresultatet. Bygningerne og deres placeringer er vist i Figur 3.



Figur 3: Bygninger (retningsbestemte bygninger) i umiddelbar nærhed af sorteringsanlæg

Bygning 1: Lager af vejmateriel, åbent

Bygning 2: Værksted og lager, ingen vinduer i retning mod sorteringsanlæg

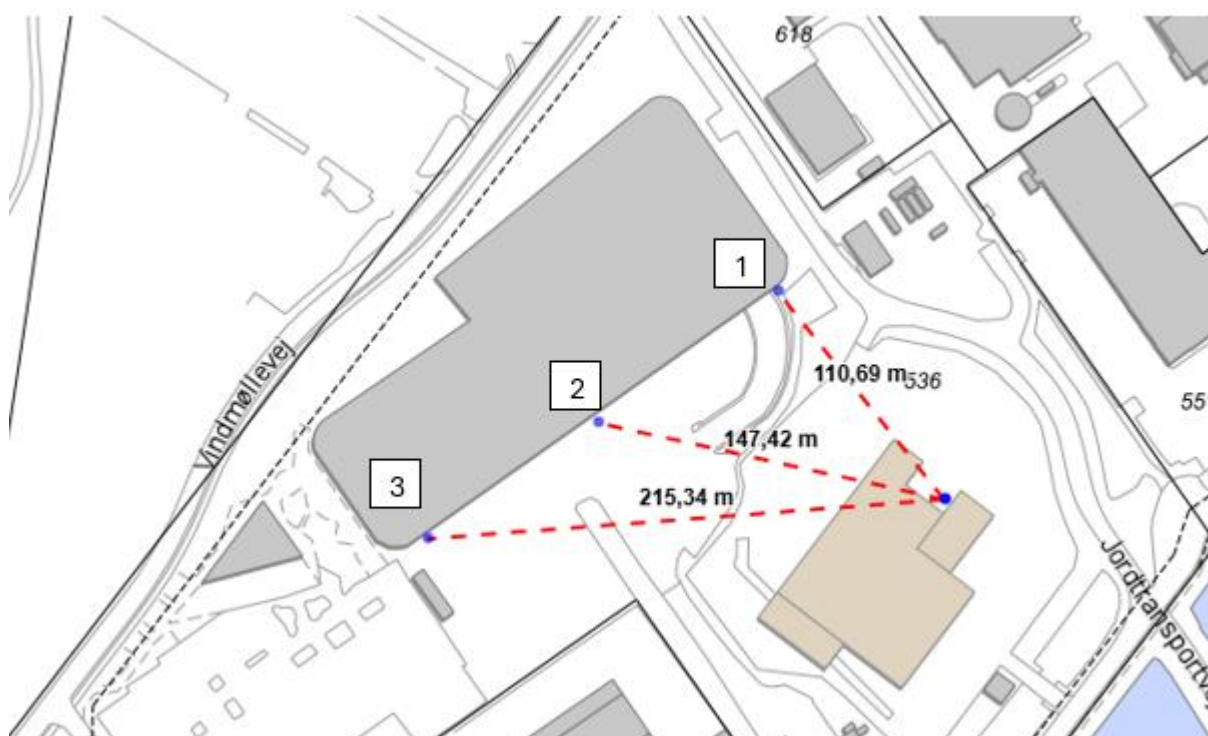
Bygning 3 og 4: Energinet 132 kV transformerstation. Ingen vinduer

Tabel 1 viser de data der er blevet brugt til at vurdere om de i Figur 2 viste bygninger vil have indflydelse på spredningsberegningerne og dermed skal medtages i modellen. Tabellen viser at ingen af bygningerne har en relevans for beregningerne som andet end receptorer.

Tabel 1: Data brugt til vurdering om bygninger omkring det nye afkast kan påvirke spredningsberegningerne.

Punkt jf. figur 2	Matrikelnr.	Bygningshøjde Hb, m	2 x Hb, m	Afstand, m	Indtastes som retningsafhængig bygning
1.	531, Amager-bros kvarter	15	30	180	Nej
2.	531, Amager-bros kvarter	8	16	190	Nej
3.	551, Amager-bros kvarter	12	24	80	Nej

4.	551, Amager-bros kvarter	21	42	68	Nej
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Figur 4: De tre undersøgte punkter på Amager Bakke.

Figur 4 viser de 3 undersøgte punkter på Amager Bakke. De tre punkter er både blevet undersøgt som potentielle interferenter i spredningsberegningerne og som receptorpunkter da der er offentlig adgang til området. Tabel 2 viser at de, ligesom de tidligere undersøgte bygninger, ikke skal medtages som retningsafhængige bygninger for afkastet, da de ikke forventes at påvirke spredningsberegningerne.

Tabel 2: Data brugt til vurdering om Amager Bakke forventes at påvirke spredningsberegningerne.

Punkt jf. figur 3	Bygningshøjde Hb, m	2 x Hb, m	Afstand, m	Indtastes som retnings- afhængig bygning
1.	35	70	111	Nej
2.	65	130	147	Nej
3.	85	170	215	Nej

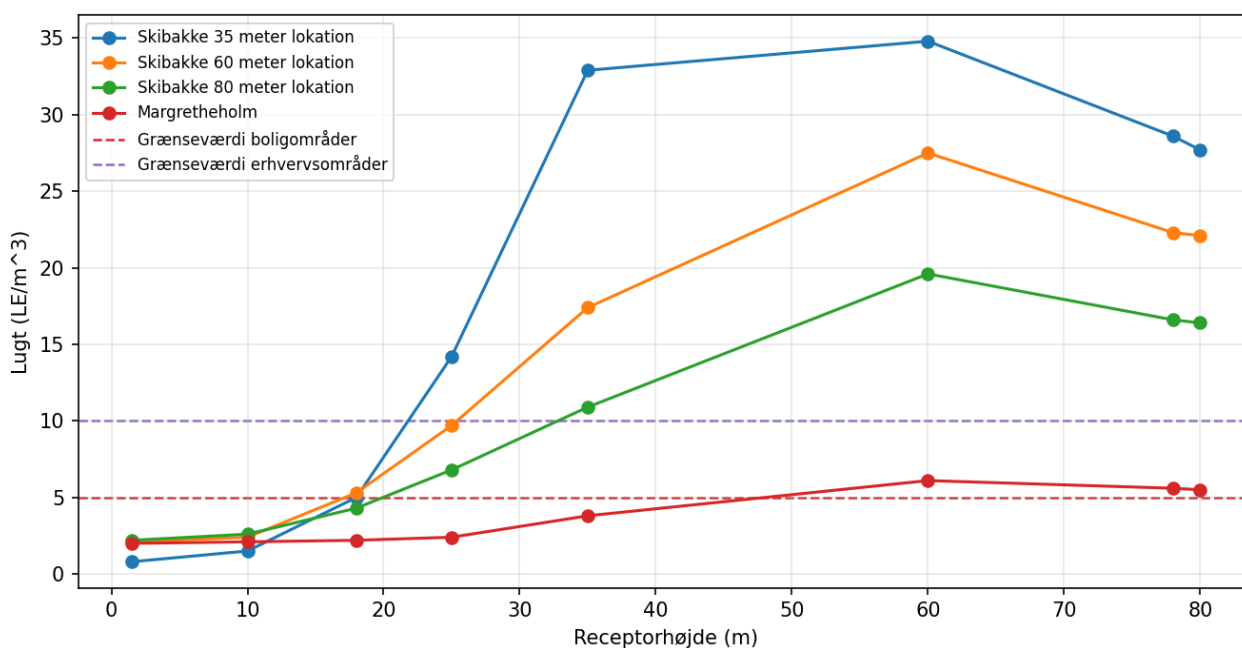
I Tabel 1 og Tabel 2 ses afstandene til mulige retningsafhængige bygninger i beregningerne. Kriteriet for indtastning i OML-modellen er, at bygningerne ligger indenfor en radius af to bygningshøjder fra skorstenen. Det ses, at ingen af bygningerne skal indtastes som retningsafhængige bygninger.

Terrænhældningerne er meget små og påvirker beregningsresultatet med cirka 2%. Terrændata er hentet fra dataforsyningen.

3 Resultater

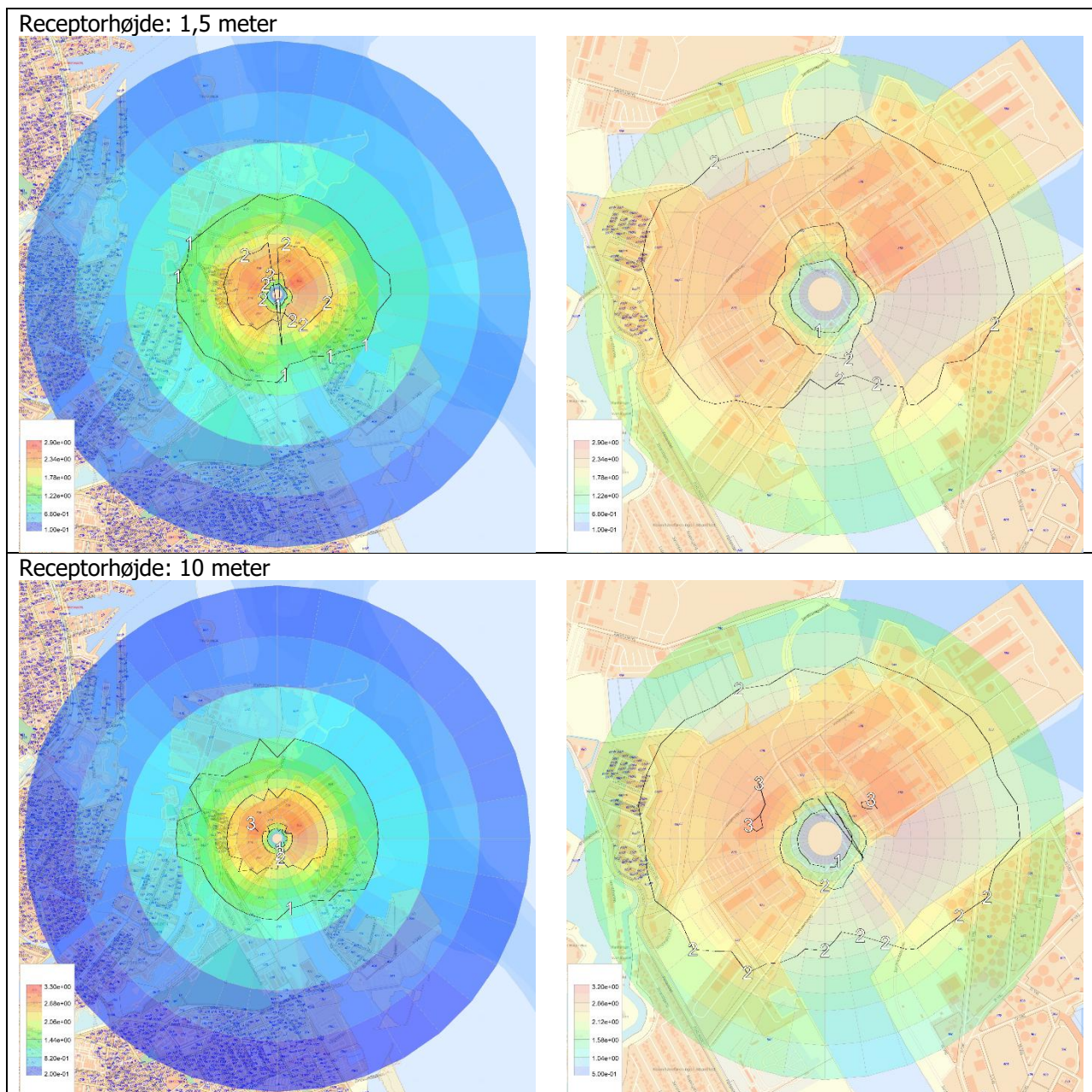
Resultatudskriften fra beregningerne er vedlagt i Bilag B. Resultaterne er 4. største 99% fraktil og de beregnede lugtkoncentrationer i omgivelserne er givet i lugtenheder per kubikmeter (LE/m³).

Der er udført en serie af beregninger hvor alle receptorer er sat til samme højde. Der er udført beregninger ved receptorhøjderne 1,5; 10; 18; 25; 35; 60; 78 og 80 meter. Figur 5 viser et sammendrag af de beregnede koncentrationer for 4 forskellige relevante lokationer. Lokationerne er hvor skibakken er i 35 meter over terræn (skibakke 35 meter lokation, blå linje), hvor skibakken er i 60 meter over terræn (skibakke 60 meter lokation, orange linje), hvor skibakken er i 80 meter over terræn (skibakke 80 meter lokation, grøn linje), og ved beboelserne i Margretheholm (Margretheholm, rød linje). Figuren viser lugtkoncentrationerne på y-aksen som funktion af receptorhøjden på hver enkelt lokation.

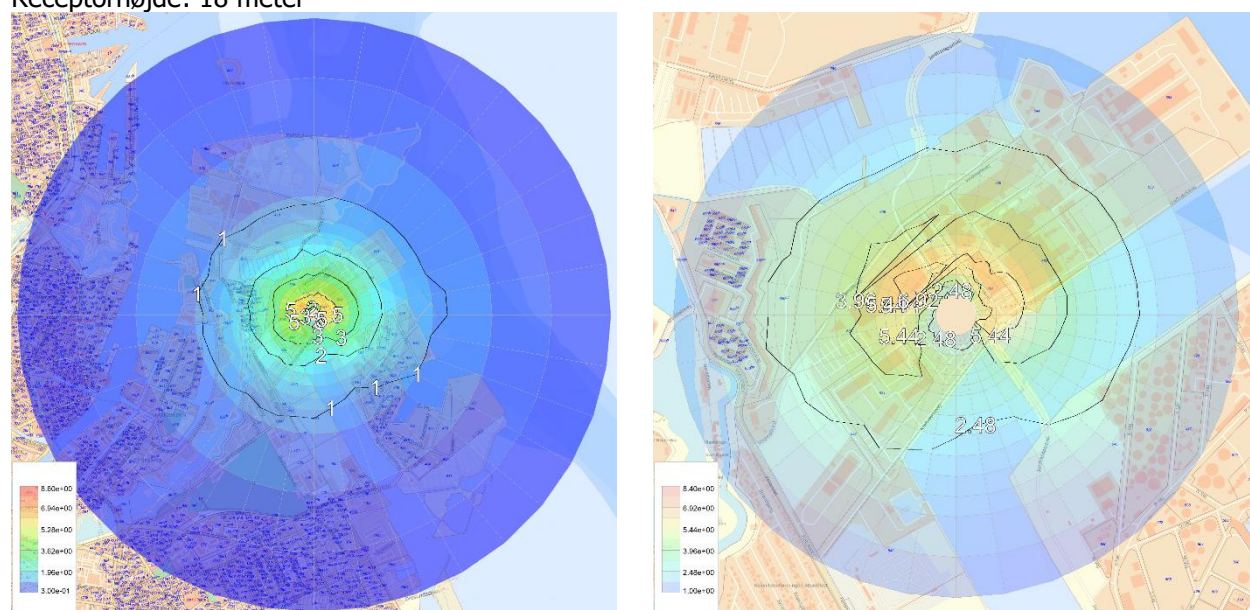


Figur 5: Sammendrag af de beregnede koncentrationer for 4 forskellige relevante lokationer

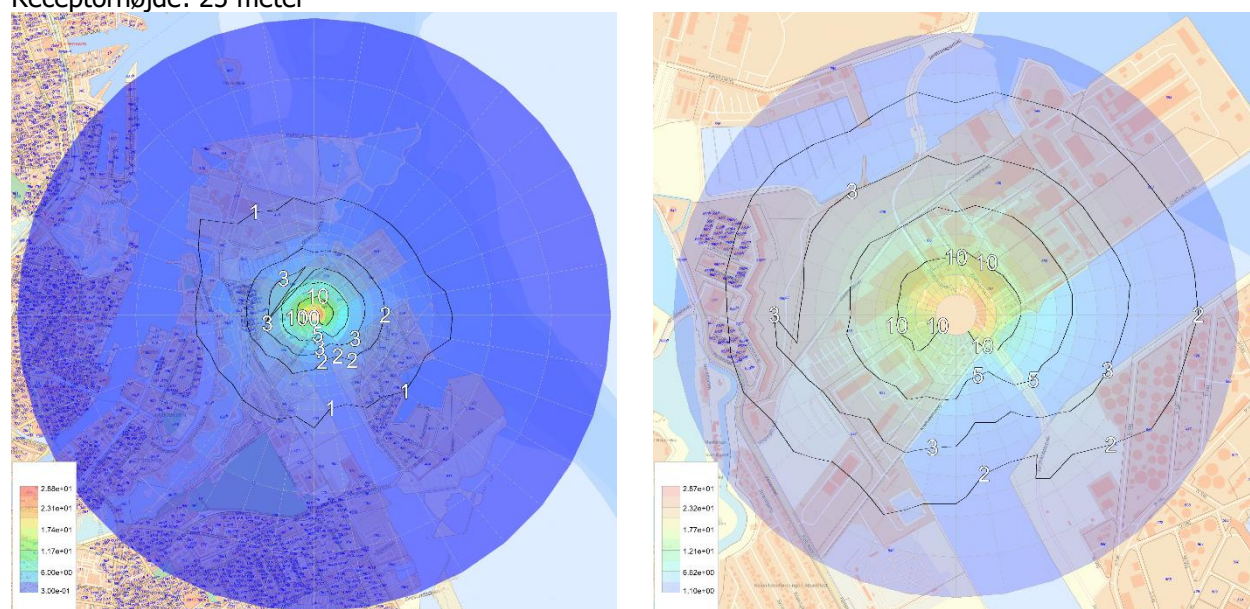
Tabel 3: Grafisk illustration af de beregnede lugtbidrag for receptorer i forskellige højder.



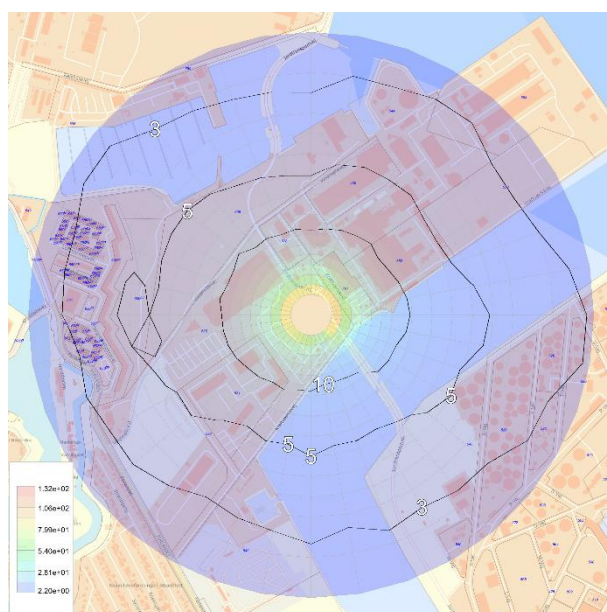
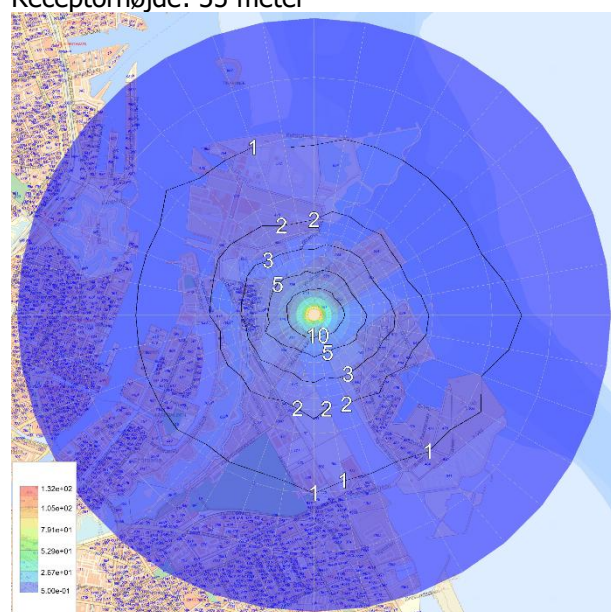
Receptorhøjde: 18 meter



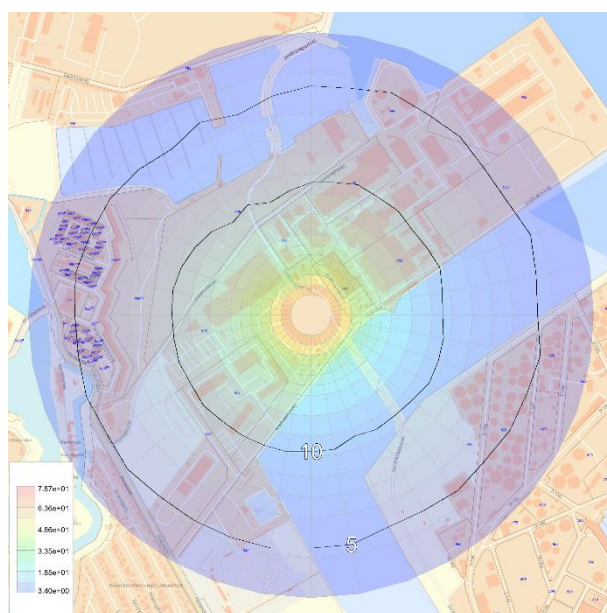
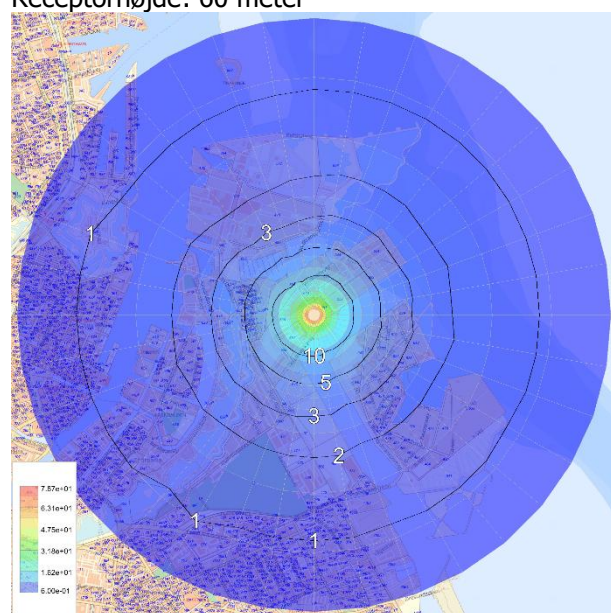
Receptorhøjde: 25 meter



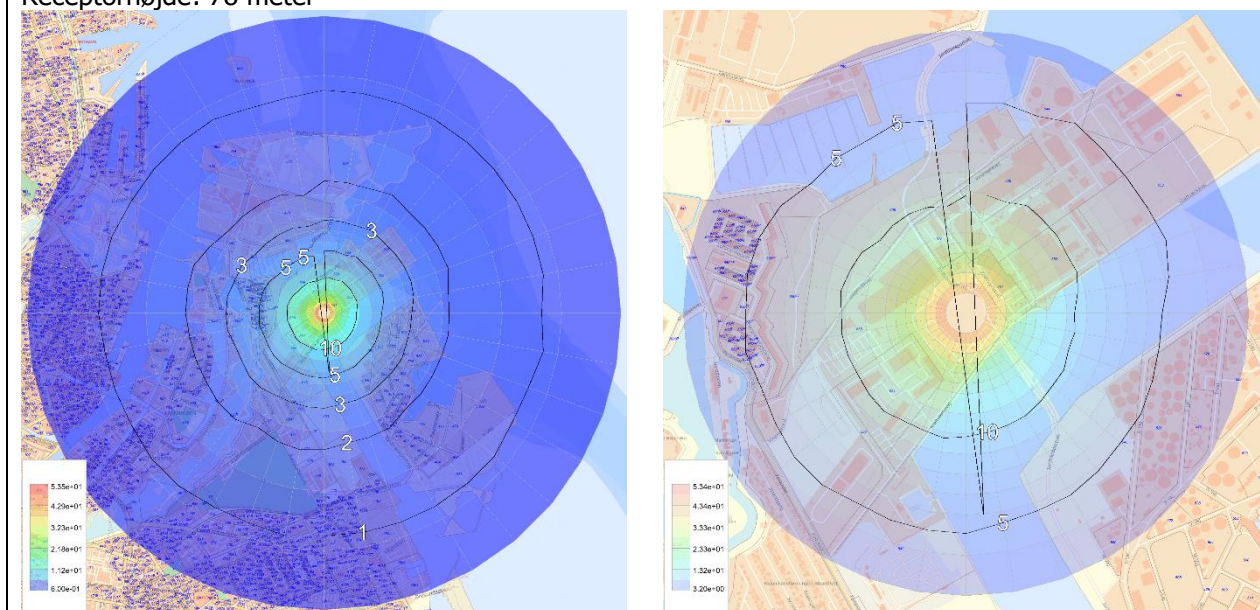
Receptorhøjde: 35 meter



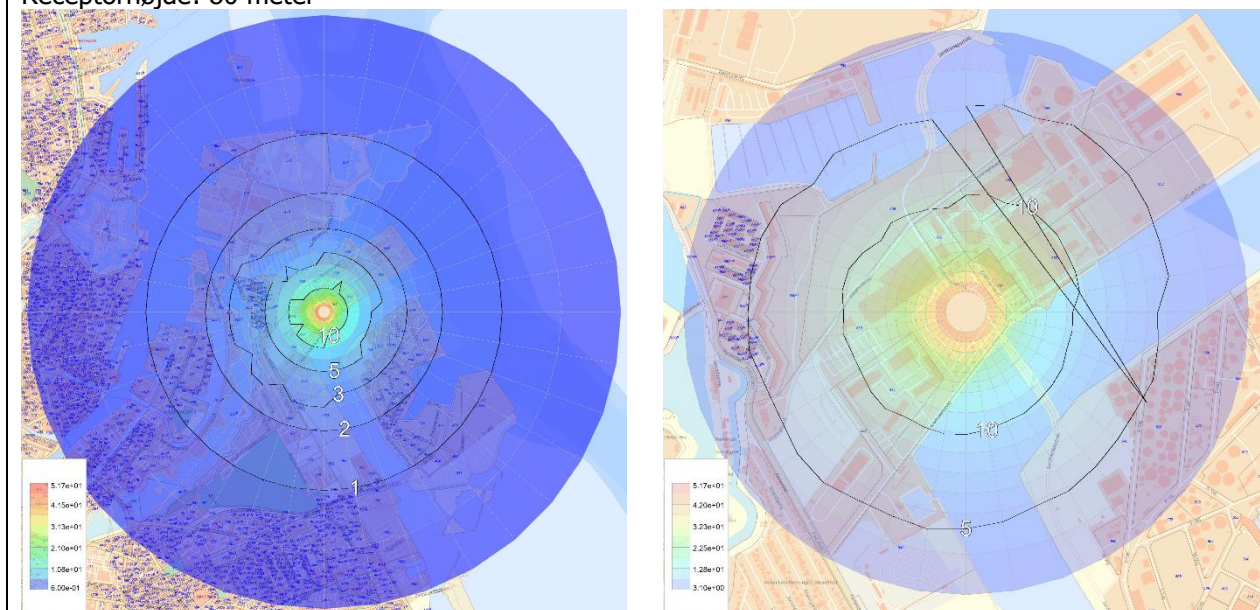
Receptorhøjde: 60 meter



Receptorhøjde: 78 meter



Receptorhøjde: 80 meter



3.1 Kommentarer til resultaterne

Som det ses af Figur 5 og Tabel 3 er de beregnede lugtbidrag afhængige af receptorhøjden, afstande samt retningen fra afkastet. Der findes ikke overskridelser af de gældende grænser for lugtbidrag ved receptorhøjder på 1,5 meter. Det ses dog at der er bidragsværdier på mere end både 5 LE/m³ (ved receptorhøjder højere end 10 meter over terræn) og 10 LE/m³ (ved receptorhøjder på mere end 18 meter over terræn). Boligområdet Margretheholm ligger i en afstand af 500 meter fra skorstenen i retningen 240-280 grader. Boligerne på Margretheholm er 6 etager, og er derfor vurderet til 25 meter høje. I beregningen med receptorhøjde 25 meter er det beregnede lugtbidrag 2-3 LE/m³ i dette område.

I Bilag B ses udskrifter fra beregningen.

Bilag A Beskrivelse af OML-multikildemodellen

Modelgrundlag

FORCE Technology har ved de spredningsmeteorologiske beregninger anvendt den såkaldte OML-multikildemodell, version 7.1.

Ved beregningerne bruger modellen standardmeteorologiske datasæt for en 10 års periode fra Aalborg i årene 1974-1983. Modellen regner på en tidsserie, timevis over hele perioden. Resultatet er månedsvist opgjorte 99-percentiler på timebasis. Det er den 4. største månedlige 99-percentil, der skal sammenlignes med de vejledende immissionsgrænseværdier (B –værdier).

Modellen beregner virksomhedens bidrag i omgivelserne i op til 540 receptorpunkter fordelt langs 36 radier (0°, 10°, ..., 350°) i op til 15 afstande.

Receptornettet er udlagt, så retningen angiver, hvor receptoren befinder sig. En påvirkning ved 0° betyder, at luften fra afkastet udbreder sig mod nord. Det vil sige, at vinden er sydlig. Beregningen bygger på en gaussisk fordeling, hvor modellen antager, at emissionen er normalfordelt.

Modellen gennemregner anlæggene for drift i alle årenes timer.

Ved beregningerne med OML-punktkildemodellen indlægger vi et koordinatsystem, så vi kan placere de enkelte kilder i forhold til hinanden. Koordinatsystemet er udlagt med orientering nord/syd for y-aksen og vest/øst for x-aksen. Vi udregner de angivne receptorafstande fra koordinatsystemets nulpunkt.

Bygningshøjder

Modellen korrigerer i beregninger for de bygninger, der har indflydelse på spredning af luften fra det pågældende afkast. Bygningseffekt medfører, at spredningen forøges som følge af turbulens fra bygningen, og at der kan forekomme nedsug af de udsendte luftmængde på bygningens læside.

Modellen korrigerer med en generel bygningshøjde og en retningsafhængig bygningseffekt. Begge korrektioner resulterer i andre koncentrationer tættere ved kilden i forhold til modelberegninger uden bygningseffekt.

I den generelle bygningshøjde indgår bygningseffekt for alle vindretninger, mens der i den retningsafhængige bygningshøjde indgår indflydelse fra bygninger i relevante retninger. Korrektionen afhænger af afstanden til bygningerne fra afkastet og bygningernes bredde set fra afkastet. Bygningerne bliver ikke medtaget i beregningerne som bygningsskorrektion, hvis de placeret længere væk fra afkastet end to gange bygningshøjden.

Bygningerne medtages heller ikke i beregningerne, såfremt bygningshøjden er under en tredjedel af afkasthøjden.

Terrænhøjder

Det omkringliggende terræn har indflydelse på spredningen af luft fra et afkast. Terræneffektens indflydelse på den maksimale 99%-fraktil er ofte kun 5-10%. Terrænets forløb i større afstande end ca. 20 gange afkasthøjden er normalt uinteressant for de maksimalt forekommende koncentrationer. Hvis der er væsentlige variationer i terrænet inden for de beregnede afstande, medtager vi dem i beregningerne.

Det er også af betydning, om virksomheden er placeret i by, på land eller ved vand. Den parameter, der tager hensyn til dette, kaldes ruhedsparameteren i beregningerne. Denne parameter beskriver terrænets aerodynamiske ruhed for beregningsområdet. I forbindelse med skorstenshøjdeberegninger i Danmark bruges typisk værdierne 0,1 m for landområde, henholdsvis 0,3 m for byområde.

Den valgte ruhedsparameter i disse beregninger er vist i tabellen på sidste side.

Receptorhøjder

Vi fastlægger receptorhøjderne på baggrund af områdets karakter, herunder om der er bygninger inden for beregningsområdet, hvori der opholder sig mennesker gennem længere tid. Dette kunne eksempelvis være kontorbygninger eller etageboliger. Ved sådanne bygninger anvendes den højde, hvor det største bidrag forekommer som receptorhøjde.

Ellers anvender vi normalt en receptorhøjde på 1,5 meter.

Beregningsresultater

En standardmåned i [OML-modellen] er sat til 30 dage, hvilket svarer til 720 timer. Da fraktilen opgøres i hele timer, tillader en 99% fraktil altså, at B-værdien overskrides i op til 7 timer i en given måned. Ved at låse kravet fast til den 4. største 99% fraktil for hver måned sikrer man, at denne 7-timers regel højst fejler (overskrides yderligere) i 4 ud af de 120 beregnede måneder på 10-årsbasis. Det betyder at det ikke kan udelukkes, at der ved bestemte vejsituationer forekommer hyppigere overskridelser.

De beregnede værdier skal sammenlignes med grænseværdierne i omgivelserne. Disse grænseværdier er normalt B-værdierne, som er anført i Miljøstyrelsens vejledning nr. 2/2001 "Luftvejledningen" eller Miljøstyrelsens vejledning nr. 20/2016 "B-værdivejledningen" eller lugtgrænser som anført i Miljøstyrelsens vejledning nr. 4/1985 "Begrænsning af lugtgener fra virksomheder".

Vedrørende lugt er emissionerne ved punktkilderne multipliceret med $\sqrt{60}$ (faktor 7,75) og med $\sqrt{\sqrt{60}}$ (faktor 2,78) ved arealkildernes emission. Tallene bliver dermed 99-percentiler af minutværdierne på månedsbasis. Korrektionen skyldes at lugt vurderes i forhold til en midlingstid på 1 minut mod timemiddelværdier for de øvrige stoffer.

Bilag B OML-udskrifter

Receptorhøjde: 1,5 meter

Dato: 2026/03/25

OML-Multi PC-version 20240314/7.10

Side 1

DCE - Nationalt Center for Miljø og Energi, Aarhus Universitet

Meteorologiske spredningsberegninger er udført for følgende periode (lokal standard tid):

Start af beregningen = 740101 kl. 1

Slut på beregningen (incl.) = 831231 kl. 24

Meteorologiske data er fra: AALBORG

Koordinatsystem.

Der er anvendt et x,y-koordinatsystem med x-akse mod øst (90 grader) og y-akse mod nord (0 grader).

Enheden er meter. Systemet er fælles for receptorer og kilder. Origo kan fastlægges frit, fx. i skorstensfoden for den mest dominerende kilde eller som i UTM-systemet.

Receptordata.

Ruhedslængde, z0 = 0.300 m

Største terrænhældning = 12 grader

Receptorerne er beliggende med 10 graders interval i 15 koncentriske cirkler med centrum x,y: 727753., 6176879.

og radierne (m): 50. 75. 100. 150. 200. 300. 400. 500. 600. 700. 800. 1000. 1500. 2000. 2500.

Terrænhøjder er ikke alle ens.

Alle receptorhøjder = 1.5 m.

Alle overflader er typenr. = 2 (Har kun betydning ved VVM-deposition)

Dato: 2026/03/25

OML-Multi PC-version 20240314/7.10

Side 2

DCE - Nationalt Center for Miljø og Energi, Aarhus Universitet

Terrænhøjder [m]

Retning (grader)

Afstand (m)

50751001502003004005006007008001000150020002500

0

2.62.22.62.62.82.32.00.00.02.00.32.42.60.00.0

10

2.72.32.33.02.72.71.91.90.00.02.72.70.80.00.0

20

2.82.52.22.42.52.72.70.01.90.00.00.10.10.00.0

30

2.92.42.32.42.52.12.62.62.60.00.00.00.10.00.0

40

2.92.32.42.32.42.52.72.82.92.72.60.00.00.00.0

50

3.02.32.12.32.32.42.32.82.83.02.90.00.00.00.0

60

3.02.22.62.22.52.51.80.62.82.72.70.00.00.00.0

70

2.92.32.22.32.62.42.20.00.00.00.00.00.00.00.0

80

3.12.22.32.42.40.00.00.00.00.00.00.00.00.00.0

90

3.12.52.22.42.30.00.00.00.02.12.20.00.00.00.0

100

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110

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120

3.23.02.60.00.00.02.42.22.32.53.00.04.90.00.0

130

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140

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150

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160

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170

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180

2.12.52.02.30.00.00.00.00.02.88.13.41.93.12.1

190

2.12.22.22.52.40.00.02.73.52.12.91.60.91.82.1

200

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210

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220

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230

2.12.12.22.43.03.03.13.33.20.80.62.80.01.85.7

240

2.12.12.22.43.03.43.82.72.11.10.00.32.21.41.8

250

2.02.22.23.02.93.38.33.32.20.01.70.01.80.02.0

260

2.12.22.12.32.62.62.63.60.00.01.01.73.12.24.6

270	2.1	2.1	2.2	2.6	2.8	2.8	1.9	6.3	2.3	0.2	1.9	2.5	0.0	3.0	4.3
280	2.1	2.1	3.5	2.8	4.0	2.4	2.0	6.0	2.6	0.0	0.0	2.6	0.0	2.8	6.1
290	2.2	2.3	4.0	1.6	6.3	3.2	2.6	5.7	3.1	2.9	0.0	0.9	0.0	9.6	3.0
300	2.2	2.2	2.7	3.0	2.7	3.1	3.5	3.9	3.0	0.0	2.7	0.0	0.0	0.4	5.8
310	2.1	2.2	7.7	3.0	3.1	3.1	3.2	3.0	0.0	0.0	2.4	2.6	0.0	0.0	2.4
320	2.1	2.2	2.7	2.9	3.0	3.5	2.6	0.0	0.0	2.6	1.9	2.3	0.0	0.0	0.0
330	2.2	2.9	2.8	3.0	2.7	2.9	0.0	0.0	0.0	2.1	2.1	5.6	0.0	0.0	0.0
340	2.1	2.7	2.9	3.1	3.0	2.6	0.0	0.0	0.0	2.5	2.7	1.9	2.7	0.0	0.0
350	2.3	2.2	3.3	3.0	2.6	2.5	3.9	5.6	0.0	6.6	2.3	4.7	2.5	0.0	0.0

Dato: 2026/03/25 OML-Multi PC-version 20240314/7.10 Side 3
DCE - Nationalt Center for Miljø og Energi, Aarhus Universitet

Forkortelser benyttet for kildeparametrene:

Nr.....: Internt kildenummer
ID.....: Tekst til identificering af kilde
X.....: X-koordinat for kilde [m]
Y.....: Y-koordinat for kilde [m]
Z.....: Terrænkote for skorstensfod [m]
HS.....: Skorstenshøjde over terræn [m]
T.....: Temperatur af røggas [Kelvin]/[Celsius]
VOL.....: Volumenmængde af røggas [normal m3/sek]
DSO.....: Ydre diameter af skorstenstop [m]
DSI.....: Indre diameter af skorstenstop [m]
HB.....: Generel beregningsmæssig bygningshøjde [m]
Qi.....: Emission af stof nr. 'i' [gram/sek], [MLE/sek] eller [MOU/sek]

Punktkilder.

Kildedata:

Nr ID	X	Y	Z	HS	T(C)	VOL	DSI	DSO	HB	Q1	Q2	Q3
1 1	727753.	6176879.	2.1	35.0	18.	26.00	1.60	2.00	15.0	0.1180	0.0000	0.0000

Tidsvariationer i emissionen fra punktkilder.

Emissionerne fra de enkelte punktkilder er konstant.

Afledte kildeparametre:

Kilde nr.	Vertikal røggashastighed m/s	Buoyancy flux (termisk løft) (omtrentlig) m4/s3
1	13.8	2.4

Der er ingen retningsafhængige bygningsdata.

Dato: 2026/03/25 OML-Multi PC-version 20240314/7.10 Side 4
DCE - Nationalt Center for Miljø og Energi, Aarhus Universitet

Side til advarsler.

Dato: 2026/03/25 OML-Multi PC-version 20240314/7.10 Side 5
DCE - Nationalt Center for Miljø og Energi, Aarhus Universitet

Lugt Periode: 740101-831231

De 4. største månedlige 99%-fraktiler (µg/m3)

Retning (grader)	Afstand (m)															
	50	75	100	150	200	300	400	500	600	700	800	1000	1500	2000	2500	
0	0.2	0.4	1.1	1.7	2.0	2.3	2.1	1.9	1.6	1.4	1.2	0.9	0.5	0.3	0.3	
10	0.2	0.4	0.8	1.9	1.9	2.4	2.3	2.0	1.7	1.5	1.3	1.0	0.5	0.4	0.3	
20	0.2	0.5	1.1	1.9	2.1	2.4	2.3	2.0	1.7	1.5	1.3	1.0	0.6	0.4	0.3	
30	0.2	0.6	1.3	2.1	2.1	2.4	2.3	2.1	1.8	1.5	1.3	1.0	0.6	0.4	0.3	
40	0.2	0.6	1.7	2.8	2.4	2.4	2.3	2.0	1.8	1.5	1.3	1.0	0.6	0.4	0.3	
50	0.2	0.7	1.8	2.9	2.7	2.5	2.3	2.1	1.9	1.6	1.3	1.0	0.6	0.4	0.3	
60	0.2	0.6	1.8	2.7	2.8	2.5	2.3	2.1	1.8	1.6	1.4	1.0	0.6	0.4	0.3	

70	0.2	0.6	1.5	2.5	2.6	2.5	2.4	2.1	1.8	1.6	1.3	1.0	0.6	0.4	0.3
80	0.2	0.5	1.3	2.4	2.5	2.5	2.4	2.1	1.8	1.6	1.4	1.1	0.7	0.5	0.3
90	0.2	0.5	1.1	2.2	2.3	2.4	2.4	2.1	1.9	1.6	1.4	1.1	0.7	0.5	0.4
100	0.2	0.5	1.1	2.0	2.3	2.4	2.2	2.0	1.8	1.5	1.3	1.0	0.6	0.4	0.3
110	0.2	0.4	0.9	2.0	2.4	2.3	2.2	1.9	1.7	1.4	1.3	1.0	0.6	0.4	0.3
120	0.2	0.5	1.2	1.9	2.2	2.2	2.1	1.8	1.5	1.4	1.3	1.0	0.5	0.4	0.3
130	0.1	0.5	1.2	2.1	2.3	2.2	2.1	1.7	1.4	1.2	1.1	0.8	0.5	0.3	0.3
140	0.1	0.5	0.9	2.2	2.6	2.2	2.0	1.7	1.3	1.1	1.0	0.7	0.4	0.3	0.2
150	0.1	0.4	0.9	1.9	2.2	2.0	1.8	1.5	1.2	1.0	0.9	0.7	0.4	0.3	0.2
160	0.2	0.4	0.7	1.6	2.0	1.9	1.6	1.4	1.2	1.0	0.9	0.7	0.4	0.3	0.2
170	0.2	0.4	0.7	1.6	2.1	1.9	1.5	1.3	1.1	1.0	0.9	0.7	0.4	0.3	0.2
180	0.2	0.4	0.8	1.7	2.2	1.9	1.7	1.4	1.2	1.1	1.1	0.8	0.5	0.3	0.2
190	0.2	0.5	0.8	1.8	2.1	1.9	1.8	1.6	1.5	1.2	1.1	0.8	0.4	0.3	0.2
200	0.1	0.4	0.8	1.8	2.2	2.0	1.9	1.6	1.5	1.4	1.1	0.9	0.5	0.3	0.2
210	0.1	0.4	1.0	1.8	2.2	2.1	2.0	1.8	1.6	1.3	1.1	0.9	0.5	0.3	0.2
220	0.2	0.5	1.0	1.9	2.3	2.2	2.0	1.7	1.5	1.3	1.1	0.8	0.5	0.3	0.2
230	0.2	0.5	1.0	1.9	2.4	2.4	2.2	1.9	1.6	1.3	1.2	0.9	0.5	0.3	0.3
240	0.2	0.5	0.9	1.8	2.2	2.3	2.2	1.9	1.6	1.4	1.2	0.9	0.5	0.3	0.2
250	0.2	0.5	0.9	2.0	2.2	2.4	2.5	1.9	1.7	1.4	1.2	0.9	0.5	0.3	0.3
260	0.2	0.5	1.0	1.9	2.2	2.3	2.2	2.0	1.7	1.5	1.3	1.0	0.5	0.3	0.3
270	0.2	0.4	0.9	1.9	2.2	2.3	2.1	2.0	1.7	1.4	1.2	1.0	0.6	0.4	0.3
280	0.2	0.4	1.2	2.1	2.5	2.4	2.2	2.2	1.7	1.5	1.3	1.0	0.6	0.4	0.3
290	0.2	0.5	1.3	2.1	2.8	2.5	2.3	2.1	1.8	1.5	1.3	0.9	0.6	0.4	0.3
300	0.2	0.5	1.2	2.3	2.4	2.6	2.5	2.2	1.8	1.5	1.3	1.0	0.6	0.5	0.4
310	0.1	0.5	1.3	2.0	2.3	2.5	2.4	2.1	1.8	1.5	1.3	0.9	0.6	0.4	0.4
320	0.1	0.5	0.8	1.9	2.1	2.4	2.3	2.0	1.7	1.4	1.2	0.9	0.5	0.4	0.3
330	0.1	0.5	1.0	1.7	1.9	2.4	2.2	1.9	1.6	1.4	1.2	0.9	0.5	0.3	0.3
340	0.1	0.5	1.1	1.9	2.0	2.4	2.2	1.9	1.6	1.4	1.2	0.9	0.5	0.3	0.3
350	0.1	0.5	1.1	1.6	2.0	2.3	2.3	2.1	1.6	1.6	1.3	1.0	0.5	0.4	0.3

Maksimum= 2.92 i afstand 150 m og retning 50 grader i 197507 (yyyymm)

Dato: 2026/03/25 OML-Multi PC-version 20240314/7.10 Side 6
DCE - Nationalt Center for Miljø og Energi, Aarhus Universitet

Lugt Periode: 740101-831231

De største månedlige 99%-fraktiler (µg/m3)

Retning (grader)	Afstand (m)														
	50	75	100	150	200	300	400	500	600	700	800	1000	1500	2000	2500
0	0.2	1.5	2.7	2.8	2.4	2.4	2.2	2.0	1.7	1.5	1.3	1.0	0.6	0.4	0.3
10	0.2	1.3	2.1	2.6	2.5	2.6	2.5	2.2	1.9	1.6	1.3	1.0	0.6	0.4	0.3
20	0.2	0.7	1.4	2.5	2.6	2.6	2.3	2.1	1.8	1.5	1.4	1.0	0.6	0.4	0.3
30	0.2	0.9	2.0	2.3	2.4	2.4	2.4	2.1	1.9	1.5	1.3	1.0	0.6	0.4	0.3
40	0.2	1.2	2.2	3.2	3.0	2.6	2.4	2.1	1.8	1.5	1.4	1.0	0.6	0.4	0.3
50	0.2	1.6	2.8	3.5	4.0	2.9	2.4	2.2	1.9	1.6	1.4	1.1	0.6	0.4	0.3
60	0.2	1.4	2.9	3.3	3.3	2.6	2.4	2.1	1.9	1.6	1.4	1.0	0.7	0.5	0.4
70	0.2	1.1	2.0	3.2	3.0	2.6	2.4	2.1	1.9	1.6	1.4	1.1	0.6	0.5	0.4
80	0.2	0.7	1.7	2.9	2.7	2.6	2.5	2.2	1.9	1.6	1.4	1.1	0.7	0.5	0.4
90	0.2	0.6	1.2	2.6	2.5	2.6	2.4	2.2	1.9	1.6	1.4	1.2	0.8	0.6	0.5
100	0.2	0.6	1.4	2.5	2.5	2.5	2.4	2.2	1.9	1.7	1.5	1.2	0.9	0.7	0.6
110	0.2	0.6	1.4	2.3	2.5	2.5	2.2	2.1	1.8	1.6	1.3	1.1	0.7	0.5	0.4
120	0.2	0.7	1.6	2.6	2.5	2.3	2.2	2.0	1.9	1.7	1.5	1.2	0.8	0.6	0.5
130	0.2	0.9	2.2	3.2	2.9	2.2	2.2	1.9	1.8	1.5	1.3	1.1	0.8	0.6	0.4
140	0.2	0.9	2.2	3.1	2.8	2.3	2.1	1.9	1.5	1.3	1.2	0.8	0.5	0.3	0.3
150	0.2	0.7	1.7	2.6	2.3	2.2	2.0	1.8	1.5	1.2	1.0	0.8	0.4	0.3	0.2
160	0.2	0.5	1.3	2.0	2.4	2.1	1.8	1.5	1.3	1.1	1.0	0.8	0.5	0.3	0.3
170	0.2	0.5	1.0	1.8	2.2	2.1	1.8	1.5	1.3	1.1	1.0	0.8	0.5	0.3	0.3
180	0.2	0.5	1.3	2.1	2.4	2.1	1.9	1.7	1.4	1.2	1.2	0.9	0.5	0.3	0.2
190	0.2	0.5	1.2	2.0	2.2	2.1	2.0	1.8	1.6	1.3	1.1	0.9	0.5	0.3	0.3
200	0.2	0.7	1.4	2.7	2.5	2.2	2.1	1.9	1.7	1.4	1.2	0.9	0.5	0.3	0.3
210	0.2	0.9	1.8	2.8	2.9	2.4	2.4	2.1	1.8	1.6	1.3	1.0	0.5	0.4	0.3
220	0.2	1.1	2.3	3.3	2.8	2.5	2.4	2.1	1.7	1.5	1.3	0.9	0.5	0.3	0.3
230	0.2	1.1	2.4	2.9	2.5	2.6	2.5	2.2	1.8	1.5	1.3	1.0	0.6	0.4	0.3
240	0.2	1.1	2.4	3.2	2.8	2.6	2.5	2.1	1.8	1.5	1.3	1.0	0.6	0.4	0.3
250	0.2	1.1	2.1	2.7	2.6	2.6	2.9	2.2	1.8	1.5	1.3	1.0	0.6	0.4	0.3
260	0.2	0.9	2.0	2.6	2.3	2.6	2.5	2.3	1.9	1.5	1.3	1.0	0.6	0.4	0.3
270	0.2	1.2	2.5	2.5	2.4	2.6	2.4	2.3	1.8	1.5	1.3	1.0	0.7	0.5	0.4
280	0.2	1.1	1.9	2.2	2.8	2.4	2.4	2.4	1.9	1.6	1.4	1.1	0.7	0.5	0.4
290	0.2	1.0	1.4	2.3	3.0	2.8	2.5	2.3	1.8	1.6	1.3	1.1	0.8	0.6	0.5
300	0.2	0.7	1.5	2.5	3.0	2.9	2.6	2.5	2.3	2.0	1.8	1.4	0.9	0.7	0.6
310	0.2	0.6	1.9	2.6	2.7	2.7	2.6	2.5	2.3	2.0	1.9	1.5	1.0	0.8	0.6
320	0.2	1.1	1.7	2.4	2.3	2.6	2.4	2.2	2.2	2.0	1.8	1.4	1.0	0.7	0.6
330	0.2	1.8	2.2	2.6	2.4	2.6	2.4	2.1	1.8	1.4	1.3	1.0	0.5	0.4	0.3
340	0.2	1.7	3.1	3.1	2.5	2.4	2.3	2.0	1.7	1.4	1.3	1.0	0.7	0.5	0.3
350	0.2	1.5	2.9	2.8	2.2	2.5	2.4	2.2	1.8	1.6	1.3	1.0	0.6	0.4	0.3

Maksimum= 4.02 i afstand 200 m og retning 50 grader i 197608 (yyyymm)

Dato: 2026/03/25 OML-Multi PC-version 20240314/7.10 Side 7
DCE - Nationalt Center for Miljø og Energi, Aarhus Universitet

Lugt Periode: 740101-831231

Middelværdier (µg/m3)

Retning (grader)	Afstand (m)														
	50	75	100	150	200	300	400	500	600	700	800	1000	1500	2000	2500
0	1.88E-03	5.17E-03	8.97E-03	2.08E-02	3.59E-02	4.88E-02	4.82E-02	4.37E-02	3.84E-02	3.34E-02	2.92E-02	2.30E-02	1.43E-02	1.05E-02	8.52E-03
10	2.02E-03	5.59E-03	9.38E-03	2.47E-02	4.19E-02	5.97E-02	5.74E-02	5.19E-02	4.54E-02	3.94E-02	3.48E-02	2.69E-02	1.62E-02	1.18E-02	9.49E-03
20	2.16E-03	6.10E-03	1.01E-02	2.60E-02	4.66E-02	6.78E-02	6.71E-02	5.90E-02	5.17E-02	4.48E-02	3.90E-02	3.01E-02	1.82E-02	1.31E-02	1.05E-02
30	2.22E-03	6.32E-03	1.12E-02	2.91E-02	5.22E-02	7.29E-02	7.44E-02	6.68E-02	5.81E-02	4.96E-02	4.30E-02	3.30E-02	1.98E-02	1.41E-02	1.12E-02
40	2.16E-03	6.39E-03	1.25E-02	3.40E-02	5.99E-02	8.35E-02	8.15E-02	7.23E-02	6.24E-02	5.32E-02	4.57E-02	3.44E-02	2.03E-02	1.44E-02	1.14E-02
50	2.09E-03	6.46E-03	1.38E-02	4.53E-02	7.99E-02	1.08E-01	1.01E-01	8.95E-02	7.58E-02	6.43E-02	5.46E-02	4.02E-02	2.31E-02	1.60E-02	1.24E-02
60	1.98E-03	6.25E-03	1.57E-02	5.28E-02	9.77E-02	1.29E-01	1.18E-01	1.02E-01	8.73E-02	7.31E-02	6.19E-02	4.54E-02	2.56E-02	1.74E-02	1.34E-02
70	1.84E-03	5.92E-03	1.38E-02	5.08E-02	9.58E-02	1.28E-01	1.20E-01	1.04E-01	8.85E-02	7.49E-02	6.38E-02	4.76E-02	2.71E-02	1.87E-02	1.44E-02
80	1.83E-03	5.39E-03	1.25E-02	4.56E-02	8.58E-02	1.19E-01	1.15E-01	1.02E-01	8.75E-02	7.47E-02	6.41E-02	4.84E-02	2.82E-02	1.97E-02	1.54E-02
90	1.80E-03	5.34E-03	1.16E-02	4.36E-02	7.99E-02	1.09E-01	1.05E-01	9.27E-02	7.95E-02	6.79E-02	5.84E-02	4.41E-02	2.60E-02	1.85E-02	1.47E-02
100	1.79E-03	5.39E-03	1.21E-02	4.35E-02	7.93E-02	1.05E-01	9.83E-02	8.50E-02	7.23E-02	6.13E-02	5.19E-02	3.89E-02	2.28E-02	1.64E-02	1.31E-02
110	1.83E-03	5.34E-03	1.13E-02	3.88E-02	6.74E-02	8.60E-02	7.90E-02	6.81E-02	5.76E-02	4.86E-02	4.12E-02	3.10E-02	1.83E-02	1.33E-02	1.08E-02
120	1.84E-03	5.35E-03	1.08E-02	3.12E-02	5.12E-02	6.31E-02	5.83E-02	4.96E-02	4.20E-02	3.59E-02	3.11E-02	2.33E-02	1.52E-02	1.08E-02	8.96E-03
130	1.61E-03	5.11E-03	1.04E-02	2.58E-02	3.98E-02	4.70E-02	4.45E-02	3.65E-02	3.13E-02	2.65E-02	2.28E-02	1.75E-02	1.13E-02	8.67E-03	7.42E-03
140	1.62E-03	5.12E-03	9.51E-03	2.50E-02	3.73E-02	3.60E-02	3.31E-02	3.00E-02	2.33E-02	2.03E-02	1.85E-02	1.38E-02	9.15E-03	7.22E-03	6.32E-03
150	1.67E-03	4.97E-03	8.63E-03	1.87E-02	2.59E-02	2.87E-02	2.66E-02	2.26E-02	2.04E-02	1.65E-02	1.48E-02	1.17E-02	8.10E-03	6.51E-03	5.80E-03
160	1.80E-03	5.14E-03	8.39E-03	1.63E-02	2.20E-02	2.43E-02	2.20E-02	2.00E-02	1.72E-02	1.51E-02	1.30E-02	1.06E-02	7.50E-03	6.25E-03	5.62E-03
170	1.89E-03	5.31E-03	8.31E-03	1.53E-02	2.05E-02	2.31E-02	2.13E-02	1.88E-02	1.65E-02	1.45E-02	1.30E-02	1.07E-02	7.65E-03	6.36E-03	5.72E-03
180	2.04E-03	5.72E-03	8.34E-03	1.59E-02	2.11E-02	2.42E-02	2.26E-02	2.00E-02	1.76E-02	1.60E-02	1.65E-02	1.20E-02	8.07E-03	6.97E-03	5.99E-03
190	2.17E-03	5.84E-03	8.87E-03	1.68E-02	2.26E-02	2.56E-02	2.41E-02	2.20E-02	1.99E-02	1.67E-02	1.53E-02	1.22E-02	8.55E-03	7.03E-03	6.27E-03
200	2.29E-03	6.06E-03	9.28E-03	1.72E-02	2.38E-02	2.73E-02	2.59E-02	2.33E-02	2.09E-02	1.85E-02	1.63E-02	1.33E-02	9.32E-03	7.59E-03	6.90E-03
210	2.37E-03	6.40E-03	9.62E-03	1.83E-02	2.57E-02	3.05E-02	3.00E-02	2.66E-02	2.54E-02	2.38E-02	1.97E-02	1.64E-02	1.03E-02	8.48E-03	7.28E-03
220	2.41E-03	6.49E-03	1.01E-02	1.99E-02	2.86E-02	3.39E-02	3.26E-02	2.96E-02	2.56E-02	2.39E-02	2.15E-02	1.62E-02	1.11E-02	8.81E-03	7.67E-03
230	2.40E-03	6.47E-03	1.02E-02	2.07E-02	3.20E-02	4.02E-02	3.90E-02	3.52E-02	3.09E-02	2.63E-02	2.33E-02	1.91E-02	1.24E-02	9.70E-03	9.33E-03
240	2.37E-03	6.31E-03	9.89E-03	2.07E-02	3.36E-02	4.53E-02	4.49E-02	3.89E-02	3.37E-02	2.97E-02	2.63E-02	2.10E-02	1.39E-02	1.07E-02	9.04E-03
250	2.33E-03	6.27E-03	9.83E-03	2.29E-02	3.61E-02	5.04E-02	5.72E-02	4.48E-02	3.81E-02	3.34E-02	2.94E-02	2.34E-02	1.51E-02	1.15E-02	9.65E-03
260	2.28E-03	6.21E-03	9.97E-03	2.26E-02	3.71E-02	4.99E-02	4.90E-02	4.56E-02	3.81E-02	3.33E-02	2.93E-02	2.31E-02	1.53E-02	1.14E-02	1.03E-02
270	2.23E-03	6.10E-03	1.06E-02	2.65E-02	4.23E-02	5.38E-02	4.96E-02	4.93E-02	3.86E-02	3.33E-02	2.90E-02	2.31E-02	1.47E-02	1.16E-02	1.02E-02
280	2.14E-03	6.03E-03	1.33E-02	3.26E-02	5.63E-02	6.31E-02	5.82E-02	5.63E-02	4.45E-02	3.77E-02	3.27E-02	2.56E-02	1.60E-02	1.23E-02	1.11E-02
290	2.06E-03	6.04E-03	1.49E-02	3.57E-02	7.86E-02	8.22E-02	7.41E-02	6.91E-02	5.54E-02	4.69E-02	3.96E-02	3.02E-02	1.85E-02	1.54E-02	1.13E-02
300	1.91E-03	5.65E-03	1.22E-02	3.87E-02	6.33E-02	8.35E-02	7.89E-02	6.90E-02	5.75E-02	4.80E-02	4.18E-02	3.15E-02	1.92E-02	1.40E-02	1.22E-02
310	1.74E-03	5.22E-03	1.62E-02	2.98E-02	5.02E-02	6.59E-02	6.31E-02	5.53E-02	4.66E-02	4.02E-02	3.51E-02	2.73E-02	1.69E-02	1.26E-02	1.03E-02
320	1.63E-03	4.90E-03	9.06E-03	2.26E-02	3.83E-02	5.38E-02	5.05E-02	4.47E-02	3.92E-02	3.45E-02	2.98E-02	2.34E-02	1.47E-02	1.11E-02	9.10E-03
330	1.61E-03	5.15E-03	8.56E-03	2.02E-02	3.30E-02	4.70E-02	4.50E-02	4.09E-02	3.60E-02	3.15E-02	2.76E-02	2.31E-02	1.37E-02	1.03E-02	8.44E-03
340	1.58E-03	5.04E-03	8.50E-03	2.00E-02	3.33E-02	4.58E-02	4.47E-02	4.07E-02	3.59E-02	3.17E-02	2.79E-02	2.16E-02	1.38E-02	1.01E-02	8.28E-03
350	1.69E-03	4.90E-03	9.08E-03	2.04E-02	3.33E-02	4.73E-02	5.01E-02	4.68E-02	3.74E-02	3.58E-02	2.87E-02	2.35E-02	1.41E-02	1.03E-02	8.37E-03

Maksimum= 1.29E-01 i afstand 300 m og retning 60 grader.

Dato: 2026/03/25 OML-Multi PC-version 20240314/7.10 Side 8
DCE - Nationalt Center for Miljø og Energi, Aarhus Universitet

Lugt Periode: 740101-831231

Maksimalt timeværdier (µg/m3)

Retning (grader)	Afstand (m)														
	50	75	100	150	200	300	400	500	600	700	800	1000	1500	2000	2500
0	2.1	5.3	5.3	7.0	6.3	4.2	3.3	3.0	2.7	2.5	2.3	2.0	1.5	1.3	1.1
10	2.0	5.2	5.1	7.0	7.0	4.7	3.7	2.9	2.7	2.4	2.2	1.8	1.2	1.0	0.8
20	2.0	5.2	5.1	6.1	6.0	4.3	4.4	4.6	4.3	3.9	3.3	2.4	1.4	1.1	0.9
30	1.8	4.8	5.0	5.6	5.3	4.1	5.5	6.0	5.7	5.1	4.4	3.3	1.9	1.6	1.3
40	1.8	5.0	5.1	5.7	5.5	4.3	4.2	4.5	4.2	3.7	3.3	3.3	2.6	2.1	1.7
50	1.7	4.7	5.1	5.6	5.6	5.5	5.7	5.0	4.3	3.8	3.4	2.7	2.1	1.7	1.5
60	1.5	4.0	5.0	5.1	5.5	6.2	6.6	5.9	5.2	4.5	4.1	3.3	2.3	1.8	1.5
70	1.1	3.3	4.5	5.2	5.4	4.5	3.7	3.2	2.9	2.8	2.9	2.7	1.9	1.6	1.4
80	0.8	3.3	4.4	5.9	5.2	4.8	3.8	3.0	2.8	2.5	2.4	2.3	1.6	1.4	1.2
90	0.7	3.5	5.2	5.6	4.7	5.1	5.3	4.7	4.0	3.3	2.9	2.7	2.1	1.7	1.4
100	0.8	3.9	5.8	4.9	5.4	3.9	3.3	3.2	3.0	2.7	2.3	2.5	2.0	1.6	1.4
110	0.8	4.0	5.4	5.4	5.5	4.0	3.2	3.0	2.8	2.6	2.3	2.4	2.2	1.8	1.5
120	0.9	4.3	5.3	6.1	6.5	5.2	4.0	3.4	3.4	3.1	2.8	2.5	1.9	1.6	1.3
130	0.8	3.9	4.9	6.3	6.2	4.5	3.3	3.3	3.3	3.0	2.6	2.0	1.4	1.1	0.9
140	1.0	3.4	4.2	5.8	4.9	3.9	3.2	3.4	2.9	2.7	2.5	1.9	1.6	1.3	1.1
150	1.2	4.2	4.6	6.7	5.7	3.6	3.3	3.0	2.6	2.4	2.2	2.1	1.6	1.3	1.0
160	1.3	4.8	5.3	6.5	5.5	4.5	3.4	3.3	3.2	3.2	3.4	3.4	2.8	2.2	1.9
170	1.6	4.8	5.3	5.1	5.3	6.0	5.5	4.7	4.0	3.5	3.1	2.5	1.7	1.4	1.2
180	1.8	5.2	5.2	6.4	6.7	6.7	6.3	5.4	4.7	4.1	3.8	3.6	2.7	2.2	1.9
190	1.8	5.2	5.3	6.2	6.5	4.4	4.0	3.3	3.5	3.6	3.7	3.3	2.4	1.9	1.6

200	1.6	4.7	4.8	4.7	4.9	3.7	4.0	3.6	3.2	2.7	2.6	2.4	2.3	1.9	1.6
210	1.5	4.7	4.9	5.0	4.8	4.1	3.5	3.2	3.1	3.0	2.5	2.1	1.7	1.4	1.2
220	1.6	5.1	5.7	4.6	4.7	4.7	3.8	4.2	4.2	4.1	3.7	2.8	1.8	1.4	1.1
230	1.6	5.1	6.2	6.0	6.2	4.4	3.4	4.0	4.0	3.6	3.3	2.6	1.8	1.4	1.2
240	1.4	4.9	5.9	7.0	7.3	5.2	4.1	3.4	2.9	2.8	2.7	2.4	2.0	1.6	1.4
250	1.1	4.2	5.2	6.4	6.5	4.8	4.6	3.9	3.7	3.7	3.5	2.9	2.2	1.7	1.3
260	0.8	3.6	4.9	7.6	7.8	6.5	6.5	5.7	5.2	4.8	4.2	3.2	2.3	1.8	1.4
270	0.8	3.2	5.5	7.0	8.1	7.3	6.1	5.1	4.4	3.8	3.4	2.8	2.0	1.5	1.2
280	0.9	3.8	6.4	6.3	7.1	5.6	5.4	6.6	5.8	5.2	4.5	3.3	2.2	1.7	1.5
290	1.0	3.9	6.1	6.7	7.8	7.4	6.7	7.9	7.2	6.5	5.6	4.2	2.5	2.0	1.7
300	0.9	3.7	4.8	7.1	6.0	7.0	6.4	6.0	5.4	4.7	4.0	2.9	2.3	2.0	1.7
310	0.9	3.3	6.5	6.9	5.6	4.1	6.0	6.4	5.8	5.2	4.4	3.3	2.2	1.8	1.5
320	1.3	3.9	5.9	6.3	6.0	4.8	4.5	4.7	4.7	4.5	4.0	3.2	2.0	1.5	1.2
330	1.7	4.6	5.8	5.8	5.8	4.6	4.0	4.8	4.7	4.6	4.4	3.8	2.5	1.9	1.6
340	2.0	5.4	5.5	4.8	4.5	4.1	5.1	6.5	6.7	6.5	5.9	4.6	2.9	2.2	1.7
350	2.1	5.6	5.6	6.7	5.9	4.3	4.2	4.0	3.5	3.3	2.7	2.5	1.8	1.3	1.1

Maksimum= 8.06 i afstand 200 m og retning 270 grader.

Dato: 2026/03/25 OML-Multi PC-version 20240314/7.10 Side 9
DCE - Nationalt Center for Miljø og Energi, Aarhus Universitet

Benyttede filer.

