

MER Kanaalzone Noord

Deelrapport Luchtkwaliteit

Gemeente Apeldoorn

6 juni 2025

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1

INLEIDING

Doel deelrapport

Dit deelrapport beschrijft de effecten van de plannen voor de gebiedsontwikkeling van Kanaalzone Noord in Apeldoorn. Het deelrapport vormt onderdeel van het MER Kanaalzone Noord. In dit deelrapport staan alleen specifieke uitgangspunten en gedetailleerde informatie over luchtkwaliteit. Een algemene toelichting op de aanpak en uitgangspunten voor de effectstudies is te vinden in het hoofdrapport MER.

Relatie met stikstof

Het stikstofrapport, wat voor het deelrapport natuur wordt gebruikt, is sterk vergelijkbaar aan het deelrapport luchtkwaliteit. Stikstof en luchtkwaliteit hebben over het algemeen dezelfde emissiebronnen. Wel wordt er bij stikstofdepositie gekeken naar NO_x-emissies en de depositie hiervan, waar bij luchtkwaliteit NO₂ als in concentratie in de lucht wordt onderzocht.

Relatie met mobiliteit

In het deelrapport luchtkwaliteit wordt onder andere de invloed van verkeer op de luchtkwaliteit bepaald. De hoeveelheid verkeer wordt bepaald aan de hand van de verkeerscijfers uit het deelrapport mobiliteit.

Leeswijzer

Tabel 1.1 Leeswijzer

Hoofdstuk	Geeft antwoord op de vraag:
1. Aanleiding	Wat staat er in het deelrapport?
2. Kaders vanuit wetgeving, beleid en richtlijnen.	Wat zijn de geldende kaders en richtlijnen voor het thema luchtkwaliteit?
3. Wijze van onderzoeken en beoordelingskader met criteria.	Op welke manier zijn de effecten voor het thema luchtkwaliteit bepaald?
4. Huidige situatie en autonome ontwikkelingen.	Hoe ziet de situatie er nu en straks uit voor het thema luchtkwaliteit?
5. Effectenbeoordeling	Welke effecten hebben de alternatieven op het thema luchtkwaliteit?
6. Overzicht van effecten.	Wat zijn de hoofdlijnen voor de effecten voor het thema luchtkwaliteit?
7. Discussies en aanbevelingen.	Wat zijn de aandachtspunten bij het lezen van dit deelrapport? Wat zijn onze aanbevelingen?
8. Referenties	Welke bronnen zijn gebruikt voor het opstellen van dit deelrapport?

2

KADERS VANUIT WETGEVING, BELEID EN RICHTLIJNEN

Dit hoofdstuk beschrijft de geldende wettelijke- en beleidskaders specifiek voor het thema luchtkwaliteit, voor zover van invloed op de plannen voor Kanaalzone Noord. Het overzicht hiervan is opgenomen in tabel 2.1. Tabel 2.2 geeft het overzicht van richtlijnen (handboeken, werkwijzers, instructies e.d.) die van toepassing zijn op het onderzoek voor luchtkwaliteit.

Tabel 2.1 Geldende wettelijke- en beleidskaders

Wet/beleid	Status en datum	Toelichting
Besluit kwaliteit leefomgeving (Bkl).	Geldend van 12 december 2024 tot heden.	In het Bkl (paragraaf 2.2.1.1) worden rijksomgevingswaarden gegeven voor verschillende stoffen.
Strengere nieuwe EU normen.	Europese richtlijn, aangenomen 14 oktober 2024, nog niet geïmplementeerd in de Nederlandse wetgeving.	Vanaf 2030 gaan er strengere eisen gelden voor bijvoorbeeld fijnstof en stikstofdioxide. Binnen 2 jaar moet Nederland de Europese regels omzetten naar nationale wetgeving. Strikt genomen hoeft nog niet getoetst te worden aan de nieuwe EU normen. De huidige rijksomgevingswaarden uit het Bkl zijn ook overgenomen uit een (minder recente) Europese richtlijn.
WHO advieswaarden.	22 september 2021 uitgebracht, niet verplichtend van karakter.	De WHO heeft aangescherpte advieswaarden uitgebracht. Dit zijn gezondheidskundige streefwaarden voor de concentratie van verontreinigende stoffen in de buitenlucht. Deze advieswaarden zijn niet verplichtend van karakter.

Tabel 2.2 Richtlijnen

Richtlijn/document	Status en datum	Toelichting
Handreiking luchtkwaliteit.	Niet rechtsgeldig, 25 januari 2019.	Deze handreiking beschrijft op welke wijze de luchtkwaliteit beoordeeld dient te worden bij projecten van het Ministerie van Infrastructuur en Waterstaat. Dit project valt hier niet onder, maar veel van de principes gelden voor dit project ook, voornamelijk wat betreft wegverkeer.

In de wetgeving van tabel 2.1 worden verschillende normen aangehouden wat betreft NO₂, PM10 en PM2,5. Deze zijn weergegeven in tabel 2.3.

Tabel 2.3 (Toets)waarden voor luchtverontreinigende stoffen

Stof	Criterium	Rijksomgevingswaarde ($\mu\text{g}/\text{m}^3$)	EU-grenswaarde 2030 ($\mu\text{g}/\text{m}^3$)	Streefwaarde WHO ($\mu\text{g}/\text{m}^3$)
NO ₂	Jaargemiddelde concentratie.	40	20	10
	24-uurgemiddelde concentratie (mag maximaal 18 keer per jaar worden overschreden).	-	50*	-
	Uurgemiddelde concentratie (mag maximaal 18 keer per jaar worden overschreden).	200	200	-
PM10	Jaargemiddelde concentratie.	40	20	15
	24-uurgemiddelde concentratie.	50**	45**	45**
PM2,5	Jaargemiddelde concentratie.	25	10	5
	24-uurgemiddelde concentratie (mag maximaal 18 keer per jaar worden overschreden).	-	25	-

* Komt ongeveer overeen met een jaargemiddelde concentratie van 32,5 $\mu\text{g}/\text{m}^3$.

** De 24-uurgemiddelde concentratie voor PM10 mag volgens de rijksomgevingswaarde in het Bkl 35 keer per jaar worden overschreden. De nieuwe norm van de EU en de streefwaarde van de WHO als 24-uurgemiddelde voor PM10 mag slechts 18 keer per jaar worden overschreden.

Voor de 24-uurgemiddelde en uurgemiddelde concentraties is berekend bij welke jaargemiddelde concentratie de norm wordt overschreden. Voor alle richtlijnen geldt dat de jaargemiddelde concentratie maatgevend is, met uitzondering van de rijksomgevingswaarde voor de 24-uurgemiddelde concentratie voor PM10.

Overige stoffen

Voor de overige stoffen waar omgevingswaarde voor zijn opgenomen, zijn in het laatste decennium nergens in Nederland overschrijdingen van de grenswaarde opgetreden. De concentraties van deze stoffen vertonen bovendien een dalende trend. Dit beeld wordt bevestigd door metingen van het Landelijk Meetnet Luchtkwaliteit van het RIVM. Het is daarmee aannemelijk dat de grenswaarden voor andere stoffen dan NO₂, PM10 en PM2,5 ook ten gevolge van dit project niet worden overschreden.

Voor het berekenen van de concentraties van stoffen zijn ministeriele regels van toepassing. Hierbij wordt onderscheid gemaakt tussen wegenprojecten en milieubelastende activiteiten. Voor wegenprojecten worden Standaard Rekenmethode (SRM) 1 en 2 gebruikt en voor milieubelastende activiteiten SRM 3.

Lokale omgevingswaarden

De provincies en gemeenten kunnen lokale aanvullende of afwijkende omgevingswaarden voor de buitenlucht stellen in hun omgevingsverordening of omgevingsplan. Een afwijkende omgevingswaarde is een strengere eis ten opzichte van de vastgelegde rijksomgevingswaarden 2.1. Daarnaast kunnen provincies en gemeenten omgevingswaarden instellen voor onderwerpen/stoffen waarover het Rijk geen omgevingswaarde stelt. Er zijn geen lokale omgevingswaarden voor de gebiedsontwikkeling van toepassing.

3

WIJZE VAN ONDERZOEKEN EN BEOORDELINGSKADER MET CRITERIA

Dit hoofdstuk beschrijft de onderzoeksmethode voor het milieuthema luchtkwaliteit. In paragraaf 3.1 zijn de belangrijkste ingreep-effectrelaties opgenomen. Op basis hiervan is het beoordelingskader opgesteld. Het beoordelingskader, met de onderliggende onderzoeksmethode, studiegebied en beoordelingschaal worden beschreven in paragraaf 3.2.

3.1 Ingreep-effectrelaties

Tabel 3.1 beschrijft op hoofdlijnen tot welke effecten verschillende ingrepen van de plannen voor Kanaalzone Noord (kunnen) leiden voor het milieuthema luchtkwaliteit.

Tabel 3.1 Ingreep-effectrelaties

Ingreep	Effect	Plek in beoordelingskader
Realisatie van nieuwe woningen.	Toename van het aantal verkeersbewegingen, toename van blootstelling op nieuwe en bestaande gevoelige gebouwen.	Luchtkwaliteit: NO ₂ , PM10 en PM2,5.
Het sluiten van bedrijven.	Afname van het aantal verkeersbewegingen en emissies van stookinstallaties, afname van blootstelling op nieuwe en bestaande gevoelige gebouwen.	Luchtkwaliteit: NO ₂ , PM10 en PM2,5.

3.2 Beoordelingskader

Tabel 3.2 geeft het beoordelingskader voor het milieuthema luchtkwaliteit weer.

Tabel 3.2 Beoordelingskader

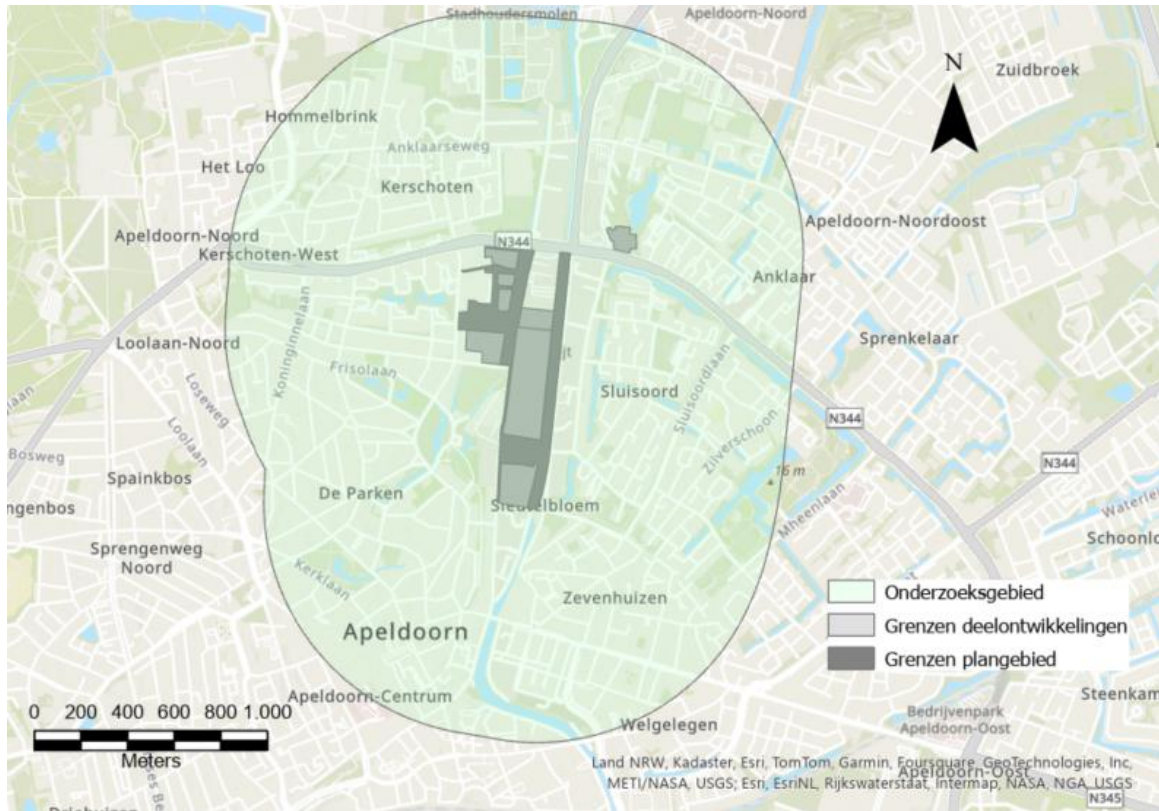
Beoordelingscriteria	Indicator	Methode en informatie
Luchtkwaliteit	Luchtkwaliteitseffect op bestaande gevoelige bebouwing ($\mu\text{g}/\text{m}^3$).	Kwantitatieve beoordeling op basis van de berekende NO ₂ , PM10 en PM2,5 concentratiebijdragen.
Luchtkwaliteit	Gehele blootstelling op nieuwe gevoelige bebouwing ($\mu\text{g}/\text{m}^3$).	Kwantitatieve beoordeling op basis van de berekende NO ₂ , PM10 en PM2,5 concentratieblootstelling.

3.2.1 Studiegebied en beoordelingschaal luchtkwaliteit

Studiegebied

Afbeelding 3.1 geeft de ligging van de gebiedsontwikkeling weer. De luchtkwaliteit wordt onderzocht tot 1 km rondom de afbakening van de gebiedsontwikkeling.

Afbeelding 3.1 Plangebied en onderzoeksgebied



Beoordelingschaal

Onderstaande tabel geeft de beoordelingschaal voor de beoordeling op het criterium luchtkwaliteit weer.

Tabel 3.3 Beoordelingschaal NO_x¹, PM10 en PM2.5

Score	Oordeel ten opzichte van de referentiesituatie
---	> 15 % of meer van de woningen en andere gevoelige bestemmingen ondervindt een verslechtering van meer dan 0,4 µg/m ³ .
-	5 - 15 % van de woningen en andere gevoelige bestemmingen ondervindt een verslechtering van meer dan 0,4 µg/m ³ .
0	Geen (significant deel) van de woningen en andere gevoelige bestemmingen ondervindt een verslechtering of verbetering van meer dan 0,4 µg/m ³ .
+	5 - 15 % van de woningen en andere gevoelige bestemmingen ondervindt een verbetering van meer dan 0,4 µg/m ³ .
++	15 % van de woningen en andere gevoelige bestemmingen ondervindt een verbetering van meer dan 0,4 µg/m ³ .

¹ Normaalgesproken wordt voor NO₂ een grens van 1,2 µg/m³ aangehouden.

3.2.2 Onderzoeksmethode & uitgangspunten

In de onderstaande paragraaf wordt de onderzoeksmethode beschreven. De effecten van de gebiedsontwikkeling op de luchtkwaliteit komen door de toename van verkeersbewegingen. Er zijn ook bedrijven op de projectlocatie die vertrekken. De uitgangspunten voor de vertrekkende bedrijven zijn in lijn met het stikstofdepositie-onderzoek.

Zichtjaren

In onderstaande tabel volgt een overzicht waar het projecteffect op de luchtkwaliteit is ingeschat.

Tabel 3.4 Zichtjaren thema luchtkwaliteit

Situatie	2023	2030
Huidige situatie	X	
Referentiesituatie		X
Basisalternatief		X

De huidige situatie is beschreven op basis van de meest recente gegevens uit CIMLK-Monitoring (Monitoringsronde 2024). In dit rapport is 2023 gehanteerd voor de beschrijving van de huidige situatie. Dit is het meest recente jaar waarvoor gegevens beschikbaar zijn.

Dit rapport vergelijkt de situatie na wijziging met de referentiesituatie. Uit deze vergelijking wordt duidelijk wat de effecten van de ingreep zijn. De referentiesituatie betreft de autonome ontwikkelingen in de nabijheid van het studiegebied. Deze wordt vergeleken met het basisalternatief. Het mobiliteitsalternatief wordt kwalitatief beschreven. De verkeersmodellen zijn gemaakt voor het jaar 2040, maar het luchtkwaliteitsmodel Geomilieu gaat niet verder in de toekomst dan 2030. Daarom is 2030 gekozen als rekenjaar.

Verkeercijfers

Voor het maken van de verkeersprognoses is door Goudappel B.V. een verkeersmodel gemaakt voor de referentiesituatie en het basisalternatief voor het jaar 2040. Uit dit model zijn de verkeersintensiteiten en de stagnatiefactoren overgenomen.

Wegkenmerken CIMLK

In aanvulling op de aangeleverde verkeersdata, bestaande uit de verrijkte verkeersintensiteiten en de congestiefactoren, zijn gegevens vereist die de kenmerken van het wegvak beschrijven. Dit betreft onder andere de hoogteligging van de weg, het type weg en de afstand tot en de hoogte van geluidsschermen langs de weg. Deze wegkenmerken zijn opgenomen in de Monitoringstool van het Centraal Instrument Monitoring Luchtkwaliteit (CIMLK) en dienen als basis voor het wegvakkenbestand dat wordt ingevoerd in het model. Deze gegevens dienen als input voor het luchtkwaliteitsonderzoek.

Koppeling verkeercijfers en CIMLK

Om tot één wegvakkenbestand te komen dat kan worden ingevoerd in Geomilieu, zijn de wegkenmerken uit het CIMLK gekoppeld aan de aangeleverde wegvakken. Deze koppeling heeft, door het grote aantal wegvakken, geautomatiseerd plaatsgevonden op basis van de geometrie van ieder wegvak. De wegvakken uit het Witteveen+Bos bestand bevatten verschillen in ligging en lengte met wegvakken uit het CIMLK bestand. Daarom zijn de wegvakken uit het Witteveen+Bos bestand eerst opgeknipt in wegvakken met een lengte kleiner dan 10 m. Op deze wijze kan een zorgvuldige koppeling van de wegkenmerken uit het CIMLK aan de wegvakken uit het verkeersmodel worden gegarandeerd.

Afbakening wegen

Zoals beschreven in de handreiking luchtkwaliteit worden de wegen in het onderzoeksgebied meegenomen in het model. De berekening van het verkeersmodel wordt beperkt tot:

- de wegvakken waarop een fysieke ingreep plaatsvindt;
- alle wegvakken binnen de gebiedsontwikkeling;
- alle overige wegvakken waar als gevolg van de ontwikkelingen binnen de gebiedsontwikkeling de verkeersintensiteiten met 100 motorvoertuigen of meer per rijrichting per etmaal toe- of afnemen;
- tussenliggende wegvakken buiten de gebiedsontwikkeling, waar de verkeersintensiteiten met minder dan 100 motorvoertuigen per rijrichting per etmaal toe- of afneemt, om zo tot een logisch aaneengesloten model te komen. Hierbij geldt dat op wegen waarop op één rijrichting de grens van 100 motorvoertuigen per rijrichting per etmaal toe of afneemt de andere rijrichting ook wordt meegenomen.

Hierbij geldt dat wegen meegenomen in de plansituatie ook worden meegenomen in de referentiesituatie. De verkeersnetwerken zijn dus identiek. Bij een lagere ondergrens kan de foutmarge groter worden dan de voorspelde toe- of afname en vormt de berekende toe- of afname geen relevante verandering ten opzichte van de bestaande verkeersintensiteiten. Hierbij geldt dat 100 mvt/rijrichting/etmaal een relatief lage grens is (de handreiking luchtkwaliteit suggereert om toe- en afnames van minder dan 250-500 mvt buiten beschouwing te laten.), die gekozen is omdat de veranderingen als gevolg van het plan relatief klein zijn.

In vergelijkbare onderzoeken zijn ook alle SRM2 wegen (provinciale en rijkswegen met een maximale snelheid van minimaal 60 km/uur) meegenomen binnen 5 kilometer van het onderzoeksgebied. De handreiking luchtkwaliteit suggereert dit ook, om vervolgens een dubbeltellingscorrectie door te voeren. Bij een dubbeltellingscorrectie wordt een bijdrage van SRM2 wegen van de achtergrondconcentratie afgetrokken. In gevallen waarbij deze wegen moeten worden meegenomen en waarbij de weg een relevant effect heeft op de achtergrondconcentratie wordt deze weg dubbel meegenomen in de resultaten. In het geval van MER Kanaalzone-Noord liggen er echter geen SRM2 wegen in de buurt van de projectlocatie en is dus geen sprake van dubbeltelling (uit de verkeersmodellering blijkt dat er ook nauwelijks verschillen zijn in intensiteiten op SRM2 wegen). Daarom is gekozen om geen dubbeltellingscorrectie mee te nemen (deze functie kan in het model worden aan- of uitgezet) en deze SRM2 wegen binnen 5 km van het onderzoeksgebied ook niet mee te nemen.

Emissies door bedrijven

Er liggen ook verschillende bedrijven in het onderzoeksgebied. De uitgangspunten om de uitstoot te berekenen zijn gelijkgetrokken met de uitgangspunten uit het stikstofdepositie onderzoek. Dat betekent dat emissies door wegverkeer van bedrijven zijn niet apart meegenomen, omdat deze al zijn verwerkt in het verkeersmodel, en dat emissies afkomstig van de gebouwen zelf niet in de berekeningen zijn meegenomen. Er is geen inventarisatie hiernaar uitgevoerd, en gelet op de type bedrijven die aanwezig zijn is de verwachting dat emissies beperkt blijven tot NO_x-emissies van stookinstallaties. De PM₁₀ en PM_{2,5} emissie van stookinstallaties op aardgas is verwaarloosbaar klein. Aansluiten bij gebruikelijke kentallen voor bedrijfs- en industriële activiteiten binnen een bepaalde milieucategorie, geeft in deze situatie zeer waarschijnlijk een (zware) overschatting van de daadwerkelijk optredende emissies.

De enige uitzondering hierop is de aanwezige bakkerij Fuite in deelontwikkeling Fuite. Naar Fuite zijn verschillende milieuonderzoeken naar de huidige milieubelasting gedaan op basis van vigerende (milieu)vergunningen, waaronder voor het aspect stikstofdepositie. Dit onderzoek is opgenomen in één van de bijlagen van het hoofdrapport van het MER. De stikstofemissies afkomstig van Fuite zijn wel betrokken in dit luchtkwaliteitsonderzoek.