Følgende inputfiler er benyttet i beregningerne:

Punktkilder: Z:\Tasks\126\126-22081\Data\OML filer\sweeps\sweep_003\run_001\ARC_sorteringsanlæg_run_001.kld
Meteorologi.....: C:\OML_Data\Aal7483LST.met
Receptorer.....: Z:\Tasks\126\126-22081\Data\OML filer\sweeps\sweep_003\run_001\ARC_sorteringsanlæg_run_001.rct
Beregningsopsætning.....: Z:\Tasks\126\126-22081\Data\OML filer\ARC_sorteringsanlæg.opt

Følgende outputfil er benyttet:

Resultater: Z:\Tasks\126\126-22081\Data\OML filer\sweeps\sweep_003\run_001\ARC_sorteringsanlæg_run_001.log

Dato: 2026/03/25 OML-Multi PC-version 20240314/7.10 Side 1
DCE - Nationalt Center for Miljø og Energi, Aarhus Universitet

Meteorologiske spredningsberegninger er udført for følgende periode (lokal standard tid):

Start af beregningen = 740101 kl. 1
Slut på beregningen (incl.) = 831231 kl. 24

Meteorologiske data er fra: AALBORG

Koordinatsystem.

Der er anvendt et x,y-koordinatsystem med x-akse mod øst (90 grader) og y-akse mod nord (0 grader).
Enheden er meter. Systemet er fælles for receptorer og kilder. Origo kan fastlægges frit, fx. i skorstensfoden for den mest dominerende kilde eller som i UTM-systemet.

Receptordata.

Ruhedslængde, z0 = 0.300 m

Største terrænhældning = 13 grader

Receptorerne er beliggende med 10 graders interval i 15 koncentriske cirkler
med centrum x,y: 727753., 6176879.
og radierne (m): 50. 75. 100. 125. 150.
175. 200. 250. 300. 350.
400. 450. 500. 600. 700.

Terrænhøjder er ikke alle ens.

Alle receptorhøjder = 1.5 m.

Alle overflader er typenr. = 2 (Har kun betydning ved VVM-deposition)

Dato: 2026/03/25 OML-Multi PC-version 20240314/7.10 Side 2
DCE - Nationalt Center for Miljø og Energi, Aarhus Universitet

Terraenhøjder [m]

Retning (grader)	Afstand (m)																
	50	75	100	125	150	175	200	250	300	350	400	450	500	600	700		
0	2.6	2.2	2.6	2.7	2.6	2.8	2.8	2.6	2.5	2.2	1.9	1.7	0.0	0.0	2.7		
10	2.7	2.5	2.3	2.3	2.7	2.8	2.7	2.6	2.7	2.6	2.1	2.0	2.9	0.0	0.0		
20	2.8	2.5	2.2	2.7	2.4	2.5	2.4	2.7	2.6	2.7	2.6	2.6	2.5	1.8	0.0		
30	2.9	2.5	2.3	2.4	2.3	2.3	2.5	2.5	2.3	2.0	2.5	2.6	2.5	2.8	0.0		
40	2.4	2.3	2.4	2.1	2.1	2.4	2.3	2.5	2.4	2.6	2.6	2.5	2.7	3.0	3.0		
50	3.0	2.3	2.5	1.5	2.2	2.4	2.4	2.4	2.7	2.4	2.3	1.7	2.0	2.8	2.7		
60	2.9	2.2	2.6	2.6	2.2	2.5	2.4	2.4	2.4	2.3	1.9	0.9	2.9	2.8	2.8		
70	2.9	2.4	2.3	2.3	2.3	2.4	2.4	2.3	2.3	0.0	0.0	0.0	0.0	0.0	0.0		
80	3.1	2.3	2.3	2.3	2.4	2.3	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
90	3.1	2.5	2.2	2.3	2.4	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	1.9	
100	3.1	2.7	2.3	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.4	2.7	2.3	
110	3.2	3.0	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	2.6	1.9	2.8	
120	3.0	3.1	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	2.1	2.3	2.1	2.4		
130	2.3	2.7	2.7	3.1	1.1	0.0	0.0	0.0	0.0	2.6	3.5	3.3	2.6	2.1	2.1		
140	2.2	2.7	2.4	0.0	0.0	0.0	1.3	0.0	4.3	0.4	4.7	2.6	2.7	2.7	2.4		
150	2.1	2.6	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.3	6.8	2.4	2.4	2.7		
160	2.2	2.5	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.5	2.3	1.2	0.0		
170	2.1	2.4	2.4	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
180	2.1	2.2	2.2	2.5	2.3	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	2.3		
190	2.0	2.2	2.2	2.3	2.5	2.3	2.3	0.0	1.6	0.0	0.0	0.0	0.0	2.9	2.3	2.0	
200	2.0	2.1	2.2	2.3	2.5	2.4	1.9	2.5	2.5	2.5	3.0	2.7	2.8	2.5	2.6		
210	2.0	2.2	2.2	2.3	2.3	2.4	2.3	2.4	2.3	2.3	2.5	2.8	2.7	2.9	2.1		
220	2.0	2.1	2.2	2.3	2.5	2.7	2.8	2.6	2.7	2.6	2.7	2.9	2.7	2.6	4.1		
230	2.1	2.1	2.2	2.4	2.4	2.9	3.0	3.3	3.4	5.4	3.8	4.3	3.2	2.4	0.9		
240	2.1	2.1	2.3	2.3	2.4	2.7	3.0	3.3	3.1	3.1	3.8	6.0	2.8	2.1	1.6		
250	2.0	2.2	2.2	2.3	2.8	2.9	2.9	3.3	2.8	3.2	5.4	2.4	5.6	0.0	0.0		
260	2.1	2.2	2.1	2.2	2.3	2.7	2.6	2.9	4.7	2.4	2.5	10.8	4.0	2.0	0.0		
270	2.1	2.1	2.3	2.6	2.7	2.9	2.9	3.0	5.5	2.3	2.8	14.6	6.0	2.6	0.0		
280	2.1	2.1	3.7	2.7	2.7	4.5	5.3	3.2	2.5	2.6	2.2	11.8	6.2	3.1	0.4		
290	2.2	2.3	4.0	2.8	2.2	2.1	4.0	2.8	3.3	3.1	2.3	3.8	6.0	3.2	3.3		
300	2.2	2.2	7.0	2.9	3.0	3.2	3.2	2.4	2.9	3.0	3.5	3.5	4.1	2.9	0.0		
310	2.1	2.2	2.5	2.9	3.0	3.1	2.9	3.6	3.6	3.5	3.1	0.0	0.0	0.9	0.0		
320	2.1	2.6	3.1	3.9	2.9	2.9	3.0	2.4	3.3	3.1	2.5	0.0	0.0	0.0	2.4		
330	2.2	2.8	2.9	3.1	3.4	3.1	4.2	2.4	2.9	2.5	0.0	0.0	0.0	0.0	3.8		
340	2.3	2.4	3.0	3.2	3.1	3.1	3.1	3.1	2.7	3.4	0.0	0.0	0.0	0.0	2.6		
350	2.3	2.2	3.3	2.9	2.3	2.3	2.8	2.9	2.3	1.9	1.7	1.8	0.0	3.2	2.0		

Dato: 2026/03/25 OML-Multi PC-version 20240314/7.10 Side 3
DCE - Nationalt Center for Miljø og Energi, Aarhus Universitet

Forkortelser benyttet for kildeparametrene:

Nr.....: Internt kildenummer
ID.....: Tekst til identificering af kilde
X.....: X-koordinat for kilde [m]
Y.....: Y-koordinat for kilde [m]
Z.....: Terraenkote for skorstensfod [m]
HS.....: Skorstenshøjde over terræn [m]
T.....: Temperatur af røggas [Kelvin]/[Celsius]
VOL.....: Volumenmængde af røggas [normal m3/sek]
DSO.....: Ydre diameter af skorstenstop [m]
DSI.....: Indre diameter af skorstenstop [m]
HB.....: Generel beregningsmæssig bygningshøjde [m]
Qi.....: Emission af stof nr. 'i' [gram/sek], [MLE/sek] eller [MOU/sek]

Punktkilder.

Kildedata:														
Nr ID	X	Y	Z	HS	T(C)	VOL	DSI	DSO	HB	Q1	Q2	Q3		
1 1	727753.	6176879.	2.1	35.0	18.	26.00	1.60	2.00	15.0	0.1180	0.0000	0.0000		

Tidsvariationer i emissionen fra punktkilder.

Emissionerne fra de enkelte punktkilder er konstant.

Aflæste kildeparametre:

Kilde nr.	Vertikal røggashastighed m/s	Buoyancy flux (termisk løft) (omtrentlig) m4/s3
1	13.8	2.4

Der er ingen retningsafhængige bygningsdata.

Side til advarsler.

Lugt Periode: 740101-831231

De 4. største månedlige 99%-fraktiler (µg/m3)

Retning (grader)	Afstand (m)															
	50	75	100	125	150	175	200	250	300	350	400	450	500	600	700	
0	0.2	0.4	1.1	1.5	1.7	1.8	2.0	2.2	2.3	2.2	2.1	2.0	1.9	1.6	1.4	
10	0.2	0.4	0.9	1.4	1.9	1.7	1.9	2.3	2.4	2.5	2.3	2.2	2.1	1.7	1.5	
20	0.2	0.5	1.1	1.7	1.9	2.0	2.1	2.4	2.4	2.4	2.3	2.1	2.0	1.7	1.5	
30	0.2	0.6	1.3	2.0	2.1	2.0	2.1	2.3	2.4	2.4	2.3	2.2	2.0	1.8	1.5	
40	0.2	0.6	1.7	2.1	2.8	2.5	2.4	2.4	2.4	2.4	2.2	2.1	2.0	1.8	1.5	
50	0.2	0.7	1.8	2.5	2.9	2.9	2.8	2.7	2.6	2.4	2.3	2.2	2.1	1.9	1.5	
60	0.2	0.6	1.8	2.6	2.7	2.9	2.8	2.6	2.5	2.4	2.3	2.2	2.1	1.8	1.6	
70	0.2	0.6	1.5	2.2	2.5	2.5	2.6	2.5	2.5	2.4	2.3	2.2	2.1	1.8	1.6	
80	0.2	0.5	1.3	1.9	2.4	2.4	2.5	2.4	2.5	2.5	2.4	2.3	2.1	1.8	1.6	
90	0.2	0.5	1.1	1.7	2.2	2.2	2.3	2.4	2.4	2.4	2.4	2.3	2.1	1.9	1.6	
100	0.2	0.5	1.0	1.7	2.0	2.2	2.3	2.4	2.4	2.3	2.2	2.1	2.0	1.8	1.5	
110	0.2	0.4	1.0	1.7	2.0	2.3	2.4	2.3	2.3	2.3	2.2	2.1	1.9	1.7	1.4	
120	0.2	0.5	1.2	1.6	1.9	2.3	2.2	2.3	2.2	2.2	2.0	1.9	1.8	1.5	1.4	
130	0.1	0.5	1.2	1.9	2.1	2.2	2.3	2.2	2.2	2.1	2.1	1.9	1.7	1.4	1.2	
140	0.1	0.5	0.9	1.6	2.0	2.2	2.4	2.4	2.4	2.0	2.1	1.8	1.6	1.4	1.1	
150	0.1	0.5	0.9	1.4	1.9	2.1	2.2	2.2	2.0	1.9	1.8	1.7	1.5	1.2	1.0	
160	0.2	0.4	0.7	1.2	1.6	1.8	2.0	2.0	1.9	1.8	1.6	1.5	1.3	1.2	1.0	
170	0.2	0.4	0.7	1.3	1.6	1.9	2.1	2.0	1.9	1.7	1.5	1.5	1.3	1.1	1.0	
180	0.2	0.4	0.8	1.3	1.7	2.0	2.2	2.1	1.9	1.8	1.7	1.6	1.4	1.2	1.1	
190	0.2	0.5	0.8	1.4	1.8	2.0	2.1	2.0	1.9	1.8	1.8	1.7	1.6	1.4	1.2	
200	0.1	0.4	0.8	1.4	1.9	2.2	2.1	2.2	2.1	2.0	1.9	1.7	1.6	1.5	1.4	
210	0.1	0.4	1.0	1.4	1.8	2.1	2.1	2.2	2.1	2.1	1.9	1.9	1.8	1.6	1.3	
220	0.2	0.5	1.0	1.8	1.9	2.3	2.3	2.2	2.2	2.2	2.0	1.9	1.7	1.5	1.3	
230	0.2	0.5	1.0	1.6	1.9	2.3	2.4	2.4	2.5	2.5	2.3	2.1	1.9	1.6	1.3	
240	0.2	0.5	0.9	1.5	1.8	2.0	2.2	2.3	2.3	2.3	2.2	2.2	1.9	1.6	1.4	
250	0.2	0.5	0.9	1.5	2.0	2.1	2.2	2.4	2.4	2.4	2.4	2.0	2.0	1.7	1.4	
260	0.2	0.5	1.0	1.4	1.9	2.1	2.2	2.3	2.5	2.3	2.2	2.4	2.0	1.7	1.5	
270	0.2	0.4	0.9	1.6	1.9	2.2	2.2	2.4	2.5	2.2	2.1	2.4	2.0	1.7	1.4	
280	0.2	0.4	1.2	1.6	2.1	2.5	2.6	2.5	2.4	2.4	2.2	2.5	2.2	1.7	1.5	
290	0.2	0.5	1.3	1.8	2.1	2.2	2.6	2.5	2.5	2.5	2.3	2.2	2.2	1.8	1.5	
300	0.2	0.5	1.5	1.8	2.3	2.5	2.4	2.5	2.6	2.6	2.5	2.3	2.2	1.8	1.5	
310	0.1	0.5	1.1	1.7	2.0	2.2	2.3	2.4	2.6	2.5	2.4	2.1	2.0	1.8	1.5	
320	0.1	0.5	0.8	1.5	1.9	2.0	2.1	2.2	2.4	2.4	2.3	2.1	2.0	1.7	1.4	
330	0.1	0.5	1.0	1.5	1.7	1.8	2.1	2.2	2.4	2.4	2.2	2.1	1.9	1.6	1.4	
340	0.1	0.5	1.1	1.6	1.9	1.8	2.0	2.3	2.4	2.4	2.2	2.0	1.9	1.6	1.4	
350	0.1	0.5	1.1	1.4	1.5	1.9	2.0	2.3	2.3	2.2	2.2	2.1	1.9	1.7	1.5	

Maksimum= 2.94 i afstand 175 m og retning 60 grader i 197806 (yyyymm)

Lugt Periode: 740101-831231

De største månedlige 99%-fraktiler (µg/m3)

Retning (grader)	Afstand (m)															
	50	75	100	125	150	175	200	250	300	350	400	450	500	600	700	
0	0.2	1.5	2.7	3.0	2.8	2.4	2.4	2.3	2.5	2.4	2.2	2.1	2.0	1.7	1.5	
10	0.2	1.3	2.1	2.4	2.6	2.5	2.6	2.5	2.6	2.6	2.5	2.3	2.2	1.9	1.6	
20	0.2	0.7	1.4	2.4	2.5	2.6	2.6	2.5	2.6	2.5	2.3	2.2	2.1	1.8	1.5	
30	0.2	0.9	2.0	2.2	2.3	2.6	2.5	2.5	2.4	2.5	2.4	2.3	2.1	1.9	1.5	
40	0.2	1.2	2.2	2.7	3.1	3.2	3.0	2.6	2.6	2.5	2.4	2.3	2.1	1.8	1.6	
50	0.2	1.6	2.9	3.0	3.5	3.9	4.0	3.7	2.9	2.5	2.4	2.3	2.1	1.9	1.6	
60	0.2	1.4	2.9	3.3	3.3	3.2	3.3	2.9	2.6	2.5	2.4	2.3	2.2	1.9	1.6	

70	0.2	1.1	2.0	3.0	3.2	3.1	3.0	2.8	2.6	2.5	2.4	2.3	2.1	1.9	1.6
80	0.2	0.7	1.7	2.8	2.9	2.7	2.6	2.5	2.6	2.5	2.5	2.3	2.2	1.9	1.6
90	0.2	0.6	1.2	2.0	2.6	2.6	2.4	2.4	2.6	2.6	2.4	2.3	2.2	1.9	1.6
100	0.2	0.6	1.4	2.3	2.5	2.4	2.5	2.4	2.5	2.5	2.4	2.3	2.2	1.9	1.7
110	0.2	0.6	1.4	2.2	2.3	2.4	2.5	2.5	2.5	2.3	2.2	2.1	2.1	1.8	1.6
120	0.2	0.7	1.6	2.3	2.6	2.6	2.5	2.5	2.3	2.3	2.2	2.1	2.0	1.9	1.7
130	0.2	0.9	2.2	3.0	3.2	3.0	2.9	2.5	2.2	2.2	2.2	2.1	1.9	1.7	1.5
140	0.2	0.9	2.2	2.7	2.9	2.7	2.7	2.5	2.4	2.1	2.2	1.9	1.7	1.5	1.3
150	0.2	0.7	1.7	2.4	2.6	2.4	2.3	2.4	2.2	2.0	1.9	2.1	1.7	1.4	1.2
160	0.2	0.5	1.3	1.6	2.0	2.2	2.4	2.2	2.1	1.9	1.8	1.6	1.5	1.3	1.1
170	0.2	0.5	1.0	1.6	1.8	2.1	2.2	2.3	2.1	2.0	1.8	1.7	1.5	1.3	1.1
180	0.2	0.5	1.3	1.9	2.1	2.2	2.4	2.2	2.1	1.9	1.9	1.8	1.7	1.4	1.2
190	0.2	0.5	1.2	1.8	2.0	2.2	2.2	2.1	2.1	2.0	2.0	1.9	1.8	1.5	1.3
200	0.2	0.7	1.4	2.1	2.8	2.6	2.5	2.4	2.2	2.3	2.2	2.1	2.0	1.7	1.4
210	0.2	0.9	1.8	2.5	2.8	2.8	2.8	2.5	2.4	2.4	2.3	2.2	2.1	1.7	1.5
220	0.2	1.1	2.3	3.2	3.3	3.0	2.8	2.5	2.6	2.5	2.4	2.2	2.1	1.7	1.5
230	0.2	1.1	2.4	2.9	2.9	2.6	2.5	2.5	2.6	2.7	2.6	2.4	2.1	1.7	1.5
240	0.2	1.1	2.4	3.2	3.2	2.9	2.8	2.5	2.5	2.5	2.5	2.5	2.2	1.8	1.5
250	0.2	1.1	2.1	2.5	2.7	2.3	2.6	2.5	2.6	2.7	2.7	2.4	2.3	1.8	1.5
260	0.2	0.9	2.0	2.8	2.6	2.5	2.3	2.4	2.8	2.6	2.5	2.7	2.3	1.9	1.5
270	0.2	1.2	2.5	2.5	2.5	2.5	2.5	2.5	2.9	2.5	2.5	2.8	2.3	1.8	1.5
280	0.2	1.1	1.9	1.9	2.2	2.7	2.9	2.6	2.5	2.5	2.4	2.8	2.4	1.9	1.6
290	0.2	1.0	1.4	2.0	2.3	2.6	2.8	2.8	2.8	2.7	2.5	2.5	2.3	1.8	1.6
300	0.2	0.7	1.8	2.1	2.5	2.9	3.0	2.9	2.9	2.8	2.6	2.5	2.5	2.3	2.0
310	0.2	0.6	1.4	2.3	2.6	2.8	2.7	2.5	2.7	2.7	2.6	2.6	2.5	2.3	2.0
320	0.2	1.1	1.8	2.3	2.4	2.3	2.3	2.4	2.6	2.4	2.3	2.3	2.2	2.2	2.0
330	0.2	1.8	2.2	2.3	2.7	2.6	2.5	2.3	2.6	2.6	2.4	2.2	2.1	1.8	1.5
340	0.2	1.7	3.1	3.3	3.1	2.7	2.6	2.4	2.4	2.5	2.3	2.1	2.0	1.7	1.4
350	0.2	1.5	2.9	3.3	2.7	2.5	2.2	2.4	2.5	2.4	2.3	2.1	2.0	1.8	1.5

Maksimum= 4.03 i afstand 200 m og retning 50 grader i 197608 (yyyyyy)

Dato: 2026/03/25 OML-Multi PC-version 20240314/7.10 Side 7
DCE - Nationalt Center for Miljø og Energi, Aarhus Universitet

Lugt Periode: 740101-831231

Middelværdier (µg/m3)

Retning (grader)	Afstand (m)														
	50	75	100	125	150	175	200	250	300	350	400	450	500	600	700
0	1.89E-03	5.18E-03	8.99E-03	1.42E-02	2.09E-02	2.89E-02	3.60E-02	4.53E-02	4.95E-02	4.95E-02	4.82E-02	4.61E-02	4.37E-02	3.84E-02	3.40E-02
10	2.03E-03	5.74E-03	9.41E-03	1.50E-02	2.40E-02	3.36E-02	4.20E-02	5.39E-02	5.98E-02	6.03E-02	5.74E-02	5.49E-02	5.34E-02	4.54E-02	3.94E-02
20	2.16E-03	6.12E-03	1.01E-02	1.75E-02	2.61E-02	3.69E-02	4.62E-02	6.17E-02	6.75E-02	6.89E-02	6.69E-02	6.38E-02	5.99E-02	5.17E-02	4.48E-02
30	2.22E-03	6.41E-03	1.12E-02	1.88E-02	2.88E-02	4.04E-02	5.23E-02	6.79E-02	7.40E-02	7.44E-02	7.42E-02	7.10E-02	6.66E-02	5.85E-02	4.96E-02
40	1.99E-03	6.40E-03	1.26E-02	2.12E-02	3.33E-02	4.79E-02	5.95E-02	7.70E-02	8.31E-02	8.43E-02	8.13E-02	7.66E-02	7.21E-02	6.26E-02	5.36E-02
50	2.10E-03	6.48E-03	1.46E-02	2.68E-02	4.49E-02	6.48E-02	8.08E-02	1.01E-01	1.10E-01	1.07E-01	1.01E-01	9.43E-02	8.76E-02	7.58E-02	6.39E-02
60	1.96E-03	6.27E-03	1.58E-02	3.29E-02	5.30E-02	7.83E-02	9.70E-02	1.21E-01	1.28E-01	1.25E-01	1.18E-01	1.10E-01	1.04E-01	8.73E-02	7.33E-02
70	1.85E-03	6.02E-03	1.41E-02	2.95E-02	5.09E-02	7.44E-02	9.42E-02	1.19E-01	1.27E-01	1.25E-01	1.19E-01	1.12E-01	1.04E-01	8.85E-02	7.49E-02
80	1.83E-03	5.48E-03	1.25E-02	2.59E-02	4.57E-02	6.61E-02	8.42E-02	1.09E-01	1.19E-01	1.19E-01	1.15E-01	1.09E-01	1.02E-01	8.75E-02	7.47E-02
90	1.81E-03	5.36E-03	1.17E-02	2.48E-02	4.37E-02	6.11E-02	7.83E-02	1.01E-01	1.09E-01	1.09E-01	1.05E-01	9.93E-02	9.27E-02	7.95E-02	6.79E-02
100	1.80E-03	5.41E-03	1.19E-02	2.61E-02	4.35E-02	6.28E-02	7.93E-02	9.92E-02	1.05E-01	1.03E-01	9.83E-02	9.18E-02	8.59E-02	7.30E-02	6.11E-02
110	1.84E-03	5.50E-03	1.17E-02	2.29E-02	3.88E-02	5.45E-02	6.74E-02	8.22E-02	8.60E-02	8.37E-02	7.90E-02	7.34E-02	6.88E-02	5.70E-02	4.89E-02
120	1.79E-03	5.43E-03	1.08E-02	1.95E-02	3.12E-02	4.24E-02	5.12E-02	6.10E-02	6.31E-02	6.12E-02	5.76E-02	5.35E-02	4.97E-02	4.18E-02	3.58E-02
130	1.61E-03	5.12E-03	1.03E-02	1.92E-02	2.58E-02	3.37E-02	3.98E-02	4.60E-02	4.70E-02	4.62E-02	4.46E-02	4.09E-02	3.69E-02	3.08E-02	2.63E-02
140	1.63E-03	5.13E-03	9.42E-03	1.53E-02	2.20E-02	2.77E-02	3.18E-02	3.58E-02	3.96E-02	3.44E-02	3.50E-02	3.03E-02	2.80E-02	2.38E-02	2.02E-02
150	1.67E-03	5.11E-03	8.75E-03	1.36E-02	1.87E-02	2.29E-02	2.59E-02	2.87E-02	2.87E-02	2.75E-02	2.60E-02	2.74E-02	2.24E-02	1.93E-02	1.68E-02
160	1.81E-03	5.16E-03	8.32E-03	1.22E-02	1.63E-02	1.96E-02	2.20E-02	2.42E-02	2.43E-02	2.34E-02	2.20E-02	2.10E-02	1.94E-02	1.67E-02	1.46E-02
170	1.90E-03	5.32E-03	8.33E-03	1.20E-02	1.53E-02	1.83E-02	2.05E-02	2.28E-02	2.31E-02	2.24E-02	2.13E-02	2.00E-02	1.88E-02	1.65E-02	1.45E-02
180	2.05E-03	5.51E-03	8.45E-03	1.25E-02	1.59E-02	1.87E-02	2.11E-02	2.37E-02	2.42E-02	2.37E-02	2.26E-02	2.13E-02	2.00E-02	1.76E-02	1.57E-02
190	2.17E-03	5.85E-03	8.89E-03	1.28E-02	1.69E-02	1.99E-02	2.24E-02	2.49E-02	2.56E-02	2.51E-02	2.41E-02	2.28E-02	2.21E-02	1.90E-02	1.67E-02
200	2.29E-03	6.07E-03	9.31E-03	1.33E-02	1.76E-02	2.09E-02	2.30E-02	2.71E-02	2.80E-02	2.75E-02	2.71E-02	2.53E-02	2.40E-02	2.10E-02	1.86E-02
210	2.37E-03	6.42E-03	9.76E-03	1.40E-02	1.83E-02	2.24E-02	2.54E-02	2.94E-02	3.06E-02	3.03E-02	2.96E-02	2.85E-02	2.69E-02	2.40E-02	2.06E-02
220	2.41E-03	6.50E-03	1.01E-02	1.48E-02	2.00E-02	2.48E-02	2.87E-02	3.26E-02	3.43E-02	3.38E-02	3.28E-02	3.14E-02	2.94E-02	2.59E-02	2.40E-02
230	2.41E-03	6.48E-03	1.02E-02	1.53E-02	2.07E-02	2.72E-02	3.21E-02	3.88E-02	4.12E-02	4.42E-02	4.01E-02	3.87E-02	3.52E-02	3.01E-02	2.63E-02
240	2.38E-03	6.33E-03	1.00E-02	1.48E-02	2.07E-02	2.75E-02	3.37E-02	4.20E-02	4.46E-02	4.49E-02	4.49E-02	4.57E-02	3.91E-02	3.37E-02	2.97E-02
250	2.33E-03	6.29E-03	9.86E-03	1.50E-02	2.25E-02	2.97E-02	3.62E-02	4.65E-02	4.91E-02	5.08E-02	5.35E-02	4.58E-02	4.79E-02	3.80E-02	3.34E-02
260	2.29E-03	6.23E-03	9.99E-03	1.56E-02	2.26E-02	3.09E-02	3.72E-02	4.71E-02	5.54E-02	4.99E-02	4.88E-02	5.70E-02	4.62E-02	3.81E-02	3.33E-02
270	2.24E-03	6.11E-03	1.08E-02	1.82E-02	2.68E-02	3.57E-02	4.27E-02	5.16E-02	6.05E-02	5.21E-02	5.11E-02	6.05E-02	4.92E-02	3.89E-02	3.33E-02
280	2.14E-03	6.05E-03	1.37E-02	2.13E-02	3.23E-02	4.94E-02	6.09E-02	6.33E-02	6.35E-02	6.26E-02	5.86E-02	6.71E-02	5.67E-02	4.51E-02	3.77E-02
290	2.07E-03	6.06E-03	1.50E-02	2.45E-02	3.63E-02	4.92E-02	6.99E-02	7.73E-02	8.27E-02	7.99E-02	7.33E-02	7.19E-02	6.96E-02	5.56E-02	4.73E-02
300	1.92E-03	5.66E-03	1.88E-02	2.39E-02	3.88E-02	5.42E-02	6.91E-02	7.61E-02	8.28E-02	8.17E-02	7.90E-02	7.38E-02	6.94E-02	5.74E-02	4.80E-02
310	1.74E-03	5.23E-03	1.02E-02	1.90E-02	2.99E-02	4.11E-02	4.95E-02	6.38E-02	6.76E-02	6.66E-02	6.29E-02	5.73E-02	5.38E-02	4.66E-02	4.02E-02
320	1.64E-03	5.15E-03	9.48E-03	1.67E-02	2.27E-02	3.07E-02	3.83E-02	4.63E-02	5.33E-02	5.32E-02	5.04E-02	4.73E-02	4.47E-02	3.92E-02	3.44E-02
330	1.62E-03	5.11E-03	8.66E-03	1.39E-02	2.11E-02	2.76E-02	3.72E-02	4.14E-02	4.71E-02	4.69E-02	4.50E-02	4.32E-02	4.09E-02	3.60E-02	3.28E-02
340	1.65E-03	4.88E-03	8.61E-03	1.37E-02	2.00E-02	2.71E-02	3.37E-02	4.30E-02	4.61E-02	4.85E-02	4.47E-02	4.29E-02	4.07E-02	3.59E-02	3.18E-02
350	1.69E-03	4.91E-03	9.10E-03	1.37E-02	1.89E-02	2.59E-02	3.40E-02	4.40E-02	4.68E-02	4.73E-02	4.65E-02	4.47E-02	4.24E-02	3.86E-02	3.26E-02

Maksimum= 1.28E-01 i afstand 300 m og retning 60 grader.

Dato: 2026/03/25 OML-Multi PC-version 20240314/7.10 Side 8
DCE - Nationalt Center for Miljø og Energi, Aarhus Universitet

Lugt Periode: 740101-831231

Maksimalt timeværdier (µg/m3)

Retning (grader)	Afstand (m)															
	50	75	100	125	150	175	200	250	300	350	400	450	500	600	700	
0	2.1	5.3	5.3	6.0	7.0	6.9	6.3	5.1	4.2	3.5	3.3	3.1	3.0	2.7	2.5	
10	2.0	5.3	5.1	5.3	7.0	7.3	7.0	5.7	4.7	4.2	3.7	3.2	2.9	2.7	2.4	
20	2.0	5.2	5.1	5.2	6.1	6.3	6.0	4.9	4.3	3.8	4.4	4.7	4.7	4.3	3.9	
30	1.8	4.9	5.0	5.4	5.5	5.3	5.3	4.6	4.1	4.5	5.5	5.9	6.0	5.8	5.1	
40	1.7	5.0	5.1	5.5	5.6	5.6	5.5	4.9	4.2	3.8	4.2	4.4	4.5	4.2	3.7	
50	1.7	4.7	5.2	5.1	5.6	5.6	5.7	5.0	5.5	5.8	5.7	5.4	5.0	4.3	3.8	
60	1.5	4.0	5.0	5.0	5.1	5.5	5.5	5.2	6.2	6.6	6.6	6.3	5.9	5.2	4.5	
70	1.1	3.3	4.5	4.8	5.2	5.4	5.4	5.2	4.5	3.9	3.7	3.5	3.2	2.9	2.8	
80	0.8	3.3	4.4	5.5	5.9	5.7	5.2	5.0	4.8	4.3	3.8	3.2	3.0	2.8	2.5	
90	0.7	3.5	5.2	5.2	5.6	5.2	4.7	4.1	5.1	5.4	5.3	5.0	4.7	4.0	3.3	
100	0.8	3.9	5.8	5.7	4.9	5.3	5.4	4.8	3.9	3.4	3.3	3.2	3.2	3.0	2.7	
110	0.8	4.1	5.4	5.4	5.4	5.4	5.5	4.9	4.0	3.6	3.2	3.0	3.0	2.8	2.6	
120	0.9	4.3	5.3	6.1	6.1	6.3	6.5	5.7	5.2	4.7	4.0	3.4	3.5	3.3	3.1	
130	0.8	3.9	4.9	6.5	6.3	6.1	6.2	5.5	4.5	3.8	3.3	3.3	3.4	3.2	3.0	
140	1.0	3.4	4.2	5.5	5.6	5.4	4.8	4.2	3.9	3.5	3.3	3.1	3.2	3.0	2.7	
150	1.2	4.3	4.6	6.0	6.7	6.4	5.7	4.3	3.6	3.5	3.3	3.2	3.0	2.6	2.4	
160	1.3	4.8	5.3	5.8	6.5	6.2	5.5	4.7	4.5	4.0	3.4	3.2	3.3	3.2	3.1	
170	1.6	4.8	5.3	4.7	5.1	5.5	5.3	5.6	6.0	5.9	5.5	5.1	4.7	4.0	3.5	
180	1.8	5.2	5.2	4.7	6.4	6.9	6.7	6.2	6.7	6.7	6.3	5.9	5.4	4.7	4.1	
190	1.8	5.2	5.3	4.5	6.2	6.7	6.5	5.4	4.4	4.3	4.0	3.6	3.3	3.4	3.6	
200	1.6	4.7	4.8	4.6	4.7	5.0	4.8	4.3	3.8	4.1	4.2	3.9	3.7	3.2	2.7	
210	1.5	4.7	4.9	5.3	5.0	5.0	4.8	4.7	4.1	3.7	3.5	3.4	3.2	3.0	2.8	
220	1.6	5.1	5.7	4.9	4.6	4.5	4.7	4.8	4.7	4.2	3.8	3.9	4.2	4.2	4.1	
230	1.6	5.1	6.2	5.4	6.0	6.4	6.2	5.2	4.4	3.9	3.4	3.8	3.9	3.9	3.6	
240	1.4	4.9	5.9	5.6	7.0	7.5	7.3	6.2	5.2	4.6	4.1	3.7	3.4	2.9	2.8	
250	1.1	4.2	5.2	5.4	6.4	6.7	6.5	5.5	4.8	4.8	4.6	4.2	3.9	3.7	3.7	
260	0.8	3.6	4.9	5.8	7.6	8.1	7.8	6.9	6.7	6.7	6.5	6.5	5.7	5.2	4.8	
270	0.8	3.2	5.6	6.2	7.0	7.4	8.1	8.0	7.4	6.7	6.1	5.5	5.1	4.4	3.8	
280	0.9	3.8	6.4	6.9	6.3	7.2	7.2	6.3	5.6	5.0	5.4	7.3	6.7	5.9	5.2	
290	1.0	3.9	6.1	6.5	6.7	7.5	7.7	7.1	7.4	7.2	6.7	7.4	7.9	7.2	6.6	
300	0.9	3.7	5.4	6.8	7.1	6.6	6.0	6.8	7.0	6.8	6.4	6.0	6.0	5.4	4.7	
310	0.9	3.3	5.7	6.6	6.9	6.4	5.6	4.7	4.2	5.3	6.0	6.1	6.2	5.8	5.2	
320	1.3	4.0	6.0	7.0	6.3	5.5	6.0	5.7	4.8	4.0	4.5	4.6	4.7	4.7	4.4	
330	1.7	4.6	5.8	6.1	5.8	5.4	6.0	5.5	4.6	3.8	4.0	4.5	4.8	4.7	4.8	
340	2.0	5.3	5.5	5.1	4.8	4.7	4.5	4.1	4.1	4.1	5.1	6.0	6.5	6.7	6.5	
350	2.1	5.6	5.6	5.7	6.6	6.5	5.9	5.1	4.3	4.1	4.2	4.1	3.9	3.6	3.1	

Maksimum= 8.10 i afstand 175 m og retning 260 grader.

Dato: 2026/03/25 OML-Multi PC-version 20240314/7.10 Side 9
DCE - Nationalt Center for Miljø og Energi, Aarhus Universitet

Benyttede filer.

Følgende inputfiler er benyttet i beregningerne:

Punktkilder Z:\Tasks\126\126-22081\Data\OML filer\zoomed grid\sweeps\sweep\run_001\ARC_GRID_ZOOM_run_001.kld
Meteorologi..... C:\OML_Data\Aal7483LST.met
Receptorer..... Z:\Tasks\126\126-22081\Data\OML filer\zoomed grid\sweeps\sweep\run_001\ARC_GRID_ZOOM_run_001.rct
Beregningsopsætning..... Z:\Tasks\126\126-22081\Data\OML filer\zoomed grid\ARC_GRID_ZOOM.opt

Følgende outputfil er benyttet:

Resultater Z:\Tasks\126\126-22081\Data\OML filer\zoomed grid\sweeps\sweep\run_001\ARC_GRID_ZOOM_run_001.log

Receptorhøjde: 10 meter

Dato: 2026/03/25 OML-Multi PC-version 20240314/7.10 Side 1
DCE - Nationalt Center for Miljø og Energi, Aarhus Universitet

Meteorologiske spredningsberegninger er udført for følgende periode (lokal standard tid):

Start af beregningen = 740101 kl. 1
Slut på beregningen (incl.) = 831231 kl. 24

Meteorologiske data er fra: AALBORG

Koordinatsystem.

Der er anvendt et x,y-koordinatsystem med x-akse mod øst (90 grader) og y-akse mod nord (0 grader). Enheden er meter. Systemet er fælles for receptorer og kilder. Origo kan fastlægges frit, fx. i skorstensfoden for den mest dominerende kilde eller som i UTM-systemet.

Receptordata.

Ruhedslængde, z0 = 0.300 m

Største terrænhældning = 12 grader

Receptorerne er beliggende med 10 graders interval i 15 koncentriske cirkler med centrum x,y: 727753., 6176879.
og radierne (m): 50. 75. 100. 150. 200.
300. 400. 500. 600. 700.
800. 1000. 1500. 2000. 2500.

Terrænhøjder er ikke alle ens.

Alle receptorhøjder = 10.0 m.

Alle overflader er typenr. = 2 (Har kun betydning ved VVM-deposition)

Dato: 2026/03/25 OML-Multi PC-version 20240314/7.10 Side 2
DCE - Nationalt Center for Miljø og Energi, Aarhus Universitet

Terrænhøjder [m]

Retning (grader)	Afstand (m)														
	50	75	100	150	200	300	400	500	600	700	800	1000	1500	2000	2500
0	2.6	2.2	2.6	2.6	2.8	2.3	2.0	0.0	0.0	2.0	0.3	2.4	2.6	0.0	0.0
10	2.7	2.3	2.3	3.0	2.7	2.7	1.9	1.9	0.0	0.0	2.7	2.7	0.8	0.0	0.0
20	2.8	2.5	2.2	2.4	2.5	2.7	2.7	0.0	1.9	0.0	0.0	0.1	0.1	0.0	0.0
30	2.9	2.4	2.3	2.4	2.5	2.1	2.6	2.6	0.0	0.0	0.0	0.1	0.0	0.0	0.0
40	2.9	2.3	2.4	2.3	2.4	2.5	2.7	2.8	2.9	2.7	2.6	0.0	0.0	0.0	0.0
50	3.0	2.3	2.1	2.3	2.3	2.4	2.3	2.8	2.8	3.0	2.9	0.0	0.0	0.0	0.0
60	3.0	2.2	2.6	2.2	2.5	2.5	1.8	0.6	2.8	2.7	2.7	0.0	0.0	0.0	0.0
70	2.9	2.3	2.2	2.3	2.6	2.4	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80	3.1	2.2	2.3	2.4	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90	3.1	2.5	2.2	2.4	2.3	0.0	0.0	0.0	0.0	2.1	2.2	0.0	0.0	0.0	0.0
100	3.1	2.7	2.4	0.0	0.0	0.0	0.0	1.2	2.3	2.5	2.2	0.0	0.0	0.0	0.0
110	3.2	2.8	2.3	0.0	0.0	0.0	0.0	2.3	2.5	2.5	2.3	2.3	0.0	0.0	0.0
120	3.2	3.0	2.6	0.0	0.0	0.0	2.4	2.2	2.3	2.5	3.0	0.0	4.9	0.0	0.0
130	2.3	2.7	2.8	0.0	0.0	0.0	3.5	2.3	2.7	2.5	2.3	0.0	2.4	0.0	0.0
140	2.2	2.7	2.5	3.6	4.7	0.0	2.9	5.5	2.1	2.6	4.5	2.4	2.5	0.0	0.0
150	2.1	2.4	2.2	0.0	0.0	0.0	2.9	2.7	4.4	2.1	2.7	2.4	2.6	1.4	0.0
160	2.2	2.5	2.4	0.0	0.0	0.0	1.2	3.2	3.0	3.0	2.1	0.0	0.0	0.8	0.0
170	2.1	2.4	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.2	1.3	1.9
180	2.1	2.5	2.0	2.3	0.0	0.0	0.0	0.0	0.0	2.8	8.1	3.4	1.9	3.1	2.1
190	2.1	2.2	2.2	2.5	2.4	0.0	0.0	2.7	3.5	2.1	2.9	1.6	0.9	1.8	2.1
200	2.0	2.1	2.2	2.3	2.5	0.1	0.0	0.0	2.5	2.4	2.0	2.1	1.1	1.9	2.7
210	2.0	2.2	2.1	2.3	2.5	2.3	2.8	2.5	4.8	7.3	4.2	5.0	1.1	2.6	2.0
220	2.0	2.1	2.2	2.5	2.8	2.5	2.6	2.9	2.3	4.0	4.5	0.6	0.6	1.3	2.0
230	2.1	2.1	2.2	2.4	3.0	3.0	3.1	3.3	3.2	0.8	0.6	2.8	0.0	1.8	5.7
240	2.1	2.1	2.2	2.4	3.0	3.4	3.8	2.7	2.1	1.1	0.0	0.3	2.2	1.4	1.8
250	2.0	2.2	2.2	3.0	2.9	3.3	8.3	3.3	2.2	0.0	1.7	0.0	1.8	0.0	2.0
260	2.1	2.2	2.1	2.3	2.6	2.6	2.6	3.6	0.0	0.0	1.0	1.7	3.1	2.2	4.6
270	2.1	2.1	2.2	2.6	2.8	2.8	1.9	6.3	2.3	0.2	1.9	2.5	0.0	3.0	4.3
280	2.1	2.1	3.5	2.8	4.0	2.4	2.0	6.0	2.6	0.0	0.0	2.6	0.0	2.8	6.1
290	2.2	2.3	4.0	1.6	6.3	3.2	2.6	5.7	3.1	2.9	0.0	0.9	0.0	9.6	3.0
300	2.2	2.2	2.7	3.0	2.7	3.1	3.5	3.9	3.0	0.0	2.7	0.0	0.0	0.4	5.8
310	2.1	2.2	7.7	3.0	3.1	3.1	3.2	3.0	0.0	0.0	2.4	2.6	0.0	0.0	2.4
320	2.1	2.2	2.7	2.9	3.0	3.5	2.6	0.0	0.0	2.6	1.9	2.3	0.0	0.0	0.0
330	2.2	2.9	2.8	3.0	2.7	2.9	0.0	0.0	0.0	2.1	2.1	5.6	0.0	0.0	0.0
340	2.1	2.7	2.9	3.1	3.0	2.6	0.0	0.0	0.0	2.5	2.7	1.9	2.7	0.0	0.0
350	2.3	2.2	3.3	3.0	2.6	2.5	3.9	5.6	0.0	6.6	2.3	4.7	2.5	0.0	0.0

Dato: 2026/03/25 OML-Multi PC-version 20240314/7.10 Side 3
DCE - Nationalt Center for Miljø og Energi, Aarhus Universitet

Forkortelser benyttet for kildeparametrene:

Nr.....: Internt kildenummer
ID.....: Tekst til identificering af kilde

X.....: X-koordinat for kilde [m]
Y.....: Y-koordinat for kilde [m]
Z.....: Terrænkote for skorstensfod [m]
HS.....: Skorstenshøjde over terræn [m]
T.....: Temperatur af røggas [Kelvin]/[Celsius]
VOL.....: Volumenmængde af røggas [normal m3/sek]
DSO.....: Ydre diameter af skorstenstop [m]
DSI.....: Indre diameter af skorstenstop [m]
HB.....: Generel beregningsmæssig bygningshøjde [m]
Qi.....: Emission af stof nr. 'i' [gram/sek], [MLE/sek] eller [MOU/sek]

Punktkilder.

Kildedata:

Nr	ID	X	Y	Z	HS	T(C)	VOL	DSI	DSO	HB	Q1	Q2	Q3
1	1	727753.	6176879.	2.1	35.0	18.	26.00	1.60	2.00	15.0	0.1180	0.0000	0.0000

Tidsvariationer i emissionen fra punktkilder.

Emissionerne fra de enkelte punktkilder er konstant.

Afledte kildeparametre:

Kilde nr.	Vertikal røggashastighed m/s	Buoyancy flux (termisk løft) (omtrentlig) m4/s3
1	13.8	2.4

Der er ingen retningsafhængige bygningsdata.

Dato: 2026/03/25 OML-Multi PC-version 20240314/7.10 Side 4
DCE - Nationalt Center for Miljø og Energi, Aarhus Universitet

Side til advarsler.

Dato: 2026/03/25 OML-Multi PC-version 20240314/7.10 Side 5
DCE - Nationalt Center for Miljø og Energi, Aarhus Universitet

Lugt Periode: 740101-831231

De 4. største månedlige 99%-fraktiler (µg/m3)

Retning (grader)	50	75	100	150	200	300	400	500	600	700	800	1000	1500	2000	2500
0	0.5	0.8	1.3	2.2	2.6	2.6	2.2	1.9	1.6	1.4	1.2	0.9	0.5	0.3	0.3
10	0.6	1.0	1.2	2.3	2.7	2.8	2.4	2.1	1.8	1.5	1.3	1.0	0.5	0.4	0.3
20	0.5	0.9	1.4	2.2	2.7	2.7	2.4	2.0	1.7	1.5	1.3	1.0	0.6	0.4	0.3
30	0.5	0.9	1.6	2.4	2.8	2.7	2.5	2.1	1.8	1.5	1.3	1.0	0.6	0.4	0.3
40	0.6	1.0	1.9	2.9	2.7	2.7	2.4	2.1	1.8	1.5	1.3	1.0	0.6	0.4	0.3
50	0.6	1.1	2.1	3.1	2.9	2.8	2.5	2.2	1.9	1.5	1.3	1.0	0.6	0.4	0.3
60	0.6	1.2	2.2	2.9	2.9	2.8	2.5	2.1	1.8	1.6	1.3	1.0	0.6	0.4	0.3
70	0.5	1.0	1.9	2.6	2.9	2.8	2.5	2.1	1.8	1.6	1.3	1.0	0.6	0.4	0.3
80	0.5	0.9	1.7	2.6	2.8	2.8	2.5	2.2	1.9	1.6	1.4	1.1	0.7	0.4	0.3
90	0.5	0.9	1.5	2.5	2.8	2.8	2.5	2.2	1.9	1.6	1.4	1.1	0.7	0.5	0.4
100	0.5	0.9	1.6	2.4	2.7	2.7	2.4	2.0	1.8	1.5	1.3	1.0	0.6	0.4	0.3
110	0.5	1.0	1.6	2.4	2.6	2.6	2.3	2.0	1.7	1.5	1.3	1.0	0.6	0.4	0.3
120	0.5	1.0	1.6	2.4	2.6	2.5	2.1	1.9	1.6	1.5	1.3	1.0	0.5	0.4	0.3
130	0.5	0.9	1.8	2.3	2.5	2.4	2.1	1.7	1.5	1.3	1.1	0.8	0.5	0.3	0.3
140	0.5	0.9	1.5	2.6	3.0	2.3	2.0	1.7	1.3	1.1	1.0	0.7	0.4	0.3	0.2
150	0.5	0.9	1.2	2.3	2.4	2.2	1.8	1.5	1.3	1.0	0.9	0.7	0.4	0.3	0.2
160	0.5	0.8	1.2	2.0	2.2	2.0	1.7	1.4	1.2	1.0	0.9	0.7	0.4	0.3	0.2
170	0.5	0.9	1.2	2.0	2.2	1.9	1.7	1.4	1.1	1.1	0.9	0.7	0.4	0.3	0.2
180	0.6	0.9	1.2	2.2	2.4	2.1	1.8	1.4	1.2	1.1	1.1	0.8	0.5	0.3	0.2
190	0.5	0.9	1.3	2.1	2.2	2.1	1.9	1.7	1.5	1.2	1.0	0.8	0.4	0.3	0.2
200	0.5	0.9	1.3	2.4	2.5	2.3	1.9	1.6	1.5	1.3	1.1	0.9	0.5	0.3	0.2
210	0.5	0.8	1.3	2.3	2.5	2.3	2.1	1.9	1.6	1.3	1.1	0.9	0.5	0.3	0.2
220	0.5	0.9	1.5	2.5	2.6	2.4	2.1	1.8	1.5	1.3	1.1	0.8	0.5	0.3	0.2
230	0.5	0.9	1.4	2.4	2.6	2.6	2.3	2.0	1.6	1.3	1.1	0.9	0.5	0.3	0.3
240	0.5	0.9	1.3	2.1	2.5	2.6	2.3	1.9	1.6	1.4	1.2	0.9	0.5	0.3	0.3
250	0.5	0.9	1.3	2.3	2.7	2.7	2.6	2.0	1.7	1.4	1.2	0.9	0.5	0.3	0.3
260	0.5	0.9	1.4	2.2	2.5	2.6	2.3	2.1	1.7	1.5	1.3	1.0	0.5	0.3	0.3
270	0.5	0.9	1.3	2.4	2.6	2.5	2.2	2.1	1.7	1.4	1.2	1.0	0.6	0.4	0.3
280	0.5	0.9	1.6	2.5	2.9	2.6	2.3	2.2	1.8	1.5	1.3	1.0	0.6	0.4	0.3
290	0.5	0.9	1.9	2.4	3.3	2.8	2.4	2.2	1.8	1.5	1.3	0.9	0.6	0.4	0.3

300	0.5	0.9	1.6	2.6	2.9	3.0	2.6	2.2	1.8	1.5	1.3	1.0	0.6	0.5	0.4
310	0.5	0.9	2.3	2.4	2.9	2.8	2.5	2.2	1.8	1.5	1.3	1.0	0.6	0.5	0.4
320	0.5	0.9	1.5	2.3	2.7	2.8	2.4	2.0	1.7	1.4	1.2	0.9	0.5	0.4	0.3
330	0.5	0.9	1.3	2.3	2.5	2.8	2.3	2.0	1.6	1.4	1.2	0.9	0.5	0.3	0.3
340	0.5	0.9	1.4	2.4	2.7	2.6	2.3	1.9	1.6	1.4	1.2	0.9	0.5	0.3	0.3
350	0.5	0.8	1.5	2.3	2.7	2.6	2.4	2.1	1.7	1.6	1.3	1.0	0.5	0.4	0.3

Maksimum= 3.31 i afstand 200 m og retning 290 grader i 197403 (yyyymm)

Dato: 2026/03/25 OML-Multi PC-version 20240314/7.10 Side 6
DCE - Nationalt Center for Miljø og Energi, Aarhus Universitet

Luft Periode: 740101-831231

De største månedlige 99%-fraktiler (µg/m3)

Retning (grader)	Afstand (m)														
	50	75	100	150	200	300	400	500	600	700	800	1000	1500	2000	2500
0	0.6	2.0	2.8	2.8	2.8	2.7	2.3	2.0	1.7	1.5	1.3	1.0	0.6	0.4	0.3
10	0.6	1.5	2.2	2.8	2.9	2.9	2.6	2.2	1.9	1.6	1.3	1.0	0.6	0.4	0.4
20	0.6	1.0	1.7	2.7	2.8	2.8	2.5	2.1	1.8	1.6	1.4	1.0	0.6	0.4	0.3
30	0.6	1.3	2.2	2.5	2.9	2.8	2.6	2.2	1.9	1.5	1.3	1.0	0.6	0.4	0.3
40	0.6	1.5	2.5	3.3	3.0	2.9	2.6	2.1	1.8	1.6	1.4	1.0	0.6	0.4	0.3
50	0.6	2.1	3.0	3.8	4.0	2.9	2.6	2.2	1.9	1.6	1.4	1.1	0.6	0.4	0.3
60	0.6	2.0	3.2	3.3	3.3	2.9	2.5	2.2	1.9	1.6	1.4	1.0	0.6	0.5	0.4
70	0.6	1.5	2.4	3.3	3.1	3.0	2.5	2.2	1.9	1.6	1.4	1.1	0.6	0.5	0.4
80	0.6	1.0	2.2	2.9	2.9	2.9	2.6	2.3	1.9	1.6	1.4	1.1	0.7	0.5	0.4
90	0.7	1.2	1.7	2.7	2.9	2.9	2.6	2.2	1.9	1.7	1.4	1.2	0.8	0.6	0.5
100	0.5	1.1	1.8	2.6	2.8	2.8	2.6	2.2	1.9	1.7	1.5	1.2	0.9	0.7	0.6
110	0.6	1.0	1.9	2.5	2.8	2.7	2.4	2.1	1.8	1.6	1.3	1.0	0.7	0.5	0.4
120	0.5	1.2	2.0	2.8	2.8	2.6	2.4	2.0	1.9	1.7	1.5	1.2	0.8	0.6	0.5
130	0.5	1.5	2.6	3.3	2.9	2.5	2.4	2.0	1.8	1.5	1.3	1.1	0.8	0.6	0.4
140	0.5	1.5	2.6	3.1	3.0	2.4	2.2	1.9	1.6	1.3	1.1	0.8	0.5	0.3	0.3
150	0.5	1.0	1.9	2.6	2.6	2.2	2.1	1.8	1.5	1.2	1.0	0.8	0.4	0.3	0.3
160	0.5	1.0	1.6	2.3	2.7	2.1	1.8	1.5	1.3	1.2	1.0	0.8	0.5	0.3	0.3
170	0.6	1.0	1.4	2.2	2.4	2.2	1.9	1.5	1.3	1.1	1.0	0.8	0.5	0.3	0.3
180	0.6	1.0	1.7	2.4	2.4	2.1	2.0	1.7	1.4	1.2	1.2	0.9	0.5	0.3	0.3
190	0.6	1.0	1.5	2.3	2.4	2.1	2.1	1.9	1.6	1.3	1.2	0.9	0.5	0.3	0.3
200	0.5	0.9	1.8	2.8	2.7	2.5	2.2	2.0	1.7	1.4	1.2	0.9	0.5	0.3	0.3
210	0.5	1.3	2.1	3.0	2.9	2.7	2.4	2.1	1.8	1.6	1.3	0.9	0.5	0.4	0.3
220	0.6	1.6	2.4	3.3	2.9	2.8	2.5	2.1	1.7	1.5	1.3	0.9	0.5	0.3	0.3
230	0.6	1.5	2.7	2.9	2.8	2.8	2.6	2.1	1.8	1.5	1.3	1.0	0.6	0.4	0.3
240	0.5	1.6	2.8	3.2	3.0	2.9	2.6	2.2	1.8	1.5	1.3	1.0	0.6	0.4	0.3
250	0.6	1.4	2.3	2.8	2.9	3.0	2.9	2.2	1.8	1.5	1.3	1.0	0.6	0.4	0.3
260	0.6	1.4	2.5	2.7	2.8	3.0	2.6	2.3	1.9	1.5	1.3	1.0	0.6	0.4	0.3
270	0.6	1.7	2.6	2.6	2.8	3.0	2.5	2.3	1.8	1.5	1.3	1.0	0.7	0.4	0.4
280	0.6	1.4	2.0	2.7	3.1	2.9	2.5	2.4	1.9	1.6	1.4	1.1	0.7	0.5	0.4
290	0.5	1.1	2.2	2.7	3.6	3.1	2.6	2.3	1.9	1.6	1.3	1.1	0.8	0.6	0.5
300	0.6	1.0	1.9	2.9	3.2	3.1	2.8	2.6	2.3	2.0	1.8	1.4	0.9	0.7	0.6
310	0.6	1.0	2.6	2.8	2.9	3.0	2.8	2.6	2.3	2.1	1.9	1.5	1.0	0.8	0.6
320	0.5	1.3	2.0	2.6	2.8	2.8	2.6	2.5	2.3	2.0	1.8	1.4	1.0	0.7	0.6
330	0.6	2.1	2.3	2.8	2.7	2.8	2.5	2.1	1.7	1.5	1.3	1.0	0.5	0.4	0.3
340	0.5	2.1	3.2	3.1	2.9	2.7	2.4	2.0	1.7	1.4	1.3	1.0	0.7	0.5	0.3
350	0.6	2.0	3.1	2.8	2.8	2.8	2.5	2.2	1.8	1.6	1.3	1.0	0.6	0.4	0.3

Maksimum= 4.03 i afstand 200 m og retning 50 grader i 197608 (yyyymm)

Dato: 2026/03/25 OML-Multi PC-version 20240314/7.10 Side 7
DCE - Nationalt Center for Miljø og Energi, Aarhus Universitet

Luft Periode: 740101-831231

Middelværdier (µg/m3)

Retning (grader)	Afstand (m)														
	50	75	100	150	200	300	400	500	600	700	800	1000	1500	2000	2500
0	7.55E-03	1.25E-02	2.12E-02	4.17E-02	5.56E-02	5.88E-02	5.36E-02	4.71E-02	4.10E-02	3.57E-02	3.12E-02	2.47E-02	1.57E-02	1.15E-02	9.28E-03
10	8.35E-03	1.40E-02	2.31E-02	5.17E-02	6.58E-02	7.18E-02	6.36E-02	5.58E-02	4.83E-02	4.18E-02	3.70E-02	2.88E-02	1.76E-02	1.29E-02	1.03E-02
20	9.06E-03	1.59E-02	2.56E-02	5.51E-02	7.38E-02	8.17E-02	7.43E-02	6.34E-02	5.49E-02	4.75E-02	4.13E-02	3.21E-02	1.97E-02	1.43E-02	1.14E-02
30	9.40E-03	1.65E-02	2.84E-02	6.13E-02	8.23E-02	8.78E-02	8.22E-02	7.15E-02	6.15E-02	5.22E-02	4.53E-02	3.50E-02	2.13E-02	1.53E-02	1.21E-02
40	9.27E-03	1.72E-02	3.26E-02	6.91E-02	9.17E-02	9.87E-02	8.91E-02	7.68E-02	6.57E-02	5.59E-02	4.80E-02	3.63E-02	2.18E-02	1.56E-02	1.23E-02
50	9.35E-03	1.93E-02	3.92E-02	9.14E-02	1.19E-01	1.25E-01	1.09E-01	9.37E-02	7.87E-02	6.68E-02	5.68E-02	4.20E-02	2.45E-02	1.71E-02	1.33E-02
60	9.30E-03	2.05E-02	5.00E-02	1.08E-01	1.43E-01	1.47E-01	1.26E-01	1.06E-01	9.01E-02	7.54E-02	6.39E-02	4.71E-02	2.70E-02	1.86E-02	1.43E-02
70	8.66E-03	1.98E-02	4.46E-02	1.08E-01	1.44E-01	1.48E-01	1.29E-01	1.09E-01	9.16E-02	7.74E-02	6.60E-02	4.95E-02	2.87E-02	1.99E-02	1.54E-02

80 8.69E-03 1.78E-02 4.09E-02 1.00E-01 1.34E-01 1.40E-01 1.25E-01 1.07E-01 9.12E-02 7.77E-02 6.67E-02 5.06E-02 3.00E-02 2.11E-02 1.65E-02
90 8.92E-03 1.90E-02 3.95E-02 9.50E-02 1.23E-01 1.29E-01 1.14E-01 9.80E-02 8.33E-02 7.10E-02 6.12E-02 4.66E-02 2.80E-02 2.01E-02 1.58E-02
100 9.06E-03 2.07E-02 4.32E-02 9.24E-02 1.18E-01 1.22E-01 1.06E-01 8.95E-02 7.57E-02 6.44E-02 5.46E-02 4.13E-02 2.48E-02 1.79E-02 1.42E-02
110 8.92E-03 1.93E-02 3.73E-02 7.78E-02 9.79E-02 9.87E-02 8.52E-02 7.21E-02 6.07E-02 5.13E-02 4.37E-02 3.32E-02 2.01E-02 1.47E-02 1.18E-02
120 8.42E-03 1.71E-02 3.10E-02 5.84E-02 7.26E-02 7.27E-02 6.35E-02 5.31E-02 4.49E-02 3.84E-02 3.35E-02 2.53E-02 1.71E-02 1.20E-02 9.89E-03
130 7.03E-03 1.45E-02 2.58E-02 4.47E-02 5.48E-02 5.43E-02 4.91E-02 3.96E-02 3.40E-02 2.89E-02 2.50E-02 1.94E-02 1.28E-02 9.82E-03 8.28E-03
140 6.96E-03 1.35E-02 2.13E-02 4.07E-02 5.01E-02 4.18E-02 3.70E-02 3.36E-02 2.58E-02 2.26E-02 2.09E-02 1.57E-02 1.06E-02 8.31E-03 7.15E-03
150 7.05E-03 1.26E-02 1.82E-02 2.94E-02 3.46E-02 3.38E-02 3.02E-02 2.55E-02 2.32E-02 1.87E-02 1.69E-02 1.35E-02 9.51E-03 7.57E-03 6.60E-03
160 7.57E-03 1.28E-02 1.75E-02 2.58E-02 2.98E-02 2.91E-02 2.55E-02 2.30E-02 1.98E-02 1.75E-02 1.50E-02 1.24E-02 8.87E-03 7.30E-03 6.42E-03
170 7.99E-03 1.32E-02 1.75E-02 2.49E-02 2.86E-02 2.82E-02 2.49E-02 2.17E-02 1.90E-02 1.69E-02 1.51E-02 1.25E-02 9.07E-03 7.44E-03 6.54E-03
180 8.67E-03 1.43E-02 1.77E-02 2.65E-02 3.00E-02 2.98E-02 2.65E-02 2.32E-02 2.04E-02 1.86E-02 1.96E-02 1.41E-02 9.55E-03 8.15E-03 6.85E-03
190 9.30E-03 1.48E-02 1.91E-02 2.85E-02 3.25E-02 3.17E-02 2.83E-02 2.55E-02 2.31E-02 1.93E-02 1.78E-02 1.42E-02 1.01E-02 8.21E-03 7.18E-03
200 9.86E-03 1.54E-02 2.01E-02 2.94E-02 3.47E-02 3.39E-02 3.05E-02 2.69E-02 2.41E-02 2.13E-02 1.88E-02 1.55E-02 1.09E-02 8.83E-03 7.87E-03
210 1.03E-02 1.64E-02 2.09E-02 3.16E-02 3.77E-02 3.79E-02 3.52E-02 3.06E-02 2.93E-02 2.77E-02 2.27E-02 1.91E-02 1.20E-02 9.79E-03 8.27E-03
220 1.05E-02 1.66E-02 2.22E-02 3.47E-02 4.19E-02 4.18E-02 3.80E-02 3.39E-02 2.90E-02 2.73E-02 2.47E-02 1.86E-02 1.28E-02 1.01E-02 8.68E-03
230 1.04E-02 1.66E-02 2.28E-02 3.72E-02 4.77E-02 4.95E-02 4.50E-02 3.98E-02 3.47E-02 2.93E-02 2.60E-02 2.15E-02 1.42E-02 1.10E-02 1.05E-02
240 1.03E-02 1.62E-02 2.25E-02 3.88E-02 5.13E-02 5.57E-02 5.15E-02 4.34E-02 3.72E-02 3.28E-02 2.91E-02 2.34E-02 1.56E-02 1.20E-02 1.01E-02
250 1.01E-02 1.63E-02 2.29E-02 4.43E-02 5.57E-02 6.17E-02 6.55E-02 4.97E-02 4.17E-02 3.65E-02 3.22E-02 2.58E-02 1.69E-02 1.29E-02 1.07E-02
260 9.90E-03 1.64E-02 2.34E-02 4.29E-02 5.62E-02 6.06E-02 5.53E-02 5.04E-02 4.16E-02 3.64E-02 3.20E-02 2.55E-02 1.73E-02 1.28E-02 1.15E-02
270 9.64E-03 1.64E-02 2.58E-02 4.91E-02 6.20E-02 6.41E-02 5.55E-02 5.47E-02 4.20E-02 3.63E-02 3.18E-02 2.55E-02 1.65E-02 1.30E-02 1.13E-02
280 9.21E-03 1.69E-02 3.52E-02 6.03E-02 8.04E-02 7.38E-02 6.42E-02 6.14E-02 4.79E-02 4.06E-02 3.53E-02 2.81E-02 1.78E-02 1.37E-02 1.22E-02
290 8.88E-03 1.81E-02 4.34E-02 6.84E-02 1.11E-01 9.48E-02 8.06E-02 7.39E-02 5.88E-02 4.98E-02 4.21E-02 3.24E-02 2.02E-02 1.69E-02 1.23E-02
300 8.17E-03 1.70E-02 3.59E-02 7.60E-02 9.25E-02 9.66E-02 8.56E-02 7.33E-02 6.06E-02 5.06E-02 4.42E-02 3.36E-02 2.08E-02 1.52E-02 1.31E-02
310 7.18E-03 1.44E-02 4.75E-02 5.90E-02 7.47E-02 7.75E-02 6.92E-02 5.92E-02 4.94E-02 4.26E-02 3.73E-02 2.93E-02 1.84E-02 1.37E-02 1.12E-02
320 6.53E-03 1.23E-02 2.24E-02 4.52E-02 5.85E-02 6.41E-02 5.59E-02 4.81E-02 4.17E-02 3.68E-02 3.18E-02 2.51E-02 1.61E-02 1.21E-02 9.87E-03
330 6.30E-03 1.26E-02 2.02E-02 4.02E-02 5.09E-02 5.64E-02 4.99E-02 4.41E-02 3.85E-02 3.35E-02 2.94E-02 2.50E-02 1.50E-02 1.12E-02 9.16E-03
340 6.17E-03 1.20E-02 1.99E-02 3.98E-02 5.14E-02 5.51E-02 4.96E-02 4.39E-02 3.83E-02 3.38E-02 2.98E-02 2.32E-02 1.50E-02 1.11E-02 8.98E-03
350 6.64E-03 1.16E-02 2.16E-02 4.07E-02 5.17E-02 5.70E-02 5.56E-02 5.07E-02 3.99E-02 3.84E-02 3.06E-02 2.54E-02 1.53E-02 1.12E-02 9.08E-03

Maksimum= 1.48E-01 i afstand 300 m og retning 70 grader.