Koude start

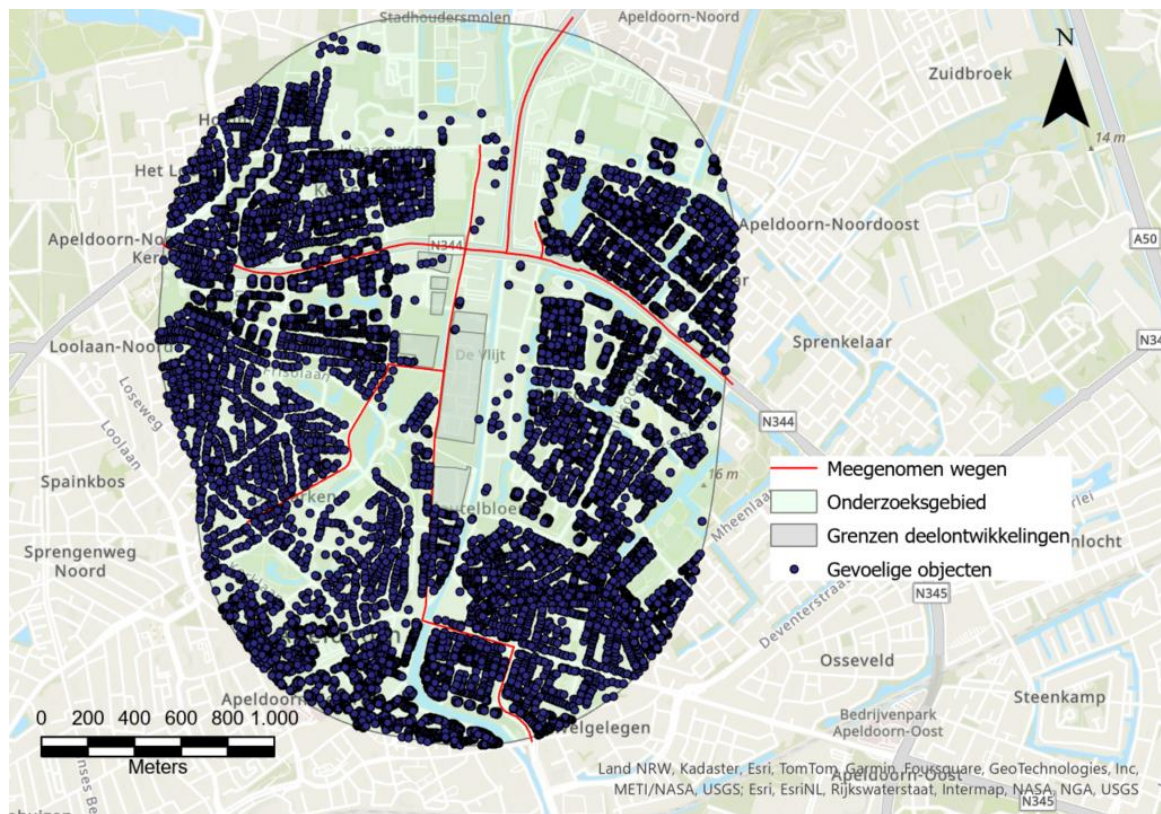
In tegenstelling tot AERIUS Calculator maakt Geomilieu 2024.1 geen onderscheid tussen emissies van rijdend verkeer en emissies door de koude start. Door het rijdende verkeer te modelleren, wordt dus ook de emissie van de koude start meegenomen.

Modellering

De berekeningen zijn uitgevoerd met het Nieuw Nationaal Model (module Stacks in het softwarepakket Geomilieu 2024.1). De meteorologische gegevens van 2005 tot en met 2014 zijn gehanteerd. De eenvoudige ureninvoer is gehanteerd. De journalbestanden van de verschillende berekeningen zijn weergegeven in bijlage I tot en met IV.

In vergelijkbare projecten wordt getoetst op alle gevoelige objecten (woningen, onderwijsinstellingen, gezondheidsinstellingen). Vanwege het grote aantal gevoelige objecten in het studiegebied (11.872) is een rekengrid op het studiegebied gelegd om contouren van concentraties luchtverontreinigende stoffen te berekenen. Vervolgens zijn de resulterende contouren op de gevoelige objecten in het studiegebied gelegd om het aantal woningen per concentratieklasse te bepalen. De locaties van de gevoelige objecten zijn weergegeven in afbeelding 3.2.

Afbeelding 3.2 locaties gevoelige objecten



4

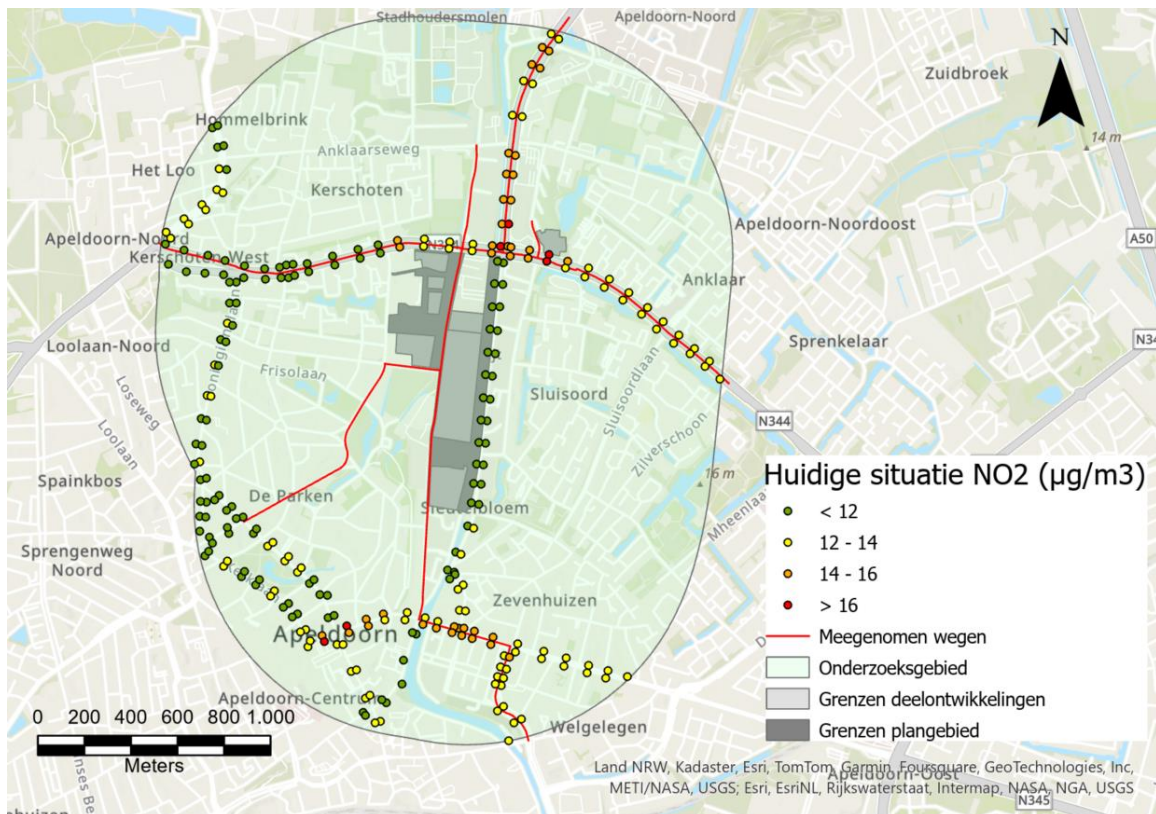
HUDIGE SITUATIE EN AUTONOME ONTWIKKELINGEN

Om een inschatting te maken van de luchtkwaliteit in de huidige situatie in en rondom het plangebied wordt gebruik gemaakt van de CIMLK-monitoringstool monitoringronde 2024, met zichtjaar 2023. In deze tool zijn door het RIVM op een hoge resolutie concentraties van fijnstof (PM10 en PM2,5) en stikstofdioxide (NO₂) voor ongeveer 300.000 rekenpunten in Nederland berekend. Deze concentraties zijn berekend aan de hand van globale GCN-achtergrondkaarten, op basis van brongegevens voor binnen- en buitenland, en door lokale overheden aangeleverde gedetailleerde (verkeers)gegevens. Hierbij is in afbeelding 4.1, 4.2 en 4.3 de bronbijdrage van de naastliggende wegen meegenomen. In onderstaande paragrafen wordt de huidige situatie voor zowel stikstofdioxide als fijnstof besproken.

Stikstofdioxide NO₂

De NO₂-concentraties in de huidige situatie zijn weergegeven in afbeelding 4.1. De maximale concentratie in de monitoringstool bedraagt 17,2 µg/m³. De concentraties van de rekenpunten liggen overal ruim beneden de grenswaarde conform het Bkl (40,0 µg/m³) en de nieuwe Europese norm (20,0 µg/m³) wordt ook niet overschreden. Er wordt niet voldaan aan de streefwaarde van de WHO (10,0 µg/m³). De minimale NO₂-concentratie in het onderzoeksgebied bedraagt 10,3 µg/m³.

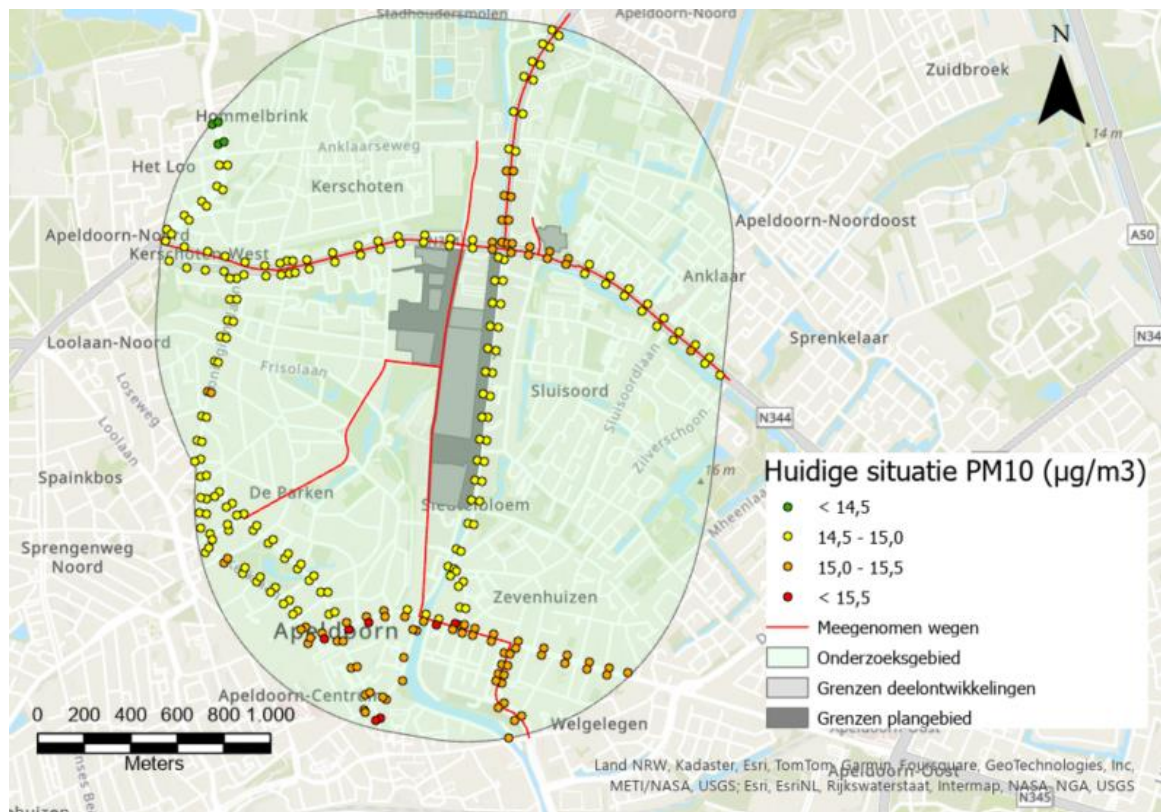
Afbeelding 4.1 NO₂-concentraties in de huidige situatie, op basis van CIMLK-monitoringsronde 2024



Fijnstof PM10

De PM10-concentraties in de huidige situatie zijn weergegeven in afbeelding 4.2. De maximale concentratie in de monitoringstool bedraagt $15,6 \mu\text{g}/\text{m}^3$. Daarmee liggen de PM10-concentraties overal ruim beneden de grenswaarde conform het Bkl ($40,0 \mu\text{g}/\text{m}^3$) en de nieuwe Europese norm ($20,0 \mu\text{g}/\text{m}^3$) wordt ook niet overschreden. Ook wordt op delen van het onderzoeksgebied voldaan aan de streefwaarde van de WHO ($15,0 \mu\text{g}/\text{m}^3$). De gemiddelde PM10-concentratie in het onderzoeksgebied bedraagt in de huidige situatie $14,9 \mu\text{g}/\text{m}^3$. De minimale concentratie is $14,4 \mu\text{g}/\text{m}^3$.