Dato: 2026/03/25 OML-Multi PC-version 20240314/7.10 Side 8
DCE - Nationalt Center for Miljø og Energi, Aarhus Universitet

Lugt Periode: 740101-831231

Maksimalt timeværdier (µg/m3)

Retning (grader)	Afstand (m)														
	50	75	100	150	200	300	400	500	600	700	800	1000	1500	2000	2500
0	2.7	5.5	5.3	7.1	6.3	4.2	3.3	3.1	2.8	2.5	2.3	2.0	1.5	1.3	1.1
10	2.7	5.4	5.2	7.1	7.0	4.7	3.7	3.0	2.7	2.5	2.2	1.8	1.2	1.0	0.8
20	2.7	5.4	5.1	6.2	6.0	4.3	4.7	4.7	4.4	3.9	3.3	2.4	1.4	1.1	0.9
30	2.4	5.0	5.0	5.6	5.3	4.1	5.8	6.2	5.8	5.1	4.4	3.2	1.9	1.6	1.3
40	2.5	5.2	5.1	5.8	5.6	4.3	4.5	4.6	4.2	3.7	3.4	3.4	2.6	2.1	1.7
50	2.3	4.9	5.2	5.7	5.7	5.5	5.7	5.0	4.3	3.8	3.4	2.8	2.1	1.7	1.5
60	2.0	4.2	5.1	5.2	5.6	6.3	6.6	5.9	5.2	4.5	4.1	3.3	2.3	1.8	1.5
70	1.6	3.6	4.6	5.4	5.5	4.5	3.7	3.3	3.0	2.9	2.9	2.7	1.9	1.6	1.4
80	1.1	3.6	4.6	6.0	5.2	4.8	3.8	3.0	2.8	2.6	2.5	2.3	1.6	1.4	1.2
90	1.2	3.9	5.3	5.6	4.7	5.7	5.5	4.8	4.0	3.3	2.9	2.7	2.2	1.7	1.4
100	1.3	4.4	5.9	4.9	5.4	3.9	3.5	3.3	3.0	2.7	2.4	2.5	2.0	1.6	1.4
110	1.4	4.4	5.5	5.4	5.6	4.0	3.3	3.1	2.9	2.6	2.4	2.5	2.2	1.8	1.5
120	1.4	4.6	5.4	6.1	6.5	5.3	4.0	3.5	3.4	3.1	2.8	2.5	1.9	1.6	1.3
130	1.2	4.2	5.2	6.4	6.3	4.5	3.4	3.4	3.3	3.0	2.6	2.0	1.4	1.1	0.9
140	1.4	3.6	4.5	5.8	4.9	3.9	3.5	3.6	3.0	2.7	2.5	1.9	1.6	1.3	1.1
150	1.7	4.4	4.7	6.7	5.7	3.7	3.4	3.0	2.7	2.4	2.3	2.1	1.6	1.3	1.0
160	1.9	5.0	5.3	6.5	5.5	4.5	3.4	3.5	3.3	3.3	3.4	3.4	2.8	2.2	1.9
170	2.2	5.0	5.4	5.2	5.3	6.0	5.5	4.7	4.0	3.5	3.1	2.5	1.7	1.4	1.2
180	2.4	5.5	5.2	6.5	6.7	6.8	6.3	5.4	4.7	4.1	3.8	3.6	2.7	2.2	1.9
190	2.4	5.4	5.3	6.3	6.5	4.4	4.0	3.3	3.7	3.7	3.7	3.3	2.4	1.9	1.6
200	2.2	4.9	4.8	4.8	4.9	4.4	4.2	3.7	3.2	2.8	2.6	2.5	2.3	1.9	1.6
210	2.1	4.9	4.9	5.0	4.9	4.2	3.6	3.2	3.2	3.0	2.5	2.1	1.7	1.4	1.2
220	2.2	5.3	5.7	4.6	4.8	4.7	3.8	4.4	4.3	4.1	3.7	2.8	1.8	1.4	1.1
230	2.2	5.5	6.2	6.2	6.2	4.4	3.5	4.1	4.0	3.6	3.3	2.6	1.8	1.4	1.2
240	1.9	5.3	6.0	7.1	7.3	5.2	4.1	3.4	2.9	2.8	2.7	2.4	2.0	1.6	1.4
250	1.5	4.5	5.2	6.5	6.5	4.8	4.6	3.9	3.8	3.7	3.5	3.0	2.2	1.7	1.3
260	1.2	3.9	5.2	7.7	7.9	6.6	6.5	5.8	5.3	4.8	4.2	3.2	2.3	1.8	1.4
270	1.2	3.5	5.7	7.1	8.1	7.4	6.1	5.1	4.4	3.8	3.4	2.8	2.0	1.5	1.2
280	1.4	4.1	6.6	6.5	7.1	5.6	5.8	6.8	5.9	5.2	4.5	3.3	2.2	1.7	1.5
290	1.5	4.3	6.4	6.8	7.9	7.4	6.9	8.1	7.2	6.5	5.6	4.2	2.5	2.0	1.7
300	1.4	4.0	5.0	7.2	6.0	7.1	6.4	6.1	5.5	4.7	4.0	2.9	2.3	2.0	1.7
310	1.3	3.6	6.7	7.0	5.6	4.9	6.4	6.5	5.9	5.2	4.4	3.3	2.2	1.8	1.5
320	1.8	4.2	6.2	6.3	6.1	4.8	4.8	4.8	4.8	4.5	4.0	3.2	2.0	1.5	1.2
330	2.3	4.8	5.9	5.8	5.9	4.6	4.4	5.0	4.8	4.7	4.4	3.8	2.5	1.9	1.6
340	2.6	5.6	5.6	4.9	4.6	4.1	5.6	6.7	6.8	6.5	5.9	4.6	2.9	2.2	1.7
350	2.8	5.8	5.6	6.8	5.9	4.3	4.2	4.1	3.5	3.3	2.7	2.5	1.8	1.3	1.1

Maksimum= 8.14 i afstand 200 m og retning 270 grader.

Dato: 2026/03/25 OML-Multi PC-version 20240314/7.10 Side 9
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Benyttede filer.

Følgende inputfiler er benyttet i beregningerne:

Punktkilder: Z:\Tasks\126\126-22081\Data\OML filer\sweeps\sweep_003\run_002\ARC_sorteringsanlæg_run_002.kld
Meteorologi.....: C:\OML_Data\Aal7483LST.met
Receptorer.....: Z:\Tasks\126\126-22081\Data\OML filer\sweeps\sweep_003\run_002\ARC_sorteringsanlæg_run_002.rct
Beregningsopsætning.....: Z:\Tasks\126\126-22081\Data\OML filer\ARC_sorteringsanlæg.opt

Følgende outputfil er benyttet:

Resultater: Z:\Tasks\126\126-22081\Data\OML filer\sweeps\sweep_003\run_002\ARC_sorteringsanlæg_run_002.log

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Meteorologiske spredningsberegninger er udført for følgende periode (lokal standard tid):

Start af beregningen = 740101 kl. 1
Slut på beregningen (incl.) = 831231 kl. 24

Meteorologiske data er fra: AALBORG

Koordinatsystem.

Der er anvendt et x,y-koordinatsystem med x-akse mod øst (90 grader) og y-akse mod nord (0 grader).
Enheden er meter. Systemet er fælles for receptorer og kilder. Origo kan fastlægges frit, fx. i skorstensfoden for den mest dominerende kilde eller som i UTM-systemet.

Receptordata.

Ruhedslængde, z0 = 0.300 m

Største terrænhældning = 13 grader

Receptorerne er beliggende med 10 graders interval i 15 koncentriske cirkler
med centrum x,y: 727753., 6176879.
og radierne (m): 50. 75. 100. 125. 150.
175. 200. 250. 300. 350.
400. 450. 500. 600. 700.

Terrænhøjder er ikke alle ens.

Alle receptorhøjder = 10.0 m.

Alle overflader er typenr. = 2 (Har kun betydning ved VVM-deposition)

Dato: 2026/03/25 OML-Multi PC-version 20240314/7.10 Side 2
DCE - Nationalt Center for Miljø og Energi, Aarhus Universitet

Terrænhøjder [m]

Retning (grader)	Afstand (m)															
	50	75	100	125	150	175	200	250	300	350	400	450	500	600	700	
0	2.6	2.2	2.6	2.7	2.6	2.8	2.8	2.6	2.5	2.2	1.9	1.7	0.0	0.0	2.7	
10	2.7	2.5	2.3	2.3	2.7	2.8	2.7	2.6	2.7	2.6	2.1	2.0	2.9	0.0	0.0	
20	2.8	2.5	2.2	2.7	2.4	2.5	2.4	2.7	2.6	2.7	2.6	2.6	2.5	1.8	0.0	
30	2.9	2.5	2.3	2.4	2.3	2.3	2.5	2.5	2.3	2.0	2.5	2.6	2.5	2.8	0.0	
40	2.4	2.3	2.4	2.1	2.1	2.4	2.3	2.5	2.4	2.6	2.6	2.5	2.7	3.0	3.0	
50	3.0	2.3	2.5	1.5	2.2	2.4	2.4	2.4	2.7	2.4	2.3	1.7	2.0	2.8	2.7	
60	2.9	2.2	2.6	2.6	2.2	2.5	2.4	2.4	2.4	2.3	1.9	0.9	2.9	2.8	2.8	
70	2.9	2.4	2.3	2.3	2.3	2.4	2.4	2.3	2.3	0.0	0.0	0.0	0.0	0.0	0.0	
80	3.1	2.3	2.3	2.3	2.4	2.3	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
90	3.1	2.5	2.2	2.3	2.4	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	1.9	
100	3.1	2.7	2.3	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.4	2.7	2.3	
110	3.2	3.0	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	2.6	1.9	2.8	
120	3.0	3.1	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	2.1	2.3	2.1	2.4	
130	2.3	2.7	2.7	3.1	1.1	0.0	0.0	0.0	0.0	2.6	3.5	3.3	2.6	2.1	2.1	
140	2.2	2.7	2.4	0.0	0.0	0.0	1.3	0.0	4.3	0.4	4.7	2.6	2.7	2.7	2.4	
150	2.1	2.6	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.3	6.8	2.4	2.4	2.7	
160	2.2	2.5	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.5	2.3	1.2	0.0	
170	2.1	2.4	2.4	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	

180	2.1	2.2	2.2	2.5	2.3	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	2.3
190	2.0	2.2	2.2	2.3	2.5	2.3	0.0	1.6	0.0	0.0	0.0	0.0	2.9	2.3	2.0
200	2.0	2.1	2.2	2.3	2.5	2.4	1.9	2.5	2.5	3.0	2.7	2.8	2.5	2.6	
210	2.0	2.2	2.2	2.3	2.3	2.4	2.3	2.4	2.3	2.5	2.8	2.7	2.9	2.1	
220	2.0	2.1	2.2	2.3	2.5	2.7	2.8	2.6	2.7	2.6	2.7	2.9	2.7	2.6	4.1
230	2.1	2.1	2.2	2.4	2.4	2.9	3.0	3.3	3.4	5.4	3.8	4.3	3.2	2.4	0.9
240	2.1	2.1	2.3	2.3	2.4	2.7	3.0	3.3	3.1	3.1	3.8	6.0	2.8	2.1	1.6
250	2.0	2.2	2.2	2.3	2.8	2.9	2.9	3.3	2.8	3.2	5.4	2.4	5.6	0.0	0.0
260	2.1	2.2	2.1	2.2	2.3	2.7	2.6	2.9	4.7	2.4	2.5	10.8	4.0	2.0	0.0
270	2.1	2.1	2.3	2.6	2.7	2.9	2.9	3.0	5.5	2.3	2.8	14.6	6.0	2.6	0.0
280	2.1	2.1	3.7	2.7	2.7	4.5	5.3	3.2	2.5	2.6	2.2	11.8	6.2	3.1	0.4
290	2.2	2.3	4.0	2.8	2.2	2.1	4.0	2.8	3.3	3.1	2.3	3.8	6.0	3.2	3.3
300	2.2	2.2	7.0	2.9	3.0	3.2	3.2	2.4	2.9	3.0	3.5	3.5	4.1	2.9	0.0
310	2.1	2.2	2.5	2.9	3.0	3.1	2.9	3.6	3.6	3.5	3.1	0.0	0.0	0.9	0.0
320	2.1	2.6	3.1	3.9	2.9	2.9	3.0	2.4	3.3	3.1	2.5	0.0	0.0	0.0	2.4
330	2.2	2.8	2.9	3.1	3.4	3.1	4.2	2.4	2.9	2.5	0.0	0.0	0.0	0.0	3.8
340	2.3	2.4	3.0	3.2	3.1	3.1	3.1	2.7	3.4	0.0	0.0	0.0	0.0	0.0	2.6
350	2.3	2.2	3.3	2.9	2.3	2.3	2.8	2.9	2.3	1.9	1.7	1.8	0.0	3.2	2.0

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Forkortelser benyttet for kildeparametrene:

Nr..... Internt kildenummer
ID..... Tekst til identificering af kilde
X..... X-koordinat for kilde [m]
Y..... Y-koordinat for kilde [m]
Z..... Terrænkote for skorstensfod [m]
HS..... Skorstenshøjde over terræn [m]
T..... Temperatur af røggas [Kelvin]/[Celsius]
VOL..... Volumenmængde af røggas [normal m3/sek]
DSO..... Ydre diameter af skorstenstop [m]
DSI..... Indre diameter af skorstenstop [m]
HB..... Generel beregningsmæssig bygningshøjde [m]
QI..... Emission af stof nr. 'i' [gram/sek], [MLE/sek] eller [MOU/sek]

Punktkilder.

Kildedata:

Nr ID	X	Y	Z	HS	T(C)	VOL	DSI	DSO	HB	Q1	Q2	Q3
1 1	727753.	6176879.	2.1	35.0	18.	26.00	1.60	2.00	15.0	0.1180	0.0000	0.0000

Tidsvariationer i emissionen fra punktkilder.

Emissionerne fra de enkelte punktkilder er konstant.

Afledte kildeparametre:

Kilde nr.	Vertikal røggashastighed m/s	Buoyancy flux (termisk løft) (omtrentlig) m4/s3
1	13.8	2.4

Der er ingen retningsafhængige bygningsdata.

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Side til advarsler.

Dato: 2026/03/25 OML-Multi PC-version 20240314/7.10 Side 5
DCE - Nationalt Center for Miljø og Energi, Aarhus Universitet

Lugt Periode: 740101-831231

De 4. største månedlige 99%-fraktiler (µg/m3)

Retning Afstand (m)

(grader) 50 75 100 125 150 175 200 250 300 350 400 450 500 600 700

0	0.6	0.8	1.3	1.9	2.2	2.5	2.6	2.7	2.6	2.4	2.2	2.1	1.9	1.6	1.4
10	0.6	1.0	1.2	1.8	2.3	2.6	2.7	2.9	2.8	2.7	2.4	2.2	2.1	1.8	1.5
20	0.5	0.9	1.4	2.0	2.2	2.5	2.7	2.9	2.7	2.6	2.4	2.2	2.1	1.7	1.5
30	0.5	0.9	1.6	2.1	2.4	2.5	2.8	2.8	2.7	2.6	2.5	2.3	2.1	1.8	1.5
40	0.5	1.0	1.9	2.5	2.9	2.6	2.7	2.8	2.7	2.6	2.4	2.2	2.1	1.8	1.5
50	0.6	1.1	2.1	2.8	3.1	3.0	2.9	2.9	2.8	2.7	2.5	2.3	2.1	1.9	1.5
60	0.6	1.2	2.2	2.9	2.9	3.0	2.9	2.9	2.8	2.6	2.5	2.3	2.2	1.8	1.6
70	0.5	1.0	1.9	2.5	2.6	2.8	2.9	2.9	2.8	2.7	2.5	2.3	2.1	1.8	1.6
80	0.5	0.9	1.7	2.3	2.6	2.7	2.8	2.9	2.8	2.7	2.5	2.4	2.2	1.9	1.6
90	0.5	0.9	1.5	2.1	2.5	2.6	2.7	2.9	2.8	2.7	2.5	2.3	2.2	1.9	1.6
100	0.5	0.9	1.6	2.1	2.4	2.6	2.7	2.8	2.7	2.5	2.4	2.2	2.0	1.8	1.5
110	0.5	1.0	1.6	2.2	2.4	2.6	2.6	2.7	2.6	2.5	2.3	2.1	2.0	1.7	1.5
120	0.5	1.0	1.6	2.0	2.4	2.5	2.6	2.6	2.5	2.3	2.1	2.0	1.9	1.6	1.5
130	0.5	0.9	1.8	2.2	2.3	2.5	2.5	2.5	2.4	2.3	2.1	1.9	1.7	1.5	1.2
140	0.5	0.9	1.5	2.0	2.4	2.5	2.6	2.6	2.5	2.1	2.1	1.8	1.7	1.4	1.1
150	0.5	1.0	1.3	1.9	2.3	2.3	2.4	2.4	2.2	2.0	1.8	1.7	1.5	1.2	1.0
160	0.5	0.8	1.2	1.7	2.0	2.1	2.2	2.2	2.0	1.8	1.7	1.5	1.4	1.2	1.0
170	0.5	0.9	1.2	1.7	2.0	2.0	2.2	2.1	1.9	1.8	1.7	1.5	1.4	1.1	1.1
180	0.6	0.9	1.2	1.8	2.2	2.2	2.4	2.2	2.1	1.9	1.8	1.6	1.4	1.2	1.1
190	0.5	0.9	1.4	1.9	2.1	2.2	2.2	2.2	2.1	1.9	1.9	1.8	1.7	1.5	1.2
200	0.5	0.9	1.3	1.9	2.4	2.4	2.5	2.3	2.3	2.2	1.9	1.8	1.7	1.5	1.4
210	0.5	0.8	1.3	1.9	2.3	2.4	2.4	2.4	2.3	2.2	2.1	2.0	1.9	1.6	1.2
220	0.5	0.9	1.5	2.1	2.5	2.5	2.6	2.5	2.4	2.3	2.1	1.9	1.8	1.5	1.3
230	0.5	0.9	1.5	2.0	2.4	2.5	2.7	2.7	2.7	2.7	2.3	2.2	2.0	1.6	1.3
240	0.5	0.9	1.3	1.9	2.1	2.4	2.5	2.6	2.6	2.4	2.3	2.2	1.9	1.6	1.4
250	0.5	0.9	1.3	1.8	2.3	2.6	2.7	2.8	2.7	2.5	2.4	2.1	2.1	1.7	1.4
260	0.6	0.9	1.4	1.9	2.2	2.5	2.5	2.7	2.8	2.4	2.3	2.5	2.1	1.7	1.5
270	0.5	0.9	1.3	2.0	2.4	2.5	2.7	2.6	2.8	2.3	2.2	2.5	2.1	1.7	1.4
280	0.5	0.9	1.6	2.1	2.5	2.9	3.2	2.8	2.6	2.5	2.3	2.6	2.2	1.8	1.5
290	0.5	0.9	1.9	2.2	2.4	2.6	3.0	2.9	2.8	2.6	2.4	2.3	2.2	1.8	1.5
300	0.5	0.9	2.2	2.3	2.6	2.9	3.0	2.9	2.9	2.8	2.6	2.4	2.2	1.8	1.5
310	0.5	0.9	1.5	2.1	2.4	2.7	2.8	3.0	2.9	2.7	2.5	2.3	2.1	1.8	1.5
320	0.5	0.9	1.6	2.3	2.3	2.5	2.7	2.6	2.8	2.6	2.4	2.2	2.0	1.7	1.4
330	0.5	0.9	1.3	2.1	2.4	2.6	2.8	2.6	2.8	2.5	2.3	2.1	2.0	1.6	1.4
340	0.5	0.9	1.5	2.1	2.4	2.6	2.8	2.7	2.6	2.5	2.3	2.1	1.9	1.6	1.4
350	0.5	0.8	1.5	2.2	2.3	2.4	2.7	2.8	2.6	2.4	2.3	2.1	2.0	1.7	1.5

Maksimum= 3.15 i afstand 200 m og retning 280 grader i 197910 (yyyyyy)

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DCE - Nationalt Center for Miljø og Energi, Aarhus Universitet

Lugt Periode: 740101-831231

De største månedlige 99%-fraktiler (µg/m3)

Retning (grader)	Afstand (m)														
	50	75	100	125	150	175	200	250	300	350	400	450	500	600	700
0	0.6	2.0	2.8	3.0	2.8	2.7	2.9	2.9	2.7	2.5	2.3	2.2	2.0	1.7	1.5
10	0.6	1.5	2.2	2.5	2.7	2.8	2.9	2.9	2.9	2.8	2.6	2.4	2.2	1.9	1.6
20	0.6	1.0	1.7	2.6	2.8	2.8	2.8	3.0	2.8	2.6	2.5	2.3	2.1	1.8	1.6
30	0.6	1.3	2.2	2.3	2.4	2.7	2.9	2.9	2.8	2.7	2.6	2.4	2.2	1.9	1.5
40	0.6	1.5	2.5	2.9	3.3	3.3	3.0	2.9	2.9	2.7	2.6	2.3	2.1	1.8	1.6
50	0.7	2.1	3.1	3.3	3.8	4.1	4.0	3.7	2.9	2.7	2.6	2.4	2.2	1.9	1.6
60	0.6	2.0	3.2	3.4	3.3	3.3	3.3	2.9	2.8	2.7	2.5	2.3	2.2	1.9	1.6
70	0.6	1.5	2.4	3.3	3.3	3.2	3.1	3.1	2.9	2.7	2.5	2.3	2.2	1.9	1.6
80	0.6	1.0	2.2	3.0	2.9	2.8	2.8	3.0	2.9	2.8	2.6	2.4	2.3	1.9	1.6
90	0.7	1.2	1.7	2.3	2.7	2.7	2.8	2.9	2.9	2.7	2.6	2.4	2.2	1.9	1.7
100	0.5	1.1	1.8	2.5	2.6	2.7	2.8	2.9	2.8	2.7	2.6	2.4	2.3	2.0	1.7
110	0.6	1.0	1.9	2.3	2.5	2.6	2.8	2.7	2.7	2.5	2.4	2.3	2.1	1.8	1.6
120	0.5	1.2	2.0	2.5	2.8	2.8	2.8	2.7	2.6	2.5	2.3	2.2	2.1	1.9	1.7
130	0.5	1.5	2.6	3.3	3.3	3.1	2.9	2.6	2.5	2.5	2.4	2.2	2.0	1.7	1.5
140	0.5	1.5	2.6	2.9	3.1	2.9	2.7	2.7	2.7	2.2	2.3	1.9	1.8	1.6	1.3
150	0.5	1.1	2.0	2.5	2.6	2.5	2.6	2.5	2.2	2.2	2.0	2.1	1.8	1.4	1.2
160	0.5	1.0	1.6	2.0	2.3	2.6	2.7	2.4	2.1	2.0	1.8	1.7	1.5	1.3	1.2
170	0.6	1.0	1.4	1.8	2.2	2.3	2.4	2.3	2.2	2.0	1.9	1.7	1.5	1.3	1.1
180	0.6	1.0	1.7	2.1	2.4	2.4	2.4	2.3	2.1	2.1	2.0	1.8	1.7	1.4	1.2
190	0.6	1.0	1.5	2.0	2.3	2.4	2.4	2.2	2.1	2.2	2.1	2.0	1.9	1.5	1.3
200	0.5	0.9	1.8	2.5	2.9	2.7	2.7	2.6	2.6	2.4	2.3	2.1	2.0	1.7	1.4
210	0.5	1.3	2.1	2.8	3.0	2.9	2.9	2.8	2.7	2.6	2.4	2.3	2.1	1.7	1.5
220	0.6	1.6	2.4	3.3	3.3	3.0	2.9	2.9	2.9	2.7	2.5	2.3	2.1	1.7	1.5
230	0.6	1.5	2.7	3.0	2.9	2.7	2.8	2.9	2.8	3.0	2.7	2.4	2.1	1.8	1.5
240	0.5	1.6	2.8	3.3	3.2	3.0	3.0	3.0	2.9	2.8	2.6	2.6	2.2	1.8	1.5
250	0.6	1.4	2.3	2.8	2.8	2.6	2.9	3.1	2.9	2.9	2.8	2.4	2.3	1.8	1.5
260	0.6	1.4	2.5	3.1	2.7	2.5	2.8	3.0	3.2	2.8	2.6	2.8	2.3	1.9	1.5
270	0.6	1.7	2.6	2.5	2.6	2.7	2.8	3.1	3.3	2.8	2.6	2.8	2.3	1.9	1.5
280	0.6	1.4	2.0	2.2	2.7	3.2	3.3	2.9	2.9	2.8	2.5	2.8	2.4	1.9	1.6
290	0.5	1.1	2.2	2.5	2.7	2.8	3.2	3.1	3.2	2.9	2.6	2.5	2.3	1.9	1.6
300	0.6	1.0	2.6	2.5	2.9	3.2	3.2	3.1	3.1	2.9	2.8	2.7	2.6	2.3	2.0
310	0.6	1.0	2.0	2.7	2.8	2.9	2.9	3.1	3.1	2.9	2.8	2.7	2.6	2.3	2.1
320	0.5	1.3	2.0	2.5	2.6	2.6	2.8	2.8	2.8	2.7	2.6	2.6	2.5	2.3	2.0

330	0.6	2.0	2.3	2.5	2.9	2.7	3.0	2.9	2.8	2.7	2.5	2.3	2.1	1.7	1.5
340	0.6	2.1	3.2	3.5	3.1	2.9	2.9	2.8	2.7	2.7	2.4	2.2	2.0	1.7	1.5
350	0.6	2.0	3.1	3.3	2.8	2.7	2.8	3.0	2.8	2.6	2.4	2.2	2.0	1.8	1.5

Maksimum= 4.06 i afstand 175 m og retning 50 grader i 197608 (yyyymm)

Dato: 2026/03/25 OML-Multi PC-version 20240314/7.10 Side 7
DCE - Nationalt Center for Miljø og Energi, Aarhus Universitet

Lugt Periode: 740101-831231

Middelværdier (µg/m3)

Retning (grader)	50	75	100	Afstand (m)												600	700
				125	150	175	200	250	300	350	400	450	500	600	700		
0	7.57E-03	1.25E-02	2.12E-02	3.23E-02	4.18E-02	5.05E-02	5.57E-02	5.96E-02	5.96E-02	5.67E-02	5.36E-02	5.04E-02	4.71E-02	4.10E-02	3.63E-02		
10	8.38E-03	1.45E-02	2.32E-02	3.58E-02	5.02E-02	6.02E-02	6.60E-02	7.12E-02	7.19E-02	6.89E-02	6.37E-02	5.97E-02	5.75E-02	4.83E-02	4.18E-02		
20	9.09E-03	1.59E-02	2.57E-02	4.31E-02	5.52E-02	6.66E-02	7.32E-02	8.17E-02	8.13E-02	7.88E-02	7.41E-02	6.94E-02	6.44E-02	5.49E-02	4.75E-02		
30	9.44E-03	1.68E-02	2.85E-02	4.57E-02	6.07E-02	7.28E-02	8.25E-02	8.99E-02	8.90E-02	8.49E-02	8.19E-02	7.69E-02	7.13E-02	6.19E-02	5.22E-02		
40	8.55E-03	1.72E-02	3.27E-02	5.01E-02	6.76E-02	8.33E-02	9.11E-02	9.96E-02	9.82E-02	9.48E-02	8.88E-02	8.22E-02	7.66E-02	6.59E-02	5.63E-02		
50	9.39E-03	1.93E-02	4.22E-02	6.58E-02	9.05E-02	1.10E-01	1.20E-01	1.27E-01	1.27E-01	1.18E-01	1.09E-01	9.97E-02	9.17E-02	7.88E-02	6.64E-02		
60	9.17E-03	2.05E-02	5.02E-02	8.48E-02	1.08E-01	1.32E-01	1.43E-01	1.50E-01	1.46E-01	1.37E-01	1.26E-01	1.15E-01	1.08E-01	9.01E-02	7.56E-02		
70	8.70E-03	2.03E-02	4.56E-02	7.89E-02	1.08E-01	1.30E-01	1.42E-01	1.50E-01	1.47E-01	1.38E-01	1.28E-01	1.18E-01	1.09E-01	9.16E-02	7.74E-02		
80	8.73E-03	1.82E-02	4.11E-02	7.17E-02	1.01E-01	1.20E-01	1.31E-01	1.41E-01	1.40E-01	1.34E-01	1.25E-01	1.16E-01	1.07E-01	9.12E-02	7.77E-02		
90	8.97E-03	1.91E-02	3.97E-02	6.90E-02	9.52E-02	1.09E-01	1.21E-01	1.30E-01	1.29E-01	1.22E-01	1.14E-01	1.06E-01	9.80E-02	8.33E-02	7.10E-02		
100	9.11E-03	2.08E-02	4.25E-02	7.23E-02	9.24E-02	1.09E-01	1.18E-01	1.25E-01	1.22E-01	1.14E-01	1.06E-01	9.75E-02	9.05E-02	7.66E-02	6.41E-02		
110	8.97E-03	2.02E-02	3.88E-02	5.89E-02	7.78E-02	9.05E-02	9.79E-02	1.02E-01	9.87E-02	9.24E-02	8.52E-02	7.82E-02	7.28E-02	6.01E-02	5.17E-02		
120	8.18E-03	1.75E-02	3.11E-02	4.50E-02	5.84E-02	6.74E-02	7.26E-02	7.53E-02	7.27E-02	6.80E-02	6.27E-02	5.77E-02	5.33E-02	4.46E-02	3.83E-02		
130	7.06E-03	1.45E-02	2.55E-02	3.97E-02	4.47E-02	5.12E-02	5.48E-02	5.65E-02	5.43E-02	5.18E-02	4.92E-02	4.47E-02	4.01E-02	3.34E-02	2.86E-02		
140	6.98E-03	1.36E-02	2.10E-02	2.87E-02	3.57E-02	4.02E-02	4.27E-02	4.37E-02	4.61E-02	3.89E-02	3.94E-02	3.36E-02	3.10E-02	2.63E-02	2.25E-02		
150	7.08E-03	1.30E-02	1.85E-02	2.44E-02	2.94E-02	3.28E-02	3.46E-02	3.52E-02	3.38E-02	3.16E-02	2.95E-02	3.15E-02	2.53E-02	2.17E-02	1.91E-02		
160	7.60E-03	1.28E-02	1.73E-02	2.19E-02	2.58E-02	2.84E-02	2.98E-02	3.03E-02	2.91E-02	2.74E-02	2.55E-02	2.41E-02	2.22E-02	1.91E-02	1.68E-02		
170	8.02E-03	1.32E-02	1.75E-02	2.21E-02	2.49E-02	2.73E-02	2.86E-02	2.92E-02	2.82E-02	2.66E-02	2.49E-02	2.32E-02	2.17E-02	1.90E-02	1.69E-02		
180	8.70E-03	1.38E-02	1.80E-02	2.34E-02	2.66E-02	2.85E-02	3.00E-02	3.08E-02	2.98E-02	2.83E-02	2.65E-02	2.48E-02	2.32E-02	2.04E-02	1.82E-02		
190	9.30E-03	1.48E-02	1.91E-02	2.41E-02	2.86E-02	3.07E-02	3.23E-02	3.26E-02	3.17E-02	3.01E-02	2.83E-02	2.65E-02	2.57E-02	2.20E-02	1.93E-02		
200	9.86E-03	1.55E-02	2.01E-02	2.53E-02	3.01E-02	3.27E-02	3.35E-02	3.57E-02	3.48E-02	3.31E-02	3.19E-02	2.95E-02	2.78E-02	2.41E-02	2.15E-02		
210	1.03E-02	1.64E-02	2.12E-02	2.70E-02	3.17E-02	3.54E-02	3.72E-02	3.89E-02	3.80E-02	3.63E-02	3.47E-02	3.31E-02	3.09E-02	2.74E-02	2.35E-02		
220	1.05E-02	1.67E-02	2.23E-02	2.87E-02	3.47E-02	3.93E-02	4.19E-02	4.29E-02	4.24E-02	4.03E-02	3.82E-02	3.62E-02	3.36E-02	2.94E-02	2.74E-02		
230	1.05E-02	1.67E-02	2.28E-02	3.08E-02	3.73E-02	4.42E-02	4.78E-02	5.11E-02	5.06E-02	5.24E-02	4.64E-02	4.42E-02	3.97E-02	3.37E-02	2.93E-02		
240	1.03E-02	1.63E-02	2.29E-02	3.09E-02	3.89E-02	4.61E-02	5.14E-02	5.59E-02	5.49E-02	5.29E-02	5.16E-02	5.20E-02	4.37E-02	3.73E-02	3.28E-02		
250	1.01E-02	1.63E-02	2.30E-02	3.24E-02	4.35E-02	5.10E-02	5.58E-02	6.18E-02	6.01E-02	5.93E-02	6.10E-02	5.12E-02	5.34E-02	4.16E-02	3.65E-02		
260	9.93E-03	1.65E-02	2.35E-02	3.34E-02	4.30E-02	5.20E-02	5.63E-02	6.18E-02	6.71E-02	5.79E-02	5.51E-02	6.44E-02	5.11E-02	4.16E-02	3.64E-02		
270	9.68E-03	1.65E-02	2.63E-02	3.91E-02	4.98E-02	5.81E-02	6.26E-02	6.61E-02	7.20E-02	5.97E-02	5.73E-02	6.83E-02	5.44E-02	4.25E-02	3.63E-02		
280	9.24E-03	1.69E-02	3.63E-02	4.71E-02	5.98E-02	7.85E-02	8.65E-02	7.93E-02	7.43E-02	7.05E-02	6.46E-02	7.42E-02	6.19E-02	4.87E-02	4.06E-02		
290	8.91E-03	1.81E-02	4.36E-02	5.74E-02	6.94E-02	8.01E-02	9.97E-02	9.60E-02	9.53E-02	8.87E-02	7.97E-02	7.73E-02	7.45E-02	5.90E-02	5.03E-02		
300	8.20E-03	1.71E-02	5.85E-02	5.82E-02	7.62E-02	8.94E-02	9.61E-02	9.54E-02	9.58E-02	9.07E-02	8.57E-02	7.90E-02	7.38E-02	6.05E-02	5.06E-02		
310	7.21E-03	1.45E-02	2.77E-02	4.53E-02	5.92E-02	6.92E-02	7.37E-02	8.11E-02	7.93E-02	7.49E-02	6.90E-02	6.18E-02	5.75E-02	4.94E-02	4.26E-02		
320	6.55E-03	1.32E-02	2.38E-02	3.90E-02	4.53E-02	5.30E-02	5.86E-02	6.05E-02	6.36E-02	6.05E-02	5.57E-02	5.14E-02	4.81E-02	4.17E-02	3.66E-02		
330	6.32E-03	1.25E-02	2.05E-02	3.13E-02	4.19E-02	4.78E-02	5.68E-02	5.44E-02	5.65E-02	5.36E-02	4.99E-02	4.71E-02	4.41E-02	3.85E-02	3.51E-02		
340	6.40E-03	1.16E-02	2.02E-02	3.10E-02	4.00E-02	4.71E-02	5.19E-02	5.64E-02	5.55E-02	5.54E-02	4.96E-02	4.68E-02	4.39E-02	3.83E-02	3.39E-02		
350	6.66E-03	1.16E-02	2.17E-02	3.08E-02	3.78E-02	4.52E-02	5.26E-02	5.80E-02	5.64E-02	5.43E-02	5.17E-02	4.88E-02	4.57E-02	4.13E-02	3.47E-02		

Maksimum= 1.50E-01 i afstand 250 m og retning 60 grader.

Dato: 2026/03/25 OML-Multi PC-version 20240314/7.10 Side 8
DCE - Nationalt Center for Miljø og Energi, Aarhus Universitet

Lugt Periode: 740101-831231

Maksimalt timeværdier (µg/m3)

Retning (grader)	50	75	100	125	150	175	200	250	300	350	400	450	500	600	700
0	2.7	5.5	5.3	6.3	7.1	6.9	6.3	5.1	4.2	3.6	3.3	3.2	3.1	2.8	2.5
10	2.7	5.5	5.2	5.6	7.1	7.4	7.0	5.7	4.7	4.2	3.7	3.2	3.0	2.7	2.5
20	2.7	5.4	5.1	5.2	6.2	6.4	6.0	4.9	4.3	4.2	4.7	4.8	4.8	4.4	3.9
30	2.4	5.1	5.0	5.5	5.6	5.4	5.3	4.6	4.1	5.0	5.8	6.1	6.1	5.8	5.1
40	2.4	5.2	5.1	5.6	5.7	5.6	5.6	4.9	4.3	4.0	4.5	4.6	4.6	4.2	3.7
50	2.4	4.9	5.2	5.2	5.7	5.7	5.7	5.1	5.5	5.8	5.7	5.4	5.0	4.3	3.8
60	2.0	4.2	5.1	5.1	5.2	5.6	5.6	5.3	6.3	6.6	6.6	6.3	5.9	5.2	4.5
70	1.6	3.6	4.6	4.9	5.4	5.4	5.5	5.2	4.5	3.9	3.7	3.5	3.3	3.0	2.9
80	1.1	3.6	4.6	5.7	6.0	5.7	5.2	5.0	4.8	4.3	3.8	3.2	3.0	2.8	2.6
90	1.2	3.9	5.3	5.4	5.6	5.2	4.7	5.2	5.7	5.7	5.5	5.1	4.8	4.0	3.3
100	1.3	4.4	5.9	5.7	4.9	5.4	5.4	4.8	3.9	3.6	3.5	3.4	3.3	3.0	2.7

110	1.4	4.4	5.5	5.5	5.4	5.5	5.6	4.9	4.0	3.6	3.3	3.2	3.2	2.9	2.6
120	1.4	4.6	5.4	6.2	6.1	6.4	6.5	5.7	5.3	4.7	4.0	3.4	3.5	3.4	3.1
130	1.2	4.2	5.2	6.6	6.4	6.1	6.3	5.5	4.5	3.8	3.4	3.5	3.4	3.2	3.0
140	1.4	3.6	4.5	5.6	5.7	5.4	4.8	4.2	3.9	3.5	3.6	3.3	3.3	3.0	2.7
150	1.7	4.5	4.7	6.2	6.7	6.4	5.7	4.3	3.7	3.5	3.4	3.3	3.0	2.6	2.4
160	1.9	5.0	5.3	6.0	6.5	6.2	5.5	4.8	4.5	4.0	3.4	3.5	3.5	3.3	3.2
170	2.2	5.0	5.4	4.8	5.2	5.5	5.3	5.6	6.0	5.9	5.5	5.1	4.7	4.0	3.5
180	2.4	5.4	5.3	5.0	6.5	6.9	6.7	6.3	6.8	6.7	6.3	5.9	5.4	4.7	4.1
190	2.4	5.5	5.3	4.8	6.3	6.7	6.5	5.4	4.4	4.3	4.0	3.6	3.3	3.6	3.7
200	2.2	4.9	4.8	4.7	4.8	5.1	4.9	4.3	4.5	4.5	4.4	4.1	3.8	3.2	2.8
210	2.1	4.9	5.0	5.4	5.0	5.0	4.9	4.7	4.2	3.8	3.6	3.4	3.2	3.1	2.8
220	2.2	5.3	5.7	5.0	4.6	4.7	4.8	4.9	4.7	4.2	3.8	4.2	4.3	4.3	4.1
230	2.2	5.5	6.2	5.4	6.2	6.5	6.2	5.2	4.4	3.9	3.6	4.0	4.1	3.9	3.6
240	1.9	5.3	6.0	5.6	7.1	7.5	7.3	6.2	5.2	4.6	4.1	3.7	3.4	2.9	2.8
250	1.5	4.5	5.2	5.5	6.5	6.8	6.5	5.5	4.8	4.8	4.6	4.2	3.9	3.8	3.7
260	1.2	3.9	5.2	6.1	7.7	8.1	7.9	6.9	6.7	6.7	6.5	6.7	5.9	5.3	4.8
270	1.2	3.5	5.8	6.2	7.2	7.6	8.2	8.0	7.4	6.7	6.1	5.5	5.1	4.4	3.8
280	1.4	4.1	6.7	7.0	6.5	7.3	7.2	6.3	5.6	5.3	5.8	7.5	6.8	5.9	5.2
290	1.5	4.3	6.4	6.6	6.8	7.5	7.7	7.2	7.4	7.2	6.8	7.7	8.1	7.3	6.6
300	1.4	4.0	5.8	6.9	7.2	6.6	6.1	6.8	7.1	6.8	6.4	6.2	6.1	5.5	4.7
310	1.3	3.6	5.9	6.7	7.0	6.4	5.6	4.7	5.0	6.0	6.4	6.4	6.3	5.9	5.2
320	1.8	4.3	6.2	7.0	6.3	5.7	6.1	5.7	4.8	4.6	4.8	4.8	4.8	4.8	4.5
330	2.3	4.8	5.9	6.2	5.9	5.5	6.0	5.5	4.6	4.0	4.4	4.8	5.0	4.8	4.8
340	2.7	5.5	5.6	5.1	4.9	4.7	4.6	4.2	4.1	4.7	5.6	6.3	6.7	6.8	6.5
350	2.8	5.8	5.6	6.0	6.7	6.5	5.9	5.1	4.3	4.2	4.2	4.1	3.9	3.6	3.1

Maksimum= 8.15 i afstand 200 m og retning 270 grader.

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Benyttede filer.

Følgende inputfiler er benyttet i beregningerne:

Punktkilder Z:\Tasks\126\126-22081\Data\OML filer\zoomed grid\sweeps\sweep\run_002\ARC_GRID_ZOOM_run_002.kld
Meteorologi..... C:\OML_Data\Aal7483LST.met
Receptorer..... Z:\Tasks\126\126-22081\Data\OML filer\zoomed grid\sweeps\sweep\run_002\ARC_GRID_ZOOM_run_002.rct
Beregningsopsætning..... Z:\Tasks\126\126-22081\Data\OML filer\zoomed grid\ARC_GRID_ZOOM.opt

Følgende outputfil er benyttet:

Resultater Z:\Tasks\126\126-22081\Data\OML filer\zoomed grid\sweeps\sweep\run_002\ARC_GRID_ZOOM_run_002.log

Receptorhøjde: 18 meter

Dato: 2026/03/25 OML-Multi PC-version 20240314/7.10 Side 1
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Meteorologiske spredningsberegninger er udført for følgende periode (lokal standard tid):

Start af beregningen = 740101 kl. 1
Slut på beregningen (incl.) = 831231 kl. 24

Meteorologiske data er fra: AALBORG

Koordinatsystem.

Der er anvendt et x,y-koordinatsystem med x-akse mod øst (90 grader) og y-akse mod nord (0 grader).
Enheden er meter. Systemet er fælles for receptorer og kilder. Origo kan fastlægges frit, fx. i skorstensfoden for den mest dominerende kilde eller som i UTM-systemet.

Receptordata.

Ruhedslængde, z0 = 0.300 m

Største terrænhældning = 12 grader

Receptorerne er beliggende med 10 graders interval i 15 koncentriske cirkler
med centrum x,y: 727753., 6176879.
og radierne (m): 50. 75. 100. 150. 200.
300. 400. 500. 600. 700.
800. 1000. 1500. 2000. 2500.

Terrænhøjder er ikke alle ens.

Alle receptorhøjder = 18.0 m.

Alle overflader er typenr. = 2 (Har kun betydning ved VVM-deposition)

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Side 2

Terrænhøjder [m]

Retning (grader)	Afstand (m)														
	50	75	100	150	200	300	400	500	600	700	800	1000	1500	2000	2500
0	2.6	2.2	2.6	2.6	2.8	2.3	2.0	0.0	0.0	2.0	0.3	2.4	2.6	0.0	0.0
10	2.7	2.3	2.3	3.0	2.7	2.7	1.9	1.9	0.0	0.0	2.7	2.7	0.8	0.0	0.0
20	2.8	2.5	2.2	2.4	2.5	2.7	2.7	0.0	1.9	0.0	0.0	0.1	0.1	0.0	0.0
30	2.9	2.4	2.3	2.4	2.5	2.1	2.6	2.6	2.6	0.0	0.0	0.0	0.1	0.0	0.0
40	2.9	2.3	2.4	2.3	2.4	2.5	2.7	2.8	2.9	2.7	2.6	0.0	0.0	0.0	0.0
50	3.0	2.3	2.1	2.3	2.3	2.4	2.3	2.8	3.0	2.9	0.0	0.0	0.0	0.0	0.0
60	3.0	2.2	2.6	2.2	2.5	2.5	1.8	0.6	2.8	2.7	2.7	0.0	0.0	0.0	0.0
70	2.9	2.3	2.2	2.3	2.6	2.4	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80	3.1	2.2	2.3	2.4	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90	3.1	2.5	2.2	2.4	2.3	0.0	0.0	0.0	0.0	2.1	2.2	0.0	0.0	0.0	0.0
100	3.1	2.7	2.4	0.0	0.0	0.0	0.0	1.2	2.3	2.5	2.2	0.0	0.0	0.0	0.0
110	3.2	2.8	2.3	0.0	0.0	0.0	0.0	2.3	2.5	2.5	2.3	2.3	0.0	0.0	0.0
120	3.2	3.0	2.6	0.0	0.0	0.0	2.4	2.2	2.3	2.5	3.0	0.0	4.9	0.0	0.0
130	2.3	2.7	2.8	0.0	0.0	0.0	3.5	2.3	2.7	2.5	2.3	0.0	2.4	0.0	0.0
140	2.2	2.7	2.5	3.6	4.7	0.0	2.9	5.5	2.1	2.6	4.5	2.4	2.5	0.0	0.0
150	2.1	2.4	2.2	0.0	0.0	0.0	2.9	2.7	4.4	2.1	2.7	2.4	2.6	1.4	0.0
160	2.2	2.5	2.4	0.0	0.0	0.0	1.2	3.2	3.0	3.0	2.1	0.0	0.0	0.8	0.0
170	2.1	2.4	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.2	1.3	1.9
180	2.1	2.5	2.0	2.3	0.0	0.0	0.0	0.0	0.0	2.8	8.1	3.4	1.9	3.1	2.1
190	2.1	2.2	2.2	2.5	2.4	0.0	0.0	2.7	3.5	2.1	2.9	1.6	0.9	1.8	2.1
200	2.0	2.1	2.2	2.3	2.5	0.1	0.0	0.0	2.5	2.4	2.0	2.1	1.1	1.9	2.7
210	2.0	2.2	2.1	2.3	2.5	2.3	2.8	2.5	4.8	7.3	4.2	5.0	1.1	2.6	2.0
220	2.0	2.1	2.2	2.5	2.8	2.5	2.6	2.9	2.3	4.0	4.5	0.6	0.6	1.3	2.0
230	2.1	2.1	2.2	2.4	3.0	3.0	3.1	3.3	3.2	0.8	0.6	2.8	0.0	1.8	5.7
240	2.1	2.1	2.2	2.4	3.0	3.4	3.8	2.7	2.1	1.1	0.0	0.3	2.2	1.4	1.8
250	2.0	2.2	2.2	3.0	2.9	3.3	8.3	3.3	2.2	0.0	1.7	0.0	1.8	0.0	2.0
260	2.1	2.2	2.1	2.3	2.6	2.6	2.6	3.6	0.0	0.0	1.0	1.7	3.1	2.2	4.6
270	2.1	2.1	2.2	2.6	2.8	2.8	1.9	6.3	2.3	0.2	1.9	2.5	0.0	3.0	4.3
280	2.1	2.1	3.5	2.8	4.0	2.4	2.0	6.0	2.6	0.0	0.0	2.6	0.0	2.8	6.1
290	2.2	2.3	4.0	1.6	6.3	3.2	2.6	5.7	3.1	2.9	0.0	0.9	0.0	9.6	3.0
300	2.2	2.2	2.7	3.0	2.7	3.1	3.5	3.9	3.0	0.0	2.7	0.0	0.0	0.4	5.8
310	2.1	2.2	7.7	3.0	3.1	3.1	3.2	3.0	0.0	0.0	2.4	2.6	0.0	0.0	2.4
320	2.1	2.2	2.7	2.9	3.0	3.5	2.6	0.0	0.0	2.6	1.9	2.3	0.0	0.0	0.0
330	2.2	2.9	2.8	3.0	2.7	2.9	0.0	0.0	0.0	2.1	2.1	5.6	0.0	0.0	0.0
340	2.1	2.7	2.9	3.1	3.0	2.6	0.0	0.0	0.0	2.5	2.7	1.9	2.7	0.0	0.0
350	2.3	2.2	3.3	3.0	2.6	2.5	3.9	5.6	0.0	6.6	2.3	4.7	2.5	0.0	0.0

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Side 3

Forkortelser benyttet for kildeparametrene:

Nr.....: Internt kildenummer
ID.....: Tekst til identificering af kilde
X.....: X-koordinat for kilde [m]
Y.....: Y-koordinat for kilde [m]
Z.....: Terrænkote for skorstensfod [m]
HS.....: Skorstenshøjde over terræn [m]
T.....: Temperatur af røggas [Kelvin]/[Celsius]
VOL.....: Volumenmængde af røggas [normal m3/sek]
DSO.....: Ydre diameter af skorstenstop [m]
DSI.....: Indre diameter af skorstenstop [m]
HB.....: Generel beregningsmæssig bygningshøjde [m]
QI.....: Emission af stof nr. 'i' [gram/sek], [MLE/sek] eller [MOU/sek]

Punktkilder.

Kildedata:

Nr	ID	X	Y	Z	HS	T(C)	VOL	DSI	DSO	HB	Q1	Q2	Q3
1	1	727753.	6176879.	2.1	35.0	18.	26.00	1.60	2.00	15.0	0.1180	0.0000	0.0000

Tidsvariationer i emissionen fra punktkilder.

Emissionerne fra de enkelte punktkilder er konstant.

Afledte kildeparametre:

Kilde nr.	Vertikal røggashastighed m/s	Buoyancy flux (termisk løft) (omtrentlig) m4/s3
1	13.8	2.4

Der er ingen retningsafhængige bygningsdata.

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Side til advarsler.

Dato: 2026/03/25 OML-Multi PC-version 20240314/7.10 Side 5
DCE - Nationalt Center for Miljø og Energi, Aarhus Universitet

Lugt Periode: 740101-831231

De 4. største månedlige 99%-fraktiler (µg/m3)

Retning (grader)	Afstand (m)															
	50	75	100	150	200	300	400	500	600	700	800	1000	1500	2000	2500	
0	2.2	3.1	5.1	5.2	4.5	3.2	2.5	2.0	1.6	1.4	1.2	0.9	0.5	0.4	0.3	
10	2.2	3.9	5.2	5.6	4.9	3.5	2.7	2.2	1.8	1.5	1.2	1.0	0.5	0.4	0.3	
20	2.4	4.4	5.0	5.3	4.7	3.4	2.7	2.1	1.8	1.5	1.3	1.0	0.6	0.4	0.3	
30	2.4	4.5	5.6	5.5	4.7	3.4	2.7	2.2	1.8	1.5	1.3	1.0	0.6	0.4	0.3	
40	2.9	4.2	5.6	5.3	4.6	3.5	2.7	2.2	1.8	1.5	1.3	1.0	0.6	0.4	0.3	
50	4.4	5.4	5.6	5.6	4.8	3.5	2.8	2.3	1.9	1.6	1.3	1.0	0.6	0.4	0.3	
60	5.0	5.5	6.3	5.6	4.9	3.6	2.7	2.2	1.9	1.6	1.3	1.0	0.6	0.4	0.3	
70	4.4	5.5	5.9	5.7	5.0	3.7	2.8	2.3	1.9	1.6	1.4	1.0	0.6	0.4	0.3	
80	3.9	4.8	5.7	5.7	5.0	3.7	2.8	2.3	1.9	1.6	1.4	1.1	0.7	0.4	0.4	
90	4.7	5.1	5.8	5.7	5.0	3.6	2.8	2.3	1.9	1.6	1.4	1.1	0.7	0.5	0.4	
100	5.3	5.5	6.0	5.5	4.8	3.4	2.7	2.2	1.8	1.5	1.3	1.0	0.6	0.4	0.4	
110	5.3	5.9	5.8	5.2	4.6	3.4	2.6	2.1	1.8	1.5	1.3	1.0	0.6	0.4	0.4	
120	3.4	5.0	5.5	4.9	4.1	3.1	2.6	2.1	1.8	1.5	1.3	1.0	0.6	0.4	0.3	
130	1.9	3.7	4.8	4.6	3.9	3.0	2.4	1.8	1.5	1.3	1.1	0.8	0.5	0.4	0.3	
140	1.9	3.0	3.6	4.5	4.2	2.8	2.2	1.8	1.3	1.1	1.0	0.7	0.5	0.3	0.3	
150	1.8	2.3	2.9	3.4	3.1	2.4	1.9	1.5	1.3	1.0	0.9	0.7	0.4	0.4	0.3	
160	1.9	2.2	2.8	3.2	3.1	2.3	1.7	1.5	1.2	1.1	0.9	0.7	0.4	0.3	0.3	
170	2.0	2.2	2.7	3.2	2.9	2.3	1.7	1.5	1.3	1.1	1.0	0.7	0.4	0.3	0.3	
180	2.1	2.4	2.8	3.5	3.2	2.5	1.9	1.7	1.4	1.2	1.1	0.8	0.5	0.4	0.3	
190	2.0	2.3	3.2	3.5	3.3	2.7	2.1	1.8	1.5	1.2	1.1	0.8	0.4	0.3	0.3	
200	2.0	2.2	3.2	3.7	3.3	2.7	2.2	1.8	1.6	1.3	1.1	0.9	0.5	0.3	0.3	
210	2.0	2.4	3.1	3.7	3.6	2.9	2.4	1.9	1.6	1.4	1.1	0.9	0.5	0.3	0.3	
220	2.1	2.3	3.5	4.0	3.9	2.9	2.3	1.8	1.5	1.3	1.1	0.8	0.5	0.3	0.3	
230	2.1	2.6	3.7	4.7	4.3	3.2	2.5	2.0	1.6	1.4	1.2	0.9	0.5	0.4	0.3	
240	2.0	2.4	3.7	4.3	4.4	3.3	2.6	2.0	1.7	1.4	1.2	0.9	0.5	0.4	0.3	
250	2.0	2.6	4.0	5.6	4.5	3.3	2.8	2.1	1.7	1.4	1.2	0.9	0.5	0.4	0.3	
260	2.2	3.2	4.2	5.0	4.7	3.4	2.6	2.2	1.8	1.5	1.3	0.9	0.5	0.4	0.3	
270	2.1	3.3	4.2	4.8	4.3	3.2	2.5	2.2	1.7	1.4	1.2	0.9	0.6	0.4	0.3	
280	2.1	3.6	5.5	5.4	4.9	3.3	2.6	2.2	1.9	1.5	1.3	1.0	0.6	0.5	0.4	
290	2.6	4.8	6.7	5.3	5.5	3.6	2.7	2.3	1.8	1.5	1.3	0.9	0.6	0.4	0.4	
300	2.7	4.5	5.8	5.8	4.8	3.7	2.9	2.3	1.9	1.5	1.3	1.0	0.7	0.5	0.4	
310	2.1	4.4	8.6	5.7	4.8	3.6	2.8	2.2	1.8	1.5	1.3	1.0	0.7	0.5	0.4	
320	2.0	3.4	5.0	5.3	4.7	3.5	2.6	2.1	1.7	1.5	1.2	0.9	0.5	0.4	0.3	
330	2.1	4.4	5.2	5.3	4.6	3.4	2.5	2.0	1.7	1.4	1.2	0.9	0.5	0.4	0.3	
340	1.9	3.4	4.9	5.2	4.5	3.2	2.5	2.0	1.7	1.4	1.2	0.9	0.5	0.4	0.3	
350	2.0	3.2	5.2	5.6	4.5	3.3	2.7	2.3	1.8	1.6	1.2	0.9	0.5	0.4	0.3	

Maksimum= 8.59 i afstand 100 m og retning 310 grader i 197504 (yyyymm)

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DCE - Nationalt Center for Miljø og Energi, Aarhus Universitet

Lugt Periode: 740101-831231

De største månedlige 99%-fraktiler (µg/m3)

Retning (grader)	Afstand (m)															
	50	75	100	150	200	300	400	500	600	700	800	1000	1500	2000	2500	

0	3.0	4.9	6.0	5.8	4.8	3.4	2.6	2.1	1.8	1.5	1.3	1.0	0.6	0.4	0.3
10	2.9	4.7	5.5	5.7	5.0	3.7	2.8	2.3	1.9	1.6	1.3	1.0	0.6	0.5	0.4
20	3.6	5.2	5.6	5.7	4.9	3.6	2.8	2.2	1.9	1.6	1.3	1.0	0.6	0.4	0.3
30	3.9	5.3	5.9	5.8	4.9	3.6	2.8	2.3	1.9	1.6	1.3	1.0	0.6	0.4	0.3
40	4.1	5.6	6.1	5.6	5.0	3.6	2.8	2.3	1.9	1.6	1.4	1.0	0.6	0.4	0.3
50	5.5	5.8	6.0	5.7	4.9	3.6	2.8	2.3	1.9	1.6	1.4	1.0	0.6	0.4	0.3
60	6.8	6.1	6.6	5.7	5.0	3.7	2.8	2.3	1.9	1.6	1.4	1.0	0.6	0.5	0.3
70	5.1	5.7	6.2	5.8	5.2	3.8	2.9	2.3	1.9	1.6	1.4	1.1	0.6	0.5	0.4
80	5.7	5.9	6.2	5.9	5.2	3.7	2.9	2.3	1.9	1.7	1.4	1.1	0.7	0.5	0.4
90	7.4	6.3	6.0	5.9	5.1	3.7	2.9	2.3	1.9	1.6	1.4	1.2	0.8	0.6	0.5
100	6.6	6.6	6.3	5.5	5.0	3.8	3.0	2.4	2.0	1.8	1.6	1.3	0.9	0.7	0.6
110	6.0	6.6	6.1	5.4	4.8	3.5	2.8	2.3	1.9	1.5	1.3	1.0	0.7	0.5	0.4
120	5.5	6.3	6.1	5.5	4.8	3.5	2.7	2.3	1.9	1.7	1.5	1.2	0.8	0.6	0.5
130	4.0	5.1	5.5	4.8	4.5	3.5	2.8	2.2	1.8	1.5	1.4	1.2	0.8	0.6	0.4
140	2.4	3.6	4.8	6.1	4.9	2.9	2.5	2.1	1.6	1.3	1.1	0.8	0.5	0.4	0.3
150	2.0	2.4	3.2	3.6	3.7	2.9	2.3	1.8	1.5	1.2	1.0	0.8	0.5	0.4	0.3
160	2.0	2.4	3.1	3.5	3.2	2.4	1.9	1.6	1.4	1.2	1.1	0.8	0.5	0.4	0.3
170	2.0	2.3	3.0	3.7	3.7	2.6	2.0	1.6	1.3	1.2	1.0	0.8	0.5	0.4	0.3
180	2.1	2.4	2.9	3.7	3.6	2.8	2.2	1.8	1.5	1.3	1.2	0.9	0.5	0.4	0.3
190	2.1	2.4	3.4	3.7	3.6	3.0	2.4	1.9	1.6	1.3	1.2	0.9	0.5	0.4	0.3
200	2.0	2.5	3.7	4.8	4.5	3.2	2.5	2.0	1.7	1.4	1.2	0.9	0.5	0.4	0.3
210	2.1	4.1	5.3	5.1	4.7	3.3	2.7	2.1	1.8	1.6	1.3	0.9	0.5	0.4	0.3
220	2.1	3.3	4.7	5.5	4.9	3.5	2.6	2.1	1.7	1.5	1.3	0.9	0.5	0.4	0.3
230	2.1	3.0	4.4	5.3	4.6	3.4	2.7	2.2	1.8	1.5	1.3	1.0	0.6	0.4	0.3
240	2.1	2.8	4.7	5.5	5.0	3.8	2.9	2.3	1.8	1.5	1.3	0.9	0.6	0.4	0.3
250	2.1	3.6	5.0	5.9	4.9	3.8	3.2	2.3	1.8	1.5	1.3	1.0	0.6	0.4	0.3
260	4.7	5.7	5.6	5.3	5.1	3.7	2.9	2.4	1.8	1.5	1.3	1.0	0.6	0.4	0.4
270	4.2	5.5	5.6	5.3	5.1	3.7	2.8	2.4	1.8	1.5	1.3	1.0	0.7	0.4	0.4
280	2.4	3.7	6.4	5.7	5.5	3.8	2.9	2.5	2.0	1.6	1.4	1.1	0.7	0.6	0.5
290	4.5	6.1	7.3	5.5	6.1	3.8	2.9	2.4	1.9	1.7	1.4	1.1	0.8	0.6	0.5
300	4.5	5.9	6.6	6.1	5.2	3.8	3.1	2.7	2.3	2.0	1.8	1.4	0.9	0.7	0.6
310	3.8	5.4	9.2	5.8	5.1	3.8	3.3	2.8	2.5	2.1	1.9	1.5	1.0	0.8	0.6
320	2.9	5.4	5.9	5.5	4.9	3.7	3.2	2.7	2.3	2.0	1.8	1.4	1.0	0.7	0.6
330	2.5	5.4	6.1	5.6	4.9	3.6	2.7	2.2	1.8	1.5	1.3	1.0	0.6	0.4	0.3
340	2.0	4.4	6.2	5.5	4.9	3.4	2.6	2.1	1.7	1.5	1.3	1.0	0.7	0.5	0.4
350	3.0	5.0	6.8	5.8	4.9	3.5	2.8	2.4	1.8	1.6	1.3	1.0	0.6	0.4	0.4

Maksimum= 9.16 i afstand 100 m og retning 310 grader i 197401 (yyyymm)

Dato: 2026/03/25 OML-Multi PC-version 20240314/7.10 Side 7
DCE - Nationalt Center for Miljø og Energi, Aarhus Universitet

Lugt Periode: 740101-831231

Middelværdier (µg/m3)

Retning (grader)	Afstand (m)														
	50	75	100	150	200	300	400	500	600	700	800	1000	1500	2000	2500
0	4.03E-02	5.62E-02	8.47E-02	1.06E-01	1.05E-01	8.25E-02	6.70E-02	5.63E-02	4.81E-02	4.16E-02	3.64E-02	2.91E-02	1.88E-02	1.37E-02	1.09E-02
10	4.70E-02	6.78E-02	9.73E-02	1.34E-01	1.25E-01	1.00E-01	7.91E-02	6.61E-02	5.62E-02	4.84E-02	4.30E-02	3.37E-02	2.09E-02	1.53E-02	1.21E-02
20	5.34E-02	8.10E-02	1.10E-01	1.45E-01	1.41E-01	1.14E-01	9.23E-02	7.49E-02	6.35E-02	5.46E-02	4.75E-02	3.71E-02	2.32E-02	1.69E-02	1.33E-02
30	5.71E-02	8.58E-02	1.23E-01	1.61E-01	1.57E-01	1.22E-01	1.01E-01	8.37E-02	7.07E-02	5.95E-02	5.17E-02	4.02E-02	2.49E-02	1.80E-02	1.41E-02
40	6.00E-02	9.28E-02	1.40E-01	1.75E-01	1.69E-01	1.33E-01	1.07E-01	8.86E-02	7.45E-02	6.31E-02	5.43E-02	4.13E-02	2.54E-02	1.82E-02	1.42E-02
50	7.19E-02	1.19E-01	1.74E-01	2.24E-01	2.09E-01	1.62E-01	1.27E-01	1.05E-01	8.68E-02	7.35E-02	6.27E-02	4.67E-02	2.79E-02	1.96E-02	1.51E-02
60	8.27E-02	1.40E-01	2.29E-01	2.63E-01	2.47E-01	1.87E-01	1.44E-01	1.16E-01	9.79E-02	8.18E-02	6.96E-02	5.17E-02	3.04E-02	2.11E-02	1.62E-02
70	7.81E-02	1.41E-01	2.14E-01	2.71E-01	2.56E-01	1.92E-01	1.50E-01	1.21E-01	1.00E-01	8.44E-02	7.21E-02	5.47E-02	3.25E-02	2.27E-02	1.74E-02
80	7.73E-02	1.28E-01	2.04E-01	2.64E-01	2.47E-01	1.88E-01	1.49E-01	1.22E-01	1.02E-01	8.60E-02	7.39E-02	5.66E-02	3.42E-02	2.42E-02	1.87E-02
90	8.31E-02	1.38E-01	1.94E-01	2.46E-01	2.26E-01	1.73E-01	1.37E-01	1.13E-01	9.42E-02	8.00E-02	6.92E-02	5.31E-02	3.27E-02	2.34E-02	1.82E-02
100	8.91E-02	1.53E-01	2.05E-01	2.31E-01	2.10E-01	1.59E-01	1.26E-01	1.02E-01	8.58E-02	7.31E-02	6.23E-02	4.77E-02	2.93E-02	2.11E-02	1.66E-02
110	7.87E-02	1.30E-01	1.66E-01	1.87E-01	1.70E-01	1.29E-01	1.01E-01	8.33E-02	6.99E-02	5.92E-02	5.07E-02	3.91E-02	2.42E-02	1.77E-02	1.40E-02
120	6.04E-02	9.87E-02	1.25E-01	1.35E-01	1.24E-01	9.60E-02	7.74E-02	6.30E-02	5.30E-02	4.56E-02	4.02E-02	3.06E-02	2.13E-02	1.47E-02	1.19E-02
130	4.05E-02	6.90E-02	9.37E-02	9.93E-02	9.23E-02	7.26E-02	6.17E-02	4.85E-02	4.16E-02	3.56E-02	3.09E-02	2.44E-02	1.63E-02	1.23E-02	1.01E-02
140	3.58E-02	5.55E-02	6.92E-02	8.60E-02	8.32E-02	5.69E-02	4.78E-02	4.36E-02	3.27E-02	2.90E-02	2.73E-02	2.04E-02	1.40E-02	1.07E-02	8.91E-03
150	3.43E-02	4.66E-02	5.52E-02	6.13E-02	5.81E-02	4.73E-02	4.04E-02	3.36E-02	3.10E-02	2.46E-02	2.25E-02	1.82E-02	1.28E-02	9.90E-03	8.31E-03
160	3.58E-02	4.55E-02	5.20E-02	5.44E-02	5.14E-02	4.22E-02	3.50E-02	3.14E-02	2.70E-02	2.38E-02	2.04E-02	1.69E-02	1.21E-02	9.62E-03	8.13E-03
170	3.75E-02	4.63E-02	5.25E-02	5.42E-02	5.10E-02	4.19E-02	3.49E-02	2.98E-02	2.60E-02	2.30E-02	2.07E-02	1.72E-02	1.24E-02	9.83E-03	8.32E-03
180	4.06E-02	5.04E-02	5.37E-02	5.90E-02	5.45E-02	4.48E-02	3.73E-02	3.18E-02	2.77E-02	2.54E-02	2.73E-02	1.94E-02	1.30E-02	1.07E-02	8.70E-03
190	4.38E-02	5.18E-02	5.81E-02	6.41E-02	5.95E-02	4.77E-02	3.97E-02	3.50E-02	3.16E-02	2.61E-02	2.43E-02	1.94E-02	1.37E-02	1.08E-02	9.12E-03
200	4.66E-02	5.42E-02	6.17E-02	6.70E-02	6.42E-02	5.13E-02	4.28E-02	3.66E-02	3.25E-02	2.86E-02	2.53E-02	2.09E-02	1.47E-02	1.16E-02	9.94E-03
210	4.88E-02	5.84E-02	6.52E-02	7.28E-02	7.01E-02	5.71E-02	4.90E-02	4.11E-02	3.95E-02	3.75E-02	3.03E-02	2.55E-02	1.59E-02	1.27E-02	1.04E-02
220	5.00E-02	5.99E-02	7.03E-02	8.00E-02	7.75E-02	6.24E-02	5.22E-02	4.51E-02	3.80E-02	3.60E-02	3.26E-02	2.43E-02	1.67E-02	1.30E-02	1.08E-02
230	5.03E-02	6.19E-02	7.55E-02	8.86E-02	8.90E-02	7.29E-02	6.06E-02	5.18E-02	4.45E-02	3.72E-02	3.30E-02	2.76E-02	1.82E-02	1.40E-02	1.28E-02
240	4.99E-02	6.24E-02	7.85E-02	9.59E-02	9.75E-02	8.19E-02	6.88E-02	5.56E-02	4.67E-02	4.09E-02	3.63E-02	2.94E-02	1.98E-02	1.51E-02	1.23E-02
250	4.97E-02	6.54E-02	8.35E-02	1.11E-01	1.06E-01	8.96E-02	8.68E-02	6.25E-02	5.14E-02	4.47E-02	3.95E-02	3.18E-02	2.11E-02	1.60E-02	1.30E-02
260	4.98E-02	6.71E-02	8.48E-02	1.06E-01	1.05E-01	8.69E-02	7.18E-02	6.32E-02	5.11E-02	4.46E-02	3.93E-02	3.16E-02	2.17E-02	1.59E-02	1.39E-02
270	4.97E-02	7.05E-02	9.43E-02	1.17E-01	1.12E-01	8.98E-02	7.10E-02	6.89E-02	5.15E-02	4.44E-02	3.90E-02	3.17E-02	2.07E-02	1.62E-02	1.36E-02
280	4.98E-02	7.93E-02	1.33E-01	1.40E-01	1.39E-01	1.00E-01	7.98E-02	7.52E-02	5.74E-02	4.85E-02	4.24E-02	3.41E-02	2.19E-02	1.67E-02	1.45E-02
290	5.37E-02	9.72E-02	1.74E-01	1.61E-01	1.86E-01	1.25E-01	9.69E-02	8.70E-02	6.80E-02	5.76E-02	4.88E-02	3.81E-02	2.41E-02	2.01E-02	1.43E-02
300	5.30E-02	9.67E-02	1.51E-01	1.80E-01	1.61E-01	1.27E-01	1.02E-01	8.49E-02	6.94E-02	5.76E-02	5.07E-02	3.89E-02	2.45E-02	1.78E-02	1.51E-02
310	4.27E-02	7.58E-02	1.88E-01	1.43E-01	1.33E-01	1.04E-01	8.45E-02	6.96E-02	5.72E-02	4.92E-02	4.33E-02	3.44E-02	2.18E-02	1.61E-02	1.30E-02
320	3.55E-02	5.83E-02	9.00E-02	1.13E-01	1.08E-01	8.85E-02	6.95E-02	5.72E-02	4.89E-02	4.31E-02	3.72E-02	2.97E-02	1.93E-02	1.43E-02	1.15E-02
330	3.29E-02	5.81E-02	7.93E-02	1.01E-01	9.51E-02	7.86E-02	6.24E-02	5.27E-02	4.51E-02	3.92E-02	3.44E-02	2.99E-02	1.79E-02	1.33E-02	1.07E-02

340 3.15E-02 5.43E-02 7.86E-02 1.01E-01 9.63E-02 7.70E-02 6.20E-02 5.23E-02 4.48E-02 3.94E-02 3.48E-02 2.72E-02 1.79E-02 1.31E-02 1.05E-02
350 3.43E-02 5.11E-02 8.61E-02 1.04E-01 9.76E-02 7.99E-02 6.95E-02 6.08E-02 4.65E-02 4.53E-02 3.56E-02 3.00E-02 1.82E-02 1.33E-02 1.06E-02

Maksimum= 2.71E-01 i afstand 150 m og retning 70 grader.

Dato: 2026/03/25 OML-Multi PC-version 20240314/7.10 Side 8
DCE - Nationalt Center for Miljø og Energi, Aarhus Universitet

Lugt Periode: 740101-831231

Maksimalle timeværdier (µg/m3)

Retning (grader)	Afstand (m)														
	50	75	100	150	200	300	400	500	600	700	800	1000	1500	2000	2500
0	6.7	6.2	6.6	7.3	6.3	4.5	3.8	3.3	2.9	2.6	2.4	2.1	1.5	1.3	1.1
10	6.3	6.3	6.4	7.4	7.0	4.7	3.8	3.2	2.8	2.5	2.3	1.8	1.2	1.0	0.9
20	6.1	6.6	6.2	6.4	6.0	4.6	5.3	4.9	4.4	3.9	3.3	2.4	1.4	1.1	0.9
30	6.0	6.4	6.4	6.0	5.6	5.4	6.6	6.4	5.8	5.1	4.4	3.2	1.9	1.6	1.3
40	6.7	6.4	6.5	6.0	5.6	4.5	5.0	4.8	4.3	3.7	3.6	3.4	2.6	2.1	1.7
50	7.3	6.4	6.2	6.0	5.8	5.6	5.7	5.0	4.3	3.8	3.4	2.8	2.1	1.7	1.5
60	7.7	6.3	6.7	5.9	5.7	6.4	6.6	5.9	5.2	4.5	4.1	3.3	2.3	1.8	1.5
70	7.5	6.4	6.3	6.0	5.8	4.8	4.0	3.5	3.1	3.1	3.0	2.7	1.9	1.6	1.4
80	7.7	6.3	6.4	6.2	5.7	4.9	3.9	3.3	2.9	2.6	2.6	2.3	1.6	1.4	1.2
90	7.8	6.6	6.3	6.0	7.7	7.0	5.9	4.8	4.0	3.3	3.0	2.7	2.2	1.7	1.4
100	7.6	6.8	6.5	5.9	5.8	4.7	4.1	3.5	3.1	2.7	2.6	2.5	2.1	1.6	1.4
110	7.9	6.9	6.4	5.9	5.7	4.7	4.0	3.4	3.0	2.6	2.4	2.5	2.2	1.8	1.5
120	7.6	7.1	6.7	6.2	6.6	5.3	4.0	3.7	3.5	3.1	2.9	2.5	1.9	1.6	1.3
130	5.5	6.7	6.8	6.4	6.3	4.6	4.0	3.6	3.4	3.0	2.6	2.0	1.4	1.1	0.9
140	4.1	6.1	6.0	6.6	6.4	4.7	4.0	3.8	3.1	2.7	2.4	1.9	1.7	1.3	1.1
150	3.3	5.1	6.1	6.9	5.7	4.4	3.7	3.2	2.9	2.5	2.4	2.2	1.6	1.3	1.0
160	3.2	5.5	6.1	6.6	5.5	4.5	4.3	3.9	3.4	3.6	3.6	3.5	2.8	2.2	1.9
170	3.5	5.5	5.9	5.6	5.3	6.0	5.5	4.7	4.0	3.5	3.1	2.5	1.8	1.4	1.2
180	3.9	5.9	5.3	6.8	6.8	6.8	6.3	5.4	4.7	4.1	3.8	3.6	2.7	2.2	1.9
190	3.9	5.9	5.6	6.6	6.6	4.5	4.0	3.7	4.1	3.9	3.8	3.3	2.4	1.9	1.6
200	3.6	5.4	6.0	5.8	6.9	5.8	4.7	3.8	3.2	2.9	2.7	2.6	2.3	1.9	1.6
210	4.1	5.8	6.2	5.9	5.5	4.3	3.8	3.4	3.3	3.0	2.5	2.2	1.7	1.4	1.2
220	3.6	5.8	6.0	5.9	5.4	4.8	4.4	4.7	4.4	4.1	3.7	2.8	1.8	1.4	1.1
230	3.5	6.2	6.4	6.4	6.2	4.4	4.2	4.4	4.1	3.7	3.3	2.6	1.8	1.4	1.2
240	3.1	5.9	6.1	7.4	7.3	5.2	4.1	3.4	3.0	2.9	2.7	2.4	2.0	1.6	1.4
250	2.6	5.2	6.1	6.8	6.5	4.9	4.6	4.0	4.0	3.8	3.6	3.0	2.2	1.7	1.3
260	5.7	6.2	6.1	8.0	7.9	6.7	6.5	6.1	5.4	4.8	4.1	3.2	2.3	1.8	1.4
270	4.9	6.0	6.2	7.4	8.3	7.4	6.1	5.1	4.4	3.8	3.4	2.8	2.0	1.5	1.2
280	5.2	6.1	7.3	6.8	7.2	6.2	6.7	7.0	5.9	5.2	4.4	3.3	2.2	1.7	1.5
290	5.9	6.3	7.7	7.2	7.9	7.5	8.0	8.4	7.3	6.5	5.6	4.2	2.5	2.0	1.7
300	6.1	6.2	6.7	7.2	6.1	7.1	6.9	6.4	5.5	4.7	4.0	2.9	2.3	2.0	1.7
310	6.3	6.2	9.8	7.1	5.6	7.1	7.3	6.8	5.9	5.1	4.4	3.3	2.2	1.8	1.5
320	5.0	6.1	6.8	6.4	6.2	5.7	5.5	5.1	4.9	4.5	4.0	3.2	2.0	1.5	1.2
330	4.3	6.8	6.8	6.3	6.0	5.3	5.1	5.3	4.9	4.7	4.4	3.8	2.5	1.9	1.6
340	4.9	6.7	6.9	6.3	5.8	4.7	6.5	7.1	7.0	6.5	5.9	4.6	2.9	2.2	1.7
350	5.1	6.2	7.2	7.0	5.9	4.3	4.4	4.4	3.6	3.3	2.8	2.5	1.8	1.3	1.1

Maksimum= 9.77 i afstand 100 m og retning 310 grader.

Dato: 2026/03/25 OML-Multi PC-version 20240314/7.10 Side 9
DCE - Nationalt Center for Miljø og Energi, Aarhus Universitet

Benyttede filer.

Følgende inputfiler er benyttet i beregningerne:

Punktkilder Z:\Tasks\126\126-22081\Data\OML filer\sweeps\sweep_003\run_003\ARC_sorteringsanlæg_run_003.kld
Meteorologi..... C:\OML_Data\Aal7483LST.met
Receptorer..... Z:\Tasks\126\126-22081\Data\OML filer\sweeps\sweep_003\run_003\ARC_sorteringsanlæg_run_003.rct
Beregningsopsætning..... Z:\Tasks\126\126-22081\Data\OML filer\ARC_sorteringsanlæg.opt

Følgende outputfil er benyttet:

Resultater Z:\Tasks\126\126-22081\Data\OML filer\sweeps\sweep_003\run_003\ARC_sorteringsanlæg_run_003.log

Dato: 2026/03/25 OML-Multi PC-version 20240314/7.10 Side 1
DCE - Nationalt Center for Miljø og Energi, Aarhus Universitet

Meteorologiske spredningsberegninger er udført for følgende periode (lokal standard tid):

Start af beregningen = 740101 kl. 1
Slut på beregningen (incl.) = 831231 kl. 24

Meteorologiske data er fra: AALBORG

Koordinatsystem.

Der er anvendt et x,y-koordinatsystem med x-akse mod øst (90 grader) og y-akse mod nord (0 grader).
Enheden er meter. Systemet er fælles for receptorer og kilder. Origo kan fastlægges frit, fx. i skorstensfoden for den mest dominerende kilde eller som i UTM-systemet.

Receptordata.

Ruhedslængde, z0 = 0.300 m

Største terrænhældning = 13 grader

Receptorerne er beliggende med 10 graders interval i 15 koncentriske cirkler med centrum x,y: 727753., 6176879.
og radierne (m): 50. 75. 100. 125. 150.
175. 200. 250. 300. 350.
400. 450. 500. 600. 700.

Terrænhøjder er ikke alle ens.

Alle receptorhøjder = 18.0 m.

Alle overflader er typenr. = 2 (Har kun betydning ved VVM-deposition)

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Side 2

Terrænhøjder [m]

Retning (grader)	Afstand (m)																
	50	75	100	125	150	175	200	250	300	350	400	450	500	600	700		
0	2.6	2.2	2.6	2.7	2.6	2.8	2.8	2.6	2.5	2.2	1.9	1.7	0.0	0.0	2.7		
10	2.7	2.5	2.3	2.3	2.7	2.8	2.7	2.6	2.7	2.6	2.1	2.0	2.9	0.0	0.0		
20	2.8	2.5	2.2	2.7	2.4	2.5	2.4	2.7	2.6	2.7	2.6	2.6	2.5	1.8	0.0		
30	2.9	2.5	2.3	2.4	2.3	2.3	2.5	2.5	2.3	2.0	2.5	2.6	2.5	2.8	0.0		
40	2.4	2.3	2.4	2.1	2.1	2.4	2.3	2.5	2.4	2.6	2.6	2.5	2.7	3.0	3.0		
50	3.0	2.3	2.5	1.5	2.2	2.4	2.4	2.4	2.7	2.4	2.3	1.7	2.0	2.8	2.7		
60	2.9	2.2	2.6	2.6	2.2	2.5	2.4	2.4	2.3	1.9	0.9	2.9	2.8	2.8			
70	2.9	2.4	2.3	2.3	2.3	2.4	2.4	2.3	2.3	0.0	0.0	0.0	0.0	0.0	0.0		
80	3.1	2.3	2.3	2.3	2.4	2.3	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
90	3.1	2.5	2.2	2.3	2.4	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	1.9		
100	3.1	2.7	2.3	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.4	2.7	2.3		
110	3.2	3.0	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	2.6	1.9	2.8		
120	3.0	3.1	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	2.1	2.3	2.1	2.4		
130	2.3	2.7	2.7	3.1	1.1	0.0	0.0	0.0	0.0	2.6	3.5	3.3	2.6	2.1	2.1		
140	2.2	2.7	2.4	0.0	0.0	0.0	1.3	0.0	4.3	0.4	4.7	2.6	2.7	2.7	2.4		
150	2.1	2.6	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.3	6.8	2.4	2.4	2.7		
160	2.2	2.5	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.5	2.3	1.2	0.0		
170	2.1	2.4	2.4	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
180	2.1	2.2	2.2	2.5	2.3	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	2.3		
190	2.0	2.2	2.2	2.3	2.5	2.3	2.3	0.0	1.6	0.0	0.0	0.0	2.9	2.3	2.0		
200	2.0	2.1	2.2	2.3	2.5	2.4	1.9	2.5	2.5	2.5	3.0	2.7	2.8	2.5	2.6		
210	2.0	2.2	2.2	2.3	2.3	2.4	2.3	2.4	2.3	2.3	2.5	2.8	2.7	2.9	2.1		
220	2.0	2.1	2.2	2.3	2.5	2.7	2.8	2.6	2.7	2.6	2.7	2.9	2.7	2.6	4.1		
230	2.1	2.1	2.2	2.4	2.4	2.9	3.0	3.3	3.4	5.4	3.8	4.3	3.2	2.4	0.9		
240	2.1	2.1	2.3	2.3	2.4	2.7	3.0	3.3	3.1	3.1	3.8	6.0	2.8	2.1	1.6		
250	2.0	2.2	2.2	2.3	2.8	2.9	2.9	3.3	2.8	3.2	5.4	2.4	5.6	0.0	0.0		
260	2.1	2.2	2.1	2.2	2.3	2.7	2.6	2.9	4.7	2.4	2.5	10.8	4.0	2.0	0.0		
270	2.1	2.1	2.3	2.6	2.7	2.9	2.9	3.0	5.5	2.3	2.8	14.6	6.0	2.6	0.0		
280	2.1	2.1	3.7	2.7	2.7	4.5	5.3	3.2	2.5	2.6	2.2	11.8	6.2	3.1	0.4		
290	2.2	2.3	4.0	2.8	2.2	2.1	4.0	2.8	3.3	3.1	2.3	3.8	6.0	3.2	3.3		
300	2.2	2.2	7.0	2.9	3.0	3.2	3.2	2.4	2.9	3.0	3.5	3.5	4.1	2.9	0.0		
310	2.1	2.2	2.5	2.9	3.0	3.1	2.9	3.6	3.6	3.5	3.1	0.0	0.0	0.9	0.0		
320	2.1	2.6	3.1	3.9	2.9	2.9	3.0	2.4	3.3	3.1	2.5	0.0	0.0	0.0	2.4		
330	2.2	2.8	2.9	3.1	3.4	3.1	4.2	2.4	2.9	2.5	0.0	0.0	0.0	0.0	3.8		
340	2.3	2.4	3.0	3.2	3.1	3.1	3.1	3.1	2.7	3.4	0.0	0.0	0.0	0.0	2.6		
350	2.3	2.2	3.3	2.9	2.3	2.3	2.8	2.9	2.3	1.9	1.7	1.8	0.0	3.2	2.0		

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Side 3

Forkortelser benyttet for kildeparametrene:

Nr.....: Internt kildenummer
ID.....: Tekst til identificering af kilde
X.....: X-koordinat for kilde [m]
Y.....: Y-koordinat for kilde [m]
Z.....: Terrænkote for skorstensfod [m]
HS.....: Skorstenshøjde over terræn [m]
T.....: Temperatur af røggas [Kelvin]/[Celsius]
VOL.....: Volumenmængde af røggas [normal m3/sek]
DSO.....: Ydre diameter af skorstenstop [m]
DSI.....: Indre diameter af skorstenstop [m]
HB.....: Generel beregningsmæssig bygningshøjde [m]
Qi.....: Emission af stof nr. 'i' [gram/sek], [MLE/sek] eller [MOU/sek]

Punktkilder.

Kildedata:

Nr	ID	X	Y	Z	HS	T(C)	VOL	DSI	DSO	HB	Q1	Q2	Q3
1	1	727753.	6176879.	2.1	35.0	18.	26.00	1.60	2.00	15.0	0.1180	0.0000	0.0000

Tidsvariationer i emissionen fra punktkilder.

Emissionerne fra de enkelte punktkilder er konstant.

Afledte kildeparametre:

Kilde nr.	Vertikal røggashastighed m/s	Buoyancy flux (termisk løft) (omtrentlig) m4/s3
1	13.8	2.4

Der er ingen retningsafhængige bygningsdata.

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Side til advarsler.

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Lugt Periode: 740101-831231

De 4. største månedlige 99%-fraktiler (µg/m3)

Retning (grader)	Afstand (m)															
	50	75	100	125	150	175	200	250	300	350	400	450	500	600	700	
0	2.2	3.1	5.1	5.6	5.3	4.9	4.5	3.8	3.2	2.8	2.5	2.2	2.0	1.6	1.4	
10	2.3	4.1	5.2	5.5	5.5	5.2	4.9	4.1	3.5	3.0	2.7	2.4	2.2	1.8	1.5	
20	2.4	4.4	5.0	5.6	5.3	5.0	4.7	4.0	3.4	3.0	2.7	2.4	2.1	1.8	1.5	
30	2.4	4.6	5.7	5.8	5.5	5.0	4.8	4.1	3.5	3.0	2.7	2.5	2.2	1.8	1.5	
40	2.6	4.3	5.6	5.5	5.3	5.0	4.6	3.9	3.5	3.1	2.7	2.4	2.2	1.8	1.5	
50	4.5	5.5	6.0	5.8	5.6	5.3	4.8	4.2	3.6	3.1	2.8	2.5	2.2	1.9	1.6	
60	4.9	5.5	6.3	6.1	5.6	5.4	4.9	4.1	3.6	3.1	2.7	2.5	2.3	1.9	1.6	
70	4.5	5.6	6.0	6.0	5.7	5.4	5.0	4.2	3.6	3.2	2.8	2.5	2.3	1.9	1.6	
80	4.0	4.9	5.7	5.9	5.7	5.4	5.0	4.3	3.7	3.2	2.8	2.5	2.3	1.9	1.6	
90	4.7	5.2	5.8	5.9	5.7	5.2	4.9	4.3	3.6	3.2	2.8	2.5	2.3	1.9	1.6	
100	5.4	5.5	5.9	5.9	5.5	5.1	4.8	4.1	3.4	3.0	2.7	2.4	2.2	1.8	1.5	
110	5.4	6.1	6.0	5.3	5.2	4.9	4.6	3.9	3.4	2.9	2.6	2.3	2.1	1.8	1.5	
120	3.2	5.1	5.5	4.9	4.9	4.4	4.1	3.5	3.1	2.9	2.6	2.3	2.1	1.8	1.5	
130	1.9	3.8	4.8	5.1	4.6	4.0	3.9	3.3	3.0	2.7	2.4	2.1	1.9	1.5	1.3	
140	1.9	3.0	3.6	3.8	4.0	3.8	3.7	3.2	3.0	2.5	2.3	1.9	1.7	1.4	1.1	
150	1.8	2.3	3.0	3.4	3.4	3.4	3.1	2.8	2.4	2.1	1.9	1.7	1.4	1.2	1.0	
160	1.9	2.2	2.8	3.1	3.2	3.2	3.1	2.7	2.3	2.0	1.7	1.6	1.5	1.2	1.0	
170	2.0	2.2	2.7	3.2	3.2	3.0	2.9	2.7	2.3	2.0	1.7	1.6	1.5	1.3	1.1	
180	2.1	2.3	2.8	3.5	3.5	3.4	3.2	2.8	2.5	2.2	1.9	1.8	1.7	1.4	1.2	
190	2.0	2.3	3.2	3.5	3.5	3.3	3.3	2.9	2.7	2.4	2.1	1.9	1.8	1.5	1.2	
200	2.0	2.2	3.2	3.6	3.7	3.5	3.2	3.1	2.8	2.5	2.2	2.0	1.8	1.6	1.3	
210	2.0	2.4	3.2	3.7	3.8	4.0	3.6	3.2	2.9	2.6	2.4	2.2	1.9	1.5	1.2	
220	2.1	2.3	3.5	3.9	4.0	4.1	3.9	3.4	3.0	2.5	2.3	2.0	1.8	1.5	1.3	
230	2.1	2.6	3.7	4.1	4.7	4.7	4.3	3.7	3.2	2.9	2.5	2.3	2.0	1.6	1.4	

240	2.0	2.4	3.7	4.0	4.3	4.5	4.4	3.8	3.3	2.8	2.6	2.4	2.0	1.7	1.4
250	2.0	2.6	4.0	5.0	5.5	5.0	4.5	3.9	3.3	2.9	2.7	2.3	2.2	1.7	1.4
260	2.2	3.2	4.2	4.8	5.0	5.0	4.7	4.1	3.7	3.0	2.6	2.7	2.3	1.8	1.5
270	2.1	3.3	4.3	4.8	4.8	4.7	4.3	3.8	3.5	2.8	2.5	2.6	2.2	1.7	1.4
280	2.1	3.6	5.7	5.5	5.4	5.6	5.1	4.0	3.4	2.9	2.6	2.7	2.2	1.9	1.5
290	2.6	4.8	6.8	6.1	5.3	5.0	5.1	4.0	3.6	3.1	2.7	2.4	2.3	1.8	1.5
300	2.7	4.5	8.4	6.1	5.8	5.5	5.0	4.0	3.7	3.2	2.9	2.5	2.3	1.9	1.5
310	2.2	4.4	5.6	6.0	5.7	5.3	4.8	4.2	3.7	3.2	2.8	2.4	2.1	1.8	1.5
320	2.0	3.8	5.3	6.2	5.4	5.0	4.7	3.8	3.4	3.0	2.6	2.3	2.1	1.7	1.5
330	2.1	4.3	5.3	5.5	5.4	5.0	5.0	3.8	3.4	2.9	2.5	2.2	2.0	1.7	1.4
340	2.0	3.2	5.1	5.8	5.2	4.9	4.5	3.8	3.2	2.9	2.5	2.3	2.0	1.7	1.4
350	2.0	3.2	5.2	5.4	5.3	4.9	4.6	4.0	3.3	2.9	2.6	2.3	2.1	1.8	1.5

Maksimum= 8.43 i afstand 100 m og retning 300 grader i 197610 (yyyymm)

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Lugt Periode: 740101-831231

De største månedlige 99%-fraktiler (µg/m3)

Retning (grader)	Afstand (m)														
	50	75	100	125	150	175	200	250	300	350	400	450	500	600	700
0	3.1	4.9	6.1	6.1	5.8	5.3	4.8	4.0	3.4	2.9	2.6	2.3	2.1	1.8	1.6
10	2.9	4.9	5.6	5.6	5.6	5.5	5.0	4.3	3.8	3.3	2.9	2.5	2.3	1.9	1.6
20	3.6	5.2	5.6	6.2	5.7	5.3	4.9	4.3	3.6	3.2	2.8	2.5	2.2	1.9	1.6
30	4.0	5.4	5.9	6.0	5.7	5.3	4.9	4.3	3.6	3.1	2.8	2.5	2.3	1.9	1.6
40	3.6	5.6	6.1	5.7	5.5	5.3	4.9	4.2	3.6	3.1	2.8	2.5	2.3	1.9	1.6
50	5.5	5.8	6.3	5.9	5.7	5.4	5.0	4.2	3.7	3.2	2.8	2.5	2.3	1.9	1.6
60	6.8	6.1	6.6	6.3	5.7	5.4	5.0	4.3	3.7	3.2	2.8	2.5	2.3	1.9	1.6
70	5.2	5.8	6.3	6.1	5.8	5.6	5.2	4.3	3.7	3.2	2.9	2.6	2.3	1.9	1.6
80	5.8	6.0	6.2	6.1	5.9	5.5	5.1	4.3	3.7	3.3	2.9	2.6	2.3	1.9	1.7
90	7.5	6.3	6.0	6.0	5.9	5.4	5.1	4.4	3.7	3.3	2.9	2.6	2.3	1.9	1.6
100	6.6	6.6	6.3	6.2	5.5	5.4	5.0	4.4	3.8	3.4	3.0	2.7	2.5	2.0	1.7
110	6.0	6.8	6.3	5.7	5.4	5.1	4.8	4.0	3.5	3.1	2.8	2.5	2.3	1.8	1.6
120	5.4	6.4	6.1	5.9	5.5	5.2	4.8	4.1	3.5	3.0	2.7	2.5	2.3	1.9	1.7
130	4.1	5.1	5.5	5.7	4.8	4.8	4.5	4.0	3.5	3.1	2.8	2.5	2.2	1.8	1.5
140	2.4	3.6	4.7	5.2	5.4	4.9	4.4	3.5	3.2	2.6	2.6	2.2	2.0	1.6	1.3
150	2.0	2.4	3.2	3.6	3.6	3.7	3.7	3.3	2.9	2.5	2.2	2.1	1.8	1.4	1.2
160	2.0	2.4	3.1	3.5	3.5	3.3	3.2	2.8	2.4	2.1	1.9	1.7	1.5	1.4	1.2
170	2.1	2.3	3.0	3.8	3.7	3.8	3.7	3.1	2.6	2.2	2.0	1.8	1.6	1.3	1.2
180	2.1	2.3	2.9	3.7	3.7	3.7	3.6	3.2	2.8	2.5	2.2	2.0	1.8	1.5	1.3
190	2.1	2.4	3.4	3.8	3.7	3.8	3.6	3.3	3.0	2.6	2.4	2.1	1.9	1.6	1.3
200	2.0	2.5	3.7	4.1	5.0	4.8	4.3	3.8	3.2	2.8	2.6	2.3	2.1	1.7	1.4
210	2.1	4.1	5.4	5.4	5.1	5.1	4.7	3.9	3.4	3.0	2.7	2.4	2.1	1.8	1.5
220	2.1	3.3	4.7	5.1	5.5	5.4	4.9	4.1	3.5	3.0	2.6	2.3	2.1	1.7	1.5
230	2.1	3.0	4.4	5.3	5.4	5.1	4.6	3.9	3.5	3.2	2.8	2.5	2.2	1.8	1.5
240	2.1	2.8	4.8	5.4	5.5	5.4	5.0	4.4	3.7	3.2	2.9	2.7	2.3	1.8	1.5
250	2.1	3.6	5.1	5.5	5.8	5.5	4.9	4.3	3.7	3.3	3.0	2.5	2.4	1.8	1.5
260	4.8	5.8	5.6	5.1	5.3	5.4	5.1	4.4	4.0	3.2	2.9	2.9	2.4	1.8	1.5
270	4.3	5.5	5.7	5.3	5.4	5.5	5.2	4.4	4.0	3.2	2.8	2.9	2.4	1.8	1.5
280	2.4	3.7	6.6	5.9	5.7	6.0	5.9	4.5	3.8	3.3	2.9	2.9	2.5	2.0	1.6
290	4.6	6.1	7.3	6.2	5.6	5.4	5.6	4.4	3.8	3.3	2.8	2.6	2.4	1.9	1.7
300	4.6	5.9	9.2	6.5	6.1	5.8	5.4	4.3	3.7	3.4	3.1	2.9	2.7	2.3	2.0
310	3.8	5.5	6.3	6.2	5.8	5.4	5.0	4.4	3.8	3.6	3.3	3.0	2.8	2.5	2.1
320	2.9	5.9	6.2	6.3	5.6	5.3	4.9	4.0	3.7	3.4	3.1	2.9	2.7	2.3	2.0
330	2.5	5.3	6.2	6.2	5.8	5.5	5.3	4.1	3.6	3.1	2.7	2.4	2.2	1.8	1.5
340	2.1	4.1	6.3	6.2	5.6	5.1	4.9	4.1	3.4	3.0	2.6	2.3	2.1	1.7	1.5
350	3.0	5.0	6.9	6.1	5.5	5.2	4.9	4.1	3.5	3.0	2.7	2.4	2.2	1.9	1.5

Maksimum= 9.23 i afstand 100 m og retning 300 grader i 198210 (yyyymm)

Dato: 2026/03/25 OML-Multi PC-version 20240314/7.10 Side 7
DCE - Nationalt Center for Miljø og Energi, Aarhus Universitet

Lugt Periode: 740101-831231

Middelværdier (µg/m3)

Retning (grader)	Afstand (m)														
	50	75	100	125	150	175	200	250	300	350	400	450	500	600	700
0	4.05E-02	5.64E-02	8.50E-02	1.02E-01	1.07E-01	1.08E-01	1.05E-01	9.35E-02	8.35E-02	7.42E-02	6.70E-02	6.13E-02	5.63E-02	4.81E-02	4.25E-02
10	4.72E-02	7.09E-02	9.76E-02	1.17E-01	1.31E-01	1.31E-01	1.25E-01	1.12E-01	1.00E-01	8.96E-02	7.92E-02	7.21E-02	6.83E-02	5.62E-02	4.84E-02

20 5.37E-02 8.13E-02 1.10E-01 1.42E-01 1.45E-01 1.46E-01 1.40E-01 1.28E-01 1.14E-01 1.02E-01 9.20E-02 8.36E-02 7.61E-02 6.35E-02 5.46E-02
30 5.74E-02 8.80E-02 1.24E-01 1.52E-01 1.60E-01 1.60E-01 1.57E-01 1.41E-01 1.24E-01 1.10E-01 1.01E-01 9.18E-02 8.35E-02 7.12E-02 5.95E-02
40 5.40E-02 9.32E-02 1.41E-01 1.61E-01 1.72E-01 1.76E-01 1.68E-01 1.51E-01 1.33E-01 1.19E-01 1.07E-01 9.65E-02 8.84E-02 7.48E-02 6.37E-02
50 7.23E-02 1.20E-01 1.87E-01 2.09E-01 2.22E-01 2.21E-01 2.10E-01 1.85E-01 1.64E-01 1.43E-01 1.27E-01 1.13E-01 1.02E-01 8.68E-02 7.30E-02
60 8.12E-02 1.41E-01 2.30E-01 2.67E-01 2.64E-01 2.63E-01 2.46E-01 2.14E-01 1.86E-01 1.63E-01 1.44E-01 1.29E-01 1.19E-01 9.80E-02 8.21E-02
70 7.87E-02 1.45E-01 2.19E-01 2.61E-01 2.71E-01 2.67E-01 2.53E-01 2.19E-01 1.91E-01 1.67E-01 1.49E-01 1.34E-01 1.21E-01 1.00E-01 8.44E-02
80 7.79E-02 1.31E-01 2.05E-01 2.48E-01 2.64E-01 2.58E-01 2.44E-01 2.14E-01 1.88E-01 1.67E-01 1.49E-01 1.34E-01 1.22E-01 1.02E-01 8.60E-02
90 8.37E-02 1.39E-01 1.95E-01 2.34E-01 2.46E-01 2.34E-01 2.23E-01 1.97E-01 1.73E-01 1.53E-01 1.37E-01 1.24E-01 1.13E-01 9.42E-02 8.00E-02
100 8.98E-02 1.54E-01 2.03E-01 2.35E-01 2.31E-01 2.23E-01 2.10E-01 1.83E-01 1.59E-01 1.41E-01 1.26E-01 1.13E-01 1.04E-01 8.70E-02 7.27E-02
110 7.93E-02 1.36E-01 1.72E-01 1.84E-01 1.87E-01 1.80E-01 1.70E-01 1.47E-01 1.29E-01 1.14E-01 1.01E-01 9.13E-02 8.43E-02 6.89E-02 5.98E-02
120 5.83E-02 1.01E-01 1.26E-01 1.33E-01 1.35E-01 1.31E-01 1.24E-01 1.09E-01 9.60E-02 8.52E-02 7.64E-02 6.90E-02 6.32E-02 5.27E-02 4.55E-02
130 4.07E-02 6.93E-02 9.27E-02 1.08E-01 9.93E-02 9.69E-02 9.23E-02 8.20E-02 7.26E-02 6.63E-02 6.18E-02 5.54E-02 4.92E-02 4.07E-02 3.51E-02
140 3.59E-02 5.57E-02 6.85E-02 7.36E-02 7.56E-02 7.41E-02 7.11E-02 6.38E-02 6.33E-02 5.10E-02 5.14E-02 4.29E-02 3.94E-02 3.36E-02 2.87E-02
150 3.44E-02 4.82E-02 5.61E-02 6.00E-02 6.13E-02 6.03E-02 5.81E-02 5.26E-02 4.73E-02 4.27E-02 3.93E-02 4.28E-02 3.32E-02 2.85E-02 2.53E-02
160 3.59E-02 4.56E-02 5.14E-02 5.38E-02 5.44E-02 5.33E-02 5.14E-02 4.67E-02 4.22E-02 3.83E-02 3.50E-02 3.29E-02 3.01E-02 2.58E-02 2.28E-02
170 3.76E-02 4.64E-02 5.26E-02 5.57E-02 5.42E-02 5.30E-02 5.10E-02 4.63E-02 4.19E-02 3.81E-02 3.49E-02 3.22E-02 2.98E-02 2.60E-02 2.30E-02
180 4.07E-02 4.83E-02 5.46E-02 6.01E-02 5.91E-02 5.66E-02 5.45E-02 4.95E-02 4.48E-02 4.07E-02 3.73E-02 3.43E-02 3.18E-02 2.77E-02 2.48E-02
190 4.38E-02 5.19E-02 5.83E-02 6.25E-02 6.42E-02 6.15E-02 5.91E-02 5.27E-02 4.77E-02 4.33E-02 3.97E-02 3.65E-02 3.54E-02 2.98E-02 2.61E-02
200 4.66E-02 5.44E-02 6.19E-02 6.65E-02 6.85E-02 6.63E-02 6.21E-02 5.83E-02 5.27E-02 4.79E-02 4.50E-02 4.08E-02 3.80E-02 3.26E-02 2.89E-02
210 4.88E-02 5.85E-02 6.64E-02 7.19E-02 7.30E-02 7.23E-02 6.91E-02 6.35E-02 5.72E-02 5.21E-02 4.82E-02 4.52E-02 4.16E-02 3.65E-02 3.10E-02
220 5.00E-02 6.01E-02 7.05E-02 7.71E-02 8.01E-02 8.00E-02 7.76E-02 6.95E-02 6.33E-02 5.72E-02 5.26E-02 4.88E-02 4.47E-02 3.86E-02 3.62E-02
230 5.05E-02 6.22E-02 7.57E-02 8.61E-02 8.88E-02 9.18E-02 8.92E-02 8.24E-02 7.46E-02 7.36E-02 6.26E-02 5.86E-02 5.16E-02 4.30E-02 3.72E-02
240 5.01E-02 6.26E-02 8.00E-02 9.07E-02 9.61E-02 9.85E-02 9.77E-02 9.05E-02 8.07E-02 7.32E-02 6.90E-02 6.84E-02 5.59E-02 4.67E-02 4.09E-02
250 4.97E-02 6.56E-02 8.38E-02 9.82E-02 1.09E-01 1.10E-01 1.07E-01 9.96E-02 8.74E-02 8.09E-02 8.04E-02 6.52E-02 6.79E-02 5.12E-02 4.47E-02
260 5.00E-02 6.73E-02 8.51E-02 9.95E-02 1.06E-01 1.10E-01 1.06E-01 9.81E-02 9.63E-02 7.81E-02 7.16E-02 6.37E-02 6.43E-02 5.11E-02 4.46E-02
270 4.99E-02 7.07E-02 9.61E-02 1.14E-01 1.18E-01 1.18E-01 1.13E-01 1.02E-01 1.01E-01 7.90E-02 7.34E-02 6.88E-02 6.86E-02 5.22E-02 4.44E-02
280 5.00E-02 7.97E-02 1.37E-01 1.36E-01 1.39E-01 1.52E-01 1.49E-01 1.18E-01 1.01E-01 9.05E-02 8.02E-02 9.30E-02 7.58E-02 5.84E-02 4.85E-02
290 5.39E-02 9.76E-02 1.75E-01 1.70E-01 1.63E-01 1.58E-01 1.70E-01 1.39E-01 1.25E-01 1.10E-01 9.59E-02 9.13E-02 8.78E-02 6.83E-02 5.83E-02
300 5.32E-02 9.71E-02 2.33E-01 1.76E-01 1.80E-01 1.76E-01 1.66E-01 1.39E-01 1.26E-01 1.12E-01 1.03E-01 9.25E-02 8.55E-02 6.92E-02 5.76E-02
310 4.29E-02 7.61E-02 1.14E-01 1.38E-01 1.43E-01 1.40E-01 1.32E-01 1.21E-01 1.07E-01 9.48E-02 8.42E-02 7.37E-02 6.74E-02 5.72E-02 4.92E-02
320 3.56E-02 6.35E-02 9.57E-02 1.20E-01 1.13E-01 1.12E-01 1.08E-01 9.37E-02 8.78E-02 7.83E-02 6.93E-02 6.22E-02 5.72E-02 4.89E-02 4.28E-02
330 3.30E-02 5.73E-02 8.08E-02 9.71E-02 1.05E-01 1.01E-01 1.05E-01 8.51E-02 7.87E-02 6.98E-02 6.24E-02 5.72E-02 5.27E-02 4.51E-02 4.14E-02
340 3.29E-02 5.15E-02 8.00E-02 9.66E-02 1.01E-01 1.00E-01 9.72E-02 8.80E-02 7.75E-02 7.22E-02 6.20E-02 5.68E-02 5.23E-02 4.48E-02 3.96E-02
350 3.44E-02 5.13E-02 8.65E-02 9.68E-02 9.67E-02 9.78E-02 9.93E-02 9.08E-02 7.92E-02 7.09E-02 6.46E-02 5.91E-02 5.44E-02 4.84E-02 4.03E-02

Maksimum= 2.71E-01 i afstand 150 m og retning 70 grader.

Dato: 2026/03/25 OML-Multi PC-version 20240314/7.10 Side 8
DCE - Nationalt Center for Miljø og Energi, Aarhus Universitet

Lugt Periode: 740101-831231

Maksimalt timeværdier (µg/m3)

Retning (grader)	Afstand (m)														
	50	75	100	125	150	175	200	250	300	350	400	450	500	600	700
0	6.8	6.2	6.6	6.8	7.3	7.0	6.3	5.0	4.5	4.1	3.8	3.5	3.3	2.9	2.6
10	6.3	6.6	6.4	6.3	7.3	7.5	7.0	5.7	4.7	4.2	3.8	3.5	3.3	2.8	2.5
20	6.1	6.6	6.3	6.5	6.4	6.5	6.0	5.0	4.6	5.1	5.2	5.2	5.0	4.4	3.9
30	6.1	6.5	6.4	6.4	5.9	5.7	5.7	4.9	5.4	6.1	6.5	6.6	6.4	5.9	5.1
40	6.0	6.4	6.5	6.2	6.0	5.8	5.6	4.9	4.5	4.9	5.0	4.9	4.8	4.3	3.7
50	7.4	6.4	6.6	6.1	6.0	5.9	5.8	5.2	5.6	5.8	5.7	5.4	5.0	4.3	3.8
60	7.6	6.3	6.7	6.5	5.9	5.9	5.7	5.4	6.4	6.7	6.6	6.3	5.9	5.2	4.5
70	7.6	6.5	6.4	6.3	6.0	6.0	5.7	5.3	4.8	4.4	4.0	3.7	3.5	3.1	3.1
80	7.7	6.4	6.4	6.3	6.2	5.8	5.6	5.2	4.9	4.3	3.9	3.6	3.3	2.9	2.6
90	7.8	6.6	6.4	6.3	6.0	7.0	7.6	7.5	7.0	6.4	5.9	5.3	4.8	4.0	3.3
100	7.7	6.8	6.4	6.4	5.9	5.8	5.8	5.3	4.7	4.4	4.1	3.8	3.5	3.1	2.7
110	7.9	7.1	6.6	6.2	5.9	5.8	5.7	5.1	4.7	4.3	4.0	3.7	3.4	3.0	2.6
120	7.4	7.2	6.7	6.4	6.2	6.5	6.6	5.7	5.3	4.7	4.0	3.8	3.7	3.5	3.1
130	5.5	6.8	6.8	6.9	6.4	6.3	6.3	5.5	4.6	4.3	4.0	3.8	3.6	3.3	3.0
140	4.1	6.1	6.0	6.1	5.9	5.4	5.3	5.0	4.9	4.3	4.3	3.8	3.6	3.1	2.7
150	3.3	5.3	6.2	6.5	6.9	6.4	5.7	4.7	4.4	4.0	3.7	3.6	3.2	2.8	2.5
160	3.2	5.5	6.0	6.3	6.6	6.2	5.5	4.9	4.5	4.4	4.3	4.1	3.9	3.4	3.5
170	3.5	5.6	6.0	6.0	5.6	5.6	5.3	5.8	6.0	5.9	5.5	5.1	4.7	4.0	3.5
180	3.9	5.9	5.3	6.0	6.8	7.1	6.8	6.5	6.8	6.7	6.3	5.9	5.4	4.7	4.1
190	3.9	5.9	5.6	6.1	6.6	6.9	6.6	5.4	4.5	4.3	4.0	3.6	3.8	4.0	3.9
200	3.6	5.4	6.0	6.1	6.0	6.7	6.7	6.5	5.9	5.3	4.8	4.3	3.9	3.2	2.9
210	4.1	5.8	6.3	6.1	5.9	5.8	5.4	4.8	4.3	4.0	3.8	3.5	3.4	3.2	2.8
220	3.6	5.8	6.0	6.2	5.9	5.7	5.4	5.1	4.8	4.2	4.4	4.6	4.6	4.4	4.1
230	3.5	6.2	6.4	6.3	6.4	6.6	6.2	5.2	4.4	4.1	4.3	4.5	4.4	4.1	3.7
240	3.1	5.9	6.2	6.2	7.4	7.6	7.3	6.2	5.2	4.6	4.1	3.7	3.4	3.0	2.9
250	2.6	5.2	6.1	6.2	6.7	6.9	6.5	5.5	4.9	4.8	4.6	4.2	4.3	4.0	3.8
260	5.8	6.2	6.1	6.7	8.0	8.3	7.9	6.9	6.8	6.7	6.5	7.2	6.2	5.4	4.8
270	4.9	6.0	6.2	6.4	7.4	7.9	8.3	8.0	7.4	6.7	6.1	5.5	5.1	4.4	3.8
280	5.2	6.1	7.5	7.1	6.8	7.4	7.3	6.4	6.3	6.7	6.8	7.9	7.1	6.0	5.2
290	6.0	6.4	7.7	6.7	7.2	7.7	7.8	7.3	7.5	7.8	7.9	8.3	8.4	7.4	6.5
300	6.2	6.2	9.6	7.2	7.2	6.6	6.1	7.0	7.1	6.8	6.9	6.6	6.4	5.5	4.7
310	6.3	6.2	6.6	7.0	7.1	6.4	5.6	6.5	7.3	7.4	7.3	6.9	6.6	5.9	5.1
320	5.0	6.6	7.1	7.3	6.4	6.1	6.2	5.7	5.7	5.7	5.5	5.2	5.1	4.9	4.5
330	4.3	6.7	6.9	6.7	6.6	6.2	6.3	5.5	5.3	5.0	5.1	5.3	5.3	4.9	4.9
340	5.2	6.4	7.0	6.8	6.4	6.3	5.9	4.9	4.8	6.1	6.5	7.0	7.1	7.0	6.5
350	5.2	6.2	7.2	6.6	6.9	6.5	5.9	5.1	4.3	4.2	4.2	4.1	4.0	3.7	3.1

Maksimum= 9.64 i afstand 100 m og retning 300 grader.

Dato: 2026/03/25 OML-Multi PC-version 20240314/7.10 Side 9
DCE - Nationalt Center for Miljø og Energi, Aarhus Universitet

Benyttede filer.

Følgende inputfiler er benyttet i beregningerne:

Punktkilder: Z:\Tasks\126\126-22081\Data\OML filer\zoomed grid\sweeps\sweep\run_003\ARC_GRID_ZOOM_run_003.kld
Meteorologi.....: C:\OML_Data\Aal7483\ST.met
Receptorer.....: Z:\Tasks\126\126-22081\Data\OML filer\zoomed grid\sweeps\sweep\run_003\ARC_GRID_ZOOM_run_003.rct
Beregningsopsætning.....: Z:\Tasks\126\126-22081\Data\OML filer\zoomed grid\ARC_GRID_ZOOM.opt

Følgende outputfil er benyttet:

Resultater: Z:\Tasks\126\126-22081\Data\OML filer\zoomed grid\sweeps\sweep\run_003\ARC_GRID_ZOOM_run_003.log

Receptorhøjde: 25 meter

Dato: 2026/03/25 OML-Multi PC-version 20240314/7.10 Side 1
DCE - Nationalt Center for Miljø og Energi, Aarhus Universitet

Meteorologiske spredningsberegninger er udført for følgende periode (lokal standard tid):

Start af beregningen = 740101 kl. 1
Slut på beregningen (incl.) = 831231 kl. 24

Meteorologiske data er fra: AALBORG

Koordinatsystem.

Der er anvendt et x,y-koordinatsystem med x-akse mod øst (90 grader) og y-akse mod nord (0 grader).
Enheden er meter. Systemet er fælles for receptorer og kilder. Origo kan fastlægges frit, fx. i skorstensfoden for den mest dominerende kilde eller som i UTM-systemet.

Receptordata.

Ruhedslængde, z0 = 0.300 m

Største terrænhældning = 12 grader

Receptorerne er beliggende med 10 graders interval i 15 koncentriske cirkler med centrum x,y: 727753., 6176879.
og radierne (m): 50. 75. 100. 150. 200.

300. 400. 500. 600. 700.
800. 1000. 1500. 2000. 2500.

Terrænhøjder er ikke alle ens.

Alle receptorhøjder = 25.0 m.

Alle overflader er typenr. = 2 (Har kun betydning ved VVM-deposition)

Dato: 2026/03/25 OML-Multi PC-version 20240314/7.10 Side 2
DCE - Nationalt Center for Miljø og Energi, Aarhus Universitet

Terrænhøjder [m]

Retning (grader)	Afstand (m)															
	50	75	100	150	200	300	400	500	600	700	800	1000	1500	2000	2500	
0	2.6	2.2	2.6	2.6	2.8	2.3	2.0	0.0	0.0	2.0	0.3	2.4	2.6	0.0	0.0	
10	2.7	2.3	2.3	3.0	2.7	2.7	1.9	1.9	0.0	0.0	2.7	2.7	0.8	0.0	0.0	
20	2.8	2.5	2.2	2.4	2.5	2.7	2.7	0.0	1.9	0.0	0.0	0.1	0.1	0.0	0.0	
30	2.9	2.4	2.3	2.4	2.5	2.1	2.6	2.6	0.0	0.0	0.0	0.1	0.0	0.0	0.0	
40	2.9	2.3	2.4	2.3	2.4	2.5	2.7	2.8	2.9	2.7	2.6	0.0	0.0	0.0	0.0	
50	3.0	2.3	2.1	2.3	2.3	2.4	2.3	2.8	2.8	3.0	2.9	0.0	0.0	0.0	0.0	
60	3.0	2.2	2.6	2.2	2.5	2.5	1.8	0.6	2.8	2.7	2.7	0.0	0.0	0.0	0.0	
70	2.9	2.3	2.2	2.3	2.6	2.4	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
80	3.1	2.2	2.3	2.4	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
90	3.1	2.5	2.2	2.4	2.3	0.0	0.0	0.0	0.0	2.1	2.2	0.0	0.0	0.0	0.0	

100	3.1	2.7	2.4	0.0	0.0	0.0	0.0	1.2	2.3	2.5	2.2	0.0	0.0	0.0	0.0
110	3.2	2.8	2.3	0.0	0.0	0.0	0.0	2.3	2.5	2.5	2.3	2.3	0.0	0.0	0.0
120	3.2	3.0	2.6	0.0	0.0	0.0	0.0	2.4	2.2	2.3	2.5	3.0	0.0	4.9	0.0
130	2.3	2.7	2.8	0.0	0.0	0.0	3.5	2.3	2.7	2.5	2.3	0.0	2.4	0.0	0.0
140	2.2	2.7	2.5	3.6	4.7	0.0	2.9	5.5	2.1	2.6	4.5	2.4	2.5	0.0	0.0
150	2.1	2.4	2.2	0.0	0.0	0.0	2.9	2.7	4.4	2.1	2.7	2.4	2.6	1.4	0.0
160	2.2	2.5	2.4	0.0	0.0	0.0	1.2	3.2	3.0	3.0	2.1	0.0	0.0	0.8	0.0
170	2.1	2.4	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.2	1.3	1.9
180	2.1	2.5	2.0	2.3	0.0	0.0	0.0	0.0	2.8	8.1	3.4	1.9	3.1	2.1	
190	2.1	2.2	2.2	2.5	2.4	0.0	0.0	2.7	3.5	2.1	2.9	1.6	0.9	1.8	2.1
200	2.0	2.1	2.2	2.3	2.5	0.1	0.0	0.0	2.5	2.4	2.0	2.1	1.1	1.9	2.7
210	2.0	2.2	2.1	2.3	2.5	2.3	2.8	2.5	4.8	7.3	4.2	5.0	1.1	2.6	2.0
220	2.0	2.1	2.2	2.5	2.8	2.5	2.6	2.9	2.3	4.0	4.5	0.6	0.6	1.3	2.0
230	2.1	2.1	2.2	2.4	3.0	3.0	3.1	3.3	3.2	0.8	0.6	2.8	0.0	1.8	5.7
240	2.1	2.1	2.2	2.4	3.0	3.4	3.8	2.7	2.1	1.1	0.0	0.3	2.2	1.4	1.8
250	2.0	2.2	2.2	3.0	2.9	3.3	8.3	3.3	2.2	0.0	1.7	0.0	1.8	0.0	2.0
260	2.1	2.2	2.1	2.3	2.6	2.6	2.6	3.6	0.0	0.0	1.0	1.7	3.1	2.2	4.6
270	2.1	2.1	2.2	2.6	2.8	2.8	1.9	6.3	2.3	0.2	1.9	2.5	0.0	3.0	4.3
280	2.1	2.1	3.5	2.8	4.0	2.4	2.0	6.0	2.6	0.0	0.0	2.6	0.0	2.8	6.1
290	2.2	2.3	4.0	1.6	6.3	3.2	2.6	5.7	3.1	2.9	0.0	0.9	0.0	9.6	3.0
300	2.2	2.2	2.7	3.0	2.7	3.1	3.5	3.9	3.0	0.0	2.7	0.0	0.0	0.4	5.8
310	2.1	2.2	7.7	3.0	3.1	3.1	3.2	3.0	0.0	0.0	2.4	2.6	0.0	0.0	2.4
320	2.1	2.2	2.7	2.9	3.0	3.5	2.6	0.0	0.0	2.6	1.9	2.3	0.0	0.0	0.0
330	2.2	2.9	2.8	3.0	2.7	2.9	0.0	0.0	0.0	2.1	2.1	5.6	0.0	0.0	0.0
340	2.1	2.7	2.9	3.1	3.0	2.6	0.0	0.0	0.0	2.5	2.7	1.9	2.7	0.0	0.0
350	2.3	2.2	3.3	3.0	2.6	2.5	3.9	5.6	0.0	6.6	2.3	4.7	2.5	0.0	0.0

Dato: 2026/03/25 OML-Multi PC-version 20240314/7.10 Side 3
DCE - Nationalt Center for Miljø og Energi, Aarhus Universitet

Forkortelser benyttet for kildeparametrene:

Nr.....: Internt kildenummer
ID.....: Tekst til identificering af kilde
X.....: X-koordinat for kilde [m]
Y.....: Y-koordinat for kilde [m]
Z.....: Terrænkote for skorstensfod [m]
HS.....: Skorstenshøjde over terræn [m]
T.....: Temperatur af røggas [Kelvin]/[Celsius]
VOL.....: Volumenmængde af røggas [normal m3/sek]
DSO.....: Ydre diameter af skorstenstop [m]
DSI.....: Indre diameter af skorstenstop [m]
HB.....: Generel beregningsmæssig bygningshøjde [m]
Qi.....: Emission af stof nr. 'i' [gram/sek], [MLE/sek] eller [MOU/sek]

Punktkilder.

Kildedata:

Nr ID	X	Y	Z	HS	T(C)	VOL	DSI	DSO	HB	Q1	Q2	Q3
1 1	727753.	6176879.	2.1	35.0	18.	26.00	1.60	2.00	15.0	0.1180	0.0000	0.0000

Tidsvariationer i emissionen fra punktkilder.

Emissionerne fra de enkelte punktkilder er konstant.

Afledte kildeparametre:

Kilde nr.	Vertikal røggashastighed m/s	Buoyancy flux (termisk løft) (omtrentlig) m4/s3
1	13.8	2.4

Der er ingen retningsafhængige bygningsdata.

Dato: 2026/03/25 OML-Multi PC-version 20240314/7.10 Side 4
DCE - Nationalt Center for Miljø og Energi, Aarhus Universitet

Side til advarsler.

Dato: 2026/03/25 OML-Multi PC-version 20240314/7.10 Side 5
DCE - Nationalt Center for Miljø og Energi, Aarhus Universitet

Lugt Periode: 740101-831231

De 4. største månedlige 99%-fraktiler (µg/m3)

Retning (grader)	Afstand (m)															
	50	75	100	150	200	300	400	500	600	700	800	1000	1500	2000	2500	
0	17.2	16.4	14.3	9.4	6.7	4.0	2.7	2.1	1.7	1.4	1.2	0.9	0.6	0.5	0.4	
10	22.1	17.0	14.0	10.7	7.3	4.4	3.0	2.2	1.8	1.5	1.3	1.0	0.6	0.5	0.4	
20	21.6	17.7	14.0	9.8	7.2	4.4	3.0	2.3	1.8	1.5	1.3	1.0	0.6	0.5	0.4	
30	24.6	18.6	14.8	10.1	7.7	4.5	3.1	2.3	1.9	1.5	1.3	1.0	0.6	0.5	0.4	
40	24.0	18.1	14.5	9.8	7.3	4.5	3.1	2.3	1.9	1.5	1.3	1.0	0.7	0.5	0.4	
50	26.3	19.1	14.8	10.2	7.4	4.5	3.1	2.4	1.9	1.5	1.3	1.0	0.6	0.5	0.4	
60	28.8	19.1	15.6	10.2	7.6	4.5	3.1	2.4	1.9	1.6	1.3	1.0	0.6	0.5	0.4	
70	27.9	19.4	15.2	10.7	7.9	4.8	3.3	2.5	2.0	1.6	1.4	1.0	0.6	0.5	0.4	
80	27.3	18.8	15.1	11.0	8.0	4.8	3.3	2.5	2.0	1.7	1.4	1.1	0.7	0.5	0.4	
90	27.6	19.6	15.2	10.8	7.9	4.7	3.2	2.5	2.0	1.7	1.4	1.1	0.8	0.6	0.5	
100	28.4	20.0	15.3	10.3	7.2	4.5	3.1	2.4	1.9	1.6	1.4	1.1	0.8	0.6	0.5	
110	28.6	18.7	14.4	9.8	7.2	4.3	3.0	2.3	1.9	1.6	1.3	1.0	0.7	0.5	0.4	
120	25.4	17.4	14.0	8.8	6.5	3.8	3.0	2.2	1.8	1.5	1.3	1.0	0.7	0.5	0.4	
130	17.6	16.2	13.1	8.5	6.5	3.8	2.7	2.0	1.7	1.4	1.2	1.0	0.7	0.5	0.4	
140	12.0	12.3	10.1	8.5	6.2	3.3	2.3	2.0	1.4	1.2	1.1	0.9	0.6	0.5	0.4	
150	6.0	6.6	6.5	5.3	3.9	2.7	2.0	1.7	1.5	1.2	1.1	0.9	0.6	0.4	0.4	
160	5.8	5.8	6.3	5.3	4.0	2.8	1.9	1.6	1.4	1.2	1.0	0.8	0.6	0.5	0.4	
170	6.0	6.8	7.4	5.5	4.1	2.7	2.0	1.6	1.3	1.2	1.0	0.8	0.6	0.4	0.4	
180	6.2	8.1	8.0	6.7	5.2	3.3	2.3	1.8	1.5	1.3	1.3	0.9	0.6	0.5	0.4	
190	6.3	8.8	8.4	6.7	5.4	3.4	2.4	1.9	1.5	1.2	1.1	0.8	0.6	0.4	0.3	
200	6.2	7.4	8.5	6.9	5.4	3.5	2.7	2.1	1.7	1.4	1.2	0.9	0.5	0.4	0.4	
210	6.3	9.5	9.2	8.0	6.1	3.8	2.6	1.9	1.6	1.5	1.2	0.9	0.6	0.4	0.4	
220	6.5	9.0	9.3	8.2	6.0	3.5	2.4	1.9	1.5	1.4	1.2	0.9	0.6	0.4	0.4	
230	10.7	10.8	11.4	8.8	6.5	3.8	2.7	2.1	1.7	1.4	1.1	0.9	0.6	0.5	0.4	
240	9.7	11.5	10.9	8.9	7.0	4.1	2.8	2.1	1.7	1.4	1.2	0.9	0.6	0.5	0.4	
250	10.5	14.2	13.7	9.6	6.9	4.3	3.2	2.3	1.8	1.5	1.2	0.9	0.6	0.5	0.4	
260	13.2	14.6	13.1	10.0	7.4	4.1	3.0	2.4	1.8	1.5	1.3	1.0	0.7	0.5	0.4	
270	16.5	14.3	12.1	9.5	6.8	4.1	2.8	2.4	1.8	1.5	1.3	1.0	0.7	0.5	0.4	
280	15.8	15.5	16.3	9.8	7.5	4.2	2.8	2.4	1.9	1.6	1.4	1.0	0.7	0.5	0.4	
290	22.3	18.1	17.0	9.7	8.4	4.4	3.0	2.4	1.9	1.5	1.3	1.0	0.7	0.6	0.4	
300	21.5	17.7	15.1	10.5	7.1	4.5	3.1	2.5	1.9	1.6	1.4	1.1	0.7	0.6	0.5	
310	20.2	17.7	19.7	10.5	7.5	4.4	3.1	2.4	1.9	1.7	1.5	1.2	0.8	0.6	0.5	
320	16.7	15.3	14.2	9.9	7.0	4.3	3.0	2.2	1.8	1.5	1.2	1.0	0.7	0.5	0.4	
330	18.0	16.2	13.9	9.9	6.8	4.2	2.8	2.1	1.7	1.4	1.2	1.0	0.6	0.5	0.4	
340	14.6	17.0	14.1	9.7	6.8	4.0	2.8	2.2	1.7	1.5	1.2	0.9	0.6	0.5	0.4	
350	17.0	14.8	15.4	9.8	7.0	4.3	3.1	2.4	1.8	1.6	1.2	1.0	0.6	0.5	0.4	

Maksimum= 28.83 i afstand 50 m og retning 60 grader i 197604 (yyyymm)

Dato: 2026/03/25 OML-Multi PC-version 20240314/7.10 Side 6
DCE - Nationalt Center for Miljø og Energi, Aarhus Universitet

Lugt Periode: 740101-831231

De største månedlige 99%-fraktiler (µg/m3)

Retning (grader)	Afstand (m)															
	50	75	100	150	200	300	400	500	600	700	800	1000	1500	2000	2500	
0	24.4	17.9	15.7	9.8	7.3	4.4	3.1	2.4	1.9	1.6	1.4	1.0	0.6	0.5	0.4	
10	24.4	18.1	14.6	10.9	7.9	4.7	3.2	2.4	1.9	1.6	1.4	1.1	0.7	0.5	0.4	
20	26.4	19.2	15.0	10.9	8.0	4.9	3.3	2.4	2.0	1.6	1.4	1.1	0.7	0.5	0.4	
30	26.5	20.0	15.6	10.7	7.7	4.5	3.2	2.4	2.0	1.7	1.4	1.1	0.7	0.5	0.4	
40	28.4	18.8	14.9	10.5	7.6	4.7	3.3	2.5	2.0	1.6	1.4	1.1	0.7	0.5	0.4	
50	28.9	20.0	15.1	10.8	7.6	4.6	3.2	2.5	2.0	1.6	1.4	1.0	0.6	0.5	0.4	
60	30.2	19.9	16.6	10.4	7.7	4.7	3.3	2.5	2.0	1.6	1.4	1.0	0.7	0.5	0.4	
70	29.7	20.1	15.4	11.0	8.1	4.8	3.3	2.5	2.0	1.7	1.4	1.1	0.7	0.5	0.4	
80	29.9	19.2	15.9	11.3	8.2	4.9	3.4	2.6	2.1	1.8	1.5	1.2	0.8	0.6	0.5	
90	29.3	20.2	15.6	11.3	8.2	4.8	3.4	2.6	2.1	1.7	1.5	1.2	0.8	0.6	0.5	
100	30.1	21.1	15.8	11.2	8.2	5.0	3.6	2.8	2.3	2.0	1.8	1.4	0.9	0.7	0.6	
110	30.0	20.5	15.1	10.4	7.5	4.5	3.1	2.4	1.9	1.6	1.4	1.1	0.7	0.5	0.4	
120	28.5	21.7	16.2	10.5	7.5	4.6	3.1	2.4	2.0	1.7	1.5	1.2	0.8	0.6	0.5	
130	21.3	18.1	14.6	10.0	7.7	4.5	3.3	2.4	2.0	1.7	1.5	1.2	0.8	0.6	0.5	
140	16.2	17.6	15.5	9.9	7.0	3.8	2.7	2.1	1.6	1.3	1.2	1.0	0.7	0.5	0.4	
150	6.3	9.4	9.5	7.6	5.4	3.3	2.4	1.8	1.6	1.2	1.1	0.9	0.6	0.5	0.4	
160	6.8	9.5	9.1	6.8	5.0	3.0	2.3	1.9	1.6	1.4	1.1	0.9	0.7	0.5	0.4	
170	6.1	8.8	9.4	7.9	5.4	3.1	2.2	1.7	1.4	1.2	1.1	1.0	0.7	0.5	0.4	
180	6.3	9.0	8.5	8.0	5.7	3.6	2.6	1.9	1.6	1.4	1.5	1.0	0.7	0.5	0.4	
190	8.2	9.1	9.2	7.6	6.2	3.8	2.7	2.2	1.7	1.4	1.2	0.9	0.6	0.5	0.4	
200	9.6	10.3	11.9	9.5	6.8	4.0	2.8	2.2	1.7	1.4	1.2	0.9	0.6	0.5	0.4	
210	19.8	17.2	13.1	9.8	7.1	4.1	2.9	2.2	1.9	1.5	1.3	1.0	0.6	0.5	0.4	
220	11.7	15.2	13.5	10.3	7.4	4.1	2.8	2.2	1.7	1.5	1.3	0.9	0.6	0.5	0.4	
230	15.2	14.6	13.9	9.4	6.8	4.2	3.1	2.4	1.9	1.6	1.3	1.0	0.6	0.5	0.4	
240	15.2	15.9	13.9	10.4	7.8	4.6	3.2	2.3	1.8	1.5	1.3	1.0	0.6	0.5	0.4	

250	18.1	17.4	14.4	10.5	7.9	4.7	3.4	2.4	1.9	1.5	1.3	1.1	0.7	0.5	0.4
260	24.1	16.8	13.7	10.5	7.8	4.6	3.1	2.5	2.0	1.6	1.4	1.1	0.8	0.6	0.5
270	24.2	16.7	13.1	10.8	7.8	4.5	3.1	2.4	1.8	1.5	1.3	1.1	0.7	0.5	0.4
280	18.9	17.2	16.5	11.2	8.7	4.8	3.3	2.7	2.1	1.7	1.4	1.2	0.8	0.6	0.5
290	25.7	19.0	17.7	10.6	8.6	5.0	3.3	2.6	2.1	1.7	1.4	1.1	0.8	0.6	0.5
300	26.5	19.4	16.2	11.2	8.0	4.8	3.6	2.8	2.4	2.0	1.8	1.4	0.9	0.7	0.6
310	24.7	19.0	21.0	10.8	7.7	5.0	3.8	3.0	2.5	2.2	1.9	1.5	1.0	0.8	0.6
320	23.7	17.2	15.1	10.5	7.6	4.8	3.6	2.9	2.4	2.1	1.8	1.5	1.0	0.7	0.6
330	22.6	20.1	15.0	11.0	7.8	4.4	3.0	2.3	1.9	1.5	1.3	1.1	0.7	0.5	0.4
340	19.2	19.6	14.9	10.4	7.1	4.1	2.8	2.2	1.8	1.5	1.3	1.0	0.7	0.5	0.4
350	24.2	18.4	16.2	10.5	7.4	4.4	3.2	2.5	1.9	1.7	1.3	1.1	0.7	0.5	0.4

Maksimum= 30.18 i afstand 50 m og retning 60 grader i 198301 (yyyymm)

Dato: 2026/03/25 OML-Multi PC-version 20240314/7.10 Side 7
DCE - Nationalt Center for Miljø og Energi, Aarhus Universitet

Lugt Periode: 740101-831231

Middelværdier (µg/m3)

Retning (grader)	Afstand (m)														
	50	75	100	150	200	300	400	500	600	700	800	1000	1500	2000	2500
0	0.2	0.3	0.3	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0
10	0.3	0.3	0.3	0.3	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0
20	0.4	0.4	0.4	0.3	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0
30	0.4	0.4	0.4	0.3	0.3	0.2	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0
40	0.4	0.4	0.4	0.4	0.3	0.2	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0
50	0.6	0.6	0.5	0.4	0.3	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0
60	0.7	0.7	0.7	0.5	0.4	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0
70	0.7	0.7	0.7	0.5	0.4	0.3	0.2	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0
80	0.7	0.7	0.7	0.5	0.4	0.3	0.2	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0
90	0.7	0.7	0.6	0.5	0.4	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0
100	0.7	0.7	0.6	0.5	0.3	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0
110	0.6	0.6	0.5	0.4	0.3	0.2	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0
120	0.4	0.4	0.4	0.3	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0
130	0.2	0.3	0.3	0.2	0.2	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0
140	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
190	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
200	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
210	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0
220	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0
230	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0
240	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0
250	0.2	0.3	0.3	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0
260	0.2	0.3	0.3	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0
270	0.3	0.3	0.3	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0
280	0.3	0.3	0.4	0.3	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0
290	0.4	0.4	0.5	0.3	0.3	0.2	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0
300	0.4	0.4	0.4	0.3	0.3	0.2	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0
310	0.3	0.3	0.5	0.3	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0
320	0.2	0.3	0.3	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0
330	0.2	0.3	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0
340	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0
350	0.2	0.2	0.3	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0

Maksimum= 0.75 i afstand 50 m og retning 100 grader.