Afbeelding 4.2 PM10-concentraties in de huidige situatie, op basis van CIMLK-monitoringsronde 2024



Fijnstof PM2,5

De PM2,5-concentraties in de huidige situatie zijn weergegeven in afbeelding 4.3. De PM2,5-concentraties in de huidige situatie is in het hele onderzoekgebied tussen de $8,0$ en de $8,5 \mu\text{g}/\text{m}^3$. Daarmee liggen de PM2,5-concentraties overal ruim beneden de grenswaarde conform het Bkl ($25,0 \mu\text{g}/\text{m}^3$) en de nieuwe Europese norm ($10,0 \mu\text{g}/\text{m}^3$) wordt ook niet overschreden. Er wordt nog niet voldaan aan de streefwaarde van de WHO ($5,0 \mu\text{g}/\text{m}^3$).

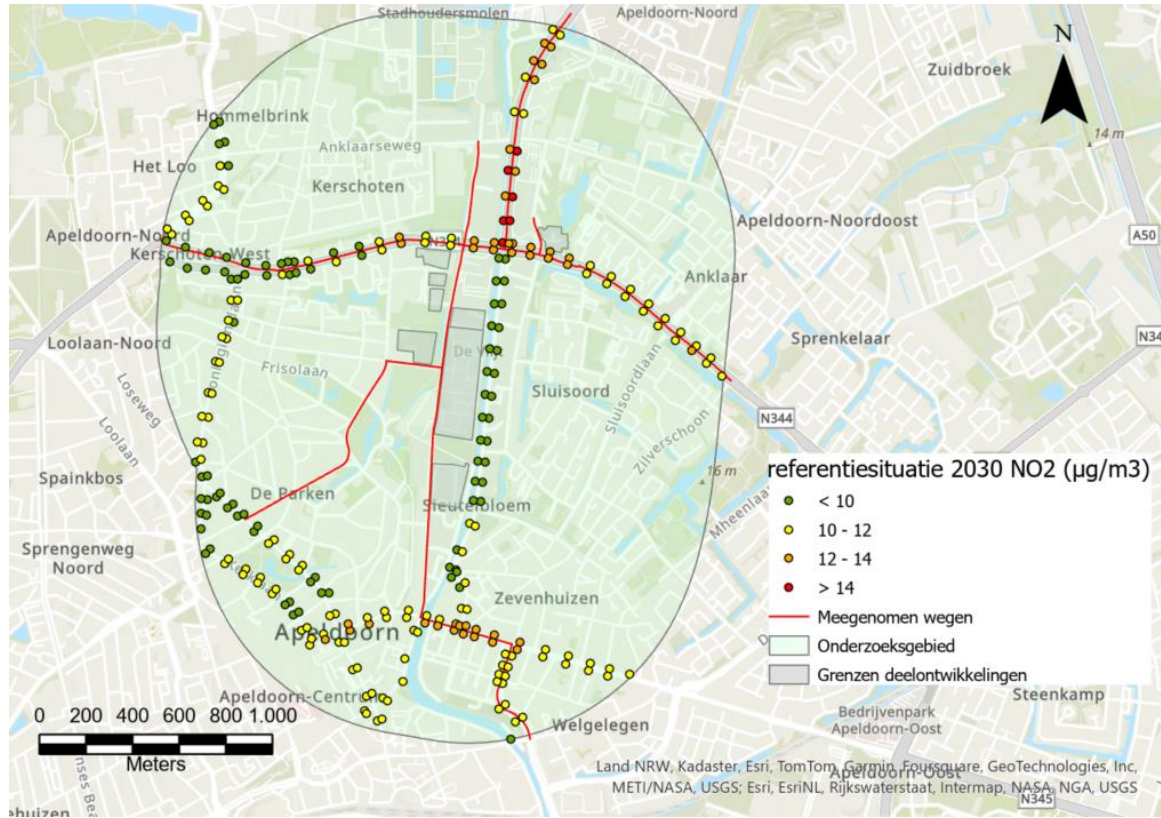
Afbeelding 4.3 PM2,5-concentraties in de huidige situatie, op basis van CIMLK-monitoringsronde 2024



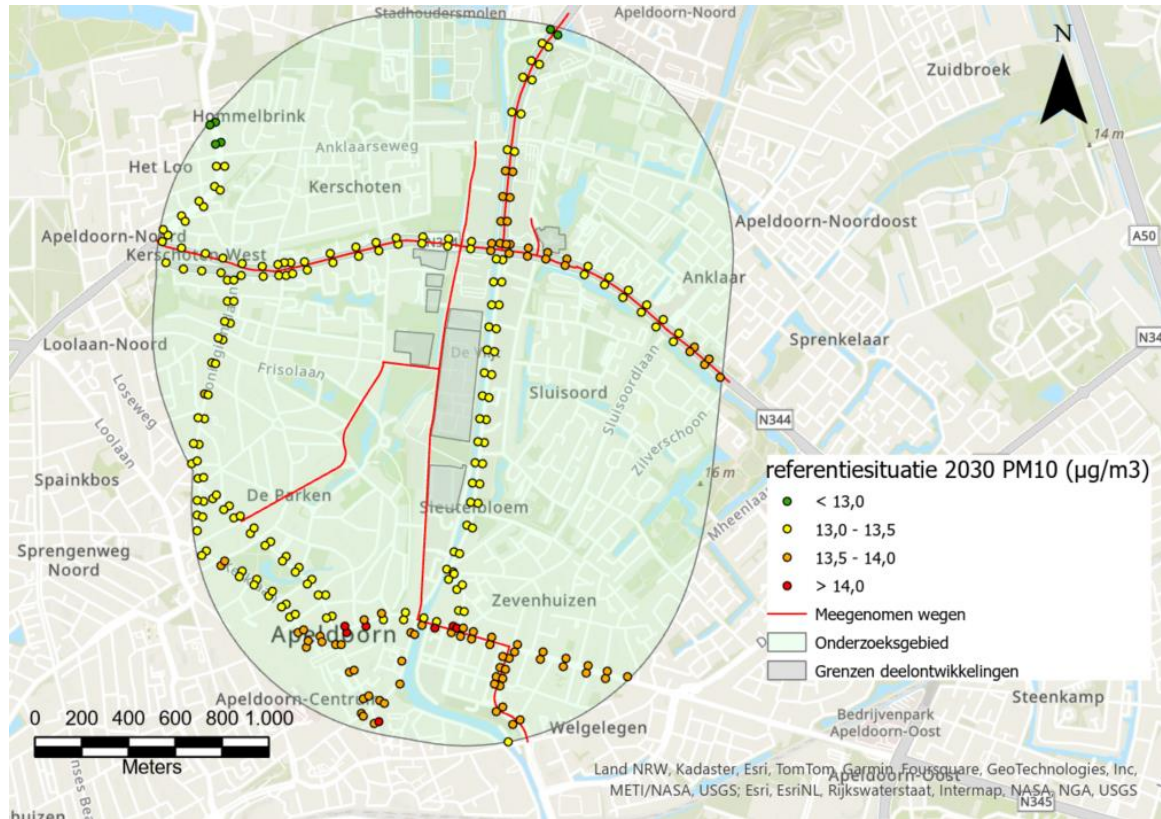
4.1 Referentiesituatie

De achtergrondconcentratie in Nederland is al lange tijd dalende en de verwachting is dat deze dalende trend doorzet. Dit komt voornamelijk door schoner verkeer, als gevolg van de elektrificatie van het wagenpark. In de CIMLK-monitoringstool monitoringsronde 2024 wordt ook de verwachte concentratie in 2030 bepaald. De maximale achtergrondconcentraties in 2030 zijn 14,4 µg/m³ voor NO₂, 14,3 µg/m³ voor PM10, en 7,2 µg/m³ voor PM2,5. De minimale achtergrondconcentraties zijn 8,8 µg/m³ voor NO₂, 12,8 µg/m³ voor PM10, en 6,5 µg/m³ voor PM2,5. De minimale en maximale concentraties zijn lager dan in de huidige situatie. Aan de streefwaarde van het WHO voor NO₂ wordt in de referentiesituatie op delen van het onderzoeksgebied voldaan. De concentraties in de referentiesituatie voor NO₂, PM10 en PM2,5 zijn weergegeven in afbeelding 4.4, 4.5 en 4.6.

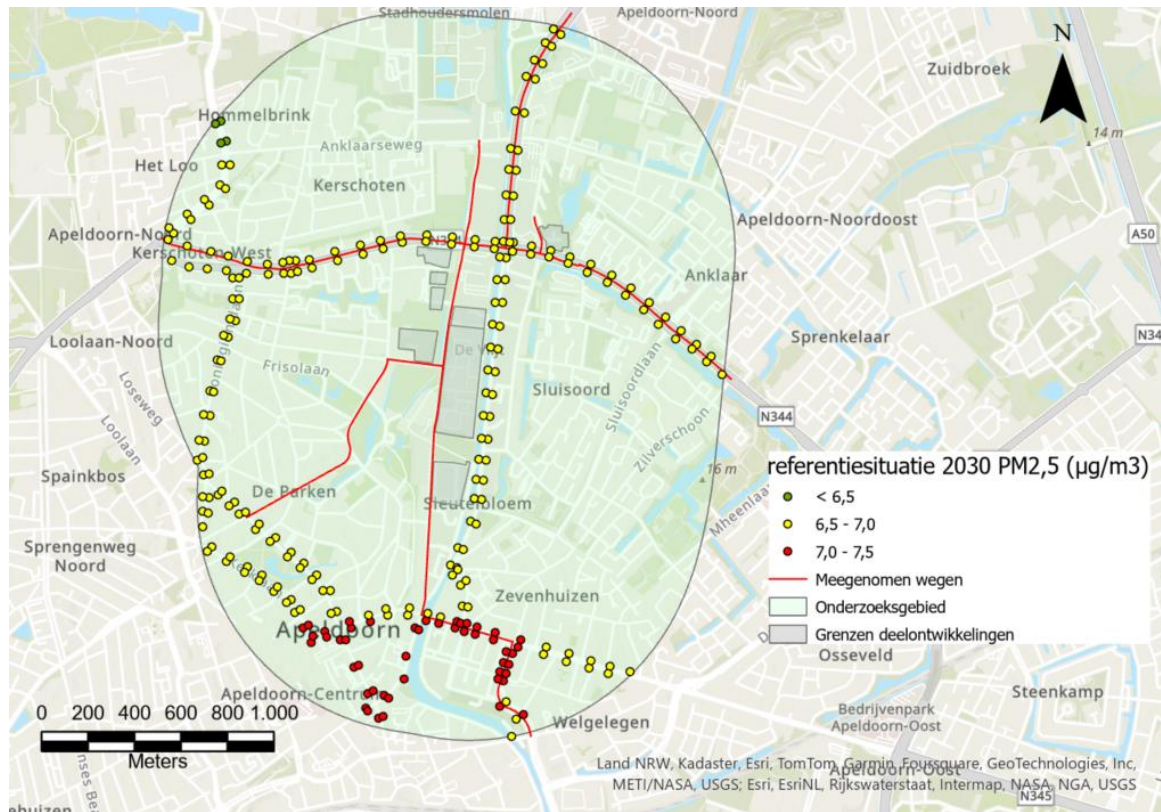
Afbeelding 4.4 NO₂-concentraties in 2030, op basis van CIMLK-monitoringsronde 2024



Afbeelding 4.5 PM₁₀-concentraties in 2030, op basis van CIMLK-monitoringsronde 2024



Afbeelding 4.6 PM2,5-concentraties in 2030, op basis van CIMLK-monitoringsronde 2024



In de referentiesituatie is de enige autonome ontwikkeling de realisatie van het zwembad, en de bijbehorende verkeersaantrekkende werking hiervan. Hierdoor zullen er circa 600 ritten per etmaal extra gaan optreden. Met behulp van de NIMB-tool is de worstcase bijdrage van deze extra verkeersbewegingen op de luchtkwaliteit berekend.

Afbeelding 4.7 NIMB-berekening zwembad

Worst-case berekening voor de bijdrage van het extra verkeer als gevolg van een plan op de luchtkwaliteit, GCN2023

Jaar van planrealisatie	2030
Extra verkeer als gevolg van het plan	
Extra voertuigbewegingen (weekdaggemiddelde)	600
Aandeel vrachtverkeer	0,0%
Maximale bijdrage extra verkeer	
NO ₂ in µg/m ³	0,12
PM ₁₀ in µg/m ³	0,05
Grens voor "Niet In Betekende Mate" in µg/m ³	1,2
Conclusie	
De bijdrage van het extra verkeer is niet-in-betekende-mate; geen nader onderzoek nodig	

Uit afbeelding 4.7 volgt dat de worstcase bijdrage van het extra wegverkeer van het zwembad minimaal is. De extra verkeersbewegingen lijden daarmee niet tot een toename van concentraties boven de grens voor 'Niet in Betekende Mate'. De realisatie van het zwembad heeft daarmee vrijwel geen invloed op de luchtkwaliteitsconcentraties.

Resultaten verspreidingsberekening referentiesituatie

Voor een goede vergelijking tussen de onderzoeksalternatieven en de referentiesituatie, is voor de referentiesituatie ook een modelberekening met GeoMilieu uitgevoerd. Hierin zijn de afgebakende verkeersintensiteiten vanuit het verkeersmodel ingevoerd, met daarnaast nog de stikstofemissie afkomstig van Fuite. Hoofdstuk 5 geeft een nadere toelichting op de gehanteerde uitgangspunten van deze bronnen.

Uit deze berekening volgen maximale concentraties (op minimaal 5 meter van een weg) van 12,4 $\mu\text{g}/\text{m}^3$ voor NO_2 , van 14,0 $\mu\text{g}/\text{m}^3$ voor PM10, en van 7,0 $\mu\text{g}/\text{m}^3$ voor PM2,5. Hierbij wordt opgemerkt dat Geomilieu een iets andere achtergrondconcentratie gebruikt dan CIMLK, maar dat de resultaten wel vergelijkbaar zijn. Alle resultaten op de gridpunten zijn opgenomen in bijlage V en VII.

5

EFFECTENBEOORDELING

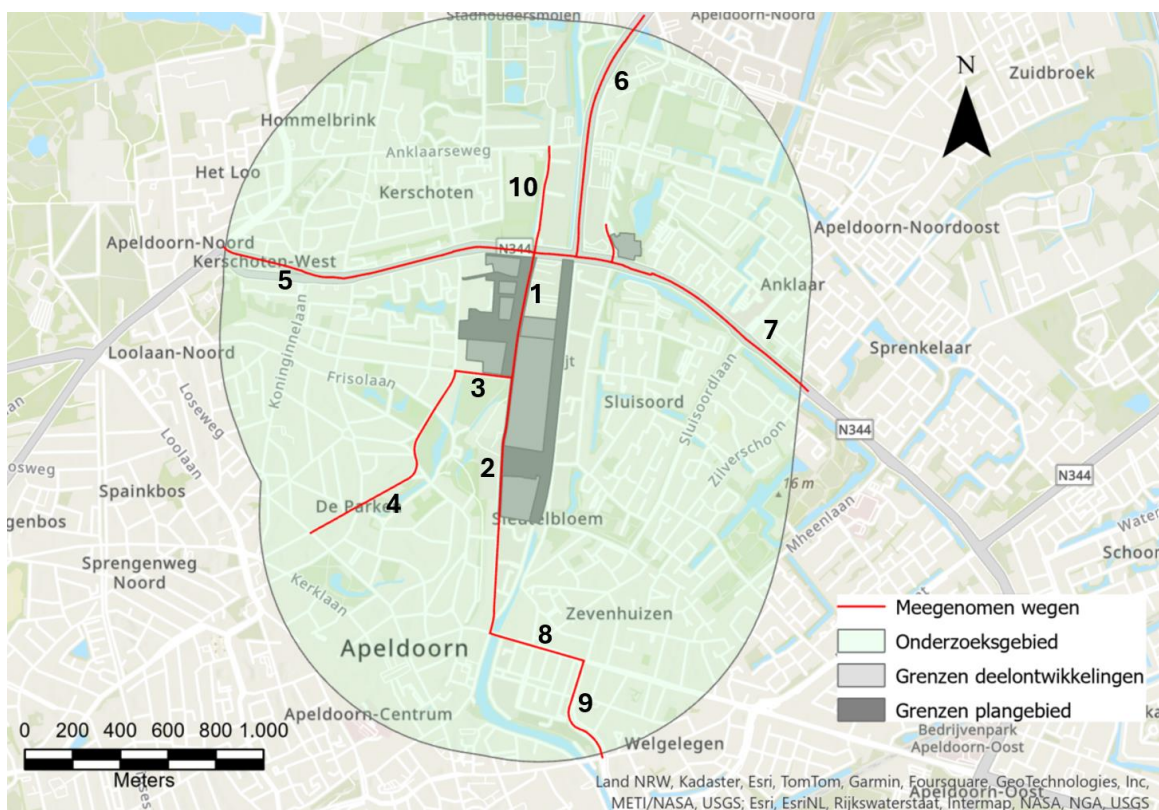
5.1 Aannames en uitgangspunten

In dit hoofdstuk worden de effecten van de onderzoeksalternatieven op de luchtkwaliteit vergeleken met de referentiesituatie, zoals beschreven aan het eind van hoofdstuk 4. Het basialternatief is voor luchtkwaliteit gelijk aan het groen/blauw alternatief en het energiealternatief. Het mobiliteitsalternatief heeft een andere verdeling van verkeer als gevolg van de knip in de Vlijtseweg. Uit het verkeersonderzoek blijkt echter dat het mobiliteitsalternatief slechts marginaal verschilt van het basialternatief, qua toename van verkeersintensiteiten. Daarom is gekozen om enkel het basialternatief door te rekenen, als onderzoeksalternatief met de grootste toename van de verkeersbewegingen.

Overzicht wegen basialternatief en referentiesituatie

De uitgangspunten uit hoofdstuk 3 leveren de volgende wegafbakening op:

Afbeelding 5.1 Resultaat wegafbakening



In tabel 5.1 zijn de intensiteiten weergegeven van de wegen die in afbeelding 5.1 zijn genummerd. Hierbij zijn de verkeersintensiteiten van beide rijrichtingen bij elkaar opgeteld.

Na iedere afslag veranderen de gemiddelde etmaalintensiteiten. De genummerde wegen geven daarom slechts een overzicht op de locaties van de nummers. De wegen 1, 2 en 3 geven een overzicht van het extra verkeer dat op de projectlocatie rijdt. De andere wegen zijn voornamelijk aanrijroutes van en naar de projectlocatie. Als gevolg van de nieuwe woningen rijdt er meer verkeer naar de projectlocatie. Dit is voornamelijk een toename van licht verkeer. Het aantal zware voertuigen op de projectlocatie neemt af, doordat er minder bedrijven op de projectlocatie zijn in de beoogde situatie. Er zijn geen wegen waarop de totale hoeveelheid verkeer daalt.

Tabel 5.1 Overzicht verkeersintensiteiten wegen basisalternatief in 2040 (mvt/etmaal)

Nr.	Licht verkeer			Middelzwaar vrachtverkeer			Zwaar vrachtverkeer		
	Plan	Ref	Plan-Ref	Plan	Ref	Plan-Ref	Plan	Ref	Plan-Ref
1	8.473	6.290	2.183	205	172	33	86	103	-17
2	3.054	2.499	555	78	75	3	26	28	-2
3	3.141	2.757	384	34	32	2	4	5	-1
4	1.230	1.105	125	15	14	1	1	1	0
5	4.942	4.824	118	89	84	5	27	27	0
6	13.910	13.709	201	863	856	7	483	487	-4
7	16.165	15.832	333	502	487	15	190	194	-4
8	14.081	13.762	319	632	631	1	96	98	-2
9	10.714	10.541	173	498	497	1	57	57	0
10	1545	1322	223	96	98	-2	57	62	-5

Bedrijven

Als gevolg van de gebiedsontwikkeling vertrekt de bakkerij Fuite. Dit betekent dat 409,5 kg NO_x/jaar afkomstig van de installaties niet meer wordt uitgestoten. Met de gebiedsontwikkeling gaan meer bedrijven vertrekken uit het onderzoeksgebied. Er is geen inventarisatie uitgevoerd naar de emissies afkomstig van deze bedrijven. In dit onderzoek is het effect van vertrekkende bedrijven op de luchtkwaliteit beperkt tot alleen het vertrek van bakkerij Fuite.

5.2 Effectbeoordeling per beoordelingscriterium

Effectbeschrijving

NO₂

Ter beoordeling van de luchtkwaliteit zijn de NO₂-concentraties op alle adrespunten binnen het onderzoeksgebied bepaald. De resultaten hiervan zijn opgenomen in onderstaande tabellen 5.2 en 5.3. Uit deze analyse blijkt een lichte toename van het aantal adrespunten in de concentratieklasse < 8,0 µg/m³ en de concentratieklasse '8,0 - 9,0 µg/m³ en een lichte afname van het adrespunten in de concentratieklasse 9,0 - 10,0 µg/m³, in de plansituatie ten opzichte van de referentiesituatie.