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Maksimale timeværdier (µg/m3)

Retning (grader)	Afstand (m)														
	50	75	100	150	200	300	400	500	600	700	800	1000	1500	2000	2500
0	28.5	20.2	17.1	12.6	9.2	6.3	4.8	3.8	3.2	2.7	2.4	2.1	1.5	1.3	1.1
10	29.1	20.6	16.3	13.2	9.6	6.2	4.6	3.8	3.1	2.7	2.4	1.9	1.3	1.0	0.9
20	29.6	21.3	16.9	12.1	9.2	6.3	5.9	5.2	4.5	3.9	3.3	2.4	1.4	1.1	0.9

30	30.4	21.2	16.6	12.8	9.3	7.4	7.4	6.7	5.9	5.1	4.4	3.2	1.9	1.6	1.3
40	30.5	21.1	17.0	12.0	9.1	6.0	5.7	5.0	4.3	3.9	3.8	3.5	2.6	2.1	1.7
50	31.1	20.7	16.4	12.3	9.3	6.3	5.7	5.1	4.3	3.8	3.4	2.9	2.1	1.7	1.5
60	31.2	20.8	17.4	12.1	9.0	6.6	6.6	5.9	5.2	4.5	4.1	3.3	2.3	1.8	1.5
70	30.5	20.9	17.0	12.9	9.6	6.3	4.7	3.8	3.5	3.3	3.1	2.7	1.9	1.6	1.4
80	31.4	20.6	16.9	12.9	9.3	6.1	4.7	3.8	3.2	2.8	2.7	2.3	1.6	1.4	1.2
90	31.8	21.7	16.4	13.7	12.4	8.5	6.3	4.9	3.9	3.2	3.1	2.8	2.2	1.7	1.4
100	32.0	22.2	17.4	12.6	9.5	6.3	4.8	3.8	3.2	2.8	2.8	2.6	2.1	1.6	1.4
110	32.4	22.8	17.1	12.6	9.2	6.3	4.7	3.8	3.1	2.7	2.7	2.6	2.2	1.8	1.5
120	32.5	23.5	18.0	12.3	9.2	6.3	4.8	4.0	3.5	3.2	3.0	2.5	1.9	1.6	1.3
130	27.6	22.3	18.1	12.3	9.3	6.2	4.7	3.8	3.4	3.0	2.6	2.0	1.4	1.1	0.9
140	25.0	22.5	17.3	14.4	10.7	6.3	4.8	4.1	3.2	2.8	2.4	2.0	1.7	1.3	1.1
150	23.2	20.2	15.4	11.5	9.0	6.1	4.6	3.7	3.1	2.6	2.5	2.2	1.6	1.3	1.0
160	23.2	21.1	16.8	11.5	9.2	6.7	5.3	4.3	3.8	3.9	3.8	3.5	2.8	2.2	1.9
170	22.3	19.1	16.2	12.1	8.7	6.1	5.5	4.7	4.0	3.5	3.1	2.5	1.8	1.4	1.2
180	14.9	18.8	15.9	11.3	8.6	6.9	6.3	5.4	4.7	4.1	3.9	3.6	2.7	2.2	1.9
190	21.5	19.2	15.9	11.7	8.5	5.5	4.2	4.6	4.6	4.2	3.9	3.3	2.4	1.9	1.6
200	23.1	19.1	15.9	13.7	11.6	7.2	5.1	3.9	3.3	3.1	2.8	2.7	2.3	1.9	1.6
210	25.5	19.3	15.3	12.0	9.0	6.2	4.7	3.8	3.4	3.0	2.5	2.3	1.8	1.4	1.2
220	22.3	19.5	15.6	12.3	9.5	5.6	5.2	5.0	4.5	4.2	3.7	2.8	1.8	1.4	1.1
230	24.8	19.6	15.6	12.0	9.4	6.0	5.0	4.7	4.3	3.7	3.3	2.6	1.8	1.4	1.2
240	23.3	19.9	16.6	11.6	8.9	6.0	4.6	3.7	3.1	3.0	2.8	2.5	2.0	1.6	1.4
250	24.5	19.8	15.6	12.6	9.3	6.0	5.4	4.5	4.2	3.9	3.6	3.0	2.2	1.7	1.3
260	26.3	20.4	16.4	12.4	9.5	8.0	7.3	6.5	5.5	4.8	4.1	3.2	2.3	1.8	1.4
270	26.2	20.0	15.9	12.1	9.0	7.4	6.1	5.1	4.4	3.8	3.4	2.8	2.0	1.5	1.2
280	26.5	19.8	19.1	13.4	10.3	8.8	7.8	7.4	6.0	5.1	4.4	3.2	2.2	1.7	1.5
290	27.1	21.1	20.0	12.5	10.7	10.3	9.2	8.8	7.5	6.5	5.5	4.1	2.5	2.0	1.7
300	27.1	20.7	17.8	13.5	9.5	9.2	7.8	6.6	5.6	4.6	3.9	2.9	2.3	2.0	1.7
310	26.5	20.5	24.2	12.9	9.6	9.8	8.3	7.1	6.0	5.1	4.3	3.3	2.2	1.8	1.5
320	26.5	20.5	17.7	12.7	9.7	7.8	6.2	5.4	5.0	4.5	4.0	3.2	2.0	1.5	1.2
330	26.8	21.9	17.1	13.1	9.4	7.2	6.0	5.6	5.1	4.8	4.4	3.8	2.5	1.9	1.6
340	26.2	21.3	17.6	13.1	9.9	6.9	7.7	7.6	7.1	6.6	5.9	4.6	2.9	2.2	1.7
350	27.3	20.0	17.8	12.4	9.1	6.3	5.1	4.6	3.7	3.3	2.8	2.5	1.8	1.3	1.1

Maksimum= 32.45 i afstand 50 m og retning 120 grader.

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Benyttede filer.

Følgende inputfiler er benyttet i beregningerne:

Punktkilder: Z:\Tasks\126\126-22081\Data\OML filer\sweeps\sweep_003\run_004\ARC_sorteringsanlæg_run_004.kld
Meteorologi.....: C:\OML_Data\Aal7483LST.met
Receptorer.....: Z:\Tasks\126\126-22081\Data\OML filer\sweeps\sweep_003\run_004\ARC_sorteringsanlæg_run_004.rct
Beregningsopsætning.....: Z:\Tasks\126\126-22081\Data\OML filer\ARC_sorteringsanlæg.opt

Følgende outputfil er benyttet:

Resultater: Z:\Tasks\126\126-22081\Data\OML filer\sweeps\sweep_003\run_004\ARC_sorteringsanlæg_run_004.log

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Meteorologiske spredningsberegninger er udført for følgende periode (lokal standard tid):

Start af beregningen = 740101 kl. 1
Slut på beregningen (incl.) = 831231 kl. 24

Meteorologiske data er fra: AALBORG

Koordinatsystem.

Der er anvendt et x,y-koordinatsystem med x-akse mod øst (90 grader) og y-akse mod nord (0 grader).
Enheden er meter. Systemet er fælles for receptorer og kilder. Origo kan fastlægges frit, fx. i skorstensfoden for den mest dominerende kilde eller som i UTM-systemet.

Receptordata.

Ruhedslængde, z0 = 0.300 m

Største terrænhældning = 13 grader

Receptorerne er beliggende med 10 graders interval i 15 koncentriske cirkler
med centrum x,y: 727753., 6176879.
og radierne (m): 50. 75. 100. 125. 150.

175. 200. 250. 300. 350.
400. 450. 500. 600. 700.

Terrænhøjder er ikke alle ens.

Alle receptorhøjder = 25.0 m.

Alle overflader er typenr. = 2 (Har kun betydning ved VVM-deposition)

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Side 2

Terrænhøjder [m]

Retning	Afstand (m)														
(grader)	50	75	100	125	150	175	200	250	300	350	400	450	500	600	700
0	2.6	2.2	2.6	2.7	2.6	2.8	2.8	2.6	2.5	2.2	1.9	1.7	0.0	0.0	2.7
10	2.7	2.5	2.3	2.3	2.7	2.8	2.7	2.6	2.7	2.6	2.1	2.0	2.9	0.0	0.0
20	2.8	2.5	2.2	2.7	2.4	2.5	2.4	2.7	2.6	2.7	2.6	2.6	2.5	1.8	0.0
30	2.9	2.5	2.3	2.4	2.3	2.3	2.5	2.5	2.3	2.0	2.5	2.6	2.5	2.8	0.0
40	2.4	2.3	2.4	2.1	2.1	2.4	2.3	2.5	2.4	2.6	2.6	2.5	2.7	3.0	3.0
50	3.0	2.3	2.5	1.5	2.2	2.4	2.4	2.4	2.7	2.4	2.3	1.7	2.0	2.8	2.7
60	2.9	2.2	2.6	2.6	2.2	2.5	2.4	2.4	2.4	2.3	1.9	0.9	2.9	2.8	2.8
70	2.9	2.4	2.3	2.3	2.3	2.4	2.4	2.3	2.3	0.0	0.0	0.0	0.0	0.0	0.0
80	3.1	2.3	2.3	2.3	2.4	2.3	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90	3.1	2.5	2.2	2.3	2.4	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	1.9
100	3.1	2.7	2.3	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.4	2.3
110	3.2	3.0	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	2.6	1.9	2.8
120	3.0	3.1	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	2.1	2.3	2.1
130	2.3	2.7	2.7	3.1	1.1	0.0	0.0	0.0	0.0	2.6	3.5	3.3	2.6	2.1	2.1
140	2.2	2.7	2.4	0.0	0.0	0.0	1.3	0.0	4.3	0.4	4.7	2.6	2.7	2.7	2.4
150	2.1	2.6	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.3	6.8	2.4	2.4	2.7
160	2.2	2.5	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.5	2.3	1.2	0.0
170	2.1	2.4	2.4	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180	2.1	2.2	2.2	2.5	2.3	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	2.3
190	2.0	2.2	2.2	2.3	2.5	2.3	2.3	0.0	1.6	0.0	0.0	0.0	2.9	2.3	2.0
200	2.0	2.1	2.2	2.3	2.5	2.4	1.9	2.5	2.5	2.5	3.0	2.7	2.8	2.5	2.6
210	2.0	2.2	2.2	2.3	2.3	2.4	2.3	2.4	2.3	2.3	2.5	2.8	2.7	2.9	2.1
220	2.0	2.1	2.2	2.3	2.5	2.7	2.8	2.6	2.7	2.6	2.7	2.9	2.7	2.6	4.1
230	2.1	2.1	2.2	2.4	2.4	2.9	3.0	3.3	3.4	5.4	3.8	4.3	3.2	2.4	0.9
240	2.1	2.1	2.3	2.3	2.4	2.7	3.0	3.3	3.1	3.1	3.8	6.0	2.8	2.1	1.6
250	2.0	2.2	2.2	2.3	2.8	2.9	2.9	3.3	2.8	3.2	5.4	2.4	5.6	0.0	0.0
260	2.1	2.2	2.1	2.2	2.3	2.7	2.6	2.9	4.7	2.4	2.5	10.8	4.0	2.0	0.0
270	2.1	2.1	2.3	2.6	2.7	2.9	2.9	3.0	5.5	2.3	2.8	14.6	6.0	2.6	0.0
280	2.1	2.1	3.7	2.7	2.7	4.5	5.3	3.2	2.5	2.6	2.2	11.8	6.2	3.1	0.4
290	2.2	2.3	4.0	2.8	2.2	2.1	4.0	2.8	3.3	3.1	2.3	3.8	6.0	3.2	3.3
300	2.2	2.2	7.0	2.9	3.0	3.2	3.2	2.4	2.9	3.0	3.5	3.5	4.1	2.9	0.0
310	2.1	2.2	2.5	2.9	3.0	3.1	2.9	3.6	3.6	3.5	3.1	0.0	0.0	0.9	0.0
320	2.1	2.6	3.1	3.9	2.9	2.9	3.0	2.4	3.3	3.1	2.5	0.0	0.0	0.0	2.4
330	2.2	2.8	2.9	3.1	3.4	3.1	4.2	2.4	2.9	2.5	0.0	0.0	0.0	0.0	3.8
340	2.3	2.4	3.0	3.2	3.1	3.1	3.1	3.1	2.7	3.4	0.0	0.0	0.0	0.0	2.6
350	2.3	2.2	3.3	2.9	2.3	2.3	2.8	2.9	2.3	1.9	1.7	1.8	0.0	3.2	2.0

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Side 3

Forkortelser benyttet for kildeparametrene:

Nr.....: Internt kildenummer
ID.....: Tekst til identificering af kilde
X.....: X-koordinat for kilde [m]
Y.....: Y-koordinat for kilde [m]
Z.....: Terrænkote for skorstensfod [m]
HS.....: Skorstenshøjde over terræn [m]
T.....: Temperatur af røggas [Kelvin]/[Celsius]
VOL.....: Volumenmængde af røggas [normal m3/sek]
DSO.....: Ydre diameter af skorstenstop [m]
DSI.....: Indre diameter af skorstenstop [m]
HB.....: Generel beregningsmæssig bygningshøjde [m]
QI.....: Emission af stof nr. 'i' [gram/sek], [MLE/sek] eller [MOU/sek]

Punktkilder.

Kildedata:

Nr	ID	X	Y	Z	HS	T(C)	VOL	DSI	DSO	HB	Q1	Q2	Q3
1	1	727753.	6176879.	2.1	35.0	18.	26.00	1.60	2.00	15.0	0.1180	0.0000	0.0000

Tidsvariationer i emissionen fra punktkilder.

Emissionerne fra de enkelte punktkilder er konstant.

Afledte kildeparametre:

Kilde nr.	Vertikal røggashastighed m/s	Buoyancy flux (termisk løft) (omtrentlig) m4/s3
1	13.8	2.4

Der er ingen retningsafhængige bygningsdata.

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Side til advarsler.

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DCE - Nationalt Center for Miljø og Energi, Aarhus Universitet

Lugt Periode: 740101-831231

De 4. største månedlige 99%-fraktiler (µg/m3)

Retning (grader)	Afstand (m)															
	50	75	100	125	150	175	200	250	300	350	400	450	500	600	700	
0	17.3	16.5	14.3	11.6	9.4	8.1	6.7	5.1	4.0	3.2	2.7	2.3	2.1	1.7	1.4	
10	22.2	17.6	14.0	11.7	10.5	8.6	7.3	5.6	4.4	3.5	3.0	2.5	2.3	1.8	1.5	
20	21.7	17.7	14.0	12.4	9.8	8.2	7.2	5.6	4.4	3.6	3.0	2.7	2.3	1.8	1.5	
30	24.7	19.0	14.8	12.2	10.0	8.6	7.7	5.8	4.5	3.6	3.1	2.7	2.3	1.9	1.5	
40	21.5	18.1	14.6	11.5	9.7	8.6	7.3	5.7	4.5	3.7	3.1	2.7	2.3	1.9	1.5	
50	26.4	19.1	15.5	12.1	10.1	8.7	7.5	5.7	4.5	3.7	3.1	2.7	2.3	1.9	1.5	
60	28.6	19.1	15.6	12.7	10.2	8.8	7.6	5.7	4.5	3.7	3.1	2.7	2.4	1.9	1.6	
70	28.0	19.7	15.5	12.7	10.7	9.0	7.8	6.0	4.7	3.8	3.2	2.8	2.5	2.0	1.6	
80	27.4	19.1	15.1	12.7	11.0	9.2	7.9	6.1	4.8	3.9	3.3	2.9	2.5	2.0	1.7	
90	27.7	19.6	15.3	12.8	10.9	8.9	7.8	6.0	4.7	3.9	3.2	2.8	2.5	2.0	1.7	
100	28.6	20.1	15.2	12.7	10.3	8.5	7.2	5.5	4.5	3.6	3.1	2.6	2.4	1.9	1.6	
110	28.7	19.2	14.9	11.7	9.8	8.4	7.2	5.4	4.3	3.5	3.0	2.6	2.3	1.9	1.6	
120	24.9	17.7	14.0	10.8	8.8	7.7	6.5	4.9	3.8	3.4	2.9	2.5	2.3	1.8	1.5	
130	17.7	16.2	13.0	11.0	8.5	7.4	6.5	5.0	3.8	3.2	2.7	2.3	2.0	1.6	1.4	
140	12.0	12.4	10.0	8.8	7.8	6.7	5.7	4.3	3.5	2.7	2.4	2.0	1.8	1.4	1.2	
150	6.0	6.9	6.6	5.8	5.3	4.6	3.9	3.3	2.7	2.3	2.0	2.2	1.6	1.4	1.2	
160	5.8	5.8	6.2	5.8	5.3	4.5	4.0	3.4	2.8	2.3	1.9	1.7	1.6	1.3	1.1	
170	6.0	6.9	7.4	6.6	5.5	4.6	4.1	3.2	2.7	2.4	2.0	1.8	1.6	1.3	1.2	
180	6.2	7.6	8.1	7.4	6.7	5.7	5.2	3.9	3.3	2.7	2.3	2.1	1.8	1.5	1.3	
190	6.3	8.9	8.4	7.2	6.7	5.9	5.3	4.2	3.4	2.8	2.4	2.1	1.9	1.5	1.2	
200	6.2	7.4	8.5	8.1	7.0	6.0	5.3	4.2	3.6	3.1	2.7	2.4	2.1	1.7	1.4	
210	6.3	9.6	9.4	8.6	8.0	6.8	6.0	4.8	3.8	3.1	2.6	2.2	1.9	1.6	1.3	
220	6.5	9.0	9.3	9.2	8.2	7.1	6.0	4.4	3.5	2.8	2.4	2.1	1.9	1.5	1.4	
230	10.8	10.8	11.4	10.8	8.8	7.6	6.5	4.9	3.8	3.3	2.7	2.4	2.1	1.7	1.4	
240	9.7	11.6	11.1	10.1	8.9	8.0	7.0	5.2	4.1	3.3	2.8	2.5	2.1	1.7	1.4	
250	10.5	14.2	13.7	11.4	9.5	8.1	7.0	5.4	4.2	3.5	3.1	2.5	2.3	1.8	1.5	
260	13.3	14.7	13.1	11.8	10.0	8.8	7.4	5.4	4.6	3.5	3.0	3.0	2.4	1.8	1.5	
270	16.6	14.4	12.3	11.1	9.6	8.1	6.8	5.2	4.3	3.3	2.9	3.0	2.4	1.8	1.5	
280	15.9	15.6	16.6	12.0	9.8	8.9	7.8	5.4	4.2	3.4	2.8	2.9	2.4	1.9	1.6	
290	22.4	18.2	17.1	12.4	9.8	8.2	8.0	5.7	4.4	3.5	3.0	2.7	2.4	1.9	1.5	
300	21.6	17.8	20.3	12.9	10.5	8.7	7.3	5.6	4.5	3.7	3.1	2.7	2.5	1.9	1.6	
310	20.3	17.8	14.6	12.4	10.5	8.8	7.5	5.6	4.5	3.7	3.1	2.6	2.3	1.9	1.7	
320	16.8	16.6	14.7	12.4	9.9	8.2	7.0	5.2	4.2	3.4	3.0	2.5	2.2	1.8	1.5	
330	18.1	15.9	14.0	11.9	10.1	8.1	7.1	5.1	4.2	3.4	2.8	2.5	2.1	1.7	1.5	
340	15.6	16.1	14.4	11.8	9.7	8.1	6.9	5.2	4.1	3.4	2.8	2.4	2.2	1.7	1.5	
350	17.1	14.8	15.4	11.8	9.3	8.3	7.1	5.5	4.3	3.5	3.0	2.6	2.3	1.8	1.5	

Maksimum= 28.68 i afstand 50 m og retning 110 grader i 197601 (yyyymm)

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Lugt Periode: 740101-831231

De største månedlige 99%-fraktiler (µg/m3)

Retning (grader)	Afstand (m)																	
	50	75	100	125	150	175	200	250	300	350	400	450	500	600	700			
0	24.5	18.0	15.7	12.5	9.9	8.5	7.3	5.6	4.5	3.6	3.1	2.7	2.4	1.9	1.6			
10	24.6	18.6	14.6	12.5	10.7	9.2	7.9	6.0	4.7	3.8	3.2	2.7	2.4	1.9	1.6			
20	26.5	19.2	15.0	13.0	10.9	9.3	8.0	6.0	4.9	3.9	3.3	2.8	2.5	2.0	1.6			
30	26.6	20.3	15.6	12.7	10.7	9.1	7.7	5.9	4.5	3.7	3.2	2.7	2.4	2.0	1.7			
40	26.3	18.9	15.0	12.2	10.4	8.9	7.6	5.9	4.7	3.9	3.3	2.8	2.5	2.0	1.6			
50	29.0	20.0	15.9	12.5	10.8	9.1	7.7	5.8	4.6	3.8	3.2	2.7	2.4	2.0	1.6			
60	29.8	19.9	16.6	13.1	10.4	9.0	7.7	5.9	4.7	3.9	3.3	2.9	2.5	2.0	1.6			
70	29.8	20.4	15.6	13.1	11.0	9.4	8.1	6.2	4.8	3.9	3.3	2.9	2.5	2.0	1.7			
80	30.0	19.5	15.9	13.1	11.3	9.7	8.1	6.2	4.9	4.0	3.4	2.9	2.6	2.1	1.8			
90	29.4	20.3	15.6	13.3	11.3	9.4	8.1	6.1	4.8	4.0	3.4	2.9	2.6	2.1	1.7			
100	30.2	21.2	15.7	13.2	11.2	9.6	8.2	6.5	5.0	4.1	3.6	3.2	2.8	2.3	2.0			
110	30.2	21.0	15.5	12.4	10.4	8.7	7.5	5.8	4.5	3.7	3.1	2.7	2.4	1.9	1.6			
120	27.9	22.0	16.3	12.8	10.5	9.0	7.5	5.6	4.6	3.7	3.1	2.7	2.4	2.0	1.7			
130	21.4	18.2	14.4	12.7	10.0	8.7	7.7	5.8	4.5	3.8	3.3	2.9	2.5	2.0	1.7			
140	16.3	17.6	15.4	11.8	9.3	7.4	6.2	4.8	4.1	3.1	2.8	2.3	2.0	1.6	1.3			
150	6.3	9.8	9.7	9.0	7.6	6.3	5.4	4.2	3.3	2.8	2.4	2.3	1.8	1.5	1.2			
160	6.9	9.5	9.0	7.2	6.8	5.8	5.0	3.9	3.0	2.6	2.3	2.1	1.8	1.5	1.3			
170	6.2	8.8	9.5	9.6	7.9	6.5	5.4	3.8	3.1	2.6	2.2	1.9	1.7	1.4	1.2			
180	6.4	8.5	8.7	9.3	8.0	6.6	5.7	4.6	3.6	3.0	2.6	2.2	1.9	1.6	1.4			
190	8.2	9.1	9.2	8.6	7.6	6.8	6.2	4.7	3.8	3.2	2.7	2.4	2.2	1.7	1.4			
200	9.6	10.4	12.0	11.5	9.7	8.0	6.7	5.1	4.1	3.4	2.9	2.5	2.2	1.7	1.5			
210	19.8	17.2	13.2	11.7	9.8	8.3	7.0	5.3	4.1	3.4	2.9	2.5	2.2	1.8	1.5			
220	11.7	15.3	13.6	12.2	10.3	8.9	7.4	5.3	4.1	3.3	2.8	2.5	2.2	1.8	1.5			
230	15.3	14.7	13.9	11.6	9.4	7.9	6.8	5.2	4.2	3.8	3.1	2.8	2.4	1.9	1.6			
240	15.3	16.0	14.1	12.4	10.4	9.1	7.8	5.9	4.6	3.7	3.2	2.8	2.3	1.8	1.5			
250	18.1	17.4	14.5	12.2	10.4	9.0	7.9	5.9	4.6	3.9	3.3	2.7	2.5	1.9	1.5			
260	24.2	16.8	13.7	12.4	10.6	9.2	7.8	5.9	4.8	3.7	3.1	3.2	2.5	2.0	1.6			
270	24.2	16.7	13.3	12.7	10.9	9.3	7.8	5.9	4.8	3.6	3.1	3.4	2.4	1.8	1.5			
280	19.1	17.2	16.8	12.7	11.1	10.6	9.1	6.3	4.8	3.9	3.3	3.3	2.7	2.1	1.7			
290	25.8	19.1	17.8	13.5	10.7	9.0	8.1	5.9	5.0	4.0	3.3	2.9	2.6	2.1	1.7			
300	26.6	19.5	21.7	13.5	11.2	9.5	8.2	6.0	4.7	4.1	3.6	3.2	2.8	2.4	2.0			
310	24.8	19.0	15.0	12.8	10.8	9.1	7.6	5.9	5.1	4.3	3.8	3.4	3.0	2.5	2.2			
320	23.8	18.3	15.7	13.5	10.5	8.9	7.6	5.8	4.8	4.1	3.6	3.3	2.9	2.4	2.1			
330	22.7	20.0	15.2	13.0	11.3	9.3	8.2	5.7	4.5	3.6	3.0	2.7	2.3	1.9	1.6			
340	20.5	19.0	15.1	12.1	10.4	8.6	7.2	5.4	4.1	3.5	2.8	2.5	2.2	1.8	1.5			
350	24.3	18.4	16.2	12.8	10.1	8.4	7.5	5.7	4.4	3.6	3.1	2.7	2.4	2.0	1.6			

Maksimum= 30.20 i afstand 50 m og retning 100 grader i 197512 (yyyymm)

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Lugt Periode: 740101-831231

Middelværdier (µg/m3)

Retning (grader)	Afstand (m)																	
	50	75	100	125	150	175	200	250	300	350	400	450	500	600	700			
0	0.2	0.3	0.3	0.3	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1			
10	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1			
20	0.4	0.4	0.4	0.4	0.3	0.3	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1			
30	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1			
40	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1			
50	0.6	0.6	0.6	0.5	0.4	0.4	0.3	0.3	0.2	0.2	0.2	0.1	0.1	0.1	0.1			
60	0.7	0.7	0.7	0.6	0.5	0.4	0.4	0.3	0.2	0.2	0.2	0.2	0.1	0.1	0.1			
70	0.7	0.7	0.7	0.6	0.5	0.5	0.4	0.3	0.2	0.2	0.2	0.2	0.1	0.1	0.1			
80	0.7	0.7	0.7	0.6	0.5	0.5	0.4	0.3	0.3	0.2	0.2	0.2	0.1	0.1	0.1			
90	0.7	0.7	0.6	0.6	0.5	0.4	0.4	0.3	0.2	0.2	0.2	0.2	0.1	0.1	0.1			
100	0.8	0.7	0.6	0.5	0.5	0.4	0.3	0.3	0.2	0.2	0.2	0.2	0.1	0.1	0.1			
110	0.6	0.6	0.5	0.4	0.4	0.3	0.3	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1			
120	0.4	0.4	0.4	0.3	0.3	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1			
130	0.2	0.3	0.3	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1			
140	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0			
150	0.1	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0			
160	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0			
170	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0			
180	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0			
190	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0			
200	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0			
210	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0			
220	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0			
230	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0			
240	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1			
250	0.2	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1			
260	0.2	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1			
270	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1			

280	0.3	0.3	0.4	0.3	0.3	0.3	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1
290	0.4	0.4	0.5	0.4	0.3	0.3	0.3	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1
300	0.4	0.4	0.6	0.4	0.3	0.3	0.3	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1
310	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1
320	0.2	0.3	0.3	0.3	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
330	0.2	0.3	0.3	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
340	0.2	0.2	0.3	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0
350	0.2	0.2	0.3	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0

Maksimum= 0.75 i afstand 50 m og retning 100 grader.

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Lugt Periode: 740101-831231

Maksimalle timeværdier (µg/m3)

Retning (grader)	Afstand (m)														
	50	75	100	125	150	175	200	250	300	350	400	450	500	600	700
0	28.6	20.2	17.2	14.8	12.6	10.8	9.2	7.4	6.3	5.4	4.8	4.2	3.8	3.2	2.7
10	29.2	21.3	16.3	14.4	13.0	11.1	9.6	7.5	6.2	5.3	4.6	4.2	3.8	3.1	2.7
20	29.7	21.3	16.9	14.6	12.1	10.6	9.1	7.0	6.3	6.2	5.9	5.6	5.2	4.5	3.9
30	30.5	21.5	16.6	14.7	12.7	10.9	9.4	7.3	7.4	7.5	7.4	7.1	6.7	5.9	5.1
40	28.1	21.1	17.1	13.9	11.8	10.4	9.0	7.2	6.0	6.0	5.7	5.3	5.0	4.3	4.0
50	31.2	20.7	17.3	13.9	12.2	10.9	9.4	7.3	6.3	5.9	5.7	5.4	5.0	4.3	3.8
60	30.8	20.9	17.4	14.7	12.1	10.5	9.0	7.2	6.6	6.8	6.6	6.3	5.9	5.2	4.5
70	30.7	21.2	17.3	15.2	12.9	11.1	9.5	7.6	6.3	5.4	4.7	4.2	3.8	3.5	3.3
80	31.6	21.0	17.0	14.8	12.9	10.9	9.2	7.3	6.1	5.3	4.7	4.2	3.8	3.2	2.8
90	31.9	21.8	16.5	14.8	13.7	13.1	12.3	10.2	8.5	7.2	6.3	5.5	4.9	3.9	3.2
100	32.2	22.3	17.2	14.9	12.6	10.9	9.5	7.4	6.3	5.4	4.8	4.2	3.8	3.2	2.8
110	32.6	23.5	17.5	14.4	12.6	10.8	9.2	7.5	6.3	5.4	4.7	4.2	3.8	3.1	2.7
120	31.6	23.9	18.1	14.0	12.3	10.7	9.2	7.4	6.3	5.4	4.8	4.3	4.0	3.5	3.2
130	27.7	22.4	17.9	15.8	12.3	10.6	9.3	7.4	6.2	5.4	4.7	4.2	3.9	3.4	3.0
140	25.1	22.6	17.2	14.3	12.7	11.0	9.5	7.4	6.5	5.4	5.1	4.3	3.9	3.3	2.8
150	23.4	20.9	15.6	13.1	11.5	10.1	9.0	7.3	6.1	5.2	4.6	4.1	3.7	3.1	2.6
160	23.3	21.2	16.6	13.0	11.5	10.3	9.2	7.5	6.7	6.0	5.3	4.7	4.3	3.7	3.8
170	22.4	19.2	16.2	14.6	12.1	10.3	8.7	7.0	6.1	5.9	5.5	5.1	4.7	4.0	3.5
180	15.0	17.8	16.2	13.6	11.3	9.6	8.6	7.3	6.9	6.7	6.3	5.9	5.4	4.7	4.1
190	21.5	19.3	16.0	13.7	11.7	9.8	8.5	6.6	5.5	4.7	4.2	4.4	4.6	4.4	4.2
200	23.1	19.2	15.9	13.8	14.0	12.9	11.3	9.1	7.3	6.0	5.2	4.5	4.0	3.3	3.1
210	25.5	19.4	15.5	13.4	12.0	10.5	9.0	7.4	6.2	5.4	4.7	4.2	3.8	3.3	2.8
220	22.3	19.5	15.6	13.3	12.4	10.9	9.5	7.1	5.6	5.1	5.2	5.2	5.0	4.6	4.2
230	24.9	19.6	15.7	14.0	12.0	10.4	9.4	7.6	6.1	5.3	5.1	5.0	4.7	4.2	3.7
240	23.4	20.0	16.8	13.5	11.6	10.1	8.9	7.0	6.0	5.2	4.6	4.1	3.7	3.1	3.0
250	24.5	19.9	15.6	14.0	12.5	10.8	9.3	7.2	5.8	5.0	5.0	4.5	4.8	4.2	3.9
260	26.4	20.5	16.4	14.3	12.4	10.9	9.6	8.2	8.6	7.7	7.3	7.7	6.6	5.5	4.8
270	26.3	20.0	16.2	14.0	12.2	10.6	9.1	8.1	7.4	6.7	6.1	5.5	5.1	4.4	3.8
280	26.6	19.9	19.6	15.3	13.3	12.5	10.8	9.2	8.9	8.4	7.8	8.4	7.4	6.1	5.1
290	27.2	21.1	20.1	15.5	12.6	10.7	9.9	10.0	10.4	9.8	9.1	9.0	8.8	7.5	6.5
300	27.2	20.8	25.2	15.8	13.5	11.5	9.7	9.3	9.1	8.4	7.8	7.2	6.7	5.5	4.6
310	26.6	20.6	17.4	14.7	12.9	11.2	9.5	10.5	10.0	9.1	8.3	7.5	7.0	6.0	5.1
320	26.6	21.7	18.7	16.4	12.8	11.1	9.7	7.9	7.8	7.0	6.2	5.6	5.4	5.0	4.5
330	26.9	21.6	17.3	15.6	13.5	11.1	10.1	8.2	7.2	6.3	6.0	5.9	5.6	5.1	4.9
340	27.3	20.6	17.9	15.6	13.2	11.5	10.0	7.5	6.9	7.8	7.7	7.7	7.6	7.1	6.6
350	27.4	20.1	17.9	14.6	11.8	10.2	9.3	7.7	6.2	5.3	4.9	4.6	4.3	3.8	3.2

Maksimum= 32.58 i afstand 50 m og retning 110 grader.

Dato: 2026/03/25 OML-Multi PC-version 20240314/7.10 Side 9
DCE - Nationalt Center for Miljø og Energi, Aarhus Universitet

Benyttede filer.

Følgende inputfiler er benyttet i beregningerne:

Punktkilder Z:\Tasks\126\126-22081\Data\OML filer\zoomed grid\sweeps\sweep\run_004\ARC_GRID_ZOOM_run_004.kld
 Meteorologi..... C:\OML_Data\Aal7483LST.met
 Receptorer..... Z:\Tasks\126\126-22081\Data\OML filer\zoomed grid\sweeps\sweep\run_004\ARC_GRID_ZOOM_run_004.rct
 Beregningsopsætning..... Z:\Tasks\126\126-22081\Data\OML filer\zoomed grid\ARC_GRID_ZOOM.opt

Følgende outputfil er benyttet:

Resultater Z:\Tasks\126\126-22081\Data\OML filer\zoomed grid\sweeps\sweep\run_004\ARC_GRID_ZOOM_run_004.log

Receptorhøjde: 35 meter

Dato: 2026/03/25 OML-Multi PC-version 20240314/7.10 Side 1
DCE - Nationalt Center for Miljø og Energi, Aarhus Universitet

Meteorologiske spredningsberegninger er udført for følgende periode (lokal standard tid):

Start af beregningen = 740101 kl. 1
Slut på beregningen (incl.) = 831231 kl. 24

Meteorologiske data er fra: AALBORG

Koordinatsystem.

Der er anvendt et x,y-koordinatsystem med x-akse mod øst (90 grader) og y-akse mod nord (0 grader).
Enheden er meter. Systemet er fælles for receptorer og kilder. Origo kan fastlægges frit, fx. i skorstensfoden for den mest dominerende kilde eller som i UTM-systemet.

Receptordata.

Ruhedslængde, z0 = 0.300 m

Største terrænhældning = 12 grader

Receptorerne er beliggende med 10 graders interval i 15 koncentriske cirkler
med centrum x,y: 727753., 6176879.
og radierne (m): 50. 75. 100. 150. 200.
300. 400. 500. 600. 700.
800. 1000. 1500. 2000. 2500.

Terrænhøjder er ikke alle ens.

Alle receptorhøjder = 35.0 m.

Alle overflader er typenr. = 2 (Har kun betydning ved VVM-deposition)

Dato: 2026/03/25 OML-Multi PC-version 20240314/7.10 Side 2
DCE - Nationalt Center for Miljø og Energi, Aarhus Universitet

Terrænhøjder [m]

Retning (grader)	Afstand (m)														
	50	75	100	150	200	300	400	500	600	700	800	1000	1500	2000	2500
0	2.6	2.2	2.6	2.6	2.8	2.3	2.0	0.0	0.0	2.0	0.3	2.4	2.6	0.0	0.0
10	2.7	2.3	2.3	3.0	2.7	2.7	1.9	1.9	0.0	0.0	2.7	2.7	0.8	0.0	0.0
20	2.8	2.5	2.2	2.4	2.5	2.7	2.7	0.0	1.9	0.0	0.0	0.1	0.1	0.0	0.0
30	2.9	2.4	2.3	2.4	2.5	2.1	2.6	2.6	0.0	0.0	0.0	0.0	0.1	0.0	0.0
40	2.9	2.3	2.4	2.3	2.4	2.5	2.7	2.8	2.9	2.7	2.6	0.0	0.0	0.0	0.0
50	3.0	2.3	2.1	2.3	2.3	2.4	2.3	2.8	2.8	3.0	2.9	0.0	0.0	0.0	0.0
60	3.0	2.2	2.6	2.2	2.5	2.5	1.8	0.6	2.8	2.7	2.7	0.0	0.0	0.0	0.0
70	2.9	2.3	2.2	2.3	2.6	2.4	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80	3.1	2.2	2.3	2.4	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90	3.1	2.5	2.2	2.4	2.3	0.0	0.0	0.0	0.0	2.1	2.2	0.0	0.0	0.0	0.0
100	3.1	2.7	2.4	0.0	0.0	0.0	0.0	1.2	2.3	2.5	2.2	0.0	0.0	0.0	0.0
110	3.2	2.8	2.3	0.0	0.0	0.0	0.0	2.3	2.5	2.5	2.3	2.3	0.0	0.0	0.0
120	3.2	3.0	2.6	0.0	0.0	0.0	2.4	2.2	2.3	2.5	3.0	0.0	4.9	0.0	0.0
130	2.3	2.7	2.8	0.0	0.0	0.0	3.5	2.3	2.7	2.5	2.3	0.0	2.4	0.0	0.0
140	2.2	2.7	2.5	3.6	4.7	0.0	2.9	5.5	2.1	2.6	4.5	2.4	2.5	0.0	0.0
150	2.1	2.4	2.2	0.0	0.0	0.0	2.9	2.7	4.4	2.1	2.7	2.4	2.6	1.4	0.0
160	2.2	2.5	2.4	0.0	0.0	0.0	1.2	3.2	3.0	3.0	2.1	0.0	0.0	0.8	0.0
170	2.1	2.4	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.2	1.3	1.9
180	2.1	2.5	2.0	2.3	0.0	0.0	0.0	0.0	0.0	2.8	8.1	3.4	1.9	3.1	2.1
190	2.1	2.2	2.2	2.5	2.4	0.0	0.0	2.7	3.5	2.1	2.9	1.6	0.9	1.8	2.1
200	2.0	2.1	2.2	2.3	2.5	0.1	0.0	0.0	2.5	2.4	2.0	2.1	1.1	1.9	2.7
210	2.0	2.2	2.1	2.3	2.5	2.3	2.8	2.5	4.8	7.3	4.2	5.0	1.1	2.6	2.0
220	2.0	2.1	2.2	2.5	2.8	2.5	2.6	2.9	2.3	4.0	4.5	0.6	0.6	1.3	2.0
230	2.1	2.1	2.2	2.4	3.0	3.0	3.1	3.3	3.2	0.8	0.6	2.8	0.0	1.8	5.7
240	2.1	2.1	2.2	2.4	3.0	3.4	3.8	2.7	2.1	1.1	0.0	0.3	2.2	1.4	1.8
250	2.0	2.2	2.2	3.0	2.9	3.3	8.3	3.3	2.2	0.0	1.7	0.0	1.8	0.0	2.0
260	2.1	2.2	2.1	2.3	2.6	2.6	2.6	3.6	0.0	0.0	1.0	1.7	3.1	2.2	4.6
270	2.1	2.1	2.2	2.6	2.8	2.8	1.9	6.3	2.3	0.2	1.9	2.5	0.0	3.0	4.3
280	2.1	2.1	3.5	2.8	4.0	2.4	2.0	6.0	2.6	0.0	0.0	2.6	0.0	2.8	6.1
290	2.2	2.3	4.0	1.6	6.3	3.2	2.6	5.7	3.1	2.9	0.0	0.9	0.0	9.6	3.0
300	2.2	2.2	2.7	3.0	2.7	3.1	3.5	3.9	3.0	0.0	2.7	0.0	0.0	0.4	5.8
310	2.1	2.2	7.7	3.0	3.1	3.1	3.2	3.0	0.0	0.0	2.4	2.6	0.0	0.0	2.4
320	2.1	2.2	2.7	2.9	3.0	3.5	2.6	0.0	0.0	2.6	1.9	2.3	0.0	0.0	0.0
330	2.2	2.9	2.8	3.0	2.7	2.9	0.0	0.0	0.0	2.1	2.1	5.6	0.0	0.0	0.0
340	2.1	2.7	2.9	3.1	3.0	2.6	0.0	0.0	0.0	2.5	2.7	1.9	2.7	0.0	0.0
350	2.3	2.2	3.3	3.0	2.6	2.5	3.9	5.6	0.0	6.6	2.3	4.7	2.5	0.0	0.0

Forkortelser benyttet for kildeparametrene:

Nr.....: Internt kildenummer
ID.....: Tekst til identificering af kilde
X.....: X-koordinat for kilde [m]
Y.....: Y-koordinat for kilde [m]
Z.....: Terrænkote for skorstensfod [m]
HS.....: Skorstenshøjde over terræn [m]
T.....: Temperatur af røggas [Kelvin]/[Celsius]
VOL.....: Volumenmængde af røggas [normal m3/sek]
DSO.....: Ydre diameter af skorstenstop [m]
DSI.....: Indre diameter af skorstenstop [m]
HB.....: Generel beregningsmæssig bygningshøjde [m]
QI.....: Emission af stof nr. 'i' [gram/sek], [MLE/sek] eller [MOU/sek]

Punktkilder.

Kildedata:

Nr	ID	X	Y	Z	HS	T(C)	VOL	DSI	DSO	HB	Q1	Q2	Q3
1	1	727753.	6176879.	2.1	35.0	18.	26.00	1.60	2.00	15.0	0.1180	0.0000	0.0000

Tidsvariationer i emissionen fra punktkilder.

Emissionerne fra de enkelte punktkilder er konstant.

Afledte kildeparametre:

Kilde nr.	Vertikal røggashastighed m/s	Buoyancy flux (termisk løft) (omtrentlig) m4/s3
1	13.8	2.4

Der er ingen retningsafhængige bygningsdata.

Side til advarsler.

Lugt Periode: 740101-831231

De 4. største månedlige 99%-fraktiler (µg/m3)

Retning (grader)	Afstand (m)														
	50	75	100	150	200	300	400	500	600	700	800	1000	1500	2000	2500
0	100.7	50.7	31.8	16.6	10.6	5.7	4.2	3.3	2.7	2.3	2.0	1.6	0.9	0.7	0.5
10	112.8	55.7	34.8	17.5	11.0	6.7	4.6	3.6	3.0	2.5	2.2	1.7	1.0	0.7	0.5
20	114.2	56.7	34.6	17.8	11.3	6.7	4.8	3.7	3.0	2.5	2.2	1.7	1.0	0.7	0.5
30	113.9	58.0	36.5	18.4	11.6	6.4	4.9	3.8	3.1	2.5	2.1	1.7	1.0	0.7	0.5
40	118.0	56.4	35.4	18.4	12.0	6.7	4.8	3.7	3.1	2.6	2.2	1.7	1.0	0.7	0.5
50	117.0	56.9	35.2	18.2	11.1	6.2	4.6	3.6	2.9	2.5	2.1	1.6	1.0	0.7	0.5
60	118.7	57.6	36.8	18.6	11.7	6.3	4.3	3.3	2.9	2.4	2.1	1.6	1.0	0.7	0.5
70	124.0	62.3	38.2	19.9	12.6	6.6	4.6	3.7	3.0	2.5	2.1	1.6	1.0	0.7	0.5
80	131.5	64.1	39.9	20.7	13.1	7.3	5.1	4.0	3.3	2.7	2.3	1.8	1.1	0.7	0.5
90	127.1	62.9	39.6	20.3	13.4	7.8	5.6	4.3	3.5	2.9	2.5	1.9	1.2	0.8	0.6
100	122.4	59.9	37.1	19.4	12.4	7.4	5.4	4.2	3.5	2.9	2.4	1.9	1.1	0.8	0.6
110	117.4	58.9	34.2	17.7	11.5	6.7	4.9	3.8	3.1	2.6	2.2	1.7	1.0	0.7	0.5
120	108.2	54.1	32.6	16.1	11.2	6.9	5.1	3.9	3.1	2.5	2.2	1.7	1.1	0.7	0.5
130	102.5	54.2	33.4	15.8	11.1	6.4	4.7	3.4	2.9	2.4	2.0	1.6	1.0	0.7	0.5
140	83.9	44.4	27.0	14.3	10.3	5.6	4.3	3.8	2.7	2.3	2.2	1.5	1.0	0.7	0.5
150	49.9	29.6	20.9	12.5	8.5	5.3	4.2	3.3	2.9	2.3	2.0	1.5	0.9	0.6	0.5

160	45.5	28.7	19.1	11.8	8.6	5.5	4.1	3.4	2.8	2.4	2.0	1.5	0.9	0.7	0.5
170	53.6	28.3	20.4	12.0	8.4	5.5	4.1	3.2	2.6	2.2	1.9	1.5	0.9	0.7	0.5
180	65.8	38.5	23.9	13.9	9.0	5.8	4.3	3.4	2.8	2.4	2.3	1.5	1.0	0.7	0.5
190	70.3	38.5	24.9	13.9	9.0	5.4	4.0	3.3	2.8	2.2	2.0	1.5	0.9	0.6	0.5
200	82.0	41.2	26.7	15.0	9.7	5.4	3.9	3.1	2.6	2.2	1.9	1.4	0.9	0.6	0.5
210	82.6	41.7	27.8	14.8	9.3	5.3	3.9	3.1	2.8	2.5	2.0	1.6	0.9	0.6	0.5
220	90.4	44.3	26.8	14.3	10.0	5.7	4.2	3.3	2.6	2.4	2.1	1.5	0.9	0.6	0.5
230	98.0	46.7	29.4	15.1	10.2	6.2	4.5	3.6	2.9	2.3	2.0	1.6	1.0	0.7	0.5
240	94.0	50.7	31.8	16.3	10.7	6.5	4.8	3.6	2.8	2.4	2.1	1.6	1.0	0.7	0.5
250	106.3	52.6	32.6	17.6	11.1	6.6	5.7	3.8	2.9	2.4	2.1	1.6	1.0	0.7	0.5
260	104.6	55.5	33.7	17.8	11.3	6.4	4.7	3.8	2.8	2.4	2.0	1.6	1.0	0.7	0.5
270	99.9	51.7	32.0	17.2	10.9	7.1	4.8	4.5	3.1	2.5	2.2	1.7	1.0	0.7	0.5
280	107.0	55.0	36.2	18.0	12.0	6.3	4.8	4.2	3.1	2.6	2.2	1.7	1.0	0.7	0.6
290	111.7	56.9	37.6	17.4	12.4	6.6	4.9	4.0	3.1	2.6	2.3	1.7	1.0	0.7	0.5
300	110.0	56.0	34.7	17.7	11.5	6.6	5.0	4.0	3.3	2.7	2.4	1.8	1.0	0.7	0.6
310	106.2	56.6	38.0	17.5	11.8	7.1	5.0	4.0	3.3	2.7	2.3	1.8	1.1	0.7	0.5
320	100.0	52.3	32.9	17.2	11.1	7.1	4.9	3.7	3.0	2.6	2.2	1.7	1.0	0.7	0.5
330	100.0	54.1	32.6	17.2	11.0	6.4	4.5	3.5	2.9	2.5	2.1	1.8	1.0	0.7	0.5
340	98.3	52.5	32.3	16.8	10.6	5.9	4.3	3.4	2.8	2.4	2.0	1.5	1.0	0.7	0.5
350	98.3	51.4	34.0	17.6	10.9	6.2	4.6	3.7	2.6	2.6	1.9	1.6	0.9	0.6	0.5

Maksimum= 131.48 i afstand 50 m og retning 80 grader i 198209 (yyyymm)

Dato: 2026/03/25 OML-Multi PC-version 20240314/7.10 Side 6
DCE - Nationalt Center for Miljø og Energi, Aarhus Universitet

Lugt Periode: 740101-831231

De største månedlige 99%-fraktiler (µg/m3)

Retning (grader)	Afstand (m)														
	50	75	100	150	200	300	400	500	600	700	800	1000	1500	2000	2500
0	111.9	54.3	37.0	20.1	12.4	6.4	4.5	3.5	2.9	2.4	2.0	1.6	1.0	0.7	0.5
10	119.2	59.3	37.5	19.3	12.1	7.1	4.7	3.7	3.0	2.6	2.3	1.7	1.0	0.7	0.5
20	124.6	64.5	40.0	19.8	12.7	7.5	5.2	3.8	3.1	2.6	2.3	1.7	1.1	0.7	0.5
30	126.1	61.4	37.8	18.7	12.6	7.6	5.6	4.3	3.5	2.8	2.4	1.8	1.1	0.8	0.6
40	126.1	60.8	37.0	19.4	13.2	8.4	5.7	4.4	3.5	2.9	2.5	1.9	1.2	0.8	0.6
50	124.9	60.2	36.6	18.7	11.7	6.9	5.0	4.1	3.3	2.8	2.4	1.8	1.1	0.7	0.5
60	125.0	60.0	39.5	20.8	12.7	6.4	4.9	3.9	3.3	2.7	2.3	1.8	1.1	0.7	0.5
70	129.3	65.0	39.9	21.1	13.2	7.0	5.0	3.8	3.1	2.6	2.3	1.7	1.1	0.7	0.6
80	142.6	67.6	42.6	21.2	13.6	8.0	5.6	4.1	3.3	2.7	2.4	1.8	1.1	0.8	0.6
90	135.0	67.3	40.3	21.0	14.1	8.2	5.9	4.5	3.7	3.1	2.7	2.0	1.2	0.8	0.6
100	132.5	68.7	42.3	20.8	13.6	8.2	5.8	4.4	3.5	3.0	2.5	1.9	1.2	0.8	0.6
110	127.8	62.5	37.8	19.2	12.0	6.9	5.2	4.1	3.4	2.8	2.4	1.8	1.1	0.7	0.5
120	132.0	64.5	38.3	20.5	12.8	7.5	5.5	4.1	3.3	2.8	2.4	1.8	1.2	0.8	0.6
130	123.3	66.5	39.7	19.2	12.4	7.3	5.9	4.4	3.5	2.9	2.4	1.9	1.2	0.8	0.6
140	90.4	49.8	31.4	17.4	11.9	6.3	5.0	4.4	3.0	2.6	2.4	1.7	1.1	0.7	0.5
150	87.8	44.3	26.3	14.0	10.0	6.0	4.7	3.6	3.2	2.5	2.2	1.7	1.0	0.7	0.5
160	65.6	38.3	24.8	13.3	8.8	5.9	4.7	3.9	3.2	2.7	2.3	1.7	1.0	0.7	0.5
170	83.7	41.3	24.1	12.2	8.9	6.1	4.7	3.8	3.2	2.7	2.3	1.8	1.0	0.7	0.5
180	89.5	45.1	26.5	16.6	11.0	7.1	5.2	4.1	3.3	2.8	2.7	1.9	1.1	0.8	0.6
190	77.9	41.5	29.0	15.6	9.9	6.3	4.7	3.8	3.2	2.5	2.2	1.6	1.0	0.7	0.5
200	105.4	52.4	32.3	16.1	10.2	6.3	4.7	3.7	3.1	2.6	2.2	1.7	1.0	0.7	0.5
210	106.4	56.3	33.0	16.9	10.6	5.8	4.5	3.5	3.2	2.8	2.2	1.7	1.0	0.7	0.5
220	110.1	57.1	34.0	16.3	10.7	6.4	4.8	3.8	3.0	2.7	2.4	1.7	1.0	0.7	0.5
230	113.7	53.6	32.3	16.4	11.1	7.0	5.0	3.9	3.2	2.6	2.2	1.8	1.1	0.7	0.6
240	115.2	57.6	36.2	18.2	11.2	6.9	5.2	4.0	3.1	2.6	2.2	1.7	1.1	0.7	0.6
250	120.4	58.6	36.2	20.2	13.0	7.5	6.2	4.1	3.1	2.6	2.2	1.7	1.0	0.7	0.6
260	120.9	61.7	38.1	18.4	12.6	7.9	5.7	4.7	3.6	3.0	2.5	1.9	1.2	0.8	0.6
270	113.6	59.5	36.4	19.3	13.4	7.5	5.1	4.7	3.2	2.6	2.3	1.8	1.1	0.8	0.6
280	121.9	64.0	41.9	20.5	14.0	7.0	5.1	4.4	3.3	2.7	2.3	1.8	1.1	0.7	0.6
290	118.1	60.0	38.2	18.9	13.6	7.4	5.2	4.4	3.4	2.9	2.4	1.8	1.1	0.8	0.6
300	123.4	60.7	39.3	19.8	13.5	8.4	5.9	4.6	3.6	2.9	2.5	1.9	1.2	0.8	0.6
310	116.9	59.6	43.0	20.7	14.9	8.8	6.3	4.8	3.7	3.1	2.6	2.0	1.2	0.8	0.6
320	107.2	54.5	35.4	18.0	12.3	7.5	5.4	4.3	3.5	2.9	2.5	1.9	1.1	0.8	0.6
330	110.2	61.3	37.1	18.6	11.7	7.1	5.0	4.0	3.3	2.8	2.4	1.9	1.1	0.7	0.5
340	102.0	56.5	34.8	18.7	11.9	7.0	4.9	3.9	3.1	2.7	2.3	1.8	1.1	0.7	0.5
350	106.2	56.3	36.9	18.3	12.1	6.6	5.0	4.1	2.9	2.8	2.1	1.7	1.0	0.7	0.5

Maksimum= 142.59 i afstand 50 m og retning 80 grader i 198310 (yyyymm)

Dato: 2026/03/25 OML-Multi PC-version 20240314/7.10 Side 7
DCE - Nationalt Center for Miljø og Energi, Aarhus Universitet

Lugt Periode: 740101-831231

Middelværdier (µg/m3)

Retning (grader)	Afstand (m)															
	50	75	100	150	200	300	400	500	600	700	800	1000	1500	2000	2500	
0	2.1	1.2	0.8	0.5	0.3	0.2	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	
10	2.6	1.4	1.0	0.6	0.4	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	
20	3.0	1.7	1.1	0.6	0.4	0.3	0.2	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	
30	3.4	1.8	1.2	0.7	0.5	0.3	0.2	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	
40	3.6	1.9	1.3	0.7	0.5	0.3	0.2	0.2	0.1	0.1	0.1	0.1	0.0	0.0	0.0	
50	4.4	2.3	1.5	0.8	0.5	0.3	0.2	0.2	0.1	0.1	0.1	0.1	0.0	0.0	0.0	
60	5.1	2.6	1.7	0.9	0.6	0.3	0.2	0.2	0.1	0.1	0.1	0.1	0.0	0.0	0.0	
70	5.4	2.8	1.8	1.0	0.7	0.4	0.2	0.2	0.1	0.1	0.1	0.1	0.0	0.0	0.0	
80	5.7	2.9	1.9	1.1	0.7	0.4	0.3	0.2	0.2	0.1	0.1	0.1	0.1	0.0	0.0	
90	5.2	2.8	1.8	1.0	0.7	0.4	0.3	0.2	0.2	0.1	0.1	0.1	0.1	0.0	0.0	
100	4.7	2.5	1.6	0.9	0.6	0.3	0.2	0.2	0.1	0.1	0.1	0.1	0.0	0.0	0.0	
110	3.7	2.0	1.3	0.7	0.5	0.3	0.2	0.2	0.1	0.1	0.1	0.1	0.0	0.0	0.0	
120	2.7	1.5	1.0	0.5	0.4	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	
130	1.8	1.1	0.7	0.4	0.3	0.2	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	
140	1.3	0.8	0.6	0.4	0.3	0.2	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	
150	1.0	0.7	0.5	0.3	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	
160	0.9	0.6	0.4	0.3	0.2	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	
170	0.9	0.6	0.4	0.3	0.2	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	
180	1.0	0.6	0.5	0.3	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	
190	1.1	0.7	0.5	0.3	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	
200	1.2	0.7	0.5	0.3	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	
210	1.3	0.8	0.6	0.4	0.3	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	
220	1.4	0.8	0.6	0.4	0.3	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	
230	1.6	1.0	0.7	0.4	0.3	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	
240	1.9	1.1	0.8	0.5	0.3	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	
250	2.1	1.2	0.8	0.5	0.4	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	
260	2.0	1.2	0.8	0.5	0.4	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	
270	2.1	1.2	0.9	0.5	0.4	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	
280	2.4	1.4	1.0	0.6	0.4	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	
290	2.9	1.7	1.2	0.6	0.5	0.3	0.2	0.2	0.1	0.1	0.1	0.1	0.0	0.0	0.0	
300	3.0	1.7	1.2	0.7	0.4	0.3	0.2	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	
310	2.5	1.4	1.2	0.6	0.4	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	
320	2.1	1.2	0.8	0.5	0.3	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	
330	1.9	1.1	0.8	0.5	0.3	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	
340	1.8	1.1	0.8	0.4	0.3	0.2	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	
350	1.9	1.1	0.8	0.5	0.3	0.2	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	

Maksimum= 5.71 i afstand 50 m og retning 80 grader.

Dato: 2026/03/25 OML-Multi PC-version 20240314/7.10 Side 8
DCE - Nationalt Center for Miljø og Energi, Aarhus Universitet

Lugt Periode: 740101-831231

Maksimalt timeværdier (µg/m3)

Retning (grader)	Afstand (m)															
	50	75	100	150	200	300	400	500	600	700	800	1000	1500	2000	2500	
0	147.2	72.5	46.7	30.3	22.0	12.4	8.4	6.2	4.8	3.9	3.3	2.5	1.5	1.3	1.1	
10	148.6	74.7	45.4	26.5	18.6	11.5	7.7	5.8	4.6	3.8	3.3	2.5	1.4	1.0	0.9	
20	156.6	79.2	47.8	27.1	18.0	11.4	8.0	5.8	4.6	3.8	3.2	2.4	1.4	1.1	0.9	
30	166.7	81.4	52.0	30.3	22.1	12.8	9.1	7.2	6.0	5.1	4.3	3.2	1.9	1.6	1.3	
40	165.6	83.7	53.4	28.3	20.4	12.1	8.2	6.2	5.0	4.6	4.2	3.6	2.6	2.1	1.7	
50	168.0	81.7	50.8	28.4	20.2	12.0	8.0	6.1	4.8	4.0	3.6	3.0	2.1	1.7	1.5	
60	170.1	77.9	52.7	26.3	18.9	11.4	7.7	5.9	5.2	4.5	4.1	3.3	2.3	1.8	1.5	
70	163.9	83.5	55.6	30.1	22.0	13.2	9.0	6.7	5.3	4.3	3.6	2.7	1.9	1.6	1.4	
80	176.4	81.9	55.9	30.1	20.9	12.2	8.4	6.3	4.9	4.0	3.4	2.6	1.6	1.4	1.2	
90	163.9	81.7	50.2	31.9	22.1	12.8	8.6	6.4	5.0	4.0	3.4	2.8	2.2	1.7	1.4	
100	167.1	83.3	54.0	32.8	23.1	13.6	9.2	6.7	5.3	4.3	3.6	2.7	2.1	1.6	1.4	
110	171.7	89.7	54.2	28.8	19.2	12.0	8.3	6.3	5.0	4.1	3.4	2.8	2.2	1.8	1.5	
120	198.8	106.1	64.7	31.7	20.2	12.5	8.9	6.5	5.1	4.2	3.6	2.6	2.0	1.6	1.3	
130	157.5	84.5	52.7	27.0	18.4	11.6	8.9	6.2	5.0	4.0	3.4	2.5	1.5	1.1	0.9	
140	161.1	83.3	52.5	29.3	22.9	11.3	8.4	6.9	4.8	4.0	3.6	2.5	1.7	1.3	1.1	
150	137.7	74.3	44.8	27.1	19.8	12.1	8.7	6.4	5.2	4.2	3.6	2.7	1.6	1.3	1.0	
160	134.4	74.5	45.2	24.2	16.8	10.7	7.6	6.1	4.8	4.5	4.1	3.6	2.8	2.2	1.9	
170	148.1	73.2	44.4	24.1	18.0	11.5	8.1	6.1	4.8	3.9	3.3	2.5	1.8	1.4	1.2	
180	140.5	79.2	47.4	24.1	15.4	10.0	7.1	5.4	4.7	4.1	4.0	3.6	2.7	2.2	1.9	
190	130.7	68.2	44.8	23.5	14.3	8.8	6.8	6.1	5.3	4.5	4.1	3.3	2.4	1.9	1.6	
200	131.2	67.2	50.2	28.2	17.7	9.0	6.5	5.0	4.2	3.4	3.2	2.9	2.3	1.9	1.6	
210	140.6	73.2	44.4	28.5	19.7	10.9	7.2	5.1	4.5	3.9	3.0	2.4	1.8	1.4	1.2	
220	159.6	78.0	49.9	25.2	17.7	11.0	7.9	6.2	4.8	4.2	3.7	2.8	1.8	1.4	1.1	
230	147.0	84.3	53.9	34.5	26.1	15.1	10.1	7.4	5.7	4.5	3.7	2.8	1.8	1.4	1.2	
240	139.2	69.8	46.1	24.7	16.1	10.6	7.6	5.4	4.2	3.5	3.1	2.6	2.0	1.6	1.4	
250	141.4	78.3	52.8	29.4	19.0	12.2	9.9	6.3	4.7	4.1	3.6	3.0	2.2	1.7	1.3	
260	142.2	76.4	51.8	34.6	25.1	14.6	9.8	7.4	5.7	4.7	4.0	3.2	2.3	1.8	1.4	
270	130.9	74.8	47.5	31.0	21.9	12.6	8.1	6.6	4.7	3.8	3.4	2.8	2.0	1.5	1.2	
280	159.8	81.6	61.4	34.5	25.9	13.3	9.4	7.8	6.2	5.1	4.3	3.2	2.2	1.7	1.5	

290	146.5	78.3	55.0	26.2	22.8	15.1	11.1	9.3	7.6	6.4	5.4	4.1	2.5	2.0	1.7
300	153.9	81.3	52.7	30.3	20.3	13.0	9.1	7.0	5.6	4.5	3.8	2.9	2.3	2.0	1.7
310	147.8	78.7	83.1	37.8	26.2	15.0	10.0	7.5	6.0	5.0	4.2	3.3	2.2	1.8	1.5
320	151.6	81.1	59.4	38.2	26.6	15.5	9.9	7.0	5.5	4.6	4.0	3.1	2.0	1.5	1.2
330	145.5	82.1	49.2	28.5	19.9	12.3	8.0	6.3	5.5	4.9	4.5	3.8	2.5	1.9	1.6
340	157.8	87.4	52.7	34.0	23.6	13.3	9.7	8.5	7.5	6.6	5.8	4.5	2.9	2.2	1.7
350	148.9	83.6	56.4	28.3	18.8	11.5	8.6	6.7	4.7	4.3	3.3	2.6	1.8	1.3	1.1

Maksimum= 198.77 i afstand 50 m og retning 120 grader.

Dato: 2026/03/25 OML-Multi PC-version 20240314/7.10 Side 9
DCE - Nationalt Center for Miljø og Energi, Aarhus Universitet

Benyttede filer.

Følgende inputfiler er benyttet i beregningerne:

Punktkilder Z:\Tasks\126\126-22081\Data\OML filer\sweeps\sweep_003\run_005\ARC_sorteringsanlæg_run_005.kld
 Meteorologi..... C:\OML_Data\Aal7483LST.met
 Receptorer..... Z:\Tasks\126\126-22081\Data\OML filer\sweeps\sweep_003\run_005\ARC_sorteringsanlæg_run_005.rct
 Beregningsopsætning..... Z:\Tasks\126\126-22081\Data\OML filer\ARC_sorteringsanlæg.opt

Følgende outputfil er benyttet:

Resultater Z:\Tasks\126\126-22081\Data\OML filer\sweeps\sweep_003\run_005\ARC_sorteringsanlæg_run_005.log

Dato: 2026/03/25 OML-Multi PC-version 20240314/7.10 Side 1
DCE - Nationalt Center for Miljø og Energi, Aarhus Universitet

Meteorologiske spredningsberegninger er udført for følgende periode (lokal standard tid):

Start af beregningen = 740101 kl. 1
 Slut på beregningen (incl.) = 831231 kl. 24

Meteorologiske data er fra: AALBORG

Koordinatsystem.

Der er anvendt et x,y-koordinatsystem med x-akse mod øst (90 grader) og y-akse mod nord (0 grader).
 Enheden er meter. Systemet er fælles for receptorer og kilder. Origo kan fastlægges frit, fx. i skorstensfoden for den mest dominerende kilde eller som i UTM-systemet.

Receptordata.

Ruhedslængde, z0 = 0.300 m

Største terrænhældning = 13 grader

Receptorerne er beliggende med 10 graders interval i 15 koncentriske cirkler med centrum x,y: 727753., 6176879.

og radierne (m):

50.	75.	100.	125.	150.
175.	200.	250.	300.	350.
400.	450.	500.	600.	700.

Terrænhøjder er ikke alle ens.

Alle receptorhøjder = 35.0 m.