Tabel 5.2 Adrespunten binnen NO₂-concentratieklassen

Concentratieklasse (µg/m ³)	Referentiesituatie		Plansituatie		Vershil
	Aantal adrespunten	Aandeel totaal	Aantal adrespunten	Aandeel totaal	Aandeel
≤ 8,0	1.242	10,5 %	1.300	11,0 %	+ 0,5 %
8,0 - 9,0	6.654	56,0 %	6.671	56,2 %	+ 0,2 %
9,0 - 10,0	3.578	30,1 %	3.502	29,5 %	- 0,6 %
10,0 - 11,0	387	3,3 %	386	3,3 %	0,0 %
> 11,0	11	0,1 %	13	0,1 %	+ 0,1 %
Totaal	11.872	100 %	11.872	100 %	-

Er zijn geen adrespunten waar een verschil van de NO₂-concentratie van 0,4 µg/m³ of meer wordt berekend. De grootste toename is 0,25 µg/m³. Op basis van het beoordelingskader blijft de luchtkwaliteit in de situatie gelijk. Uit tabel 5.2 blijkt dat de luchtkwaliteit licht verbeterd (voornamelijk als gevolg van het vertrekken van Fuite), maar dat meer gevoelige objecten in een lager concentratieklasse komen, maar de verschillen zijn te gering om een significante verbetering te kunnen constateren.

PM10

Tabel 5.3 Adrespunten binnen PM10-concentratieklassen

Concentratieklasse (µg/m ³)	Referentiesituatie		Plansituatie		Vershil
	Aantal adrespunten	Aandeel totaal	Aantal adrespunten	Aandeel totaal	Aandeel
12-13	4.863	41,0 %	4.864	41,0 %	0,0 %
13-14	7.009	59,0 %	7.008	59,0 %	0,0 %
Totaal	11.872	100 %	11.872	100 %	-

Er zijn geen adrespunten waar een verschil van de PM10-concentratie van 0,4 µg/m³ wordt berekend. De grootste toename is 0,10 µg/m³. Op basis van het beoordelingskader blijft de luchtkwaliteit in de situatie gelijk. Uit tabel 5.3 blijkt dat slechts één gevoelige object verandert van concentratieklasse. Voor NO₂ was de minimale daling vooral te verklaren door het vertrek van Fuite. De stookinstallatie van Fuite heeft echter alleen invloed op NO₂, maar niet op PM10, waardoor er geen vergelijkbare daling voor PM10 wordt waargenomen.

PM2.5

Tabel 5.4 Adrespunten binnen PM2.5-concentratieklassen

Concentratieklasse (µg/m ³)	Referentiesituatie		Plansituatie		Vershil
	Aantal adrespunten	Aandeel totaal	Aantal adrespunten	Aandeel totaal	Aandeel
6-7	11.867	100,0 %	11.867	100,0 %	0,0 %
7-8	5	0,0 %	5	0,0 %	0,0 %
Totaal	11.872	100 %	11.872	100 %	-

Er zijn geen adrespunten waar een verschil van de PM2.5-concentratie van 0,4 µg/m³ wordt berekend. De grootste toename is 0,03 µg/m³. Op basis van het beoordelingskader blijft de luchtkwaliteit in de situatie gelijk. Uit tabel 5.4 blijkt dat geen van de gevoelige objecten verandert van concentratieklasse.

Effectbeoordeling

Voor alle stoffen geldt dat er geen sprake is van een concentratieverandering van 0,4 µg/m³ of meer, wat betekent dat voor het basisalternatief, en daarmee het groen/blauwalternatief en energiealternatief het effect van de gebiedsontwikkeling op de luchtkwaliteit neutraal is.

Voor het mobiliteitsalternatief geldt dat de grootste toename van de verkeersintensiteiten 2.239 mvt/etmaal is. Dit is 80 mvt/etmaal minder dan op wegvak 1 van het basisalternatief, waar een toename van 0,25 µg/m³ van NO₂, 0,08 µg/m³ PM10 en 0,03 µg/m³ PM2.5 is berekend. Daarmee kan geconcludeerd worden dat er geen wezenlijke andere effecten in het mobiliteitsalternatief optreden dan is berekend voor het basisalternatief. Het mobiliteitsalternatief scoort daarmee ook neutraal.

Tabel 5.5 Beoordelingsschaal luchtkwaliteit (zonder inzet van mitigerende maatregelen)

Beoordelingscriterium	Alternatieven			
	Basis	Mobiliteit	Groen/blauw	Energie
Luchtkwaliteit	0	0	0	0

5.2.1 Effect behoud Fuite op de luchtkwaliteit

Op het moment van schrijven is nog geen besluit genomen over het vertrek van Fuite. In de onderzoeksalternatieven is aangenomen dat Fuite (tijdig) vertrekt. Om ook een beeld te krijgen van de luchtkwaliteit als Fuite behouden blijft, is een aanvullende berekening uitgevoerd. Hierbij is aangesloten bij het stikstofdepositieonderzoek en het uitgevoerde milieuonderzoek naar de huidige situatie van Fuite¹. De meegenomen stookinstallaties uit de referentiesituatie is dan ook aan het onderzoeksalternatief toegevoegd.

Het wegverkeer van Fuite is in de referentiesituatie in het model verwerkt (hoeveel vrachtwagens er voor Fuite specifiek rijden is niet te achterhalen aan de hand van het verkeersmodel). Volgens de vergunning zijn er echter 136 personenautobewegingen en 104 zware vrachtwagenbewegingen. In de referentiesituatie rijden er echter ook 104 vrachtwagens per dag. Hieruit volgt dat de bewegingen van Fuite onderschat worden aangezien er meer bedrijven zijn met bewegingen van zware vrachtwagens op de Vlijtseweg. De afname van 32 zware vrachtwagens per dag is ook te weinig om alleen Fuite te verklaren, laat staan ook de andere bedrijven. Aan de andere kant is de vergunde situatie van Fuite ook een overschatting van wat er daadwerkelijk rijdt. Om Fuite voldoende mee te nemen zijn de vergunde voertuigen qua bewegingen en stationair draaien meegenomen in de alternatieven met Fuite. Deze zijn ook toegevoegd aan de referentiesituatie met Fuite, omdat deze bewegingen onvoldoende zijn meegenomen in het verkeersmodel. Uit het milieuonderzoek blijkt dat er door Fuite 4.745 uur stationair wordt gedraaid. Het stationair draaien is gemodelleerd aan de hand van de meest recente kentallen² voor 2030 (85,2 g NO_x/uur, 1,7 g PM10/uur en 0,8 g PM2,5/uur).

Effectenbeschrijving behoud Fuite

De maximale berekende toename in het basisalternatief met behoud van Fuite is voor NO₂ 0,25 µg/m³, voor PM10 0,08 µg/m³ en voor PM2,5 0,03 µg/m³. Dit is vergelijkbaar met de maximale toenames bij een vertrek van Fuite. Dat komt doordat het punt aan de noordkant van het plangebied waar de grootste toename van wegverkeer als gevolg van de gebiedsontwikkeling niet is verandert. Het behoud van Fuite in de gebiedsontwikkeling heeft daarmee geen ander effect dan een vertrek van Fuite.

¹ NRD en MER Kanaalzone Apeldoorn, Milieuonderzoek Fuite, 9 oktober 2024, kenmerk: 136305/24-014.519.

² TNO 2024 emissiefactoren wegen, TNO, 13 maart 2024.

Beoordeling

Voor alle stoffen geldt dat er geen sprake is van een concentratieverandering van 0,4 µg/m³ of meer, wat betekent dat voor alle onderzoeksalternatieven geldt dat het effect van de gebiedsontwikkeling op de luchtkwaliteit bij een behoud van Fuite neutraal is.

Tabel 5.6 Beoordelingsschaal Luchtkwaliteit met behoud Fuite (zonder inzet van mitigerende maatregelen)

Beoordelingscriterium	Alternatieven			
	Basis	Mobiliteit	Groen/blauw	Energie
Situatie met Fuite	0	0	0	0

5.3 Effecten op nieuwbouw en juridische haalbaarheid

In de onderzoeksalternatieven wordt ook een nieuwbouwprogramma toegevoegd aan het gebied. Voor het toetsen van de juridische haalbaarheid hiervan wordt getoetst aan de grenswaarden. In tabel 5.7 worden de maximale concentraties (met een afstand van minimaal 5 meter tot een emissiebron) per situatie gegeven met de jaargemiddelde grens- en streefwaarden. Voor PM10 is de grenswaarde voor de 24-uurgemiddelde concentratie maatgevend. Deze grenswaarde blijkt in de praktijk equivalent aan een jaargemiddelde PM10 concentratie van 32,5 µg/m³.

Tabel 5.7 Maximale concentraties berekend per situatie afgezet tegen de jaargemiddelde grenswaarde

Situatie	NO ₂ (µg/m ³)	PM10 (µg/m ³)	PM2,5 (µg/m ³)
Maatgevende Rijksomgevingswaarden.	40	32,5	25
EU-grenswaarde 2030.	20	20	10
WHO-waarden.	10	15	5
Referentiesituatie 2030.	13,5	14,0	7,0
Basisalternatief 2030 (vertrek Fuite).	12,4	13,5	7,0
Basisalternatief 2030 (behoud Fuite).	13,5	14,1	7,0

Uit tabel 5.7 blijkt dat de rijksomgevingswaarden en de nieuwe EU-grenswaarden niet worden overschreden. Hiermee voldoet de gebiedsontwikkeling in het basisalternatief aan de wettelijke normen, en is daarmee juridisch haalbaar. De WHO-advieswaarden voor NO₂ (op delen van het onderzoeksgebied) en PM2,5 (in het gehele onderzoeksgebied) worden wel overschreden. Dezelfde conclusies kunnen ook worden getrokken voor de andere alternatieven. Het groen/blauwalternatief en het energiealternatief hebben gelijke uitgangspunten die relevant zijn voor het thema luchtkwaliteit, en zijn daarmee gelijk aan het basisalternatief. Het mobiliteitsalternatief leidt weliswaar tot (iets) andere verkeersintensiteiten en verkeersstromen dan in de overige onderzoeksalternatieven, maar deze verschillen zijn klein en leiden slechts tot marginale effecten op de luchtkwaliteit. Het mobiliteitsalternatief voldoet ook daarmee aan de luchtkwaliteitsnormen. Alle resultaten op de gridpunten voor het basisalternatief en de referentiesituatie zijn opgenomen in bijlage V, VI, VII en VIII.

6

OVERZICHT VAN EFFECTEN

6.1 Samenvatting van de effecten

Tabel 6.1 Beoordeling van de effecten op thema Luchtkwaliteit (zonder inzet van mitigerende maatregelen)

Beoordelingscriterium	Alternatieven			
	Basis	Mobiliteit	Groen/blauw	Energie
Luchtkwaliteit (NO ₂ , PM10 en PM2,5)	0	0	0	0

In ieder onderzoeksalternatief is het effect van de gebiedsontwikkeling op de luchtkwaliteit minimaal. Voor het basisalternatief is een maximale toename berekend van 0,25 µg/m³ voor NO₂, 0,10 µg/m³ voor PM10 en 0,03 µg/m³ voor PM2,5. De maximale toenames van de NO₂ en PM10 concentraties zijn ongeveer een kwart van wat wordt aangemerkt tot de grens van wat als 'niet in betekende mate' kan worden aangemerkt (een toename van 1,2 µg/m³ voor NO₂ en 0,4 µg/m³ voor PM10).