Alle overflader er typenr. = 2 (Har kun betydning ved VVM-deposition)

Dato: 2026/03/25 OML-Multi PC-version 20240314/7.10 Side 2
DCE - Nationalt Center for Miljø og Energi, Aarhus Universitet

Terrænhøjder [m]

Retning (grader)	Afstand (m)														
	50	75	100	125	150	175	200	250	300	350	400	450	500	600	700
0	2.6	2.2	2.6	2.7	2.6	2.8	2.8	2.6	2.5	2.2	1.9	1.7	0.0	0.0	2.7
10	2.7	2.5	2.3	2.3	2.7	2.8	2.7	2.6	2.7	2.6	2.1	2.0	2.9	0.0	0.0
20	2.8	2.5	2.2	2.7	2.4	2.5	2.4	2.7	2.6	2.7	2.6	2.6	2.5	1.8	0.0
30	2.9	2.5	2.3	2.4	2.3	2.3	2.5	2.5	2.3	2.0	2.5	2.6	2.5	2.8	0.0

40	2.4	2.3	2.4	2.1	2.1	2.4	2.3	2.5	2.4	2.6	2.6	2.5	2.7	3.0	3.0
50	3.0	2.3	2.5	1.5	2.2	2.4	2.4	2.4	2.7	2.4	2.3	1.7	2.0	2.8	2.7
60	2.9	2.2	2.6	2.6	2.2	2.5	2.4	2.4	2.4	2.3	1.9	0.9	2.9	2.8	2.8
70	2.9	2.4	2.3	2.3	2.3	2.4	2.4	2.3	2.3	0.0	0.0	0.0	0.0	0.0	0.0
80	3.1	2.3	2.3	2.3	2.4	2.3	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90	3.1	2.5	2.2	2.3	2.4	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	1.9
100	3.1	2.7	2.3	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.4	2.7	2.3
110	3.2	3.0	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	2.6	1.9	2.8
120	3.0	3.1	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	2.1	2.3	2.1	2.4
130	2.3	2.7	2.7	3.1	1.1	0.0	0.0	0.0	0.0	2.6	3.5	3.3	2.6	2.1	2.1
140	2.2	2.7	2.4	0.0	0.0	0.0	1.3	0.0	4.3	0.4	4.7	2.6	2.7	2.7	2.4
150	2.1	2.6	2.3	0.0	0.0	0.0	0.0	0.0	0.0	2.3	6.8	2.4	2.4	2.7	
160	2.2	2.5	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.5	2.3	1.2	0.0
170	2.1	2.4	2.4	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180	2.1	2.2	2.2	2.5	2.3	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	2.3
190	2.0	2.2	2.2	2.3	2.5	2.3	2.3	0.0	1.6	0.0	0.0	0.0	2.9	2.3	2.0
200	2.0	2.1	2.2	2.3	2.5	2.4	1.9	2.5	2.5	2.5	3.0	2.7	2.8	2.5	2.6
210	2.0	2.2	2.2	2.3	2.3	2.4	2.3	2.4	2.3	2.3	2.5	2.8	2.7	2.9	2.1
220	2.0	2.1	2.2	2.3	2.5	2.7	2.8	2.6	2.7	2.6	2.7	2.9	2.7	2.6	4.1
230	2.1	2.1	2.2	2.4	2.4	2.9	3.0	3.3	3.4	5.4	3.8	4.3	3.2	2.4	0.9
240	2.1	2.1	2.3	2.3	2.4	2.7	3.0	3.3	3.1	3.1	3.8	6.0	2.8	2.1	1.6
250	2.0	2.2	2.2	2.3	2.8	2.9	2.9	3.3	2.8	3.2	5.4	2.4	5.6	0.0	0.0
260	2.1	2.2	2.1	2.2	2.3	2.7	2.6	2.9	4.7	2.4	2.5	10.8	4.0	2.0	0.0
270	2.1	2.1	2.3	2.6	2.7	2.9	2.9	3.0	5.5	2.3	2.8	14.6	6.0	2.6	0.0
280	2.1	2.1	3.7	2.7	2.7	4.5	5.3	3.2	2.5	2.6	2.2	11.8	6.2	3.1	0.4
290	2.2	2.3	4.0	2.8	2.2	2.1	4.0	2.8	3.3	3.1	2.3	3.8	6.0	3.2	3.3
300	2.2	2.2	7.0	2.9	3.0	3.2	3.2	2.4	2.9	3.0	3.5	3.5	4.1	2.9	0.0
310	2.1	2.2	2.5	2.9	3.0	3.1	2.9	3.6	3.6	3.5	3.1	0.0	0.0	0.9	0.0
320	2.1	2.6	3.1	3.9	2.9	2.9	3.0	2.4	3.3	3.1	2.5	0.0	0.0	0.0	2.4
330	2.2	2.8	2.9	3.1	3.4	3.1	4.2	2.4	2.9	2.5	0.0	0.0	0.0	0.0	3.8
340	2.3	2.4	3.0	3.2	3.1	3.1	3.1	3.1	2.7	3.4	0.0	0.0	0.0	0.0	2.6
350	2.3	2.2	3.3	2.9	2.3	2.3	2.8	2.9	2.3	1.9	1.7	1.8	0.0	3.2	2.0

Dato: 2026/03/25 OML-Multi PC-version 20240314/7.10 Side 3
DCE - Nationalt Center for Miljø og Energi, Aarhus Universitet

Forkortelser benyttet for kildeparametrene:

Nr.....: Internt kildenummer
ID.....: Tekst til identificering af kilde
X.....: X-koordinat for kilde [m]
Y.....: Y-koordinat for kilde [m]
Z.....: Terrænkote for skorstensfod [m]
HS.....: Skorstenshøjde over terræn [m]
T.....: Temperatur af røggas [Kelvin]/[Celsius]
VOL.....: Volumenmængde af røggas [normal m3/sek]
DSO.....: Ydre diameter af skorstenstop [m]
DSI.....: Indre diameter af skorstenstop [m]
HB.....: Generel beregningsmæssig bygningshøjde [m]
QI.....: Emission af stof nr. 'i' [gram/sek], [MLE/sek] eller [MOU/sek]

Punktkilder.

Kildedata:

Nr ID	X	Y	Z	HS	T(C)	VOL	DSI	DSO	HB	Q1	Q2	Q3
1 1	727753.	6176879.	2.1	35.0	18.	26.00	1.60	2.00	15.0	0.1180	0.0000	0.0000

Tidsvariationer i emissionen fra punktkilder.

Emissionerne fra de enkelte punktkilder er konstant.

Afledte kildeparametre:

Kilde nr.	Vertikal røggashastighed m/s	Buoyancy flux (termisk løft) (omtrentlig) m4/s3
1	13.8	2.4

Der er ingen retningsafhængige bygningsdata.

Dato: 2026/03/25 OML-Multi PC-version 20240314/7.10 Side 4
DCE - Nationalt Center for Miljø og Energi, Aarhus Universitet

Side til advarsler.

Dato: 2026/03/25 OML-Multi PC-version 20240314/7.10 Side 5

Lugt Periode: 740101-831231

De 4. største månedlige 99%-fraktiler (µg/m3)

Retning (grader)	Afstand (m)														
	50	75	100	125	150	175	200	250	300	350	400	450	500	600	700
0	101.1	50.8	31.8	22.4	16.6	13.0	10.6	7.5	5.8	4.9	4.2	3.7	3.3	2.7	2.4
10	113.1	56.4	34.8	24.0	17.4	13.8	11.0	7.9	6.7	5.5	4.6	4.0	3.8	3.0	2.5
20	114.2	56.8	34.6	24.7	17.8	13.9	11.3	8.4	6.7	5.7	4.8	4.2	3.7	3.0	2.5
30	114.3	58.4	36.5	25.1	18.4	14.2	11.6	8.5	6.6	5.5	4.8	4.3	3.8	3.1	2.5
40	110.8	56.5	35.5	24.8	18.3	14.9	12.0	8.7	6.7	5.5	4.8	4.1	3.7	3.1	2.6
50	117.3	57.1	36.0	24.4	18.1	13.9	11.1	8.0	6.3	5.2	4.6	3.9	3.5	2.9	2.5
60	118.2	57.6	36.8	25.6	18.6	14.6	11.6	7.9	6.3	5.2	4.3	3.7	3.4	2.9	2.4
70	124.2	62.5	38.4	26.7	19.9	15.3	12.5	8.6	6.6	5.3	4.6	4.1	3.7	3.0	2.5
80	131.7	64.5	39.9	27.6	20.7	16.0	13.0	9.4	7.3	6.0	5.1	4.6	4.0	3.3	2.7
90	127.4	63.0	39.6	26.9	20.4	15.8	13.2	9.7	7.8	6.5	5.6	4.9	4.3	3.5	2.9
100	122.5	60.0	36.9	25.9	19.4	15.0	12.4	9.4	7.4	6.3	5.4	4.8	4.2	3.5	2.9
110	117.5	59.4	34.5	23.5	17.7	13.8	11.5	8.4	6.7	5.6	4.9	4.2	3.9	3.1	2.7
120	106.8	54.4	32.6	21.7	16.1	13.2	11.2	8.6	6.9	5.7	5.0	4.4	4.0	3.1	2.6
130	102.7	54.2	33.3	22.5	15.8	13.1	11.1	7.9	6.4	5.3	4.7	4.1	3.5	2.8	2.3
140	84.0	44.5	26.9	18.4	13.5	10.6	9.0	6.7	6.4	4.7	4.8	3.7	3.4	2.8	2.3
150	50.0	30.4	21.2	15.6	12.5	10.2	8.5	6.5	5.3	4.7	4.1	4.1	3.3	2.7	2.3
160	45.7	28.8	19.0	14.6	11.8	10.0	8.6	6.6	5.5	4.7	4.1	3.7	3.4	2.8	2.3
170	53.6	28.4	20.4	15.5	12.0	10.0	8.4	6.6	5.5	4.6	4.1	3.6	3.2	2.6	2.2
180	65.9	37.8	24.1	17.6	13.9	11.1	9.0	6.9	5.8	5.0	4.3	3.8	3.4	2.8	2.4
190	70.3	38.6	24.9	17.5	13.9	11.1	9.0	6.5	5.4	4.6	4.0	3.5	3.3	2.6	2.2
200	82.0	41.3	26.7	19.3	15.3	12.0	9.6	7.0	5.5	4.7	4.1	3.6	3.2	2.6	2.2
210	82.6	41.8	28.0	19.9	14.9	11.4	9.3	7.0	5.3	4.4	3.9	3.5	3.1	2.6	2.2
220	90.4	44.3	26.8	18.9	14.4	12.1	10.0	7.3	5.8	4.8	4.2	3.7	3.3	2.7	2.4
230	98.2	46.8	29.4	20.6	15.1	12.2	10.2	7.9	6.3	5.8	4.7	4.3	3.6	2.8	2.3
240	94.4	50.8	32.0	22.2	16.3	12.6	10.8	7.9	6.4	5.4	4.8	4.6	3.6	2.8	2.4
250	106.3	52.7	32.6	23.5	17.5	13.4	11.1	8.2	6.4	5.6	5.3	4.0	4.1	2.9	2.4
260	104.9	55.5	33.8	23.0	17.8	14.0	11.3	8.1	7.0	5.3	4.7	5.0	3.9	2.8	2.4
270	100.1	51.8	32.2	22.9	17.2	14.0	11.0	8.7	8.0	5.7	5.0	5.9	4.4	3.1	2.5
280	107.2	55.2	36.4	23.8	17.9	15.3	12.5	8.3	6.3	5.4	4.8	5.4	4.2	3.1	2.6
290	112.0	57.0	37.6	24.7	17.5	13.3	11.4	7.9	6.6	5.7	4.9	4.3	4.0	3.1	2.6
300	110.2	56.0	37.8	23.8	17.7	14.1	11.4	8.1	6.6	5.7	5.0	4.5	4.0	3.3	2.7
310	106.5	56.6	34.6	23.6	17.6	14.2	11.7	9.2	7.1	6.0	5.0	4.4	4.0	3.3	2.7
320	100.1	52.6	33.4	24.1	17.2	13.3	11.1	7.7	7.0	5.8	4.8	4.1	3.7	3.0	2.6
330	100.1	53.9	32.8	23.0	17.3	13.6	11.4	7.7	6.4	5.3	4.5	4.0	3.5	2.9	2.6
340	100.2	51.0	32.4	22.6	16.8	13.2	10.7	7.7	6.0	5.2	4.3	3.8	3.4	2.8	2.4
350	98.5	51.5	34.0	23.2	16.7	13.6	11.0	7.8	6.1	5.0	4.3	3.7	3.3	2.8	2.2

Maksimum= 131.73 i afstand 50 m og retning 80 grader i 198209 (yyyymm)

Dato: 2026/03/25 OML-Multi PC-version 20240314/7.10 Side 6
DCE - Nationalt Center for Miljø og Energi, Aarhus Universitet

Lugt Periode: 740101-831231

De største månedlige 99%-fraktiler (µg/m3)

Retning (grader)	Afstand (m)														
	50	75	100	125	150	175	200	250	300	350	400	450	500	600	700
0	112.2	54.4	37.0	26.7	20.2	15.7	12.4	8.4	6.5	5.3	4.5	4.0	3.5	2.9	2.5
10	119.5	59.8	37.6	25.9	19.1	14.9	12.1	8.9	7.1	5.8	4.7	4.2	3.9	3.0	2.6
20	124.8	64.5	40.1	27.7	19.8	15.6	12.7	9.3	7.4	6.2	5.1	4.5	3.9	3.1	2.6
30	126.4	61.7	37.8	25.7	18.7	14.5	12.6	9.6	7.7	6.2	5.5	4.9	4.3	3.5	2.8
40	122.9	60.9	37.0	25.5	19.2	16.0	13.1	10.5	8.3	6.8	5.7	4.9	4.4	3.6	3.0
50	125.2	60.3	37.4	25.2	18.6	14.6	11.7	8.4	7.1	5.9	5.1	4.4	3.9	3.3	2.7
60	124.2	60.1	39.5	28.4	20.9	16.1	12.7	8.5	6.4	5.6	4.9	4.4	4.0	3.3	2.7
70	129.5	65.6	40.0	27.5	21.1	16.5	13.1	9.0	7.0	5.7	5.0	4.4	3.8	3.1	2.6
80	142.8	68.0	42.7	28.8	21.2	16.6	13.5	9.9	8.0	6.6	5.6	4.8	4.1	3.3	2.7
90	135.1	67.4	40.3	28.0	21.0	16.6	14.0	10.3	8.2	6.9	5.9	5.1	4.5	3.7	3.1
100	132.8	68.8	42.1	28.6	20.8	16.1	13.6	10.2	8.2	6.8	5.8	5.0	4.5	3.6	2.9
110	127.9	63.6	38.5	26.2	19.2	15.1	12.0	8.8	6.9	5.9	5.2	4.6	4.2	3.3	2.9
120	130.8	64.7	38.3	26.3	20.5	15.9	12.8	9.4	7.5	6.2	5.4	4.7	4.1	3.3	2.8
130	123.6	66.6	39.6	26.6	19.2	15.2	12.4	8.7	7.3	6.5	5.9	5.1	4.4	3.5	2.8
140	90.5	49.8	31.2	21.4	15.9	12.4	10.8	7.6	7.5	5.4	5.5	4.3	3.9	3.1	2.6
150	87.9	44.7	26.9	19.1	14.0	11.4	10.0	7.6	6.0	5.1	4.5	4.9	3.6	2.9	2.5
160	65.9	38.4	24.7	17.6	13.3	10.4	8.8	7.0	5.9	5.2	4.7	4.3	3.9	3.2	2.7
170	83.8	41.4	24.1	16.0	12.2	10.4	8.9	7.1	6.1	5.3	4.7	4.3	3.8	3.2	2.7
180	89.6	44.6	26.6	20.5	16.7	13.3	11.0	8.5	7.1	6.0	5.2	4.6	4.1	3.3	2.7

190	77.9	41.6	29.0	20.3	15.6	12.2	9.9	7.6	6.3	5.5	4.7	4.1	3.8	3.0	2.5
200	105.4	52.5	32.3	22.1	16.2	12.8	10.1	8.0	6.6	5.6	5.0	4.3	3.8	3.1	2.6
210	106.4	56.3	33.1	22.5	16.9	13.1	10.5	7.3	5.9	5.0	4.4	4.0	3.5	2.9	2.4
220	110.1	57.1	34.0	22.3	16.3	13.3	10.7	8.0	6.5	5.5	4.8	4.3	3.8	3.1	2.8
230	114.0	53.7	32.3	22.2	16.5	13.5	11.1	8.7	7.2	6.5	5.2	4.6	3.9	3.1	2.6
240	115.5	57.7	36.5	24.8	18.2	14.2	11.2	8.6	6.9	5.9	5.2	4.8	4.0	3.1	2.6
250	120.4	58.8	36.3	25.0	20.0	15.9	13.0	9.2	7.3	6.3	5.8	4.5	4.4	3.1	2.6
260	121.1	61.8	38.1	25.4	18.4	15.5	12.6	9.9	9.1	6.6	5.7	6.3	4.8	3.6	3.0
270	113.9	59.5	36.7	25.7	19.5	16.2	13.5	9.8	8.7	6.1	5.4	6.1	4.7	3.3	2.6
280	122.2	64.1	42.2	27.9	20.4	17.6	14.2	9.5	7.0	6.1	5.1	5.5	4.4	3.3	2.7
290	118.3	60.1	38.3	25.1	18.9	15.0	12.8	9.1	7.4	6.1	5.2	4.8	4.4	3.4	2.9
300	123.6	60.8	42.9	27.4	19.9	16.2	13.8	10.2	8.3	6.9	5.9	5.1	4.6	3.6	2.9
310	117.0	59.7	36.6	26.0	20.7	17.0	14.7	11.5	9.1	7.5	6.3	5.2	4.6	3.7	3.1
320	107.2	56.2	36.0	25.2	18.0	14.5	12.3	9.2	7.5	6.2	5.4	4.8	4.3	3.5	2.9
330	110.5	61.1	37.3	25.3	19.3	14.6	13.0	8.6	7.1	5.8	5.0	4.5	4.0	3.3	2.8
340	105.4	55.6	34.9	25.0	18.7	14.5	12.0	8.9	7.0	6.3	4.9	4.3	3.9	3.1	2.7
350	106.6	56.4	37.0	25.4	18.1	13.8	12.3	8.9	6.6	5.2	4.5	3.9	3.5	3.0	2.4

Maksimum= 142.83 i afstand 50 m og retning 80 grader i 198310 (yyyymm)

Dato: 2026/03/25 OML-Multi PC-version 20240314/7.10 Side 7
DCE - Nationalt Center for Miljø og Energi, Aarhus Universitet

Lugt Periode: 740101-831231

Middelværdier (µg/m3)

Retning (grader)	Afstand (m)														
	50	75	100	125	150	175	200	250	300	350	400	450	500	600	700
0	2.1	1.2	0.8	0.6	0.5	0.4	0.3	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1
10	2.6	1.5	1.0	0.7	0.6	0.5	0.4	0.3	0.2	0.2	0.2	0.1	0.1	0.1	0.1
20	3.1	1.7	1.1	0.8	0.6	0.5	0.4	0.3	0.3	0.2	0.2	0.2	0.1	0.1	0.1
30	3.4	1.9	1.2	0.9	0.7	0.6	0.5	0.4	0.3	0.2	0.2	0.2	0.1	0.1	0.1
40	3.5	1.9	1.3	0.9	0.7	0.6	0.5	0.4	0.3	0.2	0.2	0.2	0.1	0.1	0.1
50	4.4	2.3	1.5	1.1	0.8	0.7	0.5	0.4	0.3	0.3	0.2	0.2	0.2	0.1	0.1
60	5.1	2.6	1.7	1.2	0.9	0.7	0.6	0.4	0.3	0.3	0.2	0.2	0.2	0.1	0.1
70	5.4	2.8	1.8	1.3	1.0	0.8	0.7	0.5	0.4	0.3	0.2	0.2	0.2	0.1	0.1
80	5.7	2.9	1.9	1.4	1.1	0.8	0.7	0.5	0.4	0.3	0.3	0.2	0.2	0.2	0.1
90	5.3	2.8	1.8	1.3	1.0	0.8	0.7	0.5	0.4	0.3	0.3	0.2	0.2	0.2	0.1
100	4.7	2.5	1.6	1.2	0.9	0.7	0.6	0.4	0.3	0.3	0.2	0.2	0.2	0.1	0.1
110	3.7	2.0	1.3	0.9	0.7	0.6	0.5	0.4	0.3	0.2	0.2	0.2	0.2	0.1	0.1
120	2.7	1.5	1.0	0.7	0.5	0.4	0.4	0.3	0.2	0.2	0.2	0.1	0.1	0.1	0.1
130	1.8	1.1	0.7	0.6	0.4	0.3	0.3	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1
140	1.3	0.8	0.6	0.4	0.3	0.3	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1
150	1.0	0.7	0.5	0.4	0.3	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1
160	0.9	0.6	0.4	0.3	0.3	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1
170	0.9	0.6	0.4	0.3	0.3	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1
180	1.0	0.6	0.5	0.4	0.3	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1
190	1.1	0.7	0.5	0.4	0.3	0.3	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1
200	1.2	0.7	0.5	0.4	0.3	0.3	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1
210	1.3	0.8	0.6	0.4	0.4	0.3	0.3	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1
220	1.4	0.8	0.6	0.5	0.4	0.3	0.3	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1
230	1.6	1.0	0.7	0.5	0.4	0.4	0.3	0.3	0.2	0.2	0.2	0.1	0.1	0.1	0.1
240	1.9	1.1	0.8	0.6	0.5	0.4	0.3	0.3	0.2	0.2	0.2	0.2	0.1	0.1	0.1
250	2.1	1.2	0.8	0.6	0.5	0.4	0.4	0.3	0.2	0.2	0.2	0.1	0.1	0.1	0.1
260	2.0	1.2	0.8	0.6	0.5	0.4	0.4	0.3	0.2	0.2	0.2	0.2	0.1	0.1	0.1
270	2.1	1.2	0.9	0.7	0.5	0.4	0.4	0.3	0.3	0.2	0.2	0.2	0.1	0.1	0.1
280	2.4	1.4	1.0	0.7	0.6	0.5	0.4	0.3	0.2	0.2	0.2	0.2	0.1	0.1	0.1
290	2.9	1.7	1.2	0.8	0.6	0.5	0.5	0.3	0.3	0.2	0.2	0.2	0.2	0.1	0.1
300	3.0	1.7	1.4	0.9	0.7	0.5	0.5	0.3	0.3	0.2	0.2	0.2	0.2	0.1	0.1
310	2.5	1.4	1.0	0.7	0.6	0.5	0.4	0.3	0.2	0.2	0.2	0.1	0.1	0.1	0.1
320	2.1	1.2	0.9	0.7	0.5	0.4	0.3	0.3	0.2	0.2	0.1	0.1	0.1	0.1	0.1
330	1.9	1.1	0.8	0.6	0.5	0.4	0.3	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1
340	1.9	1.1	0.8	0.6	0.4	0.4	0.3	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1
350	1.9	1.1	0.8	0.6	0.4	0.4	0.3	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1

Maksimum= 5.72 i afstand 50 m og retning 80 grader.

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Lugt Periode: 740101-831231

Maksimale timeværdier (µg/m3)

<

Ruhedslængde, z0 = 0.300 m

Største terrænhældning = 12 grader

Receptorerne er beliggende med 10 graders interval i 15 koncentriske cirkler med centrum x,y: 727753., 6176879.

og radierne (m): 50. 75. 100. 150. 200.
300. 400. 500. 600. 700.
800. 1000. 1500. 2000. 2500.

Terrænhøjder er ikke alle ens.

Alle receptorhøjder = 60.0 m.

Alle overflader er typenr. = 2 (Har kun betydning ved VVM-deposition)

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Side 2

Terrænhøjder [m]

Retning (grader)	Afstand (m)														
	50	75	100	150	200	300	400	500	600	700	800	1000	1500	2000	2500
0	2.6	2.2	2.6	2.6	2.8	2.3	2.0	0.0	0.0	2.0	0.3	2.4	2.6	0.0	0.0
10	2.7	2.3	2.3	3.0	2.7	2.7	1.9	1.9	0.0	0.0	2.7	2.7	0.8	0.0	0.0
20	2.8	2.5	2.2	2.4	2.5	2.7	2.7	0.0	1.9	0.0	0.0	0.1	0.1	0.0	0.0
30	2.9	2.4	2.3	2.4	2.5	2.1	2.6	2.6	0.0	0.0	0.0	0.0	0.1	0.0	0.0
40	2.9	2.3	2.4	2.3	2.4	2.5	2.7	2.8	2.9	2.7	2.6	0.0	0.0	0.0	0.0
50	3.0	2.3	2.1	2.3	2.3	2.4	2.3	2.8	2.8	3.0	2.9	0.0	0.0	0.0	0.0
60	3.0	2.2	2.6	2.2	2.5	2.5	1.8	0.6	2.8	2.7	2.7	0.0	0.0	0.0	0.0
70	2.9	2.3	2.2	2.3	2.6	2.4	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80	3.1	2.2	2.3	2.4	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90	3.1	2.5	2.2	2.4	2.3	0.0	0.0	0.0	0.0	2.1	2.2	0.0	0.0	0.0	0.0
100	3.1	2.7	2.4	0.0	0.0	0.0	0.0	1.2	2.3	2.5	2.2	0.0	0.0	0.0	0.0
110	3.2	2.8	2.3	0.0	0.0	0.0	0.0	2.3	2.5	2.5	2.3	2.3	0.0	0.0	0.0
120	3.2	3.0	2.6	0.0	0.0	0.0	2.4	2.2	2.3	2.5	3.0	0.0	4.9	0.0	0.0
130	2.3	2.7	2.8	0.0	0.0	0.0	3.5	2.3	2.7	2.5	2.3	0.0	2.4	0.0	0.0
140	2.2	2.7	2.5	3.6	4.7	0.0	2.9	5.5	2.1	2.6	4.5	2.4	2.5	0.0	0.0
150	2.1	2.4	2.2	0.0	0.0	0.0	2.9	2.7	4.4	2.1	2.7	2.4	2.6	1.4	0.0
160	2.2	2.5	2.4	0.0	0.0	0.0	1.2	3.2	3.0	3.0	2.1	0.0	0.0	0.8	0.0
170	2.1	2.4	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.2	1.3	1.9
180	2.1	2.5	2.0	2.3	0.0	0.0	0.0	0.0	0.0	2.8	8.1	3.4	1.9	3.1	2.1
190	2.1	2.2	2.2	2.5	2.4	0.0	0.0	2.7	3.5	2.1	2.9	1.6	0.9	1.8	2.1
200	2.0	2.1	2.2	2.3	2.5	0.1	0.0	0.0	2.5	2.4	2.0	2.1	1.1	1.9	2.7
210	2.0	2.2	2.1	2.3	2.5	2.3	2.8	2.5	4.8	7.3	4.2	5.0	1.1	2.6	2.0
220	2.0	2.1	2.2	2.5	2.8	2.5	2.6	2.9	2.3	4.0	4.5	0.6	0.6	1.3	2.0
230	2.1	2.1	2.2	2.4	3.0	3.0	3.1	3.3	3.2	0.8	0.6	2.8	0.0	1.8	5.7
240	2.1	2.1	2.2	2.4	3.0	3.4	3.8	2.7	2.1	1.1	0.0	0.3	2.2	1.4	1.8
250	2.0	2.2	2.2	3.0	2.9	3.3	8.3	3.3	2.2	0.0	1.7	0.0	1.8	0.0	2.0
260	2.1	2.2	2.1	2.3	2.6	2.6	2.6	3.6	0.0	0.0	1.0	1.7	3.1	2.2	4.6
270	2.1	2.1	2.2	2.6	2.8	2.8	1.9	6.3	2.3	0.2	1.9	2.5	0.0	3.0	4.3
280	2.1	2.1	3.5	2.8	4.0	2.4	2.0	6.0	2.6	0.0	0.0	2.6	0.0	2.8	6.1
290	2.2	2.3	4.0	1.6	6.3	3.2	2.6	5.7	3.1	2.9	0.0	0.9	0.0	9.6	3.0
300	2.2	2.2	2.7	3.0	2.7	3.1	3.5	3.9	3.0	0.0	2.7	0.0	0.0	0.4	5.8
310	2.1	2.2	7.7	3.0	3.1	3.1	3.2	3.0	0.0	0.0	2.4	2.6	0.0	0.0	2.4
320	2.1	2.2	2.7	2.9	3.0	3.5	2.6	0.0	0.0	2.6	1.9	2.3	0.0	0.0	0.0
330	2.2	2.9	2.8	3.0	2.7	2.9	0.0	0.0	0.0	2.1	2.1	5.6	0.0	0.0	0.0
340	2.1	2.7	2.9	3.1	3.0	2.6	0.0	0.0	0.0	2.5	2.7	1.9	2.7	0.0	0.0
350	2.3	2.2	3.3	3.0	2.6	2.5	3.9	5.6	0.0	6.6	2.3	4.7	2.5	0.0	0.0

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Side 3

Forkortelser benyttet for kildeparametrene:

Nr.....: Internt kildenummer
ID.....: Tekst til identificering af kilde
X.....: X-koordinat for kilde [m]
Y.....: Y-koordinat for kilde [m]
Z.....: Terrænkote for skorstensfod [m]
HS.....: Skorstenshøjde over terræn [m]
T.....: Temperatur af røggas [Kelvin]/[Celsius]
VOL.....: Volumenmængde af røggas [normal m3/sek]
DSO.....: Ydre diameter af skorstenstop [m]
DSI.....: Indre diameter af skorstenstop [m]
HB.....: Generel beregningsmæssig bygningshøjde [m]
Qi.....: Emission af stof nr. 'i' [gram/sek], [MLE/sek] eller [MOU/sek]

Punktkilder.

Kildedata:

Nr ID	X	Y	Z	HS	T(C)	VOL	DSI	DSO	HB	Lugt	Stof 2	Stof 3	Q3
										Q1	Q2	Q3	
1 1	727753.	6176879.	2.1	35.0	18.	26.00	1.60	2.00	15.0	0.1180	0.0000	0.0000	0.0000

Tidsvariationer i emissionen fra punktkilder.

Emissionerne fra de enkelte punktkilder er konstant.

Afledte kildeparametre:

Kilde nr.	Vertikal røggashastighed m/s	Buoyancy flux (termisk løft) (omtrentlig) m4/s3
1	13.8	2.4

Der er ingen retningsafhængige bygningsdata.

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Side til advarsler.

Dato: 2026/03/25 OML-Multi PC-version 20240314/7.10 Side 5
DCE - Nationalt Center for Miljø og Energi, Aarhus Universitet

Lugt Periode: 740101-831231

De 4. største månedlige 99%-fraktiler (µg/m3)

Retning (grader)	Afstand (m)															
	50	75	100	150	200	300	400	500	600	700	800	1000	1500	2000	2500	
0	71.6	52.9	39.3	25.1	18.1	11.0	7.7	5.8	4.6	3.7	3.1	2.3	1.4	0.9	0.7	
10	73.5	53.2	40.8	26.0	18.6	11.3	7.9	5.9	4.6	3.8	3.2	2.4	1.4	0.9	0.7	
20	77.4	54.3	41.0	26.8	19.2	11.7	8.1	6.1	4.8	3.9	3.2	2.4	1.4	0.9	0.7	
30	72.1	52.3	40.7	26.1	18.6	11.5	7.9	5.9	4.7	3.8	3.2	2.4	1.4	0.9	0.7	
40	70.7	52.0	40.8	27.1	19.1	11.5	7.9	5.9	4.7	3.8	3.2	2.4	1.4	0.9	0.7	
50	66.0	48.6	36.7	24.4	17.8	11.0	7.7	5.7	4.5	3.7	3.1	2.3	1.4	0.9	0.7	
60	69.2	49.5	37.7	25.2	18.4	11.2	7.9	5.9	4.5	3.7	3.1	2.3	1.4	0.9	0.7	
70	70.2	51.5	39.8	26.3	18.9	11.6	8.1	6.1	4.7	3.9	3.2	2.4	1.4	0.9	0.7	
80	72.0	52.7	39.2	25.4	18.3	11.3	7.8	5.8	4.6	3.8	3.2	2.3	1.4	0.9	0.7	
90	73.9	53.3	40.9	25.4	18.1	11.0	7.7	5.8	4.5	3.7	3.1	2.3	1.4	0.9	0.7	
100	78.2	55.6	41.4	26.6	18.9	11.4	7.8	6.0	4.7	3.8	3.2	2.4	1.4	0.9	0.7	
110	76.6	56.0	42.2	26.9	19.0	11.5	7.9	5.9	4.6	3.7	3.1	2.3	1.4	0.9	0.7	
120	72.9	53.0	39.8	26.2	18.7	11.5	7.9	5.9	4.6	3.8	3.1	2.3	1.3	0.9	0.7	
130	68.2	50.0	38.1	24.7	17.9	11.1	7.7	5.8	4.5	3.7	3.1	2.3	1.4	0.9	0.7	
140	71.4	49.9	38.4	24.9	17.7	11.0	7.7	5.8	4.6	3.7	3.1	2.3	1.4	0.9	0.7	
150	71.4	51.1	38.6	25.0	17.9	11.0	7.6	5.7	4.5	3.7	3.1	2.3	1.4	0.9	0.7	
160	70.5	50.4	38.3	24.4	17.4	10.7	7.5	5.6	4.4	3.6	3.0	2.3	1.3	0.9	0.7	
170	72.7	52.8	41.0	26.6	18.9	11.5	8.0	6.0	4.7	3.8	3.2	2.4	1.4	0.9	0.7	
180	76.0	54.0	40.8	26.4	19.0	11.6	8.0	6.0	4.7	3.8	3.2	2.4	1.4	0.9	0.7	
190	74.9	54.4	42.0	27.3	19.6	11.8	8.2	6.1	4.8	3.9	3.3	2.4	1.4	0.9	0.7	
200	75.1	53.6	41.0	26.9	19.3	11.8	8.2	6.1	4.8	3.9	3.3	2.4	1.4	0.9	0.7	
210	72.0	52.6	41.3	27.0	19.4	11.8	8.2	6.1	4.8	3.9	3.3	2.4	1.4	1.0	0.7	
220	72.6	54.0	41.5	26.9	19.1	11.7	8.1	6.1	4.8	3.9	3.2	2.4	1.4	0.9	0.7	
230	77.0	54.2	42.6	28.1	20.1	12.2	8.4	6.3	4.9	4.0	3.3	2.5	1.4	1.0	0.7	
240	74.2	53.9	41.9	27.4	19.5	11.8	8.2	6.1	4.8	3.9	3.3	2.4	1.4	1.0	0.7	
250	76.5	55.0	42.1	27.3	19.7	12.0	8.1	6.2	4.9	4.0	3.3	2.5	1.4	1.0	0.7	
260	74.1	54.3	42.0	27.7	19.6	11.9	8.2	6.1	4.8	3.9	3.3	2.4	1.4	1.0	0.7	
270	76.7	56.3	42.8	27.6	19.6	11.9	8.2	6.1	4.8	3.9	3.3	2.4	1.4	1.0	0.7	
280	78.7	58.1	42.6	28.1	19.9	12.1	8.3	6.2	4.9	4.0	3.3	2.4	1.4	1.0	0.7	
290	72.7	53.5	41.5	27.5	18.7	11.7	8.1	5.9	4.8	3.9	3.3	2.4	1.4	1.0	0.7	
300	71.0	49.7	38.3	25.4	18.4	11.3	7.9	5.9	4.7	3.8	3.2	2.4	1.4	0.9	0.7	
310	67.7	47.5	35.3	24.3	17.6	10.8	7.5	5.7	4.5	3.7	3.1	2.3	1.3	0.9	0.7	
320	62.3	45.5	34.8	22.6	16.2	10.0	7.1	5.4	4.3	3.5	2.9	2.2	1.3	0.9	0.6	
330	67.2	46.6	36.3	23.7	17.1	10.5	7.4	5.6	4.4	3.6	3.0	2.2	1.3	0.9	0.6	
340	66.6	46.7	34.5	21.9	15.8	9.8	7.0	5.3	4.2	3.4	2.9	2.2	1.3	0.9	0.6	
350	66.7	47.8	35.7	23.2	16.8	10.5	7.4	5.6	4.5	3.6	3.0	2.3	1.3	0.9	0.7	

Maksimum= 78.75 i afstand 50 m og retning 280 grader i 198009 (yyyymm)

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DCE - Nationalt Center for Miljø og Energi, Aarhus Universitet

Lugt Periode: 740101-831231

De største månedlige 99%-fraktiler (µg/m3)

Retning (grader)	Afstand (m)														
	50	75	100	150	200	300	400	500	600	700	800	1000	1500	2000	2500
0	77.0	57.1	43.1	27.6	19.6	11.9	8.2	6.1	4.8	3.9	3.2	2.4	1.4	0.9	0.7
10	84.4	62.0	46.4	28.5	20.2	12.2	8.4	6.3	4.9	4.0	3.3	2.4	1.4	1.0	0.7
20	80.2	59.0	44.5	28.0	19.8	12.0	8.3	6.2	4.9	4.0	3.3	2.4	1.4	0.9	0.7
30	75.1	53.7	42.2	28.0	20.1	12.2	8.4	6.3	4.9	4.0	3.3	2.5	1.4	1.0	0.7
40	79.8	57.0	42.5	27.4	19.6	12.0	8.3	6.2	4.8	3.9	3.3	2.4	1.4	0.9	0.7
50	74.7	53.3	40.6	25.8	18.4	11.4	8.0	6.0	4.7	3.8	3.2	2.4	1.4	0.9	0.7
60	70.9	51.3	39.7	27.1	19.5	11.9	8.4	6.3	4.9	4.0	3.4	2.5	1.4	1.0	0.7
70	72.7	52.6	41.6	28.2	20.2	12.3	8.5	6.4	5.0	4.1	3.4	2.5	1.5	1.0	0.7
80	74.7	53.2	41.9	27.7	19.9	12.1	8.4	6.3	4.9	4.0	3.3	2.5	1.4	1.0	0.7
90	76.9	55.1	41.4	27.6	19.9	12.1	8.4	6.3	4.9	4.0	3.3	2.5	1.4	1.0	0.7
100	82.5	58.5	43.5	27.5	19.6	12.0	8.3	6.2	4.9	4.0	3.3	2.5	1.4	1.0	0.7
110	80.1	57.3	44.1	28.4	20.2	12.2	8.4	6.3	4.9	4.0	3.3	2.5	1.4	1.0	0.7
120	77.6	56.8	42.8	27.5	19.5	11.7	8.1	6.0	4.8	3.9	3.3	2.4	1.4	1.0	0.7
130	75.7	52.7	39.4	26.0	18.7	11.3	7.8	5.8	4.6	3.7	3.1	2.3	1.4	0.9	0.7
140	79.2	54.1	41.4	25.3	18.1	11.2	7.8	5.9	4.6	3.8	3.2	2.4	1.4	0.9	0.7
150	80.9	57.7	43.9	28.4	20.1	12.1	8.2	6.1	4.8	3.9	3.3	2.4	1.4	0.9	0.7
160	79.9	55.0	41.0	26.5	18.9	11.5	8.0	5.9	4.7	3.9	3.3	2.4	1.4	0.9	0.7
170	76.3	55.3	42.5	28.1	20.2	12.2	8.4	6.3	4.9	4.0	3.3	2.5	1.4	1.0	0.7
180	79.2	56.3	42.2	26.8	19.5	11.9	8.3	6.2	4.9	4.0	3.3	2.5	1.4	1.0	0.7
190	84.1	60.6	45.0	28.8	20.6	12.4	8.6	6.4	5.0	4.1	3.4	2.5	1.5	1.0	0.7
200	81.5	58.7	44.6	28.7	20.0	12.2	8.4	6.3	4.9	4.0	3.4	2.5	1.4	1.0	0.7
210	84.6	59.7	43.7	28.2	20.3	12.3	8.5	6.4	4.9	4.0	3.4	2.5	1.5	1.0	0.7
220	80.8	57.9	44.4	28.4	20.2	12.2	8.3	6.2	4.9	3.9	3.3	2.4	1.4	1.0	0.7
230	80.0	58.9	45.2	28.9	20.3	12.3	8.5	6.4	5.0	4.0	3.4	2.5	1.4	1.0	0.7
240	81.9	57.6	44.5	28.7	20.1	12.2	8.5	6.3	4.9	4.0	3.4	2.5	1.4	1.0	0.7
250	80.9	58.6	43.8	28.4	20.3	12.2	8.3	6.3	4.9	4.0	3.3	2.5	1.4	1.0	0.7
260	81.1	58.9	44.2	28.4	20.3	12.3	8.5	6.4	5.0	4.0	3.4	2.5	1.5	1.0	0.7
270	83.5	60.0	44.4	28.0	20.3	12.3	8.5	6.3	5.0	4.1	3.4	2.5	1.4	1.0	0.7
280	88.7	64.1	46.7	29.9	20.8	12.6	8.7	6.3	5.0	4.1	3.4	2.5	1.5	1.0	0.7
290	79.4	58.0	42.9	28.1	20.3	12.4	8.6	6.3	5.0	4.1	3.4	2.5	1.5	1.0	0.7
300	85.0	59.2	43.3	27.7	19.9	12.0	8.3	6.2	4.9	4.0	3.3	2.4	1.4	1.0	0.7
310	79.0	57.5	37.4	26.2	18.7	11.9	8.1	6.1	4.8	3.9	3.2	2.4	1.4	0.9	0.7
320	68.7	49.4	37.8	24.6	17.7	10.9	7.6	5.7	4.5	3.7	3.1	2.3	1.4	0.9	0.7
330	72.8	52.9	39.9	25.2	17.8	10.9	7.5	5.7	4.5	3.7	3.1	2.4	1.4	0.9	0.7
340	69.7	51.6	39.8	26.1	18.7	11.4	7.9	5.9	4.6	3.8	3.2	2.4	1.4	0.9	0.7
350	70.7	50.7	37.3	24.6	17.9	11.0	7.8	5.9	4.5	3.8	3.1	2.4	1.4	0.9	0.7

Maksimum= 88.73 i afstand 50 m og retning 280 grader i 198107 (yyyymm)

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DCE - Nationalt Center for Miljø og Energi, Aarhus Universitet

Lugt Periode: 740101-831231

Middelværdier (µg/m3)

Retning (grader)	Afstand (m)														
	50	75	100	150	200	300	400	500	600	700	800	1000	1500	2000	2500
0	1.6	1.1	0.8	0.6	0.4	0.3	0.2	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0
10	1.8	1.2	0.9	0.6	0.5	0.3	0.2	0.2	0.1	0.1	0.1	0.1	0.0	0.0	0.0
20	1.9	1.3	1.0	0.7	0.5	0.3	0.2	0.2	0.1	0.1	0.1	0.1	0.0	0.0	0.0
30	1.9	1.4	1.1	0.7	0.6	0.4	0.3	0.2	0.2	0.1	0.1	0.1	0.0	0.0	0.0
40	1.9	1.3	1.0	0.7	0.5	0.3	0.2	0.2	0.2	0.1	0.1	0.1	0.0	0.0	0.0
50	1.8	1.2	1.0	0.7	0.5	0.4	0.3	0.2	0.2	0.1	0.1	0.1	0.1	0.0	0.0
60	1.7	1.2	1.0	0.7	0.6	0.4	0.3	0.2	0.2	0.1	0.1	0.1	0.1	0.0	0.0
70	1.8	1.3	1.0	0.7	0.6	0.4	0.3	0.2	0.2	0.1	0.1	0.1	0.1	0.0	0.0
80	1.8	1.3	1.0	0.8	0.6	0.4	0.3	0.2	0.2	0.1	0.1	0.1	0.1	0.0	0.0
90	1.9	1.3	1.1	0.8	0.6	0.4	0.3	0.2	0.2	0.1	0.1	0.1	0.1	0.0	0.0
100	1.8	1.3	1.0	0.7	0.6	0.4	0.3	0.2	0.2	0.1	0.1	0.1	0.1	0.0	0.0
110	1.7	1.2	0.9	0.7	0.5	0.3	0.2	0.2	0.1	0.1	0.1	0.1	0.0	0.0	0.0
120	1.6	1.1	0.8	0.6	0.4	0.3	0.2	0.2	0.1	0.1	0.1	0.1	0.0	0.0	0.0
130	1.5	1.0	0.8	0.5	0.4	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0
140	1.5	1.0	0.7	0.5	0.3	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0
150	1.5	1.0	0.7	0.5	0.3	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0
160	1.5	1.0	0.7	0.5	0.3	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0
170	1.6	1.0	0.8	0.5	0.4	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0
180	1.7	1.1	0.8	0.5	0.4	0.3	0.2	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0
190	1.8	1.2	0.9	0.6	0.4	0.3	0.2	0.2	0.1	0.1	0.1	0.1	0.0	0.0	0.0
200	1.9	1.3	0.9	0.6	0.5	0.3	0.2	0.2	0.1	0.1	0.1	0.1	0.0	0.0	0.0

210	2.1	1.3	1.0	0.7	0.5	0.3	0.2	0.2	0.1	0.1	0.1	0.1	0.0	0.0	0.0
220	2.1	1.4	1.1	0.7	0.5	0.3	0.2	0.2	0.1	0.1	0.1	0.1	0.0	0.0	0.0
230	2.2	1.4	1.1	0.7	0.5	0.3	0.2	0.2	0.1	0.1	0.1	0.1	0.0	0.0	0.0
240	2.2	1.5	1.1	0.7	0.5	0.3	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.0	0.0
250	2.2	1.5	1.1	0.8	0.6	0.4	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.0	0.0
260	2.1	1.5	1.1	0.7	0.5	0.3	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.0	0.0
270	2.1	1.4	1.1	0.7	0.5	0.3	0.2	0.2	0.1	0.1	0.1	0.1	0.0	0.0	0.0
280	2.0	1.4	1.0	0.7	0.5	0.3	0.2	0.2	0.1	0.1	0.1	0.1	0.0	0.0	0.0
290	1.9	1.3	1.0	0.7	0.5	0.3	0.2	0.2	0.1	0.1	0.1	0.1	0.0	0.0	0.0
300	1.7	1.2	0.9	0.6	0.5	0.3	0.2	0.2	0.1	0.1	0.1	0.1	0.0	0.0	0.0
310	1.5	1.0	0.7	0.5	0.4	0.3	0.2	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0
320	1.4	0.9	0.7	0.5	0.4	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0
330	1.3	0.9	0.7	0.5	0.4	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0
340	1.4	0.9	0.7	0.5	0.4	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0
350	1.4	1.0	0.7	0.5	0.4	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0

Maksimum= 2.19 i afstand 50 m og retning 240 grader.

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DCE - Nationalt Center for Miljø og Energi, Aarhus Universitet

Lugt Periode: 740101-831231

Maksimalt timeværdier (µg/m3)

Retning (grader)	Afstand (m)														
	50	75	100	150	200	300	400	500	600	700	800	1000	1500	2000	2500
0	108.7	90.0	71.4	47.3	33.8	20.6	14.3	10.7	8.4	6.8	5.7	4.2	2.5	1.7	1.2
10	96.3	67.0	49.3	33.0	24.1	14.9	10.5	8.1	6.5	5.4	4.5	3.4	2.1	1.4	1.0
20	146.5	101.3	75.5	47.5	33.7	20.4	14.2	10.8	8.5	7.0	5.9	4.4	2.5	1.6	1.2
30	177.4	125.6	92.3	56.8	39.5	23.7	16.0	11.9	9.3	7.7	6.4	4.8	2.7	1.7	1.3
40	140.5	117.9	95.2	63.6	44.7	25.6	16.5	11.6	8.6	6.8	5.7	4.3	2.6	2.1	1.7
50	137.1	116.9	95.3	63.0	44.4	25.5	16.6	11.6	8.6	6.6	5.3	3.7	2.2	1.7	1.5
60	119.2	93.8	71.7	47.9	34.2	20.5	13.9	9.9	7.4	5.8	4.7	3.3	2.3	1.8	1.5
70	95.3	67.3	49.6	32.4	25.7	16.3	10.9	7.8	6.3	5.2	4.4	3.3	2.0	1.6	1.4
80	103.6	81.5	66.5	45.3	32.8	20.1	13.9	10.3	8.1	6.5	5.4	4.0	2.3	1.5	1.2
90	95.6	71.9	57.6	38.8	28.4	17.7	12.4	9.3	7.4	6.0	5.0	3.7	2.2	1.7	1.4
100	95.4	73.1	58.6	37.3	26.1	15.3	10.4	7.7	6.1	4.9	4.1	3.1	2.1	1.6	1.4
110	97.1	66.5	49.3	30.9	21.7	13.1	9.0	7.1	5.8	4.8	4.1	3.1	2.2	1.8	1.5
120	99.2	67.8	51.8	35.5	26.5	15.7	10.2	7.1	5.5	4.4	3.7	2.7	2.0	1.6	1.3
130	94.7	65.9	48.8	31.0	22.4	12.8	8.8	6.9	5.4	4.4	3.7	2.7	1.5	1.1	0.9
140	97.3	72.3	60.4	41.1	29.5	19.3	13.1	9.1	7.5	5.9	4.7	3.4	1.8	1.3	1.1
150	96.5	83.3	73.3	52.9	38.7	23.3	15.4	11.2	8.2	6.7	5.4	3.8	2.0	1.3	1.0
160	96.4	79.2	68.2	48.8	35.8	21.7	14.7	10.5	8.0	6.3	5.2	3.9	2.8	2.2	1.9
170	98.3	67.2	49.3	33.0	24.5	15.7	11.1	8.3	6.5	5.2	4.3	3.1	1.8	1.4	1.2
180	103.7	71.3	54.1	39.3	29.1	17.1	11.0	7.9	6.2	5.1	4.3	3.6	2.7	2.2	1.9
190	100.6	72.4	57.3	42.7	32.2	19.4	12.7	8.9	6.7	5.7	4.8	3.7	2.4	1.9	1.6
200	129.7	103.7	81.5	53.3	37.8	23.0	15.8	11.8	9.2	7.5	6.3	4.7	2.7	1.9	1.6
210	98.3	71.7	53.8	33.8	23.7	15.2	10.8	8.4	6.4	5.1	4.6	3.5	2.2	1.4	1.2
220	109.3	76.9	56.5	36.2	26.3	15.3	10.3	7.5	5.8	4.5	3.6	2.8	1.8	1.4	1.1
230	97.6	80.7	63.9	41.7	29.1	17.0	11.7	8.8	7.0	5.8	4.8	3.6	2.1	1.5	1.2
240	97.6	67.6	51.5	33.8	24.1	15.7	10.9	7.8	6.2	5.1	4.4	3.3	2.0	1.6	1.4
250	124.1	93.2	71.7	45.4	32.4	19.2	12.5	9.7	7.6	6.1	5.1	3.7	2.2	1.7	1.3
260	147.1	105.9	82.4	52.7	36.7	21.6	14.5	10.4	8.2	6.5	5.4	3.9	2.3	1.8	1.4
270	140.1	104.0	79.9	50.7	35.5	21.0	14.4	9.7	8.1	6.5	5.3	3.9	2.3	1.5	1.2
280	134.6	102.9	76.2	51.2	35.1	21.6	14.7	10.3	8.5	6.9	5.8	4.2	2.5	1.7	1.5
290	160.2	117.5	84.0	55.6	35.2	22.2	15.2	10.5	8.5	6.9	5.8	4.2	2.5	2.0	1.7
300	159.5	117.9	96.2	65.3	47.1	26.5	16.9	11.7	9.0	7.4	6.1	4.6	2.6	2.0	1.7
310	184.9	132.0	80.4	58.6	41.7	24.2	15.7	11.3	8.9	7.1	5.8	4.2	2.4	1.8	1.5
320	164.4	115.0	83.7	52.1	36.4	21.1	14.7	11.0	8.6	7.0	5.9	4.3	2.5	1.6	1.2
330	181.7	123.9	91.2	56.0	39.5	23.3	16.3	12.1	9.5	7.7	6.4	4.5	2.7	1.9	1.6
340	153.4	103.2	75.6	47.5	34.0	20.9	14.7	11.0	8.7	7.0	5.9	4.4	2.9	2.2	1.7
350	95.0	68.8	57.3	38.0	26.1	15.9	11.1	8.3	7.0	5.4	4.9	3.6	2.2	1.5	1.1

Maksimum= 184.89 i afstand 50 m og retning 310 grader.

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DCE - Nationalt Center for Miljø og Energi, Aarhus Universitet

Benyttede filer.

Følgende inputfiler er benyttet i beregningerne:

Punktkilder Z:\Tasks\126\126-22081\Data\OML filer\sweeps\sweep_003\run_006\ARC_sorteringsanlæg_run_006.kld
 Meteorologi..... C:\OML_Data\Aal7483LST.met
 Receptorer..... Z:\Tasks\126\126-22081\Data\OML filer\sweeps\sweep_003\run_006\ARC_sorteringsanlæg_run_006.rct
 Beregningsopsætning..... Z:\Tasks\126\126-22081\Data\OML filer\ARC_sorteringsanlæg.opt

Følgende outputfil er benyttet:

Resultater: Z:\Tasks\126\126-22081\Data\OML filer\sweeps\sweep_003\run_006\ARC_sorтерingsanlæg_run_006.log

Dato: 2026/03/25 OML-Multi PC-version 20240314/7.10 Side 1
DCE - Nationalt Center for Miljø og Energi, Aarhus Universitet

Meteorologiske spredningsberegninger er udført for følgende periode (lokal standard tid):

Start af beregningen = 740101 kl. 1
Slut på beregningen (incl.) = 831231 kl. 24

Meteorologiske data er fra: AALBORG

Koordinatsystem.

Der er anvendt et x,y-koordinatsystem med x-akse mod øst (90 grader) og y-akse mod nord (0 grader).
Enheden er meter. Systemet er fælles for receptorer og kilder. Origo kan fastlægges frit, fx. i skorstensfoden for den mest dominerende kilde eller som i UTM-systemet.

Receptordata.

Ruhedslængde, z0 = 0.300 m

Største terrænhældning = 13 grader

Receptorerne er beliggende med 10 graders interval i 15 koncentriske cirkler
med centrum x,y: 727753., 6176879.

og radierne (m): 50. 75. 100. 125. 150.
175. 200. 250. 300. 350.
400. 450. 500. 600. 700.

Terrænhøjder er ikke alle ens.

Alle receptorhøjder = 60.0 m.

Alle overflader er typenr. = 2 (Har kun betydning ved VVM-deposition)

Dato: 2026/03/25 OML-Multi PC-version 20240314/7.10 Side 2
DCE - Nationalt Center for Miljø og Energi, Aarhus Universitet

Terrænhøjder [m]

Retning (grader)	Afstand (m)																
	50	75	100	125	150	175	200	250	300	350	400	450	500	600	700		
0	2.6	2.2	2.6	2.7	2.6	2.8	2.8	2.6	2.5	2.2	1.9	1.7	0.0	0.0	2.7		
10	2.7	2.5	2.3	2.3	2.7	2.8	2.7	2.6	2.7	2.6	2.1	2.0	2.9	0.0	0.0		
20	2.8	2.5	2.2	2.7	2.4	2.5	2.4	2.7	2.6	2.7	2.6	2.6	2.5	1.8	0.0		
30	2.9	2.5	2.3	2.4	2.3	2.3	2.5	2.5	2.3	2.0	2.5	2.6	2.5	2.8	0.0		
40	2.4	2.3	2.4	2.1	2.1	2.4	2.3	2.5	2.4	2.6	2.6	2.5	2.7	3.0	3.0		
50	3.0	2.3	2.5	1.5	2.2	2.4	2.4	2.4	2.7	2.4	2.3	1.7	2.0	2.8	2.7		
60	2.9	2.2	2.6	2.6	2.2	2.5	2.4	2.4	2.4	2.3	1.9	0.9	2.9	2.8	2.8		
70	2.9	2.4	2.3	2.3	2.3	2.4	2.4	2.3	2.3	0.0	0.0	0.0	0.0	0.0	0.0		
80	3.1	2.3	2.3	2.3	2.4	2.3	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
90	3.1	2.5	2.2	2.3	2.4	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	1.9	
100	3.1	2.7	2.3	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.4	2.7	2.3		
110	3.2	3.0	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	2.6	1.9	2.8		
120	3.0	3.1	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	2.1	2.3	2.1	2.4		
130	2.3	2.7	2.7	3.1	1.1	0.0	0.0	0.0	0.0	2.6	3.5	3.3	2.6	2.1	2.1		
140	2.2	2.7	2.4	0.0	0.0	0.0	1.3	0.0	4.3	0.4	4.7	2.6	2.7	2.7	2.4		
150	2.1	2.6	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.3	6.8	2.4	2.4	2.7		
160	2.2	2.5	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.5	2.3	1.2	0.0		
170	2.1	2.4	2.4	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
180	2.1	2.2	2.2	2.5	2.3	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	2.3		
190	2.0	2.2	2.2	2.3	2.5	2.3	2.3	0.0	1.6	0.0	0.0	0.0	2.9	2.3	2.0		
200	2.0	2.1	2.2	2.3	2.5	2.4	1.9	2.5	2.5	2.5	3.0	2.7	2.8	2.5	2.6		
210	2.0	2.2	2.2	2.3	2.3	2.4	2.3	2.4	2.3	2.3	2.5	2.8	2.7	2.9	2.1		
220	2.0	2.1	2.2	2.3	2.5	2.7	2.8	2.6	2.7	2.6	2.7	2.9	2.7	2.6	4.1		
230	2.1	2.1	2.2	2.4	2.4	2.9	3.0	3.3	3.4	5.4	3.8	4.3	3.2	2.4	0.9		
240	2.1	2.1	2.3	2.3	2.4	2.7	3.0	3.3	3.1	3.1	3.8	6.0	2.8	2.1	1.6		
250	2.0	2.2	2.2	2.3	2.8	2.9	2.9	3.3	2.8	3.2	5.4	2.4	5.6	0.0	0.0		
260	2.1	2.2	2.1	2.2	2.3	2.7	2.6	2.9	4.7	2.4	2.5	10.8	4.0	2.0	0.0		
270	2.1	2.1	2.3	2.6	2.7	2.9	2.9	3.0	5.5	2.3	2.8	14.6	6.0	2.6	0.0		
280	2.1	2.1	3.7	2.7	2.7	4.5	5.3	3.2	2.5	2.6	2.2	11.8	6.2	3.1	0.4		
290	2.2	2.3	4.0	2.8	2.2	2.1	4.0	2.8	3.3	3.1	2.3	3.8	6.0	3.2	3.3		
300	2.2	2.2	7.0	2.9	3.0	3.2	3.2	2.4	2.9	3.0	3.5	3.5	4.1	2.9	0.0		

310	2.1	2.2	2.5	2.9	3.0	3.1	2.9	3.6	3.6	3.5	3.1	0.0	0.0	0.9	0.0
320	2.1	2.6	3.1	3.9	2.9	2.9	3.0	2.4	3.3	3.1	2.5	0.0	0.0	0.0	2.4
330	2.2	2.8	2.9	3.1	3.4	3.1	4.2	2.4	2.9	2.5	0.0	0.0	0.0	0.0	3.8
340	2.3	2.4	3.0	3.2	3.1	3.1	3.1	2.7	3.4	0.0	0.0	0.0	0.0	0.0	2.6
350	2.3	2.2	3.3	2.9	2.3	2.3	2.8	2.9	2.3	1.9	1.7	1.8	0.0	3.2	2.0

Dato: 2026/03/25 OML-Multi PC-version 20240314/7.10 Side 3
DCE - Nationalt Center for Miljø og Energi, Aarhus Universitet

Forkortelser benyttet for kildeparametrene:

Nr.....: Internt kildenummer
ID.....: Tekst til identificering af kilde
X.....: X-koordinat for kilde [m]
Y.....: Y-koordinat for kilde [m]
Z.....: Terrænkote for skorstensfod [m]
HS.....: Skorstenshøjde over terræn [m]
T.....: Temperatur af røggas [Kelvin]/[Celsius]
VOL.....: Volumenmængde af røggas [normal m3/sek]
DSO.....: Ydre diameter af skorstenstop [m]
DSI.....: Indre diameter af skorstenstop [m]
HB.....: Generel beregningsmæssig bygningshøjde [m]
Qi.....: Emission af stof nr. 'i' [gram/sek], [MLE/sek] eller [MOU/sek]

Punktkilder.

Kildedata:

Nr	ID	X	Y	Z	HS	T(C)	VOL	DSI	DSO	HB	Q1	Q2	Q3
1	1	727753.	6176879.	2.1	35.0	18.	26.00	1.60	2.00	15.0	0.1180	0.0000	0.0000

Tidsvariationer i emissionen fra punktkilder.

Emissionerne fra de enkelte punktkilder er konstant.

Afledte kildeparametre:

Kilde nr.	Vertikal røggashastighed m/s	Buoyancy flux (termisk løft) (omtrentlig) m4/s3
1	13.8	2.4

Der er ingen retningsafhængige bygningsdata.

Dato: 2026/03/25 OML-Multi PC-version 20240314/7.10 Side 4
DCE - Nationalt Center for Miljø og Energi, Aarhus Universitet

Side til advarsler.