6.2 Keuzes, kansen en aandachtspunten

Er is geen sprake van keuze, kansen en aandachtspunten wat betreft luchtkwaliteit. De rijksomgevingswaarden en de nieuwe EU-richtlijnen worden niet overschreden ongeacht welke keuzes in het project worden gemaakt. Er treden geen effecten op de luchtkwaliteit op ten opzichte van de referentiesituatie, en er is ook nauwelijks sprake van onderscheid tussen de alternatieven. De WHO-normen die niet worden gehaald, kunnen niet worden gehaald door andere keuzes te maken in het project.

7

DISCUSSIES EN AANBEVELINGEN

7.1 Leemten in kennis en onzekerheden

Er zijn verschillende onzekerheden wat betreft luchtkwaliteit. Het is onbekend of er nog meer bedrijven vertrekken die in het bezit zijn van stookinstallaties op aardgas. Als dit het geval is kan de luchtkwaliteit nog verder verbeteren. De werkelijke emissies van Fuite zijn ook nog onzeker, doordat de vergunning de impact van Fuite vermoedelijk overschat en het verkeersmodel de impact van Fuite onderschat. De berekende maximale toename van het effect is vermoedelijk een overschatting. De luchtkwaliteit is doorgerekend op een grid, omdat er te veel gevoelige objecten in het onderzoeksgebied liggen om door te rekenen. Sommige gridpunten liggen dicht bij de emissiebronnen dan dat woningen kunnen liggen. In de praktijk zal de maximale toename dus nog geringer uitvallen. Ook is onzeker hoe de achtergrondconcentratie tussen 2025 en 2030 zal veranderen. Deze onzekerheden zullen de conclusie echter niet doen veranderen.

7.2 Monitoring en evaluatie

Uit de conclusie blijkt dat de impact van de gebiedsontwikkeling niet groot genoeg is om uitgebreide monitoringsacties te verantwoorden. Wel zijn er landelijke monitoringsacties. Het CIMLK doet elk jaar een monitoringsactie, die dicht in de buurt van de projectlocatie komt.

Bijlage(n)

BIJLAGE: JOURNAALBESTANDEN PLANSITUATIE

applicatie	computerprogramma	STACKS+ V2024.2
	release datum	Release 2024-09-16
	versie PreSRM tool	24.010
datum berekening	starttijd berekening (datum/tijd)	24-2-2025 16:18
receptorpunten (rijksdriehoek)	totaal aantal receptorpunten	9
	meest westelijke punt (X-coord.)	194843
	meest oostelijke punt (X-coord.)	195065
	meest zuidelijke punt (Y-coord.)	470917
	meest noordelijke punt (Y-coord.)	471580
	receptorhoogte (m)	1.50
meteorologie	meteo-dataset	uit PreSRM
	begindatum en tijdstip	2005 1 1 1
	einddatum en tijdstip	2014 12 31 24
	X-coördinaat (m)	194928
	Y-coördinaat (m)	471055
	monte-carlo percentage (%)	100.0
terreinruwheid	ruwheidslengte (m)	0.72
	bron ruwheidslengte PreSRM (ja/nee)	ja
	ruwheidslengte bepaald in gebied	
	X-coord. links onder	192000
	Y-coord. links onder	468000
	X-coord. rechts boven	198000
	Y-coord. rechts boven	474000
stofgegevens	component	NO2
	toetsjaar	2030
	ozon correctie (ja/nee)	ja
	percentielen berekend (ja/nee)	nee
	middelingstijd percentielen (uur)	n.v.t.
	depositie berekend	nee
	eigen achtergrondconcentratie gebruikt	nee
bronnen	aantal bronnen	91
wegverkeer	Werk- of weekdag VI	weekdag
	weekendfac.zat.LV	0.870
	weekendfac.zat.MV	0.520
	weekendfac.zat.ZV	0.330
	weekendfac.zon.LV	0.840
	weekendfac.zon.MV	0.340
	weekendfac.zon.ZV	0.160
zeezoutcorrectie (voor PM10)	concentratie (ug/m3)	n.v.t.
	overschrijdingsdagen	n.v.t.

bronnummer	bronnaam	Wegtype	Snelheid [km/u]	Wegbreedte [m]	X begin [m]	Y begin [m]	X eind [m]	Y eind [m]
1	1, [Weg 10755] "" segment[1/6]	normaal	22	5.00	194479.6	470670.2	194489.5	470677.2
2	2, [Weg 10755] "" segment[2/6]	normaal	22	5.00	194489.5	470677.2	194499.9	470688.7
3	3, [Weg 10755] "" segment[3/6]	normaal	22	5.00	194499.9	470688.7	194506.2	470699.8
4	4, [Weg 10755] "" segment[4/6]	normaal	22	5.00	194506.2	470699.8	194513.1	470724.2
5	5, [Weg 10755] "" segment[5/6]	normaal	22	5.00	194513.1	470724.2	194513.3	470736.9
6	6, [Weg 10755] "" segment[6/6]	normaal	22	5.00	194510.6	470750.3	194513.3	470736.9
7	7, [Weg 10756] "" segment[1/1]	normaal	22	5.00	194274.7	470556.8	194479.6	470670.2
8	8, [Weg 10757] "" segment[1/1]	normaal	22	5.00	194113.1	470467.0	194211.0	470521.6
9	9, [Weg 10758] "" segment[1/1]	normaal	22	5.00	194211.0	470521.6	194274.7	470556.8
10	10, [Weg 10759] "" segment[1/3]	normaal	22	5.00	194531.6	470866.1	194661.1	471075.1
11	11, [Weg 10759] "" segment[2/3]	normaal	22	5.00	194661.1	471075.1	194672.1	471104.5
12	12, [Weg 10759] "" segment[3/3]	normaal	22	5.00	194672.1	471104.5	194674.1	471121.3
13	13, [Weg 10760] "" segment[1/1]	normaal	22	5.00	194503.4	470790.4	194510.6	470750.3
14	14, [Weg 10761] "" segment[1/2]	normaal	22	5.00	194503.4	470790.4	194509.8	470826.2
15	15, [Weg 10761] "" segment[2/2]	normaal	22	5.00	194509.8	470826.2	194531.6	470866.1
16	16, [Weg 10762] "" segment[1/1]	normaal	22	5.00	195305.8	471732.7	195336.4	471630.1
17	17, [Weg 10763] "" segment[1/1]	normaal	22	5.00	194874.1	470809.1	194882.6	470857.6
18	18, [Weg 10764] "" segment[1/2]	normaal	22	5.00	194868.9	470713.3	194874.1	470809.1
19	19, [Weg 10764] "" segment[2/2]	normaal	22	5.00	194853.4	470420.1	194868.9	470713.3
20	20, [Weg 10765] "" segment[1/1]	normaal	22	5.00	194845.2	470272.1	194853.4	470420.1
21	21, [Weg 10766] "" segment[1/1]	normaal	22	5.00	194773.1	471108.7	194912.9	471092.2
22	22, [Weg 10767] "" segment[1/1]	normaal	22	5.00	194674.1	471121.3	194773.1	471108.7
23	23, [Weg 10768] "" segment[1/1]	normaal	22	5.00	194835.9	470092.8	194845.2	470272.1
24	24, [Weg 10769] "" segment[1/1]	normaal	22	5.00	194832.9	470074.8	194835.9	470092.8
25	25, [Weg 10770] "" segment[1/1]	normaal	37	5.00	195018.4	471681.8	195041.0	471833.3
26	26, [Weg 10771] "" segment[1/1]	normaal	37	5.00	195041.0	471833.3	195067.8	472060.5

27	27, [Weg 10772] "" segment[1/1]	normaal	37	5.00	194882. 6	470857. 6	194912. 9	471092. 2
28	28, [Weg 10773] "" segment[1/2]	normaal	37	5.00	194949. 6	471341. 7	194953. 3	471360. 8
29	29, [Weg 10773] "" segment[2/2]	normaal	37	5.00	194912. 9	471092. 2	194949. 6	471341. 7
30	30, [Weg 10774] "" segment[1/1]	normaal	37	5.00	194953. 3	471360. 8	194976. 6	471477. 9
31	31, [Weg 10775] "" segment[1/1]	normaal	37	5.00	194976. 6	471477. 9	194996. 4	471569. 8
32	32, [Weg 10776] "" segment[1/1]	normaal	80	7.00	195408. 4	472534. 5	195464. 8	472608. 8
33	33, [Weg 10777] "" segment[1/1]	normaal	80	7.00	195392. 4	472511. 4	195408. 4	472534. 5
34	34, [Weg 10778] "" segment[1/1]	normaal	60	5.00	195387. 2	472503. 6	195392. 4	472511. 4
35	35, [Weg 10779] "" segment[1/6]	normaal	37	5.00	195178. 7	469627. 3	195224. 0	469607. 2
36	36, [Weg 10779] "" segment[2/6]	normaal	37	5.00	195163. 6	469641. 5	195178. 7	469627. 3
37	37, [Weg 10779] "" segment[3/6]	normaal	37	5.00	195154. 8	469657. 2	195163. 6	469641. 5
38	38, [Weg 10779] "" segment[4/6]	normaal	37	5.00	195150. 3	469672. 0	195154. 8	469657. 2
39	39, [Weg 10779] "" segment[5/6]	normaal	37	5.00	195148. 6	469689. 9	195150. 3	469672. 0
40	40, [Weg 10779] "" segment[6/6]	normaal	37	5.00	195148. 6	469689. 9	195191. 6	469836. 8
41	41, [Weg 10780] "" segment[1/3]	normaal	37	5.00	195224. 0	469607. 2	195266. 6	469564. 8
42	42, [Weg 10780] "" segment[2/3]	normaal	37	5.00	195266. 6	469564. 8	195281. 6	469537. 0
43	43, [Weg 10780] "" segment[3/3]	normaal	37	5.00	195281. 6	469537. 0	195290. 6	469500. 8
44	44, [Weg 10781] "" segment[1/1]	normaal	37	5.00	195191. 6	469836. 8	195212. 9	469906. 1
45	45, [Weg 10782] "" segment[1/2]	normaal	37	5.00	195203. 6	471863. 0	195224. 7	472068. 6
46	46, [Weg 10782] "" segment[2/2]	normaal	37	5.00	195180. 5	471598. 7	195203. 6	471863. 0
47	47, [Weg 10783] "" segment[1/1]	normaal	37	5.00	195224. 7	472068. 6	195263. 8	472274. 0
48	48, [Weg 10784] "" segment[1/2]	normaal	37	5.00	195380. 8	472496. 3	195387. 2	472503. 6
49	49, [Weg 10784] "" segment[2/2]	normaal	37	5.00	195263. 8	472274. 0	195380. 8	472496. 3
50	50, [Weg 10785] "APELDOORNSEBRUG" segment[1/1]	normaal	37	5.00	194819. 8	470021. 6	194873. 0	470004. 3
51	51, [Weg 10786] "Deventerstraat" segment[1/1]	normaal	37	5.00	194873. 0	470004. 3	194887. 7	470000. 0
52	52, [Weg 10787] "Deventerstraat" segment[1/1]	normaal	37	5.00	194887. 7	470000. 0	194998. 5	469968. 3
53	53, [Weg 10788] "Deventerstraat" segment[1/1]	normaal	37	5.00	194998. 5	469968. 3	195013. 8	469963. 7