Dato: 2026/03/25 OML-Multi PC-version 20240314/7.10 Side 5
DCE - Nationalt Center for Miljø og Energi, Aarhus Universitet

Lugt Periode: 740101-831231

De 4. største månedlige 99%-fraktiler (µg/m3)

Retning (grader)	Afstand (m)														
	50	75	100	125	150	175	200	250	300	350	400	450	500	600	700
0	71.6	52.9	39.3	30.8	25.1	21.1	18.1	13.8	11.1	9.1	7.7	6.6	5.8	4.6	3.7
10	73.4	53.1	40.8	32.2	26.0	21.7	18.6	14.2	11.3	9.3	7.9	6.7	5.9	4.6	3.8
20	77.3	54.3	41.0	32.7	26.8	22.4	19.2	14.7	11.7	9.7	8.2	7.0	6.1	4.8	3.9
30	72.1	52.3	40.7	32.0	26.2	21.9	18.6	14.2	11.4	9.4	7.9	6.8	5.9	4.7	3.8
40	71.5	52.0	40.8	33.2	27.2	22.4	19.1	14.5	11.5	9.4	7.9	6.8	5.9	4.7	3.8
50	66.0	48.5	36.4	29.4	24.4	20.7	17.8	13.7	11.1	9.1	7.7	6.6	5.8	4.5	3.7
60	69.2	49.5	37.7	30.4	25.2	21.4	18.4	14.1	11.2	9.3	7.9	6.7	5.8	4.5	3.7
70	70.2	51.5	39.7	31.7	26.3	22.2	19.0	14.5	11.6	9.6	8.1	7.0	6.1	4.7	3.9
80	72.0	52.6	39.2	31.0	25.4	21.5	18.4	14.1	11.3	9.2	7.8	6.7	5.8	4.6	3.8
90	73.8	53.3	40.9	31.7	25.4	21.5	18.2	13.9	11.0	9.1	7.7	6.6	5.8	4.5	3.7
100	78.1	55.6	41.5	32.5	26.6	22.3	18.9	14.4	11.4	9.3	7.8	6.8	6.0	4.7	3.8

110	76.5	56.0	42.0	33.1	26.9	22.4	19.0	14.5	11.5	9.4	7.9	6.8	5.9	4.6	3.7
120	73.0	52.8	39.8	32.1	26.2	21.9	18.7	14.2	11.5	9.5	8.0	6.8	5.9	4.6	3.8
130	68.1	50.0	38.2	30.2	24.7	20.9	17.9	13.8	11.1	9.1	7.7	6.6	5.8	4.5	3.7
140	71.3	49.9	38.4	30.9	25.4	21.3	18.1	13.8	10.9	9.0	7.7	6.7	5.8	4.6	3.7
150	71.4	51.2	38.5	30.6	25.0	20.9	17.9	13.8	11.0	9.1	7.7	6.5	5.7	4.5	3.7
160	70.5	50.3	38.5	30.1	24.4	20.3	17.4	13.4	10.7	8.8	7.5	6.5	5.7	4.5	3.6
170	72.6	52.8	41.0	32.6	26.6	22.2	18.9	14.4	11.5	9.5	8.0	6.9	6.0	4.7	3.8
180	76.0	54.3	40.8	32.1	26.4	22.2	19.0	14.6	11.6	9.5	8.0	6.9	6.0	4.7	3.8
190	74.9	54.4	42.0	33.3	27.3	22.9	19.5	14.9	11.8	9.7	8.2	7.1	6.1	4.8	3.9
200	75.1	53.6	41.0	32.7	26.8	22.6	19.4	14.7	11.8	9.7	8.2	7.0	6.1	4.8	3.9
210	72.0	52.6	41.3	32.9	27.0	22.6	19.3	14.8	11.8	9.7	8.2	7.0	6.1	4.8	3.9
220	72.6	54.0	41.5	33.0	26.9	22.4	19.1	14.6	11.7	9.7	8.1	7.0	6.1	4.8	3.9
230	77.0	54.2	42.6	34.2	28.1	23.4	20.1	15.4	12.2	9.9	8.4	7.1	6.3	4.9	4.0
240	74.2	53.9	41.8	33.2	27.4	22.9	19.5	14.8	11.8	9.7	8.2	7.0	6.1	4.8	3.9
250	76.5	55.0	42.1	33.4	27.3	23.0	19.7	15.1	12.0	9.9	8.3	7.1	6.2	4.9	4.0
260	74.1	54.3	42.0	33.4	27.7	23.1	19.6	14.9	11.8	9.8	8.2	6.9	6.1	4.8	3.9
270	76.6	56.3	42.8	33.9	27.6	23.0	19.6	14.9	11.7	9.8	8.2	6.8	6.1	4.8	3.9
280	78.7	58.1	42.5	34.3	28.1	23.2	19.7	15.2	12.1	9.9	8.4	7.0	6.2	4.9	4.0
290	72.7	53.5	41.5	33.5	27.5	22.9	19.1	14.6	11.7	9.7	8.1	6.9	5.9	4.8	3.9
300	71.0	49.7	38.5	30.6	25.4	21.5	18.5	14.0	11.3	9.3	7.9	6.8	5.9	4.7	3.8
310	67.7	47.5	35.9	29.0	24.3	20.6	17.7	13.4	10.8	8.9	7.5	6.5	5.7	4.5	3.7
320	62.3	44.5	34.5	27.1	22.5	18.9	16.2	12.6	10.0	8.3	7.1	6.2	5.4	4.3	3.5
330	67.1	46.6	36.2	28.8	23.5	19.9	16.8	13.2	10.5	8.7	7.4	6.4	5.6	4.4	3.5
340	66.3	46.8	34.3	26.7	21.8	18.3	15.7	12.1	9.8	8.2	7.0	6.0	5.3	4.2	3.4
350	66.8	47.7	35.7	28.4	23.2	19.5	16.8	13.0	10.4	8.7	7.5	6.4	5.6	4.4	3.6

Maksimum= 78.67 i afstand 50 m og retning 280 grader i 198009 (yyyymm)

Dato: 2026/03/25 OML-Multi PC-version 20240314/7.10 Side 6
DCE - Nationalt Center for Miljø og Energi, Aarhus Universitet

Lugt Periode: 740101-831231

De største månedlige 99%-fraktiler (µg/m3)

Retning (grader)	Afstand (m)														
	50	75	100	125	150	175	200	250	300	350	400	450	500	600	700
0	77.0	57.0	43.1	33.9	27.6	23.0	19.6	14.9	11.9	9.7	8.2	7.0	6.1	4.8	3.9
10	84.4	61.9	46.3	35.9	28.6	23.8	20.2	15.4	12.2	10.0	8.4	7.2	6.2	4.9	4.0
20	80.1	58.9	44.5	34.1	27.9	23.2	19.8	15.1	12.0	9.9	8.3	7.1	6.2	4.9	4.0
30	75.0	53.5	42.1	33.9	28.0	23.6	20.1	15.3	12.2	10.0	8.4	7.2	6.3	4.9	4.0
40	81.1	56.9	42.5	33.6	27.5	22.9	19.7	15.0	12.0	9.8	8.3	7.1	6.2	4.8	3.9
50	74.7	53.3	40.4	31.8	25.8	21.6	18.5	14.1	11.4	9.4	8.0	6.8	6.0	4.7	3.8
60	70.9	51.3	39.7	32.3	27.1	22.8	19.5	14.9	11.9	9.9	8.4	7.2	6.3	4.9	4.0
70	72.6	52.5	41.6	34.0	28.2	23.7	20.3	15.5	12.3	10.1	8.5	7.3	6.4	5.0	4.1
80	74.6	53.1	41.9	33.7	27.7	23.3	19.9	15.2	12.1	10.0	8.4	7.2	6.3	4.9	4.0
90	76.8	55.1	41.4	33.4	27.6	23.2	19.9	15.2	12.1	10.0	8.4	7.2	6.3	4.9	4.0
100	82.5	58.5	43.7	33.7	27.5	22.9	19.6	15.0	12.0	9.9	8.3	7.1	6.2	4.9	4.0
110	80.0	57.2	44.0	34.9	28.4	23.7	20.2	15.4	12.2	10.0	8.4	7.2	6.2	4.9	4.0
120	77.7	56.9	42.8	33.7	27.5	22.9	19.5	14.8	11.7	9.6	8.1	6.9	6.0	4.8	3.9
130	75.6	52.7	39.4	31.6	26.0	21.9	18.7	14.2	11.3	9.3	7.8	6.7	5.8	4.6	3.8
140	79.2	54.1	41.5	32.3	25.9	21.4	18.3	14.1	11.2	9.3	7.8	6.8	5.9	4.6	3.8
150	80.9	57.5	43.9	35.0	28.4	23.7	20.1	15.2	12.1	9.9	8.3	6.8	6.1	4.8	3.9
160	79.8	55.0	41.1	32.3	26.5	22.2	18.9	14.4	11.5	9.5	8.0	6.8	6.0	4.8	3.9
170	76.3	55.3	42.5	34.1	28.1	23.6	20.2	15.4	12.2	10.0	8.4	7.2	6.3	4.9	4.0
180	79.1	56.5	42.2	32.9	26.8	22.6	19.5	14.9	11.9	9.8	8.3	7.1	6.2	4.9	4.0
190	84.1	60.5	45.0	35.3	28.8	24.2	20.6	15.7	12.4	10.2	8.6	7.3	6.4	5.0	4.1
200	81.5	58.7	44.6	35.3	28.6	23.8	20.0	15.3	12.2	10.0	8.4	7.2	6.3	4.9	4.0
210	84.6	59.6	43.6	34.4	28.2	23.7	20.3	15.5	12.3	10.1	8.5	7.3	6.4	5.0	4.1
220	80.8	57.9	44.4	34.7	28.4	23.7	20.2	15.3	12.1	9.9	8.3	7.1	6.2	4.9	3.9
230	79.9	58.9	45.2	35.5	28.9	24.0	20.3	15.4	12.3	10.1	8.5	7.3	6.3	5.0	4.0
240	81.9	57.6	44.4	35.2	28.7	23.8	20.1	15.3	12.2	10.0	8.5	7.2	6.3	4.9	4.0
250	80.9	58.6	43.8	34.8	28.4	23.8	20.3	15.3	12.2	10.0	8.3	7.2	6.2	4.9	4.0
260	81.1	58.9	44.2	34.7	28.4	23.8	20.3	15.4	12.4	10.1	8.5	7.3	6.4	5.0	4.0
270	83.4	60.0	44.3	34.4	28.0	23.7	20.3	15.5	12.3	10.1	8.5	7.1	6.3	4.9	4.1
280	88.7	64.1	46.6	37.0	29.9	24.4	20.6	15.8	12.6	10.3	8.7	7.2	6.3	5.0	4.1
290	79.4	58.0	42.8	34.3	28.1	23.6	20.4	15.5	12.4	10.2	8.6	7.4	6.3	5.0	4.1
300	85.0	59.2	40.9	33.9	27.7	23.2	19.8	15.2	12.1	9.9	8.3	7.1	6.2	4.9	4.0
310	78.9	57.5	42.3	32.4	26.2	21.9	18.8	14.2	11.7	9.6	8.1	7.1	6.2	4.8	3.9
320	68.7	49.5	37.7	29.7	24.6	20.6	17.7	13.6	10.9	9.0	7.6	6.6	5.7	4.5	3.7
330	72.8	52.9	40.0	31.0	24.8	20.9	17.8	13.5	10.9	8.9	7.5	6.5	5.7	4.5	3.7
340	69.5	51.6	39.8	32.0	26.1	21.8	18.6	14.2	11.3	9.3	7.9	6.8	5.9	4.6	3.8
350	70.7	50.7	37.3	30.0	25.0	21.1	17.8	13.8	11.0	9.1	7.7	6.6	5.8	4.6	3.7

Maksimum= 88.72 i afstand 50 m og retning 280 grader i 198107 (yyyymm)

Dato: 2026/03/25 OML-Multi PC-version 20240314/7.10 Side 7
DCE - Nationalt Center for Miljø og Energi, Aarhus Universitet

Lugt Periode: 740101-831231

Middelværdier ($\mu\text{g}/\text{m}^3$)

Retning (grader)	Afstand (m)																600	700
	50	75	100	125	150	175	200	250	300	350	400	450	500					
0	1.6	1.1	0.8	0.7	0.6	0.5	0.4	0.3	0.3	0.2	0.2	0.2	0.1	0.1	0.1			
10	1.8	1.2	0.9	0.8	0.6	0.5	0.5	0.4	0.3	0.3	0.2	0.2	0.2	0.1	0.1			
20	1.9	1.3	1.0	0.8	0.7	0.6	0.5	0.4	0.3	0.3	0.2	0.2	0.2	0.1	0.1			
30	1.9	1.3	1.1	0.9	0.7	0.6	0.6	0.4	0.4	0.3	0.3	0.2	0.2	0.2	0.1			
40	1.9	1.3	1.0	0.8	0.7	0.6	0.5	0.4	0.3	0.3	0.2	0.2	0.2	0.2	0.1			
50	1.8	1.2	1.0	0.8	0.7	0.6	0.5	0.4	0.4	0.3	0.3	0.2	0.2	0.2	0.1			
60	1.7	1.2	1.0	0.8	0.7	0.6	0.6	0.4	0.4	0.3	0.3	0.2	0.2	0.2	0.1			
70	1.8	1.2	1.0	0.8	0.7	0.6	0.6	0.5	0.4	0.3	0.3	0.2	0.2	0.2	0.1			
80	1.8	1.3	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3	0.3	0.2	0.2	0.2	0.1			
90	1.9	1.3	1.1	0.9	0.8	0.7	0.6	0.5	0.4	0.3	0.3	0.2	0.2	0.2	0.1			
100	1.8	1.3	1.0	0.8	0.7	0.6	0.6	0.5	0.4	0.3	0.3	0.2	0.2	0.2	0.1			
110	1.7	1.2	0.9	0.8	0.7	0.6	0.5	0.4	0.3	0.3	0.2	0.2	0.2	0.1	0.1			
120	1.6	1.1	0.8	0.7	0.6	0.5	0.4	0.3	0.3	0.2	0.2	0.2	0.2	0.1	0.1			
130	1.5	1.0	0.8	0.6	0.5	0.4	0.4	0.3	0.2	0.2	0.2	0.2	0.1	0.1	0.1			
140	1.5	1.0	0.7	0.6	0.5	0.4	0.4	0.3	0.2	0.2	0.2	0.1	0.1	0.1	0.1			
150	1.5	1.0	0.7	0.6	0.5	0.4	0.3	0.3	0.2	0.2	0.2	0.1	0.1	0.1	0.1			
160	1.5	1.0	0.7	0.6	0.5	0.4	0.3	0.3	0.2	0.2	0.2	0.1	0.1	0.1	0.1			
170	1.6	1.0	0.8	0.6	0.5	0.4	0.4	0.3	0.2	0.2	0.2	0.1	0.1	0.1	0.1			
180	1.7	1.1	0.8	0.7	0.5	0.5	0.4	0.3	0.3	0.2	0.2	0.2	0.1	0.1	0.1			
190	1.8	1.2	0.9	0.7	0.6	0.5	0.4	0.3	0.3	0.2	0.2	0.2	0.2	0.1	0.1			
200	1.9	1.3	0.9	0.8	0.6	0.5	0.5	0.4	0.3	0.2	0.2	0.2	0.2	0.1	0.1			
210	2.1	1.3	1.0	0.8	0.7	0.6	0.5	0.4	0.3	0.3	0.2	0.2	0.2	0.1	0.1			
220	2.1	1.4	1.1	0.8	0.7	0.6	0.5	0.4	0.3	0.3	0.2	0.2	0.2	0.1	0.1			
230	2.2	1.4	1.1	0.9	0.7	0.6	0.5	0.4	0.3	0.3	0.2	0.2	0.2	0.1	0.1			
240	2.2	1.5	1.1	0.9	0.7	0.6	0.5	0.4	0.3	0.3	0.2	0.2	0.2	0.2	0.1			
250	2.2	1.5	1.1	0.9	0.8	0.6	0.6	0.4	0.4	0.3	0.2	0.2	0.2	0.2	0.1			
260	2.1	1.5	1.1	0.9	0.7	0.6	0.5	0.4	0.3	0.3	0.2	0.2	0.2	0.2	0.1			
270	2.1	1.4	1.1	0.9	0.7	0.6	0.5	0.4	0.3	0.3	0.2	0.2	0.2	0.1	0.1			
280	2.0	1.4	1.0	0.8	0.7	0.6	0.5	0.4	0.3	0.3	0.2	0.2	0.2	0.1	0.1			
290	1.9	1.3	1.0	0.8	0.7	0.6	0.5	0.4	0.3	0.3	0.2	0.2	0.2	0.1	0.1			
300	1.7	1.2	0.8	0.8	0.6	0.5	0.5	0.4	0.3	0.3	0.2	0.2	0.2	0.1	0.1			
310	1.5	1.0	0.8	0.6	0.5	0.5	0.4	0.3	0.3	0.2	0.2	0.2	0.1	0.1	0.1			
320	1.4	0.9	0.7	0.6	0.5	0.4	0.4	0.3	0.2	0.2	0.2	0.1	0.1	0.1	0.1			
330	1.3	0.9	0.7	0.6	0.5	0.4	0.3	0.3	0.2	0.2	0.2	0.1	0.1	0.1	0.1			
340	1.3	0.9	0.7	0.6	0.5	0.4	0.4	0.3	0.2	0.2	0.2	0.1	0.1	0.1	0.1			
350	1.4	1.0	0.7	0.6	0.5	0.4	0.4	0.3	0.2	0.2	0.2	0.2	0.1	0.1	0.1			

Maksimum= 2.19 i afstand 50 m og retning 240 grader.

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Side 8

Lugt Periode: 740101-831231

Maksimalt timeværdier ($\mu\text{g}/\text{m}^3$)

Retning (grader)	Afstand (m)																600	700
	50	75	100	125	150	175	200	250	300	350	400	450	500					
0	108.7	89.9	71.3	57.5	47.3	39.6	33.8	25.8	20.5	16.9	14.3	12.3	10.7	8.4	6.8			
10	96.2	66.7	49.3	39.3	33.0	28.0	24.1	18.6	14.9	12.3	10.5	9.1	8.0	6.5	5.4			
20	146.3	101.2	75.4	57.9	47.4	39.5	33.8	25.5	20.5	16.8	14.2	12.2	10.7	8.5	7.0			
30	177.2	125.1	92.2	70.7	56.9	47.0	39.4	29.6	23.5	19.4	16.0	13.7	11.9	9.2	7.7			
40	143.0	117.8	95.1	77.9	64.0	52.8	44.8	33.1	25.6	20.3	16.6	13.8	11.6	8.6	6.7			
50	136.9	116.8	93.9	77.2	63.1	52.3	44.3	32.9	25.2	20.3	16.6	13.9	11.7	8.6	6.7			
60	119.6	93.7	71.6	57.3	47.9	39.9	34.2	26.0	20.5	16.7	13.9	11.7	9.8	7.4	5.8			
70	95.3	67.2	49.5	38.2	32.5	28.8	25.6	20.3	16.3	13.2	10.9	9.1	7.8	6.3	5.2			
80	103.5	81.3	66.5	54.6	45.3	38.3	32.9	25.2	20.1	16.5	13.9	11.9	10.3	8.1	6.5			
90	95.6	71.9	57.6	46.8	38.8	33.1	28.5	22.0	17.7	14.7	12.4	10.7	9.3	7.4	6.0			
100	95.3	73.0	58.7	45.9	37.3	30.8	26.1	19.5	15.3	12.5	10.4	8.9	7.7	6.1	4.9			
110	97.1	66.4	49.2	38.3	30.9	25.6	21.7	16.5	13.1	10.7	9.0	7.9	7.2	5.8	4.8			
120	99.3	67.8	51.8	41.5	35.5	30.6	26.5	20.2	15.7	12.5	10.2	8.4	7.1	5.5	4.4			
130	94.6	65.9	48.8	37.7	31.0	26.3	22.4	16.5	12.8	10.5	8.7	7.7	6.8	5.5	4.5			
140	97.2	72.3	60.4	50.5	42.2	36.0	31.1	24.0	18.4	15.8	12.6	11.2	9.6	7.4	5.9			
150	96.5	83.0	73.2	62.7	52.9	45.0	38.7	29.5	23.3	18.9	15.6	12.0	11.2	8.5	6.7			
160	96.4	79.1	68.3	57.9	48.8	41.6	35.8	27.4	21.7	17.7	14.7	12.4	10.7	8.2	6.4			
170	98.2	67.2	49.3	39.6	33.0	28.2	24.5	19.2	15.7	13.1	11.1	9.5	8.3	6.5	5.2			
180	103.7	71.5	54.4	46.4	39.3	33.6	29.1	22.1	17.1	13.6	11.0	9.0	7.9	6.2	5.1			
190	100.6	72.4	57.4	49.2	42.7	36.9	32.2	24.7	19.4	15.6	12.7	10.5	8.9	6.9	5.7			
200	129.7	103.6	81.5	65.0	53.0	44.5	38.2	28.7	22.8	18.7	15.5	13.4	11.6	9.2	7.4			
210	98.3	71.7	53.8	41.9	33.8	28.0	23.7	18.4	15.2	12.7	10.9	9.4	8.4	6.7	5.7			
220	109.3	76.9	56.4	43.7	36.3	30.8	26.3	19.4	15.3	12.4	10.3	8.7	7.5	5.8	4.5			
230	97.6	80.7	63.9	51.0	41.7	34.4	29.1	21.7	16.9	13.8	11.7	10.1	8.8	7.0	5.8			

240	97.6	67.6	51.4	41.1	33.8	28.3	24.1	19.1	15.6	12.9	10.9	9.4	7.8	6.2	5.1
250	124.1	93.2	71.7	56.6	45.6	38.0	32.4	24.3	19.5	15.7	12.5	11.4	9.2	7.6	6.1
260	147.1	105.9	82.3	65.0	52.6	43.3	36.7	27.3	20.5	17.5	14.5	10.5	10.3	8.2	6.5
270	140.0	104.0	79.6	62.4	50.5	41.8	35.4	26.6	19.7	17.2	14.2	9.8	9.7	8.0	6.5
280	134.5	102.9	75.9	62.7	51.4	40.7	33.8	26.9	21.5	17.4	14.7	10.9	10.2	8.4	6.9
290	160.1	117.5	83.9	67.6	55.4	45.9	36.8	28.5	22.1	18.0	15.3	12.6	10.4	8.5	6.8
300	159.5	117.8	77.1	78.7	65.2	54.1	46.0	35.4	26.7	21.1	16.8	14.0	11.6	9.0	7.4
310	184.7	131.9	96.5	73.3	58.5	48.9	42.0	30.5	23.7	19.0	15.8	13.5	11.6	8.9	7.1
320	164.2	113.1	82.4	62.1	52.0	43.1	36.3	27.8	21.2	17.3	14.7	12.7	11.0	8.6	7.0
330	181.5	124.2	90.9	69.5	55.2	46.1	37.7	30.0	23.3	19.3	16.3	14.0	12.1	9.5	7.4
340	152.2	104.3	75.3	58.4	47.5	39.7	33.8	25.8	20.8	16.8	14.7	12.6	11.0	8.7	7.0
350	95.0	68.9	57.4	46.3	37.5	31.1	26.2	19.5	16.0	13.4	11.4	9.9	8.7	6.9	5.8

Maksimum= 184.74 i afstand 50 m og retning 310 grader.

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Benyttede filer.

Følgende inputfiler er benyttet i beregningerne:

Punktkilder Z:\Tasks\126\126-22081\Data\OML filer\zoomed grid\sweeps\sweep\run_006\ARC_GRID_ZOOM_run_006.kld
Meteorologi..... C:\OML_Data\Aal7483LST.met
Receptorer..... Z:\Tasks\126\126-22081\Data\OML filer\zoomed grid\sweeps\sweep\run_006\ARC_GRID_ZOOM_run_006.rct
Beregningsopsætning..... Z:\Tasks\126\126-22081\Data\OML filer\zoomed grid\ARC_GRID_ZOOM.opt

Følgende outputfil er benyttet:

Resultater Z:\Tasks\126\126-22081\Data\OML filer\zoomed grid\sweeps\sweep\run_006\ARC_GRID_ZOOM_run_006.log

Receptorhøjde: 78 meter

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Meteorologiske spredningsberegninger er udført for følgende periode (lokal standard tid):

Start af beregningen = 740101 kl. 1
Slut på beregningen (incl.) = 831231 kl. 24

Meteorologiske data er fra: AALBORG

Koordinatsystem.

Der er anvendt et x,y-koordinatsystem med x-akse mod øst (90 grader) og y-akse mod nord (0 grader).
Enheden er meter. Systemet er fælles for receptorer og kilder. Origo kan fastlægges frit, fx. i skorstensfoden for den mest dominerende kilde eller som i UTM-systemet.

Receptordata.

Ruhedslængde, z0 = 0.300 m

Største terrænhældning = 12 grader

Receptorerne er beliggende med 10 graders interval i 15 koncentriske cirkler med centrum x,y: 727753., 6176879.
og radierne (m):
50. 75. 100. 150. 200.
300. 400. 500. 600. 700.
800. 1000. 1500. 2000. 2500.

Terrænhøjder er ikke alle ens.

Alle receptorhøjder = 78.0 m.

Alle overflader er typenr. = 2 (Har kun betydning ved VVM-deposition)

Dato: 2026/03/25 OML-Multi PC-version 20240314/7.10 Side 2
DCE - Nationalt Center for Miljø og Energi, Aarhus Universitet

Terrænhøjder [m]

Retning (grader)	Afstand (m)														
	50	75	100	150	200	300	400	500	600	700	800	1000	1500	2000	2500
0	2.6	2.2	2.6	2.6	2.8	2.3	2.0	0.0	0.0	2.0	0.3	2.4	2.6	0.0	0.0
10	2.7	2.3	2.3	3.0	2.7	2.7	1.9	1.9	0.0	0.0	2.7	2.7	0.8	0.0	0.0
20	2.8	2.5	2.2	2.4	2.5	2.7	2.7	0.0	1.9	0.0	0.0	0.1	0.1	0.0	0.0
30	2.9	2.4	2.3	2.4	2.5	2.1	2.6	2.6	2.6	0.0	0.0	0.0	0.1	0.0	0.0
40	2.9	2.3	2.4	2.3	2.4	2.5	2.7	2.8	2.9	2.7	2.6	0.0	0.0	0.0	0.0
50	3.0	2.3	2.1	2.3	2.3	2.4	2.3	2.8	2.8	3.0	2.9	0.0	0.0	0.0	0.0
60	3.0	2.2	2.6	2.2	2.5	2.5	1.8	0.6	2.8	2.7	2.7	0.0	0.0	0.0	0.0
70	2.9	2.3	2.2	2.3	2.6	2.4	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80	3.1	2.2	2.3	2.4	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90	3.1	2.5	2.2	2.4	2.3	0.0	0.0	0.0	0.0	2.1	2.2	0.0	0.0	0.0	0.0
100	3.1	2.7	2.4	0.0	0.0	0.0	0.0	1.2	2.3	2.5	2.2	0.0	0.0	0.0	0.0
110	3.2	2.8	2.3	0.0	0.0	0.0	0.0	2.3	2.5	2.5	2.3	2.3	0.0	0.0	0.0
120	3.2	3.0	2.6	0.0	0.0	0.0	2.4	2.2	2.3	2.5	3.0	0.0	4.9	0.0	0.0
130	2.3	2.7	2.8	0.0	0.0	0.0	3.5	2.3	2.7	2.5	2.3	0.0	2.4	0.0	0.0
140	2.2	2.7	2.5	3.6	4.7	0.0	2.9	5.5	2.1	2.6	4.5	2.4	2.5	0.0	0.0
150	2.1	2.4	2.2	0.0	0.0	0.0	2.9	2.7	4.4	2.1	2.7	2.4	2.6	1.4	0.0
160	2.2	2.5	2.4	0.0	0.0	0.0	1.2	3.2	3.0	3.0	2.1	0.0	0.0	0.8	0.0
170	2.1	2.4	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.2	1.3	1.9
180	2.1	2.5	2.0	2.3	0.0	0.0	0.0	0.0	0.0	2.8	8.1	3.4	1.9	3.1	2.1
190	2.1	2.2	2.2	2.5	2.4	0.0	0.0	2.7	3.5	2.1	2.9	1.6	0.9	1.8	2.1
200	2.0	2.1	2.2	2.3	2.5	0.1	0.0	0.0	2.5	2.4	2.0	2.1	1.1	1.9	2.7
210	2.0	2.2	2.1	2.3	2.5	2.3	2.8	2.5	4.8	7.3	4.2	5.0	1.1	2.6	2.0
220	2.0	2.1	2.2	2.5	2.8	2.5	2.6	2.9	2.3	4.0	4.5	0.6	0.6	1.3	2.0
230	2.1	2.1	2.2	2.4	3.0	3.0	3.1	3.3	3.2	0.8	0.6	2.8	0.0	1.8	5.7
240	2.1	2.1	2.2	2.4	3.0	3.4	3.8	2.7	2.1	1.1	0.0	0.3	2.2	1.4	1.8
250	2.0	2.2	2.2	3.0	2.9	3.3	8.3	3.3	2.2	0.0	1.7	0.0	1.8	0.0	2.0
260	2.1	2.2	2.1	2.3	2.6	2.6	2.6	3.6	0.0	0.0	1.0	1.7	3.1	2.2	4.6
270	2.1	2.1	2.2	2.6	2.8	2.8	1.9	6.3	2.3	0.2	1.9	2.5	0.0	3.0	4.3
280	2.1	2.1	3.5	2.8	4.0	2.4	2.0	6.0	2.6	0.0	0.0	2.6	0.0	2.8	6.1
290	2.2	2.3	4.0	1.6	6.3	3.2	2.6	5.7	3.1	2.9	0.0	0.9	0.0	9.6	3.0
300	2.2	2.2	2.7	3.0	2.7	3.1	3.5	3.9	3.0	0.0	2.7	0.0	0.0	0.4	5.8
310	2.1	2.2	7.7	3.0	3.1	3.1	3.2	3.0	0.0	0.0	2.4	2.6	0.0	0.0	2.4
320	2.1	2.2	2.7	2.9	3.0	3.5	2.6	0.0	0.0	2.6	1.9	2.3	0.0	0.0	0.0
330	2.2	2.9	2.8	3.0	2.7	2.9	0.0	0.0	0.0	2.1	2.1	5.6	0.0	0.0	0.0
340	2.1	2.7	2.9	3.1	3.0	2.6	0.0	0.0	0.0	2.5	2.7	1.9	2.7	0.0	0.0
350	2.3	2.2	3.3	3.0	2.6	2.5	3.9	5.6	0.0	6.6	2.3	4.7	2.5	0.0	0.0

Dato: 2026/03/25

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Side 3

DCE - Nationalt Center for Miljø og Energi, Aarhus Universitet

Forkortelser benyttet for kildeparametrene:

Nr.....: Internt kildenummer
ID.....: Tekst til identificering af kilde
X.....: X-koordinat for kilde [m]
Y.....: Y-koordinat for kilde [m]
Z.....: Terrænkote for skorstensfod [m]
HS.....: Skorstenshøjde over terræn [m]
T.....: Temperatur af røggas [Kelvin]/[Celsius]
VOL.....: Volumenmængde af røggas [normal m3/sek]
DSO.....: Ydre diameter af skorstenstop [m]
DSI.....: Indre diameter af skorstenstop [m]
HB.....: Generel beregningsmæssig bygningshøjde [m]
Qi.....: Emission af stof nr. 'i' [gram/sek], [MLE/sek] eller [MOU/sek]

Punktkilder.

Kildedata:

Nr ID	X	Y	Z	HS	T(C)	VOL	DSI	DSO	HB	Q1	Q2	Q3
1 1	727753.	6176879.	2.1	35.0	18.	26.00	1.60	2.00	15.0	0.1180	0.0000	0.0000

Tidsvariationer i emissionen fra punktkilder.

Emissionerne fra de enkelte punktkilder er konstant.

Afledte kildeparametre:

Kilde nr.	Vertikal røggashastighed m/s	Buoyancy flux (termisk løft) (omtrentlig) m4/s3
1	13.8	2.4

Der er ingen retningsafhængige bygningsdata.

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Side 4

DCE - Nationalt Center for Miljø og Energi, Aarhus Universitet

Side til advarsler.

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DCE - Nationalt Center for Miljø og Energi, Aarhus Universitet

Side 5

Lugt Periode: 740101-831231

De 4. største månedlige 99%-fraktiler (µg/m3)

Retning (grader)	Afstand (m)															
	50	75	100	150	200	300	400	500	600	700	800	1000	1500	2000	2500	
0	49.0	37.8	29.6	20.3	14.7	9.5	6.8	5.2	4.1	3.4	2.9	2.2	1.3	0.9	0.7	
10	49.4	38.8	30.8	21.2	15.2	9.8	7.1	5.3	4.2	3.5	2.9	2.2	1.3	0.9	0.7	
20	48.8	36.9	30.2	20.4	15.4	9.6	6.8	5.2	4.1	3.4	2.9	2.2	1.3	0.9	0.7	
30	49.7	38.1	30.6	22.1	16.2	10.2	7.2	5.5	4.4	3.6	3.0	2.3	1.3	0.9	0.7	
40	50.7	38.5	31.4	21.5	15.9	9.9	7.0	5.3	4.2	3.4	2.9	2.2	1.3	0.9	0.7	
50	45.8	35.9	28.9	20.1	15.5	9.8	7.0	5.3	4.2	3.4	2.9	2.2	1.3	0.9	0.7	
60	46.9	36.1	28.7	20.4	15.0	9.5	6.8	5.2	4.2	3.4	2.9	2.2	1.3	0.9	0.7	
70	47.3	36.1	29.8	21.1	15.2	9.7	6.9	5.3	4.2	3.4	2.9	2.2	1.3	0.9	0.7	
80	45.7	34.8	28.7	19.8	14.4	9.2	6.6	5.1	4.1	3.4	2.8	2.1	1.3	0.9	0.7	
90	43.2	33.5	26.7	18.3	13.8	8.7	6.4	4.8	3.9	3.2	2.7	2.1	1.2	0.9	0.6	
100	45.7	34.8	28.0	18.9	14.0	8.9	6.3	4.8	3.9	3.2	2.7	2.1	1.3	0.9	0.7	
110	46.8	35.1	27.8	18.8	13.8	8.8	6.3	4.9	3.9	3.2	2.7	2.1	1.2	0.9	0.6	
120	44.8	33.6	27.8	19.4	14.8	9.1	6.5	5.0	4.0	3.3	2.8	2.1	1.2	0.9	0.6	
130	46.9	35.3	28.1	19.4	14.1	9.2	6.6	5.0	4.0	3.3	2.8	2.1	1.3	0.9	0.7	
140	49.0	35.8	28.7	20.1	14.7	9.6	6.7	5.0	4.1	3.3	2.8	2.1	1.3	0.9	0.7	
150	50.4	37.3	30.3	21.5	15.7	9.7	6.9	5.2	4.1	3.4	2.9	2.2	1.3	0.9	0.7	
160	49.0	36.3	30.0	20.6	15.6	9.8	6.9	5.2	4.1	3.4	2.9	2.2	1.3	0.9	0.7	
170	50.4	37.2	30.5	21.5	16.0	10.0	7.0	5.3	4.2	3.5	2.9	2.2	1.3	0.9	0.7	
180	50.7	37.7	31.5	21.7	16.0	10.2	7.3	5.5	4.4	3.6	3.0	2.3	1.3	0.9	0.7	
190	51.0	39.8	32.2	22.2	16.7	10.5	7.4	5.5	4.4	3.6	3.0	2.3	1.4	0.9	0.7	
200	50.9	39.0	31.8	22.1	16.6	10.3	7.2	5.5	4.4	3.6	3.0	2.3	1.3	0.9	0.7	
210	51.8	38.6	31.8	22.4	16.6	10.3	7.2	5.5	4.3	3.5	3.0	2.2	1.3	0.9	0.7	
220	52.2	39.6	32.7	22.8	16.8	10.6	7.4	5.6	4.5	3.6	3.1	2.3	1.4	0.9	0.7	
230	52.8	40.6	33.6	22.7	16.9	10.5	7.4	5.6	4.5	3.7	3.1	2.3	1.4	0.9	0.7	
240	51.6	38.8	31.8	22.1	16.4	10.2	7.2	5.5	4.4	3.6	3.0	2.3	1.3	0.9	0.7	
250	53.4	40.1	32.2	21.9	16.4	10.3	7.0	5.4	4.4	3.6	3.0	2.3	1.3	0.9	0.7	
260	51.9	39.4	31.8	22.8	16.9	10.5	7.5	5.6	4.5	3.7	3.1	2.3	1.3	0.9	0.7	
270	52.7	40.1	32.6	22.6	16.6	10.3	7.3	5.5	4.4	3.6	3.1	2.3	1.4	0.9	0.7	
280	53.3	40.2	32.8	22.5	16.8	10.5	7.4	5.5	4.5	3.7	3.1	2.3	1.4	0.9	0.7	
290	53.5	41.1	31.6	22.3	16.1	10.2	7.2	5.5	4.4	3.6	3.0	2.3	1.4	0.9	0.7	
300	51.2	39.6	31.4	20.8	15.5	9.9	6.9	5.3	4.3	3.5	3.0	2.2	1.3	0.9	0.7	
310	48.0	36.1	26.7	20.1	14.7	9.1	6.5	5.0	4.0	3.3	2.8	2.1	1.3	0.9	0.7	
320	47.8	37.0	28.6	19.7	14.2	9.3	6.6	5.0	4.0	3.3	2.8	2.1	1.3	0.9	0.7	
330	45.2	34.7	27.9	19.3	14.8	9.2	6.4	4.9	3.9	3.3	2.8	2.1	1.3	0.9	0.6	
340	45.7	34.4	27.2	18.8	13.8	9.1	6.5	5.0	4.0	3.3	2.8	2.1	1.2	0.9	0.7	
350	47.8	34.1	27.3	18.6	13.8	8.7	6.2	4.8	3.9	3.2	2.7	2.0	1.2	0.9	0.6	

Maksimum= 53.47 i afstand 50 m og retning 290 grader i 198304 (yyyy-mm)

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Side 6

Lugt Periode: 740101-831231

De største månedlige 99%-fraktiler (µg/m3)

Retning (grader)	Afstand (m)															
	50	75	100	150	200	300	400	500	600	700	800	1000	1500	2000	2500	
0	53.0	41.6	32.6	23.1	16.6	10.3	7.2	5.4	4.3	3.5	3.0	2.2	1.3	0.9	0.7	
10	58.5	43.1	34.3	23.8	17.5	10.9	7.7	5.8	4.6	3.7	3.1	2.3	1.4	1.0	0.7	
20	51.5	39.3	31.0	21.3	15.7	10.0	7.1	5.4	4.3	3.6	3.0	2.3	1.3	0.9	0.7	
30	53.6	43.4	33.7	23.2	17.3	10.9	7.6	5.8	4.6	3.8	3.2	2.4	1.4	1.0	0.7	
40	52.1	40.8	33.0	22.8	16.7	10.4	7.3	5.5	4.4	3.6	3.0	2.3	1.3	0.9	0.7	
50	50.8	38.7	30.7	21.6	16.1	10.1	7.2	5.5	4.4	3.6	3.0	2.3	1.3	0.9	0.7	
60	50.2	39.9	32.2	22.4	16.6	10.4	7.4	5.7	4.6	3.8	3.2	2.4	1.4	1.0	0.8	
70	51.0	39.7	32.1	22.7	17.1	10.6	7.5	5.6	4.5	3.7	3.1	2.3	1.4	0.9	0.7	
80	48.3	38.5	30.3	21.4	15.8	9.9	7.0	5.3	4.2	3.5	2.9	2.2	1.3	0.9	0.7	
90	48.7	37.2	30.5	21.5	15.9	10.1	7.1	5.4	4.3	3.6	3.0	2.3	1.3	0.9	0.7	
100	50.6	39.6	31.3	20.9	15.4	9.7	6.9	5.3	4.2	3.4	2.9	2.2	1.3	0.9	0.7	
110	50.3	39.5	30.7	19.7	14.5	9.2	6.5	5.0	4.0	3.3	2.8	2.1	1.3	0.9	0.7	

120	49.9	38.4	30.5	20.6	15.4	9.6	6.8	5.1	4.1	3.3	2.8	2.1	1.3	0.9	0.7
130	51.0	38.1	30.2	21.0	15.5	9.8	7.1	5.4	4.3	3.5	3.0	2.2	1.3	0.9	0.7
140	53.2	39.9	31.4	20.8	15.4	9.7	6.9	5.3	4.2	3.4	2.9	2.2	1.3	0.9	0.7
150	53.4	41.5	33.9	22.3	16.5	10.3	7.3	5.5	4.3	3.6	3.0	2.3	1.3	0.9	0.7
160	51.9	40.9	32.2	21.9	16.0	9.9	7.0	5.3	4.2	3.5	3.0	2.3	1.3	0.9	0.7
170	53.5	39.0	30.9	21.8	16.3	10.4	7.3	5.6	4.4	3.6	3.1	2.3	1.4	0.9	0.7
180	52.3	39.6	32.8	23.7	17.6	11.0	7.7	5.8	4.6	3.8	3.1	2.3	1.4	0.9	0.7
190	54.7	43.6	34.6	23.2	17.2	10.8	7.5	5.7	4.5	3.7	3.1	2.3	1.4	0.9	0.7
200	56.6	42.6	34.2	23.5	16.8	10.5	7.4	5.6	4.4	3.6	3.1	2.3	1.4	0.9	0.7
210	52.4	41.4	33.0	22.6	16.8	10.6	7.5	5.7	4.5	3.6	3.1	2.3	1.4	0.9	0.7
220	58.1	42.3	33.6	23.8	17.5	10.9	7.7	5.8	4.6	3.8	3.2	2.4	1.4	1.0	0.7
230	57.2	43.4	34.3	24.0	17.7	11.0	7.7	5.8	4.6	3.8	3.2	2.4	1.4	1.0	0.7
240	52.9	39.7	33.7	23.3	17.3	10.8	7.6	5.7	4.6	3.7	3.2	2.4	1.4	0.9	0.7
250	54.4	43.3	35.7	24.3	17.7	10.8	7.3	5.7	4.5	3.7	3.1	2.4	1.4	1.0	0.7
260	56.9	46.5	37.1	24.8	17.9	11.1	7.8	5.9	4.6	3.8	3.2	2.4	1.4	1.0	0.7
270	55.6	43.2	34.4	23.6	17.2	10.8	7.7	5.7	4.6	3.8	3.2	2.4	1.4	1.0	0.7
280	56.2	43.4	33.5	23.8	17.5	11.0	7.8	5.7	4.7	3.8	3.2	2.4	1.4	1.0	0.7
290	59.2	42.9	33.5	23.9	17.1	10.9	7.6	5.6	4.6	3.8	3.2	2.4	1.4	1.0	0.7
300	60.4	43.2	33.3	22.2	16.5	10.4	7.4	5.6	4.5	3.7	3.1	2.3	1.4	0.9	0.7
310	56.0	43.0	32.8	24.1	17.7	10.9	7.7	5.8	4.6	3.8	3.2	2.4	1.4	1.0	0.7
320	50.1	38.5	31.3	21.9	16.3	10.3	7.3	5.6	4.5	3.7	3.1	2.3	1.4	1.0	0.7
330	51.8	39.2	32.6	22.5	16.6	10.3	7.4	5.6	4.4	3.6	3.1	2.3	1.4	0.9	0.7
340	46.4	36.7	29.0	20.2	15.2	9.6	6.8	5.2	4.1	3.4	2.9	2.2	1.3	0.9	0.7
350	54.0	39.5	31.2	22.0	16.1	10.1	7.1	5.4	4.3	3.5	3.0	2.2	1.3	0.9	0.7

Maksimum= 60.36 i afstand 50 m og retning 300 grader i 197608 (yyyymm)

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Lugt Periode: 740101-831231

Middelværdier (µg/m3)

Retning (grader)	Afstand (m)														
	50	75	100	150	200	300	400	500	600	700	800	1000	1500	2000	2500
0	0.9	0.6	0.5	0.3	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0
10	1.0	0.7	0.5	0.3	0.3	0.2	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0
20	1.0	0.7	0.6	0.4	0.3	0.2	0.2	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0
30	1.0	0.7	0.6	0.4	0.3	0.2	0.2	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0
40	1.0	0.7	0.5	0.4	0.3	0.2	0.2	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0
50	1.0	0.7	0.5	0.4	0.3	0.2	0.2	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0
60	0.9	0.6	0.5	0.4	0.3	0.2	0.2	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0
70	0.9	0.6	0.5	0.3	0.3	0.2	0.2	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0
80	0.9	0.6	0.5	0.3	0.3	0.2	0.2	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0
90	0.9	0.6	0.5	0.3	0.3	0.2	0.2	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0
100	0.9	0.6	0.5	0.3	0.3	0.2	0.2	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0
110	0.9	0.6	0.5	0.3	0.3	0.2	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0
120	0.9	0.6	0.4	0.3	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0
130	0.9	0.6	0.4	0.3	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0
140	0.9	0.6	0.4	0.3	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0
150	0.9	0.6	0.4	0.3	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0
160	0.9	0.6	0.5	0.3	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0
170	1.0	0.7	0.5	0.3	0.3	0.2	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0
180	1.1	0.7	0.6	0.4	0.3	0.2	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0
190	1.2	0.8	0.6	0.4	0.3	0.2	0.2	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0
200	1.3	0.8	0.6	0.4	0.3	0.2	0.2	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0
210	1.3	0.9	0.7	0.5	0.3	0.2	0.2	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0
220	1.3	0.9	0.7	0.5	0.4	0.2	0.2	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0
230	1.3	0.9	0.7	0.5	0.4	0.2	0.2	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0
240	1.3	0.9	0.7	0.5	0.4	0.2	0.2	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0
250	1.3	0.9	0.7	0.5	0.4	0.2	0.2	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0
260	1.3	0.9	0.7	0.5	0.4	0.2	0.2	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0
270	1.3	0.9	0.7	0.5	0.3	0.2	0.2	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0
280	1.2	0.8	0.6	0.4	0.3	0.2	0.2	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0
290	1.1	0.8	0.6	0.4	0.3	0.2	0.2	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0
300	1.0	0.7	0.5	0.4	0.3	0.2	0.2	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0
310	0.9	0.6	0.4	0.3	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0
320	0.8	0.5	0.4	0.3	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0
330	0.8	0.5	0.4	0.3	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0
340	0.8	0.5	0.4	0.3	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0
350	0.8	0.5	0.4	0.3	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0

Maksimum= 1.34 i afstand 50 m og retning 230 grader.

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Lugt Periode: 740101-831231

Maksimale timeværdier ($\mu\text{g}/\text{m}^3$)

Retning (grader)	Afstand (m)															
	50	75	100	150	200	300	400	500	600	700	800	1000	1500	2000	2500	
0	79.7	65.9	53.0	36.5	27.0	17.3	12.4	9.5	7.6	6.3	5.3	4.0	2.6	1.9	1.5	
10	99.1	85.2	70.6	48.0	35.3	21.7	15.3	11.5	9.0	7.4	6.1	4.5	2.7	1.8	1.3	
20	98.7	78.9	64.8	44.2	32.4	20.1	14.1	10.8	8.6	7.0	5.9	4.4	2.6	1.8	1.3	
30	98.5	77.7	60.2	43.4	32.9	21.4	15.1	11.4	9.0	7.4	6.1	4.5	2.5	1.6	1.3	
40	82.9	77.5	70.4	55.7	43.1	27.3	18.8	13.9	10.7	8.6	7.1	5.1	2.8	2.1	1.7	
50	87.6	75.5	62.3	42.7	32.4	20.9	14.9	11.2	8.8	7.1	5.9	4.4	2.5	1.7	1.5	
60	100.9	70.2	53.5	40.5	30.9	19.2	12.7	9.3	7.3	6.0	5.1	3.9	2.3	1.8	1.5	
70	124.1	88.1	65.2	44.2	32.3	20.4	14.4	10.9	8.6	7.0	5.9	4.3	2.5	1.7	1.4	
80	134.1	96.9	76.2	53.4	39.1	24.2	16.7	12.4	9.7	7.8	6.5	4.7	2.7	1.8	1.3	
90	128.5	91.8	68.1	42.1	29.6	18.3	13.0	9.7	7.4	5.9	4.8	3.6	2.2	1.7	1.4	
100	109.0	75.8	56.6	36.3	27.8	18.2	12.6	9.0	6.9	5.4	4.5	3.5	2.1	1.6	1.4	
110	81.4	56.0	46.4	33.4	26.2	18.6	14.2	11.3	9.3	7.9	6.9	5.3	3.3	2.2	1.6	
120	68.6	53.6	44.7	35.9	30.6	22.9	17.8	14.5	12.1	10.3	8.8	7.0	4.1	2.8	2.0	
130	67.0	52.5	42.4	37.5	32.4	24.7	18.9	15.8	13.1	11.3	9.8	7.7	4.7	3.1	2.2	
140	68.6	50.2	42.0	35.3	29.5	23.4	18.1	13.9	12.5	10.5	8.8	7.2	4.4	2.9	2.1	
150	70.7	57.5	48.4	36.0	27.6	19.5	14.7	11.9	9.5	8.5	7.2	5.7	3.5	2.4	1.7	
160	76.7	61.0	52.4	40.6	32.2	21.1	14.6	10.5	8.0	6.4	5.3	4.1	2.8	2.2	1.9	
170	98.4	73.5	59.8	40.7	29.4	18.0	12.5	9.4	7.4	6.1	5.1	3.8	2.3	1.5	1.2	
180	129.8	100.6	79.8	52.1	37.6	22.8	15.8	11.8	9.2	7.4	5.6	4.5	2.7	2.2	1.9	
190	137.0	109.8	86.8	56.5	40.3	24.4	16.7	12.2	9.4	7.8	6.4	4.7	2.7	1.9	1.6	
200	115.7	85.9	65.9	43.4	31.5	19.9	14.0	10.6	8.3	6.8	5.7	4.3	2.5	1.9	1.6	
210	78.3	55.5	43.6	33.2	26.3	17.4	12.1	8.7	6.6	5.1	4.2	3.2	2.0	1.5	1.2	
220	83.5	61.1	48.2	34.2	25.0	14.9	10.9	8.4	6.9	5.5	4.7	3.7	2.2	1.6	1.2	
230	105.5	91.0	75.8	52.6	37.8	23.2	16.0	11.9	9.4	7.8	6.5	4.7	2.8	1.9	1.3	
240	96.7	78.4	63.0	42.8	31.0	19.4	13.6	10.6	8.5	7.0	5.9	4.4	2.6	1.7	1.4	
250	100.3	84.6	71.5	48.6	35.3	21.4	13.4	11.2	9.1	7.4	6.2	4.7	2.7	1.9	1.4	
260	101.3	83.4	67.6	49.0	36.6	22.9	15.8	11.5	9.2	7.4	6.1	4.4	2.5	1.8	1.4	
270	97.8	75.6	65.7	48.0	35.9	23.7	17.6	12.2	10.8	8.9	7.5	5.5	3.1	2.0	1.4	
280	121.7	99.8	76.8	58.0	46.5	33.3	24.0	16.3	13.9	11.3	9.4	6.7	3.6	2.3	1.5	
290	105.8	88.3	68.7	54.2	39.0	28.9	21.2	14.9	12.5	10.2	8.6	6.3	3.4	2.0	1.7	
300	95.2	74.9	58.3	38.9	29.5	18.7	12.7	9.6	8.0	6.9	5.8	4.5	2.6	2.0	1.7	
310	78.2	65.6	52.3	41.9	31.6	19.9	14.0	10.6	8.5	6.9	5.8	4.3	2.7	2.0	1.5	
320	72.5	62.0	52.6	38.0	30.1	21.7	16.5	13.1	10.8	9.1	7.8	6.0	3.7	2.5	1.9	
330	76.6	61.2	52.0	40.2	36.1	27.9	21.5	17.0	13.7	11.4	9.7	7.1	4.2	2.9	2.1	
340	75.5	61.3	52.1	40.0	35.9	27.7	21.4	16.9	13.7	11.3	9.6	7.2	4.2	2.9	2.1	
350	87.6	76.8	63.6	45.3	33.6	21.3	16.1	12.7	10.6	8.7	7.6	5.8	3.6	2.5	1.9	

Maksimum= 136.99 i afstand 50 m og retning 190 grader.

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Benyttede filer.

Følgende inputfiler er benyttet i beregningerne:

Punktkilder Z:\Tasks\126\126-22081\Data\OML filer\sweeps\sweep_003\run_007\ARC_sorteringsanlæg_run_007.kld
Meteorologi..... C:\OML_Data\Aal7483LST.met
Receptorer..... Z:\Tasks\126\126-22081\Data\OML filer\sweeps\sweep_003\run_007\ARC_sorteringsanlæg_run_007.rct
Beregningsopsætning..... Z:\Tasks\126\126-22081\Data\OML filer\ARC_sorteringsanlæg.opt

Følgende outputfil er benyttet:

Resultater Z:\Tasks\126\126-22081\Data\OML filer\sweeps\sweep_003\run_007\ARC_sorteringsanlæg_run_007.log

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Meteorologiske spredningsberegninger er udført for følgende periode (lokal standard tid):

Start af beregningen = 740101 kl. 1
Slut på beregningen (incl.) = 831231 kl. 24

Meteorologiske data er fra: AALBORG

Koordinatsystem.

Der er anvendt et x,y-koordinatsystem med x-akse mod øst (90 grader) og y-akse mod nord (0 grader).
Enheden er meter. Systemet er fælles for receptorer og kilder. Origo kan fastlægges frit, fx. i

skorstensfoden for den mest dominerende kilde eller som i UTM-systemet.

Receptordata.

Ruhedslængde, z0 = 0.300 m

Største terrænhældning = 13 grader

Receptorerne er beliggende med 10 graders interval i 15 koncentriske cirkler med centrum x,y: 727753., 6176879.
og radierne (m): 50. 75. 100. 125. 150.
175. 200. 250. 300. 350.
400. 450. 500. 600. 700.

Terrænhøjder er ikke alle ens.

Alle receptorhøjder = 78.0 m.

Alle overflader er typenr. = 2 (Har kun betydning ved VVM-deposition)

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Side 2

Terrænhøjder [m]

Retning (grader)	Afstand (m)																700
	50	75	100	125	150	175	200	250	300	350	400	450	500	600			
0	2.6	2.2	2.6	2.7	2.6	2.8	2.8	2.6	2.5	2.2	1.9	1.7	0.0	0.0	2.7		
10	2.7	2.5	2.3	2.3	2.7	2.8	2.7	2.6	2.7	2.6	2.1	2.0	2.9	0.0	0.0		
20	2.8	2.5	2.2	2.7	2.4	2.5	2.4	2.7	2.6	2.7	2.6	2.6	2.5	1.8	0.0		
30	2.9	2.5	2.3	2.4	2.3	2.3	2.5	2.5	2.3	2.0	2.5	2.6	2.5	2.8	0.0		
40	2.4	2.3	2.4	2.1	2.1	2.4	2.3	2.5	2.4	2.6	2.6	2.5	2.7	3.0	3.0		
50	3.0	2.3	2.5	1.5	2.2	2.4	2.4	2.4	2.7	2.4	2.3	1.7	2.0	2.8	2.7		
60	2.9	2.2	2.6	2.6	2.2	2.5	2.4	2.4	2.4	2.3	1.9	0.9	2.9	2.8	2.8		
70	2.9	2.4	2.3	2.3	2.3	2.4	2.4	2.3	2.3	0.0	0.0	0.0	0.0	0.0	0.0		
80	3.1	2.3	2.3	2.3	2.4	2.3	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
90	3.1	2.5	2.2	2.3	2.4	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	1.9		
100	3.1	2.7	2.3	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.4	2.7	2.3		
110	3.2	3.0	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	2.6	1.9	2.8		
120	3.0	3.1	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	2.1	2.3	2.1	2.4		
130	2.3	2.7	2.7	3.1	1.1	0.0	0.0	0.0	0.0	2.6	3.5	3.3	2.6	2.1	2.1		
140	2.2	2.7	2.4	0.0	0.0	0.0	1.3	0.0	4.3	0.4	4.7	2.6	2.7	2.7	2.4		
150	2.1	2.6	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.3	6.8	2.4	2.4	2.7		
160	2.2	2.5	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.5	2.3	1.2	0.0		
170	2.1	2.4	2.4	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
180	2.1	2.2	2.2	2.5	2.3	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	2.3		
190	2.0	2.2	2.2	2.3	2.5	2.3	2.3	0.0	1.6	0.0	0.0	0.0	2.9	2.3	2.0		
200	2.0	2.1	2.2	2.3	2.5	2.4	1.9	2.5	2.5	2.5	3.0	2.7	2.8	2.5	2.6		
210	2.0	2.2	2.2	2.3	2.3	2.4	2.3	2.4	2.3	2.3	2.5	2.8	2.7	2.9	2.1		
220	2.0	2.1	2.2	2.3	2.5	2.7	2.8	2.6	2.7	2.6	2.7	2.9	2.7	2.6	4.1		
230	2.1	2.1	2.2	2.4	2.4	2.9	3.0	3.3	3.4	5.4	3.8	4.3	3.2	2.4	0.9		
240	2.1	2.1	2.3	2.3	2.4	2.7	3.0	3.3	3.1	3.1	3.8	6.0	2.8	2.1	1.6		
250	2.0	2.2	2.2	2.3	2.8	2.9	2.9	3.3	2.8	3.2	5.4	2.4	5.6	0.0	0.0		
260	2.1	2.2	2.1	2.2	2.3	2.7	2.6	2.9	4.7	2.4	2.5	10.8	4.0	2.0	0.0		
270	2.1	2.1	2.3	2.6	2.7	2.9	2.9	3.0	5.5	2.3	2.8	14.6	6.0	2.6	0.0		
280	2.1	2.1	3.7	2.7	2.7	4.5	5.3	3.2	2.5	2.6	2.2	11.8	6.2	3.1	0.4		
290	2.2	2.3	4.0	2.8	2.2	2.1	4.0	2.8	3.3	3.1	2.3	3.8	6.0	3.2	3.3		
300	2.2	2.2	7.0	2.9	3.0	3.2	3.2	2.4	2.9	3.0	3.5	3.5	4.1	2.9	0.0		
310	2.1	2.2	2.5	2.9	3.0	3.1	2.9	3.6	3.6	3.5	3.1	0.0	0.0	0.9	0.0		
320	2.1	2.6	3.1	3.9	2.9	2.9	3.0	2.4	3.3	3.1	2.5	0.0	0.0	0.0	2.4		
330	2.2	2.8	2.9	3.1	3.4	3.1	4.2	2.4	2.9	2.5	0.0	0.0	0.0	0.0	3.8		
340	2.3	2.4	3.0	3.2	3.1	3.1	3.1	3.1	2.7	3.4	0.0	0.0	0.0	0.0	2.6		
350	2.3	2.2	3.3	2.9	2.3	2.3	2.8	2.9	2.3	1.9	1.7	1.8	0.0	3.2	2.0		

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Side 3

Forkortelser benyttet for kildeparametrene:

Nr.....: Internt kildenummer
ID.....: Tekst til identificering af kilde
X.....: X-koordinat for kilde [m]
Y.....: Y-koordinat for kilde [m]
Z.....: Terrænkote for skorstensfod [m]
HS.....: Skorstenshøjde over terræn [m]
T.....: Temperatur af røggas [Kelvin]/[Celsius]
VOL.....: Volumenmængde af røggas [normal m3/sek]
DSO.....: Ydre diameter af skorstenstop [m]

DSI..... Indre diameter af skorstenstop [m]
HB..... Generel beregningsmæssig bygningshøjde [m]
QI..... Emission af stof nr. 'I' [gram/sek], [MLE/sek] eller [MOU/sek]

Punktkilder.

Kildedata:

Nr ID	X	Y	Z	HS	T(C)	VOL	DSI	DSO	HB	Lugt	Stof 2	Stof 3	Q1	Q2	Q3
1 1	727753.	6176879.		2.1	35.0	18.	26.00	1.60	2.00	15.0	0.1180	0.0000	0.0000		

Tidsvariationer i emissionen fra punktkilder.

Emissionerne fra de enkelte punktkilder er konstant.

Afledte kildeparametre:

Kilde nr.	Vertikal røggashastighed m/s	Buoyancy flux (termisk løft) (omtrentlig) m4/s3
1	13.8	2.4

Der er ingen retningsafhængige bygningsdata.

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Side til advarsler.

Dato: 2026/03/25 OML-Multi PC-version 20240314/7.10 Side 5
DCE - Nationalt Center for Miljø og Energi, Aarhus Universitet

Lugt Periode: 740101-831231

De 4. største månedlige 99%-fraktiler (µg/m3)

Retning (grader)	50	75	100	125	150	175	200	250	300	350	400	450	500	600	700
0	48.9	37.8	29.6	24.3	20.3	17.1	14.7	11.7	9.6	8.0	6.8	5.9	5.2	4.1	3.4
10	49.4	38.6	30.8	26.1	21.4	17.8	15.2	12.0	9.8	8.3	7.1	6.1	5.3	4.2	3.5
20	48.8	36.9	30.2	24.0	20.4	17.7	15.4	11.9	9.6	8.0	6.8	5.9	5.2	4.1	3.4
30	49.6	38.1	30.6	26.2	22.1	18.6	16.2	12.6	10.2	8.5	7.2	6.3	5.5	4.3	3.6
40	51.2	38.5	31.4	25.9	21.5	18.3	15.9	12.3	9.9	8.2	7.0	6.0	5.3	4.2	3.4
50	45.8	35.9	28.9	23.9	20.2	17.7	15.5	12.1	9.8	8.2	7.0	6.0	5.2	4.2	3.4
60	47.0	36.1	28.7	24.1	20.4	17.3	15.0	11.7	9.5	7.9	6.8	5.9	5.2	4.2	3.4
70	47.3	36.1	29.7	24.8	21.1	17.8	15.3	11.9	9.7	8.1	6.9	6.0	5.3	4.2	3.4
80	45.7	34.8	28.7	24.0	19.8	16.8	14.5	11.3	9.2	7.8	6.6	5.8	5.1	4.1	3.4
90	43.2	33.5	26.7	21.6	18.3	16.0	13.9	10.8	8.7	7.4	6.4	5.5	4.8	3.9	3.2
100	45.7	34.8	28.0	22.5	18.9	16.1	14.0	11.0	8.9	7.3	6.3	5.5	4.8	3.9	3.2
110	46.8	34.9	27.8	22.8	18.8	16.0	13.8	10.8	8.8	7.4	6.3	5.5	4.9	3.9	3.3
120	44.9	33.6	27.8	22.7	19.4	16.8	14.8	11.4	9.1	7.6	6.5	5.7	5.0	4.0	3.3
130	46.8	35.3	28.2	22.6	19.4	16.4	14.1	11.2	9.2	7.7	6.6	5.7	5.0	4.0	3.3
140	48.9	35.8	28.8	24.0	20.4	17.5	15.3	11.9	9.3	8.0	6.6	5.8	5.1	4.1	3.3
150	50.4	37.0	30.3	25.1	21.5	18.3	15.7	12.1	9.7	8.1	6.9	5.8	5.2	4.2	3.4
160	49.0	36.2	30.1	24.9	20.6	17.9	15.6	12.1	9.8	8.1	6.9	5.9	5.2	4.2	3.4
170	50.4	37.2	30.5	25.5	21.5	18.4	16.0	12.4	10.0	8.3	7.0	6.1	5.3	4.2	3.5
180	50.7	37.7	31.4	25.6	21.7	18.6	16.0	12.6	10.2	8.5	7.3	6.3	5.5	4.4	3.6
190	51.0	39.8	32.2	26.4	22.2	19.2	16.7	13.1	10.5	8.7	7.4	6.4	5.5	4.4	3.6
200	50.9	39.0	31.7	26.1	22.2	19.0	16.5	12.8	10.3	8.5	7.2	6.2	5.5	4.4	3.6
210	51.8	38.6	31.8	26.6	22.4	19.0	16.5	12.8	10.3	8.5	7.2	6.2	5.5	4.3	3.6
220	52.2	39.6	32.7	27.1	22.8	19.4	16.8	13.1	10.6	8.8	7.4	6.4	5.6	4.5	3.6
230	52.8	40.6	33.6	26.9	22.7	19.4	16.9	13.0	10.5	8.6	7.4	6.4	5.6	4.5	3.7
240	51.5	38.8	31.7	26.1	22.1	19.0	16.4	12.7	10.3	8.5	7.2	6.0	5.5	4.4	3.6
250	53.4	40.1	32.2	26.6	21.9	18.9	16.4	12.9	10.4	8.5	7.1	6.3	5.4	4.4	3.6
260	51.8	39.4	31.8	26.8	22.8	19.5	16.9	13.1	10.4	8.7	7.5	6.2	5.6	4.5	3.7
270	52.7	40.1	32.6	26.6	22.6	19.2	16.6	12.8	10.3	8.6	7.3	6.2	5.5	4.4	3.6
280	53.3	40.2	32.8	27.0	22.6	19.5	16.8	13.0	10.5	8.8	7.4	6.1	5.5	4.5	3.7
290	53.4	41.1	31.6	26.4	22.3	19.0	16.3	12.6	10.2	8.5	7.2	6.3	5.5	4.4	3.6
300	51.2	39.5	29.9	25.8	20.8	17.9	15.6	12.1	9.9	8.2	6.9	6.0	5.3	4.3	3.5
310	47.9	36.1	28.9	24.0	20.1	17.1	14.7	11.2	9.1	7.6	6.5	5.7	5.0	4.0	3.3
320	47.8	37.0	28.5	23.0	19.7	16.7	14.2	11.3	9.3	7.8	6.6	5.7	5.0	4.0	3.3
330	45.1	34.7	27.9	22.9	19.1	16.7	15.0	11.5	9.2	7.5	6.4	5.5	4.9	3.9	3.3
340	45.1	34.6	27.2	22.4	18.8	15.8	13.8	11.1	9.1	7.6	6.5	5.7	5.0	4.0	3.3
350	47.8	34.1	27.3	22.3	18.8	16.0	13.7	10.7	8.7	7.3	6.2	5.4	4.8	3.9	3.2

Maksimum= 53.44 i afstand 50 m og retning 290 grader i 198304 (yyyymm)

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DCE - Nationalt Center for Miljø og Energi, Aarhus Universitet

Lugt Periode: 740101-831231

De største månedlige 99%-fraktiler (µg/m3)

Retning (grader)	Afstand (m)														
	50	75	100	125	150	175	200	250	300	350	400	450	500	600	700
0	53.0	41.6	32.6	27.2	23.0	19.4	16.6	12.8	10.2	8.5	7.2	6.2	5.4	4.3	3.5
10	58.4	42.7	34.3	28.5	23.9	20.3	17.5	13.6	10.9	9.0	7.7	6.6	5.7	4.6	3.7
20	51.5	39.3	31.0	25.4	21.3	18.1	15.7	12.4	10.1	8.4	7.1	6.2	5.4	4.3	3.6
30	53.6	43.3	33.7	27.4	23.2	19.9	17.3	13.5	10.9	9.0	7.6	6.6	5.8	4.6	3.8
40	52.7	40.7	33.0	27.3	22.9	19.4	16.7	12.9	10.4	8.6	7.3	6.3	5.5	4.4	3.6
50	50.8	38.6	30.8	26.1	21.6	18.5	16.1	12.5	10.2	8.5	7.2	6.2	5.5	4.4	3.6
60	50.3	39.9	32.2	26.4	22.3	19.1	16.6	13.0	10.5	8.7	7.4	6.4	5.6	4.6	3.8
70	51.0	39.6	32.0	26.8	22.7	19.4	17.0	13.2	10.6	8.8	7.5	6.4	5.6	4.5	3.7
80	48.3	38.3	30.3	25.2	21.4	18.3	15.9	12.3	9.9	8.3	7.0	6.1	5.3	4.2	3.5
90	48.7	37.2	30.5	25.4	21.5	18.5	16.0	12.4	10.1	8.4	7.1	6.2	5.4	4.3	3.6
100	50.6	39.6	31.3	25.2	20.9	18.0	15.4	11.9	9.7	8.1	6.9	6.0	5.2	4.1	3.4
110	50.2	39.3	30.6	24.4	19.7	16.7	14.5	11.3	9.2	7.7	6.5	5.7	5.0	4.0	3.3
120	50.0	38.3	30.5	24.9	20.6	17.7	15.4	11.8	9.6	8.0	6.8	5.9	5.1	4.1	3.3
130	50.9	38.1	30.2	24.7	21.0	17.9	15.5	12.0	9.8	8.3	7.1	6.1	5.4	4.3	3.5
140	53.2	39.9	31.4	25.5	21.0	17.9	15.5	12.0	9.8	8.1	7.0	6.0	5.3	4.2	3.4
150	53.4	41.6	33.9	27.2	22.3	19.1	16.5	12.8	10.3	8.6	7.3	6.2	5.5	4.4	3.6
160	51.9	40.9	32.1	26.3	21.9	18.6	16.0	12.3	9.9	8.2	7.0	6.0	5.3	4.2	3.5
170	53.5	39.0	30.9	25.7	21.8	18.6	16.3	12.8	10.4	8.6	7.3	6.3	5.6	4.4	3.6
180	52.3	39.7	32.8	27.4	23.7	20.3	17.6	13.6	11.0	9.1	7.7	6.6	5.8	4.6	3.8
190	54.7	43.5	34.5	28.0	23.2	19.9	17.2	13.4	10.8	8.9	7.5	6.5	5.7	4.5	3.7
200	56.6	42.6	34.2	28.0	23.4	19.6	16.9	13.0	10.5	8.7	7.4	6.4	5.6	4.4	3.6
210	52.4	41.3	33.0	27.0	22.6	19.3	16.8	13.1	10.6	8.8	7.5	6.5	5.7	4.5	3.7
220	58.1	42.3	33.5	28.1	23.8	20.3	17.5	13.5	10.9	9.0	7.7	6.6	5.8	4.6	3.8
230	57.1	43.4	34.3	28.3	24.0	20.6	17.7	13.7	11.0	9.1	7.7	6.7	5.8	4.6	3.8
240	52.9	39.7	33.7	27.9	23.3	20.2	17.3	13.3	10.8	8.9	7.6	6.5	5.7	4.6	3.7
250	54.4	43.3	35.7	29.3	24.3	20.5	17.7	13.5	10.9	9.0	7.4	6.6	5.6	4.5	3.7
260	56.9	46.5	37.1	30.1	24.8	20.7	17.9	13.8	10.8	9.2	7.8	6.5	5.9	4.6	3.8
270	55.6	43.2	34.4	27.9	23.5	20.0	17.2	13.3	10.5	9.0	7.7	6.4	5.7	4.6	3.8
280	56.1	43.3	33.5	28.2	23.8	20.2	17.3	13.6	11.0	9.1	7.8	6.4	5.7	4.6	3.8
290	59.2	42.8	33.5	28.3	23.9	20.4	17.3	13.6	10.9	9.0	7.7	6.6	5.6	4.6	3.7
300	60.4	43.2	32.3	26.7	22.2	18.8	16.5	12.9	10.4	8.6	7.4	6.4	5.6	4.5	3.7
310	56.0	43.0	34.5	28.7	24.1	20.5	17.7	13.5	10.9	9.0	7.7	6.7	5.8	4.6	3.8
320	50.1	38.2	31.2	25.9	21.9	18.8	16.3	12.8	10.3	8.6	7.4	6.4	5.6	4.5	3.7
330	51.8	39.2	32.5	26.8	22.3	19.1	16.3	12.9	10.3	8.6	7.4	6.4	5.6	4.4	3.6
340	46.3	37.1	29.0	24.1	20.2	17.5	15.2	11.9	9.6	8.1	6.8	5.9	5.2	4.1	3.4
350	54.0	39.4	31.2	26.2	22.0	18.7	16.1	12.5	10.1	8.4	7.1	6.1	5.4	4.3	3.5

Maksimum= 60.37 i afstand 50 m og retning 300 grader i 197608 (yyyymm)

Dato: 2026/03/25 OML-Multi PC-version 20240314/7.10 Side 7
DCE - Nationalt Center for Miljø og Energi, Aarhus Universitet

Lugt Periode: 740101-831231

Middelværdier (µg/m3)

Retning (grader)	Afstand (m)														
	50	75	100	125	150	175	200	250	300	350	400	450	500	600	700
0	0.9	0.6	0.5	0.4	0.3	0.3	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1
10	1.0	0.7	0.5	0.4	0.3	0.3	0.3	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1
20	1.0	0.7	0.6	0.4	0.4	0.3	0.3	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1
30	1.0	0.7	0.6	0.5	0.4	0.3	0.3	0.3	0.2	0.2	0.2	0.1	0.1	0.1	0.1
40	1.0	0.7	0.5	0.4	0.4	0.3	0.3	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1
50	1.0	0.7	0.5	0.4	0.4	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1
60	0.9	0.6	0.5	0.4	0.4	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1
70	0.9	0.6	0.5	0.4	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1
80	0.9	0.6	0.5	0.4	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1
90	0.9	0.6	0.5	0.4	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1
100	0.9	0.6	0.5	0.4	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1
110	0.9	0.6	0.5	0.4	0.3	0.3	0.3	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1
120	0.9	0.6	0.4	0.4	0.3	0.3	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1
130	0.9	0.6	0.4	0.3	0.3	0.3	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1
140	0.9	0.6	0.4	0.4	0.3	0.3	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1

150	0.9	0.6	0.4	0.4	0.3	0.3	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1
160	0.9	0.6	0.5	0.4	0.3	0.3	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1
170	1.0	0.7	0.5	0.4	0.3	0.3	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1
180	1.1	0.7	0.5	0.4	0.4	0.3	0.3	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1
190	1.2	0.8	0.6	0.5	0.4	0.4	0.3	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1
200	1.3	0.8	0.6	0.5	0.4	0.4	0.3	0.3	0.2	0.2	0.2	0.1	0.1	0.1	0.1
210	1.3	0.9	0.7	0.5	0.5	0.4	0.4	0.3	0.2	0.2	0.2	0.2	0.1	0.1	0.1
220	1.3	0.9	0.7	0.6	0.5	0.4	0.4	0.3	0.2	0.2	0.2	0.2	0.1	0.1	0.1
230	1.3	0.9	0.7	0.6	0.5	0.4	0.4	0.3	0.2	0.2	0.2	0.2	0.1	0.1	0.1
240	1.3	0.9	0.7	0.6	0.5	0.4	0.4	0.3	0.2	0.2	0.2	0.2	0.1	0.1	0.1
250	1.3	0.9	0.7	0.5	0.5	0.4	0.4	0.3	0.2	0.2	0.2	0.2	0.1	0.1	0.1
260	1.3	0.9	0.7	0.5	0.5	0.4	0.4	0.3	0.2	0.2	0.2	0.1	0.1	0.1	0.1
270	1.3	0.9	0.7	0.5	0.4	0.4	0.3	0.3	0.2	0.2	0.2	0.1	0.1	0.1	0.1
280	1.2	0.8	0.6	0.5	0.4	0.4	0.3	0.3	0.2	0.2	0.2	0.1	0.1	0.1	0.1
290	1.1	0.8	0.6	0.5	0.4	0.4	0.3	0.3	0.2	0.2	0.2	0.1	0.1	0.1	0.1
300	1.0	0.7	0.5	0.4	0.4	0.3	0.3	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1
310	0.9	0.6	0.5	0.4	0.3	0.3	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1
320	0.8	0.5	0.4	0.3	0.3	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1
330	0.8	0.5	0.4	0.3	0.3	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1
340	0.8	0.5	0.4	0.3	0.3	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1
350	0.8	0.5	0.4	0.3	0.3	0.3	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1

Maksimum= 1.34 i afstand 50 m og retning 230 grader.

Dato: 2026/03/25 OML-Multi PC-version 20240314/7.10 Side 8
DCE - Nationalt Center for Miljø og Energi, Aarhus Universitet

Lugt Periode: 740101-831231

Maksimalle timeværdier (µg/m3)

Retning (grader)	Afstand (m)														
	50	75	100	125	150	175	200	250	300	350	400	450	500	600	700
0	79.6	65.8	53.0	43.5	36.5	31.1	27.0	21.2	17.2	14.5	12.4	10.8	9.5	7.6	6.2
10	99.1	84.7	70.6	58.3	48.3	40.9	35.2	27.2	21.7	17.9	15.3	13.2	11.3	9.0	7.4
20	98.6	78.9	64.8	52.5	44.2	37.5	32.4	24.9	20.1	16.6	14.1	12.2	10.7	8.6	7.0
30	98.4	77.2	60.2	50.5	43.5	37.7	32.8	26.0	21.3	17.9	15.1	13.0	11.4	8.9	7.4
40	84.3	77.5	70.4	63.4	56.0	48.8	43.2	33.9	27.4	22.5	18.9	16.2	13.9	10.7	8.6
50	87.6	75.4	61.3	51.3	42.8	36.9	32.3	25.6	20.7	17.5	14.9	13.0	11.4	8.8	7.2
60	101.1	70.1	53.5	46.1	40.5	35.2	31.0	24.2	19.2	15.5	12.7	10.6	9.2	7.3	6.0
70	124.1	87.8	65.0	52.7	44.2	37.5	32.5	25.3	20.5	17.1	14.5	12.5	10.9	8.6	7.0
80	134.0	96.6	76.1	63.6	53.4	45.6	39.3	30.3	24.2	19.9	16.7	14.3	12.4	9.7	7.8
90	128.4	91.7	68.1	52.5	42.1	35.1	29.7	22.4	18.3	15.2	13.0	11.2	9.7	7.4	5.9
100	108.9	75.7	56.7	44.3	36.3	31.2	27.8	22.4	18.2	15.0	12.6	10.6	9.1	6.9	5.4
110	81.4	55.9	46.4	39.2	33.4	29.2	26.2	21.9	18.6	16.1	14.2	12.6	11.2	9.4	7.9
120	68.8	53.6	44.7	38.9	35.9	33.1	30.6	26.3	22.9	20.1	17.9	16.0	14.4	12.1	10.3
130	66.9	52.5	42.5	39.4	37.5	34.9	32.4	28.2	24.7	21.6	18.9	17.1	15.7	13.3	11.4
140	68.6	50.2	42.0	39.3	36.4	33.7	31.2	26.9	22.3	20.6	17.3	16.3	14.7	12.3	10.6
150	70.7	57.5	48.4	41.5	36.0	31.4	27.6	22.8	19.5	17.0	14.9	12.0	11.9	9.9	8.4
160	76.7	61.0	52.4	45.9	40.6	36.1	32.2	25.9	21.1	17.4	14.6	12.3	10.5	8.0	6.4
170	98.3	73.5	59.8	48.9	40.7	34.3	29.4	22.5	18.0	14.8	12.5	10.8	9.4	7.4	6.1
180	129.7	101.4	79.5	63.1	52.1	44.0	37.6	28.7	22.8	18.8	15.8	13.5	11.8	9.2	7.5
190	137.0	109.8	86.8	69.4	56.5	47.5	40.4	30.8	24.4	19.9	16.7	14.3	12.1	9.6	7.8
200	115.7	85.8	65.8	52.4	43.1	36.6	31.8	24.4	19.7	16.3	13.8	11.9	10.4	8.3	6.8
210	78.3	55.5	43.7	37.8	33.2	29.4	26.3	21.3	17.4	14.4	12.1	10.2	8.7	6.6	5.1
220	83.5	61.1	48.2	40.5	34.2	29.1	25.0	18.8	14.8	12.6	10.9	9.5	8.5	6.9	5.5
230	105.4	90.9	75.8	62.7	52.6	44.0	37.7	28.8	22.9	18.0	15.7	13.4	12.0	9.6	7.8
240	96.6	78.4	62.8	51.3	42.8	36.1	31.0	24.0	19.5	16.2	13.6	11.2	10.6	8.5	7.0
250	100.3	84.5	71.5	59.7	48.9	41.2	35.3	26.7	21.6	17.6	14.1	13.1	10.6	9.1	7.4
260	101.2	83.4	67.5	57.1	49.0	41.9	36.6	28.2	21.6	18.9	15.9	11.3	11.4	9.2	7.4
270	97.7	75.6	65.5	55.8	47.8	41.1	35.8	28.5	21.9	20.4	17.3	11.3	12.3	10.7	8.9
280	121.6	99.7	76.3	63.6	58.2	50.4	44.7	39.2	33.2	27.8	24.0	16.1	16.2	13.8	11.3
290	105.7	88.2	68.6	58.6	54.0	48.8	41.7	35.3	28.8	24.5	21.4	17.8	14.7	12.5	10.1
300	95.1	74.8	52.3	46.9	38.9	33.1	29.3	23.5	18.7	15.2	12.6	11.0	9.5	8.0	6.9
310	78.2	65.6	57.0	48.7	41.9	36.1	31.7	24.4	19.7	16.4	14.0	12.3	10.7	8.5	6.9
320	72.5	61.5	52.2	43.6	38.0	32.8	30.1	25.5	21.7	18.8	16.5	14.6	13.1	10.8	9.1
330	76.6	61.2	51.9	44.9	40.1	38.2	36.0	31.9	27.9	24.5	21.5	19.1	17.0	13.7	11.3
340	75.2	61.6	52.0	45.1	40.0	38.0	35.9	31.7	27.7	24.2	21.4	18.9	16.9	13.7	11.3
350	87.6	76.8	63.6	53.8	45.9	39.2	33.5	25.8	21.3	18.4	16.2	14.3	12.8	10.5	8.9

Maksimum= 136.99 i afstand 50 m og retning 190 grader.

Dato: 2026/03/25 OML-Multi PC-version 20240314/7.10 Side 9
DCE - Nationalt Center for Miljø og Energi, Aarhus Universitet

Benyttede filer.

Følgende inputfiler er benyttet i beregningerne:

Punktkilder Z:\Tasks\126\126-22081\Data\OML filer\zoomed grid\sweeps\sweep\run_007\ARC_GRID_ZOOM_run_007.kld
Meteorologi..... C:\OML_Data\Aal7483LST.met
Receptorer..... Z:\Tasks\126\126-22081\Data\OML filer\zoomed grid\sweeps\sweep\run_007\ARC_GRID_ZOOM_run_007.rct
Beregningsopsætning..... Z:\Tasks\126\126-22081\Data\OML filer\zoomed grid\ARC_GRID_ZOOM.opt

Følgende outputfil er benyttet:

Resultater Z:\Tasks\126\126-22081\Data\OML filer\zoomed grid\sweeps\sweep\run_007\ARC_GRID_ZOOM_run_007.log

Receptorhøjde: 80 meter

Dato: 2026/03/25 OML-Multi PC-version 20240314/7.10 Side 1
DCE - Nationalt Center for Miljø og Energi, Aarhus Universitet

Meteorologiske spredningsberegninger er udført for følgende periode (lokal standard tid):

Start af beregningen = 740101 kl. 1
Slut på beregningen (incl.) = 831231 kl. 24

Meteorologiske data er fra: AALBORG

Koordinatsystem.

Der er anvendt et x,y-koordinatsystem med x-akse mod øst (90 grader) og y-akse mod nord (0 grader).
Enheden er meter. Systemet er fælles for receptorer og kilder. Origo kan fastlægges frit, fx. i
skorstensfoden for den mest dominerende kilde eller som i UTM-systemet.

Receptordata.

Ruhedslængde, z0 = 0.300 m

Største terrænhældning = 12 grader

Receptorerne er beliggende med 10 graders interval i 15 koncentriske cirkler
med centrum x,y: 727753., 6176879.
og radierne (m): 50. 75. 100. 150. 200.
300. 400. 500. 600. 700.
800. 1000. 1500. 2000. 2500.

Terrænhøjder er ikke alle ens.

Alle receptorhøjder = 80.0 m.

Alle overflader er typenr. = 2 (Har kun betydning ved VVM-deposition)

Dato: 2026/03/25 OML-Multi PC-version 20240314/7.10 Side 2
DCE - Nationalt Center for Miljø og Energi, Aarhus Universitet

Terrænhøjder [m]

Retning (grader)	Afstand (m)															
	50	75	100	150	200	300	400	500	600	700	800	1000	1500	2000	2500	
0	2.6	2.2	2.6	2.6	2.8	2.3	2.0	0.0	0.0	2.0	0.3	2.4	2.6	0.0	0.0	
10	2.7	2.3	2.3	3.0	2.7	2.7	1.9	1.9	0.0	0.0	2.7	2.7	0.8	0.0	0.0	
20	2.8	2.5	2.2	2.4	2.5	2.7	2.7	0.0	1.9	0.0	0.0	0.1	0.1	0.0	0.0	
30	2.9	2.4	2.3	2.4	2.5	2.1	2.6	2.6	0.0	0.0	0.0	0.0	0.1	0.0	0.0	
40	2.9	2.3	2.4	2.3	2.4	2.5	2.7	2.8	2.9	2.7	2.6	0.0	0.0	0.0	0.0	
50	3.0	2.3	2.1	2.3	2.3	2.4	2.3	2.8	2.8	3.0	2.9	0.0	0.0	0.0	0.0	
60	3.0	2.2	2.6	2.2	2.5	2.5	1.8	0.6	2.8	2.7	2.7	0.0	0.0	0.0	0.0	
70	2.9	2.3	2.2	2.3	2.6	2.4	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
80	3.1	2.2	2.3	2.4	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
90	3.1	2.5	2.2	2.4	2.3	0.0	0.0	0.0	0.0	2.1	2.2	0.0	0.0	0.0	0.0	
100	3.1	2.7	2.4	0.0	0.0	0.0	0.0	1.2	2.3	2.5	2.2	0.0	0.0	0.0	0.0	
110	3.2	2.8	2.3	0.0	0.0	0.0	0.0	2.3	2.5	2.5	2.3	2.3	0.0	0.0	0.0	
120	3.2	3.0	2.6	0.0	0.0	0.0	2.4	2.2	2.3	2.5	3.0	0.0	4.9	0.0	0.0	
130	2.3	2.7	2.8	0.0	0.0	0.0	3.5	2.3	2.7	2.5	2.3	0.0	2.4	0.0	0.0	
140	2.2	2.7	2.5	3.6	4.7	0.0	2.9	5.5	2.1	2.6	4.5	2.4	2.5	0.0	0.0	
150	2.1	2.4	2.2	0.0	0.0	0.0	2.9	2.7	4.4	2.1	2.7	2.4	2.6	1.4	0.0	
160	2.2	2.5	2.4	0.0	0.0	0.0	1.2	3.2	3.0	3.0	2.1	0.0	0.0	0.8	0.0	
170	2.1	2.4	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.2	1.3	1.9	
180	2.1	2.5	2.0	2.3	0.0	0.0	0.0	0.0	0.0	2.8	8.1	3.4	1.9	3.1	2.1	
190	2.1	2.2	2.2	2.5	2.4	0.0	0.0	2.7	3.5	2.1	2.9	1.6	0.9	1.8	2.1	
200	2.0	2.1	2.2	2.3	2.5	0.1	0.0	0.0	2.5	2.4	2.0	2.1	1.1	1.9	2.7	
210	2.0	2.2	2.1	2.3	2.5	2.3	2.8	2.5	4.8	7.3	4.2	5.0	1.1	2.6	2.0	
220	2.0	2.1	2.2	2.5	2.8	2.5	2.6	2.9	2.3	4.0	4.5	0.6	0.6	1.3	2.0	

230	2.1	2.1	2.2	2.4	3.0	3.0	3.1	3.3	3.2	0.8	0.6	2.8	0.0	1.8	5.7
240	2.1	2.1	2.2	2.4	3.0	3.4	3.8	2.7	2.1	1.1	0.0	0.3	2.2	1.4	1.8
250	2.0	2.2	2.2	3.0	2.9	3.3	8.3	3.3	2.2	0.0	1.7	0.0	1.8	0.0	2.0
260	2.1	2.2	2.1	2.3	2.6	2.6	2.6	3.6	0.0	0.0	1.0	1.7	3.1	2.2	4.6
270	2.1	2.1	2.2	2.6	2.8	2.8	1.9	6.3	2.3	0.2	1.9	2.5	0.0	3.0	4.3
280	2.1	2.1	3.5	2.8	4.0	2.4	2.0	6.0	2.6	0.0	0.0	2.6	0.0	2.8	6.1
290	2.2	2.3	4.0	1.6	6.3	3.2	2.6	5.7	3.1	2.9	0.0	0.9	0.0	9.6	3.0
300	2.2	2.2	2.7	3.0	2.7	3.1	3.5	3.9	3.0	0.0	2.7	0.0	0.0	0.4	5.8
310	2.1	2.2	7.7	3.0	3.1	3.1	3.2	3.0	0.0	0.0	2.4	2.6	0.0	0.0	2.4
320	2.1	2.2	2.7	2.9	3.0	3.5	2.6	0.0	0.0	2.6	1.9	2.3	0.0	0.0	0.0
330	2.2	2.9	2.8	3.0	2.7	2.9	0.0	0.0	0.0	2.1	2.1	5.6	0.0	0.0	0.0
340	2.1	2.7	2.9	3.1	3.0	2.6	0.0	0.0	0.0	2.5	2.7	1.9	2.7	0.0	0.0
350	2.3	2.2	3.3	3.0	2.6	2.5	3.9	5.6	0.0	6.6	2.3	4.7	2.5	0.0	0.0

Dato: 2026/03/25 OML-Multi PC-version 20240314/7.10 Side 3
DCE - Nationalt Center for Miljø og Energi, Aarhus Universitet

Forkortelser benyttet for kildeparametrene:

Nr.....: Internt kilde nummer
ID.....: Tekst til identificering af kilde
X.....: X-koordinat for kilde [m]
Y.....: Y-koordinat for kilde [m]
Z.....: Terrænkote for skorstensfod [m]
HS.....: Skorstenshøjde over terræn [m]
T.....: Temperatur af røggas [Kelvin]/[Celsius]
VOL.....: Volumenmængde af røggas [normal m3/sek]
DSO.....: Ydre diameter af skorstenstop [m]
DSI.....: Indre diameter af skorstenstop [m]
HB.....: Generel beregningsmæssig bygningshøjde [m]
QI.....: Emission af stof nr. 'i' [gram/sek], [MLE/sek] eller [MOU/sek]

Punktkilder.

Kildedata:

Nr ID	X	Y	Z	HS	T(C)	VOL	DSI	DSO	HB	Q1	Q2	Q3
1 1	727753.	6176879.	2.1	35.0	18.	26.00	1.60	2.00	15.0	0.1180	0.0000	0.0000

Tidsvariationer i emissionen fra punktkilder.

Emissionerne fra de enkelte punktkilder er konstant.

Afledte kildeparametre:

Kilde nr.	Vertikal røggashastighed m/s	Buoyancy flux (termisk løft) (omtrentlig) m4/s3
1	13.8	2.4

Der er ingen retningsafhængige bygningsdata.

Dato: 2026/03/25 OML-Multi PC-version 20240314/7.10 Side 4
DCE - Nationalt Center for Miljø og Energi, Aarhus Universitet

Side til advarsler.

Dato: 2026/03/25 OML-Multi PC-version 20240314/7.10 Side 5
DCE - Nationalt Center for Miljø og Energi, Aarhus Universitet

Lugt Periode: 740101-831231

De 4. største månedlige 99%-fraktiler (µg/m3)

Retning (grader)	Afstand (m)															
	50	75	100	150	200	300	400	500	600	700	800	1000	1500	2000	2500	
0	47.6	36.1	28.3	19.1	14.9	9.5	6.7	5.1	4.0	3.3	2.8	2.1	1.3	0.9	0.7	
10	48.3	36.4	31.2	20.3	15.4	9.8	6.9	5.2	4.2	3.4	2.9	2.2	1.3	0.9	0.7	
20	47.4	36.1	29.2	20.3	14.9	9.4	6.6	5.1	4.1	3.4	2.8	2.2	1.3	0.9	0.7	

30	47.9	36.0	30.4	21.7	15.8	10.0	7.1	5.4	4.2	3.5	2.9	2.2	1.3	0.9	0.7
40	48.6	37.5	30.1	20.9	15.6	9.8	6.9	5.2	4.2	3.4	2.9	2.2	1.3	0.9	0.7
50	45.5	35.6	28.7	20.4	15.5	9.8	7.0	5.3	4.2	3.4	2.9	2.2	1.3	0.9	0.7
60	46.4	35.0	28.0	19.6	14.7	9.5	6.8	5.2	4.2	3.4	2.9	2.2	1.3	0.9	0.7
70	45.8	35.0	29.0	19.8	15.0	9.5	6.7	5.1	4.1	3.4	2.9	2.2	1.3	0.9	0.7
80	45.0	33.6	27.7	18.8	14.5	9.4	6.7	5.1	4.1	3.4	2.8	2.1	1.3	0.9	0.7
90	42.1	31.4	25.7	18.0	13.5	8.6	6.1	4.7	3.8	3.1	2.6	2.0	1.2	0.9	0.6
100	42.3	33.5	27.5	18.1	13.6	8.7	6.2	4.8	3.8	3.1	2.7	2.0	1.2	0.8	0.6
110	44.4	32.8	27.1	18.5	13.6	8.7	6.4	4.9	3.9	3.2	2.7	2.1	1.2	0.9	0.6
120	42.9	32.1	26.7	19.2	14.3	9.0	6.4	4.8	3.8	3.2	2.7	2.1	1.2	0.9	0.7
130	44.8	33.9	26.9	18.5	14.3	9.1	6.3	4.9	3.9	3.2	2.7	2.1	1.2	0.9	0.6
140	46.4	34.9	27.6	19.4	14.3	9.3	6.5	5.0	4.0	3.3	2.8	2.1	1.3	0.9	0.7
150	48.9	36.8	30.8	21.1	15.1	9.5	6.7	5.1	4.0	3.4	2.8	2.1	1.3	0.9	0.7
160	48.1	35.0	28.9	20.3	15.1	9.5	6.8	5.1	4.0	3.3	2.9	2.1	1.3	0.9	0.7
170	49.4	35.9	30.0	21.0	15.4	9.8	7.0	5.3	4.2	3.4	2.9	2.2	1.3	0.9	0.7
180	49.6	37.4	30.3	21.3	16.1	10.1	7.2	5.4	4.3	3.6	3.0	2.3	1.3	0.9	0.7
190	50.4	38.8	31.4	22.2	16.4	10.2	7.2	5.5	4.4	3.6	3.0	2.3	1.4	0.9	0.7
200	49.3	37.1	30.8	21.6	16.3	10.1	7.1	5.4	4.3	3.5	3.0	2.2	1.3	0.9	0.7
210	49.5	37.7	31.2	21.9	16.3	10.0	7.1	5.4	4.2	3.5	2.9	2.2	1.3	0.9	0.7
220	50.8	38.6	32.0	22.6	16.6	10.4	7.3	5.6	4.4	3.6	3.0	2.3	1.4	0.9	0.7
230	51.7	39.3	32.2	22.6	16.5	10.3	7.3	5.5	4.4	3.6	3.1	2.3	1.3	0.9	0.7
240	49.8	38.0	31.1	21.8	16.0	9.9	6.9	5.3	4.3	3.5	2.9	2.2	1.3	0.9	0.7
250	50.6	39.1	31.8	21.7	16.3	10.0	7.0	5.4	4.3	3.5	3.0	2.2	1.3	0.9	0.7
260	50.0	37.2	31.0	22.8	16.8	10.5	7.3	5.5	4.4	3.6	3.0	2.3	1.3	0.9	0.7
270	50.5	39.7	31.6	22.1	16.4	10.3	7.3	5.4	4.4	3.6	3.0	2.3	1.3	0.9	0.7
280	50.9	39.8	32.5	22.5	16.6	10.4	7.4	5.4	4.4	3.6	3.0	2.3	1.3	0.9	0.7
290	50.8	39.1	31.2	22.1	15.8	10.3	7.3	5.5	4.4	3.6	3.0	2.3	1.4	0.9	0.7
300	50.2	38.4	30.0	20.7	15.6	9.8	7.0	5.4	4.3	3.5	3.0	2.2	1.3	0.9	0.7
310	46.5	35.0	26.6	19.4	14.5	9.0	6.5	4.9	4.0	3.3	2.8	2.1	1.3	0.9	0.7
320	46.3	36.6	27.7	18.7	14.5	9.5	6.7	5.1	4.1	3.4	2.9	2.2	1.3	0.9	0.7
330	45.6	34.7	27.9	19.3	14.8	9.0	6.4	4.9	3.9	3.3	2.8	2.1	1.3	0.9	0.7
340	45.0	33.6	26.5	18.9	13.9	8.9	6.4	4.9	3.9	3.2	2.7	2.1	1.3	0.9	0.7
350	45.2	33.4	25.9	18.0	13.3	8.6	6.1	4.8	3.8	3.1	2.7	2.0	1.2	0.9	0.6

Maksimum= 51.73 i afstand 50 m og retning 230 grader i 198102 (yyyymm)

Dato: 2026/03/25 OML-Multi PC-version 20240314/7.10 Side 6
DCE - Nationalt Center for Miljø og Energi, Aarhus Universitet

Lugt Periode: 740101-831231

De største månedlige 99%-fraktiler (µg/m3)

Retning (grader)	Afstand (m)														
	50	75	100	150	200	300	400	500	600	700	800	1000	1500	2000	2500
0	51.4	39.5	32.0	21.8	15.6	9.8	6.9	5.3	4.2	3.4	2.9	2.2	1.3	0.9	0.7
10	53.7	41.6	33.6	23.1	17.0	10.6	7.5	5.6	4.5	3.7	3.0	2.3	1.4	0.9	0.7
20	49.0	37.1	30.1	20.8	15.5	9.8	6.9	5.3	4.2	3.5	3.0	2.2	1.3	0.9	0.7
30	52.6	42.0	32.8	23.0	17.1	10.8	7.6	5.7	4.5	3.7	3.1	2.3	1.4	0.9	0.7
40	49.7	39.5	32.0	22.1	16.2	10.1	7.1	5.4	4.3	3.5	3.0	2.2	1.3	0.9	0.7
50	49.5	37.2	30.4	21.6	16.2	10.3	7.2	5.5	4.4	3.6	3.1	2.3	1.4	0.9	0.7
60	48.8	37.5	31.1	22.0	16.1	10.1	7.3	5.6	4.5	3.7	3.1	2.4	1.4	1.0	0.7
70	49.4	37.7	31.3	21.6	16.7	10.3	7.3	5.6	4.4	3.6	3.0	2.3	1.4	0.9	0.7
80	46.9	35.9	29.3	20.6	15.2	9.6	6.9	5.2	4.2	3.4	2.9	2.2	1.3	0.9	0.7
90	46.8	35.2	29.5	21.2	15.7	9.9	7.1	5.4	4.3	3.5	3.0	2.3	1.3	0.9	0.7
100	50.6	39.6	29.2	20.1	15.2	9.4	6.6	5.1	4.1	3.4	2.9	2.2	1.3	0.9	0.7
110	48.5	36.6	29.2	19.0	14.0	9.2	6.6	5.1	4.1	3.3	2.8	2.2	1.3	0.9	0.7
120	46.0	35.8	28.4	19.7	14.7	9.6	6.8	5.2	4.1	3.4	2.9	2.2	1.3	0.9	0.7
130	47.9	35.2	28.5	20.0	14.8	9.8	7.0	5.4	4.3	3.5	3.0	2.2	1.3	0.9	0.7
140	50.1	37.5	30.2	20.5	15.6	9.8	7.0	5.4	4.2	3.5	3.0	2.2	1.3	0.9	0.7
150	52.2	41.8	33.4	21.9	16.2	10.2	7.2	5.4	4.3	3.6	3.0	2.3	1.3	0.9	0.7
160	52.1	40.6	32.8	22.0	15.8	9.7	6.9	5.2	4.2	3.5	3.0	2.2	1.3	0.9	0.7
170	50.4	37.1	30.5	21.5	16.4	10.4	7.4	5.6	4.4	3.7	3.1	2.3	1.4	0.9	0.7
180	50.8	38.4	32.1	23.3	17.3	10.8	7.6	5.7	4.5	3.7	3.1	2.3	1.4	0.9	0.7
190	53.2	40.9	33.1	22.8	16.9	10.6	7.5	5.7	4.5	3.7	3.1	2.3	1.4	0.9	0.7
200	54.3	42.7	34.3	22.6	16.5	10.4	7.3	5.5	4.4	3.6	3.1	2.3	1.4	0.9	0.7
210	50.5	39.7	32.8	22.8	16.6	10.5	7.4	5.6	4.4	3.5	3.1	2.3	1.4	0.9	0.7
220	54.7	40.8	32.9	23.3	17.3	10.8	7.6	5.8	4.6	3.7	3.1	2.4	1.4	1.0	0.7
230	52.8	42.4	33.3	23.7	17.5	10.9	7.7	5.8	4.6	3.8	3.2	2.4	1.4	1.0	0.7
240	51.0	39.6	32.9	23.0	17.0	10.7	7.5	5.7	4.6	3.7	3.1	2.4	1.4	0.9	0.7
250	53.4	42.6	35.0	23.7	17.3	10.7	7.3	5.6	4.5	3.7	3.1	2.4	1.4	1.0	0.7
260	55.5	45.3	36.4	24.1	17.7	11.1	7.8	5.9	4.6	3.8	3.2	2.4	1.4	1.0	0.7
270	53.7	42.6	33.8	23.0	16.9	10.7	7.6	5.6	4.6	3.8	3.2	2.4	1.4	1.0	0.7
280	54.2	40.8	33.0	23.5	17.2	10.9	7.7	5.7	4.6	3.8	3.2	2.4	1.4	1.0	0.7
290	55.5	41.9	32.5	23.3	16.5	10.6	7.5	5.5	4.5	3.7	3.1	2.4	1.4	0.9	0.7
300	60.8	42.8	32.4	21.6	16.3	10.4	7.3	5.5	4.4	3.6	3.1	2.3	1.4	1.0	0.7
310	56.9	42.4	31.5	23.4	17.2	10.7	7.6	5.7	4.5	3.7	3.1	2.3	1.4	0.9	0.7
320	49.9	38.1	30.9	21.6	16.0	10.1	7.2	5.5	4.4	3.6	3.1	2.3	1.4	0.9	0.7
330	49.7	37.2	31.3	21.7	16.1	10.1	7.2	5.5	4.4	3.6	3.0	2.3	1.4	0.9	0.7
340	45.5	34.7	29.0	20.4	15.3	9.6	6.9	5.2	4.2	3.4	2.9	2.2	1.3	0.9	0.7
350	52.4	37.6	31.6	21.9	16.1	10.1	7.1	5.4	4.3	3.5	3.0	2.2	1.3	0.9	0.7

Maksimum= 60.82 i afstand 50 m og retning 300 grader i 197608 (yyyymm)

Lugt Periode: 740101-831231

Middelværdier ($\mu\text{g}/\text{m}^3$)

Retning (grader)	Afstand (m)															
	50	75	100	150	200	300	400	500	600	700	800	1000	1500	2000	2500	
0	0.9	0.6	0.4	0.3	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	
10	0.9	0.6	0.5	0.3	0.3	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	
20	1.0	0.7	0.5	0.4	0.3	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	
30	1.0	0.7	0.5	0.4	0.3	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	
40	1.0	0.7	0.5	0.4	0.3	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	
50	0.9	0.6	0.5	0.3	0.3	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	
60	0.9	0.6	0.5	0.3	0.3	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	
70	0.8	0.6	0.4	0.3	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	
80	0.8	0.6	0.4	0.3	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	
90	0.8	0.6	0.4	0.3	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	
100	0.8	0.6	0.4	0.3	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	
110	0.8	0.5	0.4	0.3	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	
120	0.8	0.5	0.4	0.3	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	
130	0.8	0.5	0.4	0.3	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	
140	0.8	0.5	0.4	0.3	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	
150	0.9	0.5	0.4	0.3	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	
160	0.9	0.6	0.4	0.3	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	
170	1.0	0.6	0.5	0.3	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	
180	1.0	0.7	0.5	0.4	0.3	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	
190	1.1	0.7	0.6	0.4	0.3	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	
200	1.2	0.8	0.6	0.4	0.3	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	
210	1.2	0.8	0.6	0.4	0.3	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	
220	1.3	0.8	0.7	0.5	0.3	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	
230	1.3	0.8	0.6	0.5	0.3	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	
240	1.3	0.8	0.6	0.4	0.3	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	
250	1.2	0.8	0.6	0.4	0.3	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	
260	1.2	0.8	0.6	0.4	0.3	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	
270	1.2	0.8	0.6	0.4	0.3	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	
280	1.2	0.8	0.6	0.4	0.3	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	
290	1.1	0.7	0.5	0.4	0.3	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	
300	1.0	0.6	0.5	0.3	0.3	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	
310	0.9	0.6	0.4	0.3	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	
320	0.8	0.5	0.4	0.3	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	
330	0.8	0.5	0.4	0.3	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	
340	0.8	0.5	0.4	0.3	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	
350	0.8	0.5	0.4	0.3	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	

Maksimum= 1.27 i afstand 50 m og retning 230 grader.

Lugt Periode: 740101-831231

Maksimale timeværdier ($\mu\text{g}/\text{m}^3$)

Retning (grader)	Afstand (m)															
	50	75	100	150	200	300	400	500	600	700	800	1000	1500	2000	2500	
0	81.4	67.3	54.1	37.3	27.5	17.7	12.7	9.7	7.7	6.4	5.4	4.3	2.8	2.0	1.6	
10	100.8	86.7	71.8	48.8	35.8	22.1	15.6	11.7	9.2	7.5	6.2	4.6	2.7	1.8	1.3	
20	96.3	80.3	66.0	45.0	32.9	20.4	14.3	11.0	8.7	7.1	6.0	4.5	2.6	1.8	1.4	
30	97.7	77.2	59.8	43.8	33.1	21.6	15.2	11.5	9.0	7.4	6.2	4.5	2.5	1.6	1.3	
40	84.8	78.2	71.1	56.2	43.5	27.6	19.0	14.0	10.8	8.7	7.1	5.2	2.8	2.1	1.7	
50	87.9	75.8	62.6	43.1	32.7	21.1	15.0	11.2	8.9	7.2	6.0	4.4	2.5	1.7	1.5	
60	102.4	71.3	52.5	38.6	29.7	18.7	13.0	9.8	7.7	6.3	5.3	3.9	2.4	1.8	1.5	
70	126.0	89.5	66.3	41.3	31.1	19.7	13.8	10.4	8.2	6.7	5.6	4.1	2.4	1.7	1.4	
80	136.1	98.5	72.2	44.5	31.0	18.5	12.6	9.4	7.3	5.9	4.9	3.6	2.1	1.4	1.2	
90	130.5	93.2	69.2	42.8	30.0	18.3	13.1	9.7	7.5	5.9	4.8	3.5	2.2	1.7	1.4	
100	110.6	77.0	57.5	36.9	27.7	18.2	12.5	9.1	6.9	5.5	4.8	3.7	2.2	1.6	1.4	
110	82.6	55.3	45.8	34.4	28.2	20.0	15.2	12.1	10.0	8.4	7.3	5.7	3.5	2.3	1.7	
120	66.8	52.7	44.5	38.6	32.9	24.6	19.1	15.5	12.9	10.9	9.4	7.4	4.3	3.0	2.1	
130	66.2	52.2	45.4	40.3	34.9	26.5	20.2	17.0	14.0	12.0	10.5	8.2	5.0	3.2	2.2	
140	66.6	49.9	45.0	37.6	31.2	25.2	19.3	14.6	13.3	11.2	9.3	7.6	4.6	3.0	2.1	
150	70.9	57.0	48.1	35.9	29.2	21.0	15.8	12.7	10.1	9.0	7.7	6.0	3.6	2.5	1.8	

160	79.6	60.6	52.1	40.4	32.2	21.1	14.5	10.5	8.0	6.4	5.3	4.1	2.8	2.2	1.9
170	99.2	76.2	62.0	42.2	30.5	18.7	13.0	9.8	7.7	6.3	5.3	3.9	2.3	1.6	1.2
180	130.9	101.4	80.4	52.5	37.9	23.0	15.9	11.9	9.3	7.4	5.6	4.5	2.7	2.2	1.9
190	138.1	110.8	87.6	57.0	40.6	24.6	16.8	12.3	9.4	7.9	6.4	4.8	2.7	1.9	1.6
200	116.7	86.6	66.4	43.7	31.7	20.0	14.1	10.7	8.4	6.9	5.8	4.3	2.5	1.9	1.6
210	78.9	54.5	43.9	33.4	26.5	17.5	12.2	8.8	6.6	5.1	4.4	3.3	2.1	1.5	1.2
220	84.0	61.5	46.5	32.1	23.8	15.0	11.0	8.5	7.0	5.6	4.7	3.8	2.3	1.6	1.2
230	106.2	91.6	76.3	52.9	38.0	23.3	16.1	12.0	9.4	7.9	6.6	4.8	2.8	1.9	1.3
240	97.3	78.9	63.4	43.1	31.2	19.5	13.7	10.7	8.6	7.0	5.9	4.4	2.6	1.7	1.4
250	101.3	85.4	72.2	49.1	35.6	21.5	13.5	11.3	9.2	7.5	6.3	4.7	2.8	1.9	1.4
260	101.9	83.9	68.2	50.2	37.4	23.4	16.2	11.7	9.4	7.5	6.2	4.5	2.5	1.8	1.4
270	98.4	77.5	67.3	49.1	36.7	24.2	18.0	12.8	11.4	9.5	8.0	5.9	3.3	2.1	1.4
280	122.4	100.4	77.1	59.2	47.4	34.0	24.5	16.6	14.2	11.5	9.5	6.8	3.6	2.3	1.6
290	106.8	89.2	69.2	55.3	39.6	29.5	21.6	15.1	12.7	10.4	8.8	6.3	3.4	2.0	1.7
300	96.1	75.6	58.8	39.2	31.1	20.0	13.8	10.1	8.2	7.0	5.9	4.5	2.6	2.0	1.7
310	76.0	67.6	53.3	43.1	32.5	20.5	14.4	10.9	8.7	7.1	5.9	4.4	2.9	2.1	1.6
320	72.9	63.9	54.1	39.1	32.8	23.6	18.0	14.3	11.7	9.8	8.5	6.5	3.9	2.7	2.0
330	74.9	59.5	50.7	43.9	39.5	30.4	23.6	18.5	15.0	12.4	10.5	7.6	4.6	3.1	2.2
340	76.3	59.0	49.8	43.7	39.2	30.3	23.4	18.4	14.9	12.3	10.4	7.8	4.5	3.0	2.2
350	89.6	78.6	64.9	46.3	34.3	23.3	17.4	13.6	11.5	9.3	8.3	6.3	3.9	2.7	2.0

Maksimum= 138.14 i afstand 50 m og retning 190 grader.

Dato: 2026/03/25 OML-Multi PC-version 20240314/7.10 Side 9
DCE - Nationalt Center for Miljø og Energi, Aarhus Universitet

Benyttede filer.

Følgende inputfiler er benyttet i beregningerne:

Punktkilder: Z:\Tasks\126\126-22081\Data\OML filer\sweeps\sweep_003\run_008\ARC_sorteringsanlæg_run_008.kld
Meteorologi.....: C:\OML_Data\Aal7483LST.met
Receptorer.....: Z:\Tasks\126\126-22081\Data\OML filer\sweeps\sweep_003\run_008\ARC_sorteringsanlæg_run_008.rct
Beregningsopsætning.....: Z:\Tasks\126\126-22081\Data\OML filer\ARC_sorteringsanlæg.opt

Følgende outputfil er benyttet:

Resultater: Z:\Tasks\126\126-22081\Data\OML filer\sweeps\sweep_003\run_008\ARC_sorteringsanlæg_run_008.log

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DCE - Nationalt Center for Miljø og Energi, Aarhus Universitet

Meteorologiske spredningsberegninger er udført for følgende periode (lokal standard tid):

Start af beregningen = 740101 kl. 1
Slut på beregningen (incl.) = 831231 kl. 24

Meteorologiske data er fra: AALBORG

Koordinatsystem.

Der er anvendt et x,y-koordinatsystem med x-akse mod øst (90 grader) og y-akse mod nord (0 grader).
Enheden er meter. Systemet er fælles for receptorer og kilder. Origo kan fastlægges frit, fx. i skorstensfoden for den mest dominerende kilde eller som i UTM-systemet.

Receptordata.

Ruhedslængde, z0 = 0.300 m

Største terrænhældning = 13 grader

Receptorerne er beliggende med 10 graders interval i 15 koncentriske cirkler med centrum x,y: 727753., 6176879.
og radierne (m): 50. 75. 100. 125. 150.
175. 200. 250. 300. 350.
400. 450. 500. 600. 700.

Terrænhøjder er ikke alle ens.

Alle receptorhøjder = 80.0 m.

Alle overflader er typenr. = 2 (Har kun betydning ved VVM-deposition)

Dato: 2026/03/25 OML-Multi PC-version 20240314/7.10 Side 2
DCE - Nationalt Center for Miljø og Energi, Aarhus Universitet

Terrænhøjder [m]

Retning (grader)	Afstand (m)														
	50	75	100	125	150	175	200	250	300	350	400	450	500	600	700
0	2.6	2.2	2.6	2.7	2.6	2.8	2.8	2.6	2.5	2.2	1.9	1.7	0.0	0.0	2.7
10	2.7	2.5	2.3	2.3	2.7	2.8	2.7	2.6	2.7	2.6	2.1	2.0	2.9	0.0	0.0
20	2.8	2.5	2.2	2.7	2.4	2.5	2.4	2.7	2.6	2.7	2.6	2.6	2.5	1.8	0.0
30	2.9	2.5	2.3	2.4	2.3	2.3	2.5	2.5	2.3	2.0	2.5	2.6	2.5	2.8	0.0
40	2.4	2.3	2.4	2.1	2.1	2.4	2.3	2.5	2.4	2.6	2.6	2.5	2.7	3.0	3.0
50	3.0	2.3	2.5	1.5	2.2	2.4	2.4	2.4	2.7	2.4	2.3	1.7	2.0	2.8	2.7
60	2.9	2.2	2.6	2.6	2.2	2.5	2.4	2.4	2.4	2.3	1.9	0.9	2.9	2.8	2.8
70	2.9	2.4	2.3	2.3	2.3	2.4	2.4	2.3	2.3	0.0	0.0	0.0	0.0	0.0	0.0
80	3.1	2.3	2.3	2.3	2.4	2.3	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90	3.1	2.5	2.2	2.3	2.4	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	1.9
100	3.1	2.7	2.3	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.4	2.7
110	3.2	3.0	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	2.6	1.9	2.8
120	3.0	3.1	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	2.1	2.3	2.1	2.4
130	2.3	2.7	2.7	3.1	1.1	0.0	0.0	0.0	0.0	0.0	2.6	3.5	3.3	2.6	2.1
140	2.2	2.7	2.4	0.0	0.0	0.0	1.3	0.0	4.3	0.4	4.7	2.6	2.7	2.7	2.4
150	2.1	2.6	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.3	6.8	2.4	2.4	2.7
160	2.2	2.5	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.5	2.3	1.2	0.0	0.0
170	2.1	2.4	2.4	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180	2.1	2.2	2.2	2.5	2.3	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	2.3
190	2.0	2.2	2.2	2.3	2.5	2.3	2.3	0.0	1.6	0.0	0.0	0.0	2.9	2.3	2.0
200	2.0	2.1	2.2	2.3	2.5	2.4	1.9	2.5	2.5	2.5	3.0	2.7	2.8	2.5	2.6
210	2.0	2.2	2.2	2.3	2.3	2.4	2.3	2.4	2.3	2.3	2.5	2.8	2.7	2.9	2.1
220	2.0	2.1	2.2	2.3	2.5	2.7	2.8	2.6	2.7	2.6	2.7	2.9	2.7	2.6	4.1
230	2.1	2.1	2.2	2.4	2.4	2.9	3.0	3.3	3.4	5.4	3.8	4.3	3.2	2.4	0.9
240	2.1	2.1	2.3	2.3	2.4	2.7	3.0	3.3	3.1	3.1	3.8	6.0	2.8	2.1	1.6
250	2.0	2.2	2.2	2.3	2.8	2.9	2.9	3.3	2.8	3.2	5.4	2.4	5.6	0.0	0.0
260	2.1	2.2	2.1	2.2	2.3	2.7	2.6	2.9	4.7	2.4	2.5	10.8	4.0	2.0	0.0
270	2.1	2.1	2.3	2.6	2.7	2.9	2.9	3.0	5.5	2.3	2.8	14.6	6.0	2.6	0.0
280	2.1	2.1	3.7	2.7	2.7	4.5	5.3	3.2	2.5	2.6	2.2	11.8	6.2	3.1	0.4
290	2.2	2.3	4.0	2.8	2.2	2.1	4.0	2.8	3.3	3.1	2.3	3.8	6.0	3.2	3.3
300	2.2	2.2	7.0	2.9	3.0	3.2	3.2	2.4	2.9	3.0	3.5	3.5	4.1	2.9	0.0
310	2.1	2.2	2.5	2.9	3.0	3.1	2.9	3.6	3.6	3.5	3.1	0.0	0.0	0.9	0.0
320	2.1	2.6	3.1	3.9	2.9	2.9	3.0	2.4	3.3	3.1	2.5	0.0	0.0	0.0	2.4
330	2.2	2.8	2.9	3.1	3.4	3.1	4.2	2.4	2.9	2.5	0.0	0.0	0.0	0.0	3.8
340	2.3	2.4	3.0	3.2	3.1	3.1	3.1	3.1	2.7	3.4	0.0	0.0	0.0	0.0	2.6
350	2.3	2.2	3.3	2.9	2.3	2.3	2.8	2.9	2.3	1.9	1.7	1.8	0.0	3.2	2.0

Dato: 2026/03/25 OML-Multi PC-version 20240314/7.10 Side 3
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Forkortelser benyttet for kildeparametrene:

Nr.....: Internt kildenummer
ID.....: Tekst til identificering af kilde
X.....: X-koordinat for kilde [m]
Y.....: Y-koordinat for kilde [m]
Z.....: Terrænkote for skorstensfod [m]
HS.....: Skorstenshøjde over terræn [m]
T.....: Temperatur af røggas [Kelvin]/[Celsius]
VOL.....: Volumenmængde af røggas [normal m3/sek]
DSO.....: Ydre diameter af skorstenstop [m]
DSI.....: Indre diameter af skorstenstop [m]
HB.....: Generel beregningsmæssig bygningshøjde [m]
Qi.....: Emission af stof nr. 'i' [gram/sek], [MLE/sek] eller [MOU/sek]

Punktkilder.

Kildedata:												
Nr ID	X	Y	Z	HS	T(C)	VOL	DSI	DSO	HB	Q1	Q2	Q3
1 1	727753.	6176879.	2.1	35.0	18.	26.00	1.60	2.00	15.0	0.1180	0.0000	0.0000

Tidsvariationer i emissionen fra punktkilder.

Emissionerne fra de enkelte punktkilder er konstant.

Afledte kildeparametre:

Kilde nr.	Vertikal røggashastighed m/s	Buoyancy flux (termisk løft) (omtrentlig) m4/s3
1	13.8	2.4

Der er ingen retningsafhængige bygningsdata.

Dato: 2026/03/25 OML-Multi PC-version 20240314/7.10 Side 4
DCE - Nationalt Center for Miljø og Energi, Aarhus Universitet

Side til advarsler.

Dato: 2026/03/25 OML-Multi PC-version 20240314/7.10 Side 5
DCE - Nationalt Center for Miljø og Energi, Aarhus Universitet

Lugt Periode: 740101-831231

De 4. største månedlige 99%-fraktiler (µg/m3)

Retning (grader)	Afstand (m)															
	50	75	100	125	150	175	200	250	300	350	400	450	500	600	700	
0	47.6	36.1	28.3	23.3	19.1	16.8	14.9	11.8	9.5	7.9	6.7	5.8	5.1	4.0	3.3	
10	48.3	36.5	31.2	24.7	20.4	17.6	15.4	12.0	9.8	8.1	6.9	6.0	5.2	4.2	3.4	
20	47.4	36.1	29.1	24.1	20.3	17.2	14.9	11.6	9.4	7.8	6.6	5.8	5.1	4.1	3.4	
30	47.8	36.0	30.4	25.8	21.7	18.3	15.8	12.4	10.0	8.3	7.1	6.1	5.4	4.2	3.5	
40	49.2	37.5	30.1	25.1	21.0	18.0	15.6	12.2	9.8	8.1	6.9	6.0	5.3	4.2	3.4	
50	45.5	35.6	28.4	23.1	20.3	17.8	15.5	12.1	9.8	8.2	7.0	6.0	5.3	4.2	3.4	
60	46.4	35.0	28.0	23.1	19.6	16.7	14.7	11.7	9.5	7.9	6.8	5.9	5.2	4.2	3.4	
70	45.8	34.9	28.9	23.6	19.8	17.2	15.1	11.8	9.5	7.9	6.7	5.8	5.1	4.1	3.4	
80	45.0	33.5	27.7	22.3	18.8	16.4	14.5	11.5	9.4	7.8	6.7	5.8	5.1	4.1	3.4	
90	42.1	31.4	25.7	21.3	18.0	15.4	13.5	10.6	8.6	7.1	6.1	5.3	4.7	3.8	3.1	
100	42.3	33.5	27.6	21.9	18.1	15.6	13.6	10.7	8.7	7.3	6.2	5.4	4.8	3.8	3.2	
110	44.4	32.7	27.0	22.1	18.5	15.7	13.6	10.6	8.7	7.3	6.4	5.6	4.9	3.9	3.2	
120	43.1	31.9	26.7	22.6	19.2	16.5	14.3	11.1	9.0	7.6	6.4	5.5	4.8	3.9	3.2	
130	44.8	33.9	27.0	21.8	18.5	16.1	14.3	11.3	9.1	7.4	6.2	5.4	4.9	3.9	3.2	
140	46.4	34.9	27.7	23.5	20.0	17.0	14.8	11.4	9.3	7.8	6.6	5.7	5.0	4.0	3.3	
150	48.9	36.5	30.8	25.5	21.1	17.7	15.1	11.7	9.5	7.9	6.7	5.7	5.1	4.1	3.3	
160	48.1	35.0	29.0	23.9	20.3	17.2	15.1	11.8	9.5	7.9	6.8	5.8	5.1	4.1	3.4	
170	49.3	35.9	30.0	24.9	21.0	17.9	15.4	12.1	9.8	8.2	7.0	6.0	5.3	4.2	3.4	
180	49.6	37.5	30.3	25.2	21.3	18.4	16.1	12.6	10.1	8.4	7.2	6.2	5.4	4.3	3.6	
190	50.4	38.7	31.4	25.9	22.2	19.2	16.5	12.7	10.2	8.5	7.2	6.3	5.5	4.4	3.6	
200	49.3	37.1	30.7	25.5	21.6	18.9	16.4	12.5	10.1	8.4	7.1	6.2	5.4	4.3	3.5	
210	49.5	37.7	31.1	25.6	21.9	19.0	16.4	12.5	10.0	8.3	7.1	6.2	5.4	4.3	3.5	
220	50.8	38.6	31.9	26.8	22.6	19.3	16.6	12.8	10.4	8.6	7.3	6.3	5.6	4.4	3.6	
230	51.7	39.2	32.2	26.8	22.6	18.9	16.5	12.8	10.3	8.3	7.2	6.2	5.5	4.4	3.6	
240	49.8	38.0	31.0	25.7	21.8	18.5	16.0	12.3	10.0	8.2	6.9	6.0	5.3	4.3	3.5	
250	50.6	39.1	31.8	26.0	21.7	18.7	16.2	12.4	10.0	8.3	7.0	6.1	5.3	4.3	3.5	
260	50.0	37.1	31.0	26.6	22.8	19.4	16.8	13.0	10.3	8.7	7.3	6.1	5.5	4.4	3.6	
270	50.5	39.7	31.6	26.5	22.1	19.0	16.4	12.7	10.1	8.6	7.3	6.1	5.4	4.4	3.6	
280	50.9	39.7	32.5	26.5	22.5	19.1	16.2	12.9	10.4	8.6	7.4	6.1	5.4	4.4	3.6	
290	50.8	39.1	31.2	26.1	22.1	18.8	16.1	12.7	10.3	8.6	7.3	6.2	5.4	4.4	3.6	
300	50.2	38.4	29.0	25.1	20.7	17.8	15.4	12.1	9.7	8.2	7.0	6.1	5.3	4.3	3.5	
310	46.5	34.9	28.2	22.8	19.4	16.8	14.5	11.0	9.0	7.6	6.5	5.6	4.9	4.0	3.3	
320	46.3	35.8	27.2	22.1	18.7	16.4	14.5	11.6	9.5	7.9	6.7	5.8	5.1	4.1	3.4	
330	45.6	34.7	28.0	22.7	19.3	17.0	14.6	11.4	9.0	7.5	6.4	5.6	4.9	3.9	3.3	
340	44.8	33.7	26.4	22.7	18.9	16.0	14.0	10.8	8.8	7.3	6.4	5.5	4.9	3.9	3.2	
350	45.2	33.4	25.8	21.2	17.9	15.5	13.2	10.4	8.6	7.3	6.3	5.4	4.8	3.9	3.2	

Maksimum= 51.72 i afstand 50 m og retning 230 grader i 198102 (yyyymm)

Dato: 2026/03/25 OML-Multi PC-version 20240314/7.10 Side 6
DCE - Nationalt Center for Miljø og Energi, Aarhus Universitet

Lugt Periode: 740101-831231

De største månedlige 99%-fraktiler (µg/m3)

Retning (grader)	Afstand (m)															
	50	75	100	125	150	175	200	250	300	350	400	450	500	600	700	
0	51.4	39.5	32.0	26.4	21.8	18.2	15.6	12.1	9.8	8.1	6.9	6.0	5.3	4.2	3.5	
10	53.7	41.6	33.6	27.8	23.2	19.7	17.0	13.2	10.6	8.7	7.5	6.4	5.6	4.5	3.7	
20	49.0	37.1	30.1	24.3	20.8	17.8	15.5	12.1	9.8	8.2	7.0	6.0	5.3	4.2	3.5	
30	52.6	41.9	32.8	27.0	23.0	19.7	17.1	13.3	10.8	8.9	7.6	6.5	5.7	4.5	3.7	
40	50.3	39.5	32.0	26.5	22.2	18.8	16.2	12.6	10.1	8.4	7.1	6.2	5.4	4.3	3.5	
50	49.4	37.2	30.0	25.3	21.6	18.6	16.3	12.7	10.3	8.5	7.2	6.3	5.5	4.4	3.6	

60	48.8	37.4	31.0	25.5	22.0	18.6	16.1	12.5	10.1	8.4	7.3	6.4	5.6	4.5	3.7
70	49.4	37.6	31.3	25.8	21.6	19.0	16.7	12.9	10.4	8.6	7.3	6.3	5.6	4.4	3.6
80	46.8	35.8	29.3	24.6	20.6	17.6	15.2	11.9	9.6	8.0	6.9	5.9	5.2	4.2	3.4
90	46.7	35.2	29.5	24.9	21.2	18.1	15.7	12.3	9.9	8.3	7.1	6.1	5.4	4.3	3.5
100	50.6	39.6	29.3	23.5	20.1	17.4	15.2	11.7	9.4	7.8	6.6	5.8	5.1	4.1	3.4
110	48.5	36.3	28.9	23.0	19.0	16.1	14.0	11.2	9.2	7.7	6.6	5.7	5.0	4.1	3.3
120	46.3	35.7	28.3	23.5	19.7	16.8	14.7	11.6	9.6	8.0	6.8	5.9	5.2	4.1	3.4
130	47.9	35.2	28.6	23.2	20.0	17.1	14.8	11.9	9.8	8.3	7.0	6.1	5.4	4.3	3.5
140	50.1	37.5	30.2	25.0	20.6	17.6	15.4	12.1	10.0	8.2	7.1	6.1	5.3	4.2	3.5
150	52.2	41.8	33.4	26.4	21.9	18.7	16.2	12.6	10.2	8.4	7.2	6.1	5.4	4.3	3.6
160	52.1	40.6	32.8	26.4	22.0	18.5	15.8	12.1	9.7	8.1	6.9	5.9	5.2	4.2	3.5
170	50.3	37.1	30.5	25.1	21.5	18.7	16.4	12.9	10.4	8.7	7.4	6.4	5.6	4.4	3.7
180	50.7	38.6	32.1	27.2	23.3	20.0	17.3	13.4	10.8	8.9	7.6	6.5	5.7	4.5	3.7
190	53.2	40.8	33.1	27.2	22.8	19.5	16.9	13.1	10.6	8.8	7.5	6.5	5.7	4.5	3.7
200	54.3	42.7	34.3	27.4	22.6	19.3	16.6	12.8	10.3	8.6	7.3	6.3	5.6	4.4	3.6
210	50.5	39.7	32.8	27.1	22.8	19.1	16.6	13.0	10.5	8.8	7.4	6.4	5.6	4.5	3.7
220	54.7	40.8	32.9	27.6	23.3	19.9	17.3	13.4	10.8	8.9	7.6	6.6	5.7	4.6	3.7
230	52.8	42.4	33.3	27.9	23.7	20.1	17.5	13.6	10.9	8.9	7.6	6.6	5.8	4.6	3.8
240	51.0	39.6	32.8	26.9	23.0	19.6	17.0	13.2	10.7	8.9	7.5	6.3	5.7	4.6	3.7
250	53.4	42.6	35.0	28.8	23.7	20.0	17.3	13.4	10.7	8.7	7.2	6.4	5.5	4.5	3.7
260	55.5	45.3	36.4	29.3	24.1	20.5	17.7	13.7	10.7	9.2	7.8	6.5	5.9	4.6	3.8
270	53.7	42.6	33.8	27.4	23.0	19.5	16.9	13.2	10.4	9.0	7.6	6.4	5.6	4.6	3.8
280	54.2	40.8	33.0	28.0	23.5	19.7	16.9	13.5	10.9	9.0	7.7	6.4	5.7	4.6	3.8
290	55.5	41.9	32.5	27.5	23.3	20.0	16.9	13.3	10.6	8.8	7.5	6.4	5.5	4.5	3.6
300	60.8	42.8	31.4	25.4	21.6	18.7	16.3	12.8	10.4	8.6	7.3	6.3	5.5	4.4	3.6
310	56.9	42.4	33.6	27.9	23.4	19.8	17.2	13.3	10.7	8.9	7.6	6.5	5.7	4.5	3.7
320	49.9	38.1	30.8	25.4	21.6	18.5	16.0	12.6	10.1	8.5	7.2	6.3	5.5	4.4	3.6
330	49.7	37.3	31.3	25.7	21.6	18.5	15.8	12.6	10.1	8.4	7.2	6.2	5.5	4.4	3.5
340	45.1	34.8	29.0	24.2	20.4	17.6	15.2	11.8	9.6	8.0	6.9	6.0	5.2	4.2	3.4
350	52.4	37.6	31.6	26.1	21.9	18.6	16.1	12.5	10.1	8.4	7.1	6.1	5.4	4.3	3.5

Maksimum= 60.81 i afstand 50 m og retning 300 grader i 197608 (yyyymm)

Dato: 2026/03/25 OML-Multi PC-version 20240314/7.10 Side 7
DCE - Nationalt Center for Miljø og Energi, Aarhus Universitet

Lugt Periode: 740101-831231

Middelværdier (µg/m3)

Retning (grader)	Afstand (m)														
	50	75	100	125	150	175	200	250	300	350	400	450	500	600	700
0	0.9	0.6	0.4	0.3	0.3	0.3	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1
10	0.9	0.6	0.5	0.4	0.3	0.3	0.3	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1
20	1.0	0.7	0.5	0.4	0.4	0.3	0.3	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1
30	1.0	0.7	0.5	0.4	0.4	0.3	0.3	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1
40	1.0	0.7	0.5	0.4	0.4	0.3	0.3	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1
50	0.9	0.6	0.5	0.4	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1
60	0.9	0.6	0.5	0.4	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1
70	0.8	0.6	0.4	0.4	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1
80	0.8	0.6	0.4	0.4	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1
90	0.8	0.6	0.4	0.4	0.3	0.3	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1
100	0.8	0.6	0.4	0.4	0.3	0.3	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1
110	0.8	0.5	0.4	0.4	0.3	0.3	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1
120	0.8	0.5	0.4	0.3	0.3	0.3	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1
130	0.8	0.5	0.4	0.3	0.3	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1
140	0.8	0.5	0.4	0.3	0.3	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1
150	0.9	0.5	0.4	0.3	0.3	0.3	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1
160	0.9	0.6	0.4	0.4	0.3	0.3	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1
170	1.0	0.6	0.5	0.4	0.3	0.3	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1
180	1.0	0.7	0.5	0.4	0.4	0.3	0.3	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1
190	1.1	0.7	0.6	0.5	0.4	0.3	0.3	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1
200	1.2	0.8	0.6	0.5	0.4	0.4	0.3	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1
210	1.2	0.8	0.6	0.5	0.4	0.4	0.3	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1
220	1.3	0.8	0.7	0.5	0.4	0.4	0.3	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1
230	1.3	0.8	0.6	0.5	0.5	0.4	0.3	0.3	0.2	0.2	0.2	0.2	0.1	0.1	0.1
240	1.3	0.8	0.6	0.5	0.4	0.4	0.3	0.3	0.2	0.2	0.2	0.1	0.1	0.1	0.1
250	1.2	0.8	0.6	0.5	0.4	0.4	0.3	0.3	0.2	0.2	0.2	0.2	0.1	0.1	0.1
260	1.2	0.8	0.6	0.5	0.4	0.4	0.3	0.3	0.2	0.2	0.2	0.1	0.1	0.1	0.1
270	1.2	0.8	0.6	0.5	0.4	0.4	0.3	0.3	0.2	0.2	0.2	0.1	0.1	0.1	0.1
280	1.2	0.8	0.6	0.5	0.4	0.3	0.3	0.3	0.2	0.2	0.2	0.1	0.1	0.1	0.1
290	1.1	0.7	0.5	0.5	0.4	0.3	0.3	0.3	0.2	0.2	0.2	0.1	0.1	0.1	0.1
300	1.0	0.6	0.5	0.4	0.3	0.3	0.3	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1
310	0.9	0.6	0.4	0.4	0.3	0.3	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1
320	0.8	0.5	0.4	0.3	0.3	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1
330	0.8	0.5	0.4	0.3	0.3	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1
340	0.8	0.5	0.4	0.3	0.3	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1
350	0.8	0.5	0.4	0.3	0.3	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1

Maksimum= 1.27 i afstand 50 m og retning 230 grader.

Dato: 2026/03/25 OML-Multi PC-version 20240314/7.10 Side 8

Lugt Periode: 740101-831231

Maksimale timeværdier ($\mu\text{g}/\text{m}^3$)

Retning (grader)	Afstand (m)														
	50	75	100	125	150	175	200	250	300	350	400	450	500	600	700
0	81.3	67.3	54.1	44.4	37.3	31.7	27.5	21.6	17.6	14.8	12.7	11.0	9.7	7.7	6.3
10	100.7	86.2	71.8	59.4	49.1	41.6	35.8	27.6	22.0	18.2	15.6	13.4	11.5	9.2	7.5
20	96.3	80.2	65.9	53.4	45.0	38.1	33.0	25.3	20.4	16.9	14.4	12.4	10.9	8.7	7.1
30	97.6	76.6	59.8	50.9	43.9	38.0	33.1	26.2	21.5	18.1	15.2	13.1	11.5	9.0	7.4
40	85.6	78.2	71.0	64.0	56.5	49.3	43.6	34.1	27.6	22.6	19.0	16.3	14.0	10.8	8.6
50	87.8	75.8	61.6	51.5	43.2	37.2	32.6	25.8	20.9	17.6	15.0	13.1	11.4	8.9	7.2
60	102.6	71.3	52.4	43.6	38.6	33.6	29.8	23.4	18.7	15.2	13.0	11.2	9.7	7.7	6.3
70	125.9	89.2	66.1	51.2	41.3	35.8	31.2	24.5	19.7	16.4	13.9	11.9	10.4	8.2	6.7
80	136.0	98.1	72.2	55.7	44.5	36.8	31.2	23.5	18.5	15.1	12.6	10.8	9.4	7.3	5.9
90	130.4	93.2	69.2	53.4	42.8	35.7	30.2	22.8	18.3	15.3	13.1	11.2	9.7	7.5	5.9
100	110.5	76.9	57.6	45.0	36.9	31.1	27.7	22.3	18.2	15.0	12.5	10.6	9.1	6.9	5.6
110	82.6	55.0	45.7	38.8	34.4	31.1	28.2	23.5	20.0	17.3	15.2	13.6	12.0	10.1	8.4
120	67.0	52.6	44.5	41.8	38.6	35.6	32.9	28.3	24.6	21.6	19.2	17.2	15.5	13.0	11.0
130	66.2	52.2	45.5	42.1	40.3	37.5	34.9	30.3	26.5	23.2	20.2	18.3	16.8	14.2	12.1
140	66.6	49.9	45.0	42.2	39.1	36.2	33.5	28.9	23.7	22.1	18.4	17.5	15.8	13.2	11.3
150	70.9	57.0	48.1	41.3	35.9	32.0	29.2	24.5	21.0	18.2	16.0	12.5	12.8	10.6	8.9
160	79.5	60.6	52.1	45.7	40.4	36.0	32.2	25.9	21.1	17.4	14.5	12.3	10.5	8.0	6.4
170	99.2	76.2	62.0	50.7	42.2	35.6	30.5	23.4	18.7	15.4	13.0	11.2	9.8	7.7	6.3
180	130.8	102.3	80.1	63.6	52.5	44.3	37.9	28.9	23.0	18.9	15.9	13.6	11.9	9.3	7.5
190	138.1	110.7	87.5	70.0	56.9	47.9	40.7	31.0	24.6	20.1	16.8	14.4	12.2	9.7	7.9
200	116.7	86.5	66.4	52.9	43.5	36.8	32.1	24.6	19.8	16.5	13.8	12.0	10.5	8.4	6.8
210	78.9	54.5	43.9	38.0	33.4	29.6	26.4	21.4	17.5	14.5	12.2	10.3	8.8	6.6	5.2
220	84.0	61.5	46.5	37.6	32.1	27.5	23.8	18.2	14.9	12.7	10.9	9.5	8.5	6.9	5.6
230	106.1	91.5	76.3	63.1	52.9	44.2	38.0	28.9	23.1	18.0	15.8	13.4	12.0	9.6	7.9
240	97.2	78.9	63.2	51.6	43.1	36.3	31.2	24.1	19.6	16.3	13.6	11.2	10.6	8.6	7.0
250	101.3	85.4	72.2	60.3	49.3	41.5	35.6	26.9	21.8	17.8	14.2	13.2	10.7	9.2	7.5
260	101.9	83.9	68.1	58.5	50.2	42.8	37.4	28.9	22.1	19.3	16.2	11.4	11.6	9.4	7.5
270	98.3	77.4	67.1	57.1	48.9	42.0	36.6	29.0	22.3	20.8	17.6	12.1	12.9	11.3	9.5
280	122.4	100.3	76.6	64.4	59.3	51.2	45.4	40.0	33.9	28.4	24.4	16.2	16.4	14.0	11.5
290	106.8	89.1	69.1	59.8	55.1	49.8	42.4	36.0	29.4	24.9	21.8	18.1	14.9	12.7	10.3
300	96.1	75.6	52.6	47.3	39.2	34.4	30.6	25.0	20.1	16.6	13.8	11.8	10.0	8.2	7.0
310	76.0	67.6	58.7	50.1	43.1	37.2	32.6	25.1	20.3	16.8	14.4	12.6	11.0	8.7	7.1
320	72.9	63.3	53.6	44.8	39.1	35.8	32.8	27.9	23.6	20.5	18.0	16.0	14.3	11.7	9.8
330	74.9	59.6	50.6	45.8	43.7	41.7	39.0	34.9	30.4	26.7	23.6	20.8	18.5	15.0	12.2
340	75.9	59.3	49.7	45.6	43.7	41.5	39.2	34.5	30.3	26.3	23.4	20.7	18.4	14.9	12.3
350	89.5	78.5	64.9	54.9	47.0	40.0	34.2	27.3	23.3	20.2	17.7	15.7	14.0	11.4	9.7

Maksimum= 138.14 i afstand 50 m og retning 190 grader.

Dato: 2026/03/25 OML-Multi PC-version 20240314/7.10
DCE - Nationalt Center for Miljø og Energi, Aarhus Universitet

Side 9

Benyttede filer.

Følgende inputfiler er benyttet i beregningerne:

Punktkilder Z:\Tasks\126\126-22081\Data\OML filer\zoomed grid\sweeps\sweep\run_008\ARC_GRID_ZOOM_run_008.kld
Meteorologi..... C:\OML_Data\Aal7483LST.met
Receptorer..... Z:\Tasks\126\126-22081\Data\OML filer\zoomed grid\sweeps\sweep\run_008\ARC_GRID_ZOOM_run_008.rct
Beregningsopsætning..... Z:\Tasks\126\126-22081\Data\OML filer\zoomed grid\ARC_GRID_ZOOM.opt

Følgende outputfil er benyttet:

Resultater Z:\Tasks\126\126-22081\Data\OML filer\zoomed grid\sweeps\sweep\run_008\ARC_GRID_ZOOM_run_008.log