54	54, [Weg 10789] "Deventerstraat" segment[1/1]	normaal	37	5.00	195013. 8	469963. 7	195176. 8	469916. 7
55	55, [Weg 10790] "Deventerstraat" segment[1/1]	normaal	37	5.00	195176. 8	469916. 7	195212. 9	469906. 1
56	56, [Weg 10791] "Edisonlaan" segment[1/1]	normaal	37	5.00	195006. 1	471615. 8	195018. 4	471681. 8
57	57, [Weg 10792] "Edisonlaan" segment[1/1]	normaal	37	5.00	194021. 3	471543. 3	194030. 5	471540. 6
58	58, [Weg 10793] "Edisonlaan" segment[1/2]	normaal	37	5.00	194121. 6	471514. 2	194207. 0	471508. 4
59	59, [Weg 10793] "Edisonlaan" segment[2/2]	normaal	37	5.00	194030. 5	471540. 6	194121. 6	471514. 2
60	60, [Weg 10794] "Edisonlaan" segment[1/1]	normaal	37	5.00	194996. 4	471569. 8	195006. 1	471615. 8
61	61, [Weg 10795] "Edisonlaan" segment[1/2]	normaal	37	5.00	194342. 3	471535. 0	194351. 6	471537. 4
62	62, [Weg 10795] "Edisonlaan" segment[2/2]	normaal	37	5.00	194351. 6	471537. 4	194619. 7	471605. 8
63	63, [Weg 10796] "Edisonlaan" segment[1/1]	normaal	37	5.00	194619. 7	471605. 8	194682. 1	471624. 7
64	64, [Weg 10797] "Edisonlaan" segment[1/1]	normaal	37	5.00	194207. 0	471508. 4	194244. 6	471514. 6
65	65, [Weg 10798] "Edisonlaan" segment[1/1]	normaal	37	5.00	194244. 6	471514. 6	194342. 3	471535. 0
66	66, [Weg 10799] "Edisonlaan" segment[1/1]	normaal	37	5.00	194784. 0	471639. 8	194905. 6	471629. 1
67	67, [Weg 10800] "Edisonlaan" segment[1/2]	normaal	37	5.00	194682. 1	471624. 7	194776. 6	471640. 5
68	68, [Weg 10800] "Edisonlaan" segment[2/2]	normaal	37	5.00	194776. 6	471640. 5	194784. 0	471639. 8
69	69, [Weg 10801] "Edisonlaan" segment[1/1]	normaal	37	5.00	194905. 6	471629. 1	195006. 1	471615. 8
70	70, [Weg 10802] "Edisonlaan" segment[1/1]	normaal	37	5.00	195006. 1	471615. 8	195142. 5	471604. 2
71	71, [Weg 10803] "Edisonlaan" segment[1/1]	normaal	37	5.00	195142. 5	471604. 2	195161. 6	471602. 3
72	72, [Weg 10804] "Kanaal Noord" segment[1/1]	normaal	22	5.00	194819. 8	470021. 6	194832. 9	470074. 8
73	73, [Weg 10805] "Kanaal Noord" segment[1/1]	normaal	37	5.00	195161. 6	471602. 3	195180. 5	471598. 7
74	74, [Weg 10806] "Laan van Zevenhuizen" segment[1/2]	normaal	22	5.00	195329. 7	471575. 7	195337. 6	471621. 0
75	75, [Weg 10806] "Laan van Zevenhuizen" segment[2/2]	normaal	22	5.00	195336. 4	471630. 1	195337. 6	471621. 0
76	76, [Weg 10807] "Laan van Zevenhuizen" segment[1/2]	normaal	37	5.00	195889. 8	471255. 6	195959. 5	471202. 2
77	77, [Weg 10807] "Laan van Zevenhuizen" segment[2/2]	normaal	37	5.00	195959. 5	471202. 2	196151. 4	471036. 7
78	78, [Weg 10808] "Laan van Zevenhuizen" segment[1/2]	normaal	37	5.00	195500. 4	471528. 2	195656. 3	471448. 6
79	79, [Weg 10808] "Laan van Zevenhuizen" segment[2/2]	normaal	37	5.00	195656. 3	471448. 6	195848. 1	471295. 4
80	80, [Weg 10809] "Laan van Zevenhuizen" segment[1/1]	normaal	37	5.00	195848. 1	471295. 4	195889. 8	471255. 6

81	81, [Weg 10810] "Laan van Zevenhuizen" segment[1/4]	normaal	37	5.00	195497. 2	471525. 4	195500. 4	471528. 2
82	82, [Weg 10810] "Laan van Zevenhuizen" segment[2/4]	normaal	37	5.00	195495. 5	471524. 4	195497. 2	471525. 4
83	83, [Weg 10810] "Laan van Zevenhuizen" segment[3/4]	normaal	37	5.00	195492. 8	471524. 1	195495. 5	471524. 4
84	84, [Weg 10810] "Laan van Zevenhuizen" segment[4/4]	normaal	37	5.00	195414. 6	471547. 1	195492. 8	471524. 1
85	85, [Weg 10811] "Laan van Zevenhuizen" segment[1/1]	normaal	37	5.00	195329. 7	471575. 7	195414. 6	471547. 1
86	86, [Weg 10812] "Laan van Zevenhuizen" segment[1/1]	normaal	37	5.00	195180. 5	471598. 7	195329. 7	471575. 7
87	87, [Weg 10813] "Reeenlaan" segment[1/3]	normaal	37	5.00	193705. 0	471639. 8	193718. 9	471626. 8
88	88, [Weg 10813] "Reeenlaan" segment[2/3]	normaal	37	5.00	193718. 9	471626. 8	193735. 5	471617. 6
89	89, [Weg 10813] "Reeenlaan" segment[3/3]	normaal	37	5.00	193735. 5	471617. 6	193873. 6	471582. 5
90	90, [Weg 10814] "Reeenlaan" segment[1/1]	normaal	37	5.00	193873. 6	471582. 5	194021. 3	471543. 3
91	91, [Weg 10815] "Regentesselaan" segment[1/1]	normaal	22	5.00	194068. 8	470441. 6	194113. 1	470467. 0

bronnnummer	bronnaam	weglengthe [m]	Weghogte [m]	Schermhogte [m]	Canyon breedte [m]	Gebouwhoogte rechts [m]	Gebouwhoogte links [m]	Ventilatie factor	Bomenfactor
1	1, [Weg 10755] "" segment[1/6]	12.2	0.0	0.0	0.0	0.0	0.0	0.000	1.00
2	2, [Weg 10755] "" segment[2/6]	15.4	0.0	0.0	0.0	0.0	0.0	0.000	1.00
3	3, [Weg 10755] "" segment[3/6]	12.7	0.0	0.0	0.0	0.0	0.0	0.000	1.00
4	4, [Weg 10755] "" segment[4/6]	25.4	0.0	0.0	0.0	0.0	0.0	0.000	1.00
5	5, [Weg 10755] "" segment[5/6]	12.8	0.0	0.0	0.0	0.0	0.0	0.000	1.00
6	6, [Weg 10755] "" segment[6/6]	13.6	0.0	0.0	0.0	0.0	0.0	0.000	1.00
7	7, [Weg 10756] "" segment[1/1]	234.2	0.0	0.0	0.0	0.0	0.0	0.000	1.00
8	8, [Weg 10757] "" segment[1/1]	112.1	0.0	0.0	0.0	0.0	0.0	0.000	1.00
9	9, [Weg 10758] "" segment[1/1]	72.8	0.0	0.0	0.0	0.0	0.0	0.000	1.00
10	10, [Weg 10759] "" segment[1/3]	245.9	0.0	0.0	0.0	0.0	0.0	0.000	1.00
11	11, [Weg 10759] "" segment[2/3]	31.4	0.0	0.0	0.0	0.0	0.0	0.000	1.00
12	12, [Weg 10759] "" segment[3/3]	16.9	0.0	0.0	0.0	0.0	0.0	0.000	1.00
13	13, [Weg 10760] "" segment[1/1]	40.8	0.0	0.0	0.0	0.0	0.0	0.000	1.00

14	14, [Weg 10761] "" segment[1/2]	36.4	0.0	0.0	0.0	0.0	0.0	0.000	1.00
15	15, [Weg 10761] "" segment[2/2]	45.4	0.0	0.0	0.0	0.0	0.0	0.000	1.00
16	16, [Weg 10762] "" segment[1/1]	107.0	0.0	0.0	0.0	0.0	0.0	0.000	1.00
17	17, [Weg 10763] "" segment[1/1]	49.2	0.0	0.0	0.0	0.0	0.0	0.000	1.00
18	18, [Weg 10764] "" segment[1/2]	95.9	0.0	0.0	0.0	0.0	0.0	0.000	1.00
19	19, [Weg 10764] "" segment[2/2]	293.6	0.0	0.0	0.0	0.0	0.0	0.000	1.00
20	20, [Weg 10765] "" segment[1/1]	148.3	0.0	0.0	0.0	0.0	0.0	0.000	1.00
21	21, [Weg 10766] "" segment[1/1]	140.8	0.0	0.0	0.0	0.0	0.0	0.000	1.00
22	22, [Weg 10767] "" segment[1/1]	99.8	0.0	0.0	0.0	0.0	0.0	0.000	1.00
23	23, [Weg 10768] "" segment[1/1]	179.5	0.0	0.0	0.0	0.0	0.0	0.000	1.00
24	24, [Weg 10769] "" segment[1/1]	18.3	0.0	0.0	0.0	0.0	0.0	0.000	1.00
25	25, [Weg 10770] "" segment[1/1]	153.2	0.0	0.0	0.0	0.0	0.0	0.000	1.00
26	26, [Weg 10771] "" segment[1/1]	228.8	0.0	0.0	0.0	0.0	0.0	0.000	1.00
27	27, [Weg 10772] "" segment[1/1]	236.5	0.0	0.0	0.0	0.0	0.0	0.000	1.00
28	28, [Weg 10773] "" segment[1/2]	19.4	0.0	0.0	0.0	0.0	0.0	0.000	1.00
29	29, [Weg 10773] "" segment[2/2]	252.2	0.0	0.0	0.0	0.0	0.0	0.000	1.00
30	30, [Weg 10774] "" segment[1/1]	119.4	0.0	0.0	0.0	0.0	0.0	0.000	1.00
31	31, [Weg 10775] "" segment[1/1]	94.0	0.0	0.0	0.0	0.0	0.0	0.000	1.00
32	32, [Weg 10776] "" segment[1/1]	93.2	0.0	0.0	0.0	0.0	0.0	0.000	1.00
33	33, [Weg 10777] "" segment[1/1]	28.1	0.0	0.0	0.0	0.0	0.0	0.000	1.00
34	34, [Weg 10778] "" segment[1/1]	9.4	0.0	0.0	0.0	0.0	0.0	0.000	1.00
35	35, [Weg 10779] "" segment[1/6]	49.6	0.0	0.0	0.0	0.0	0.0	0.000	1.00
36	36, [Weg 10779] "" segment[2/6]	20.8	0.0	0.0	0.0	0.0	0.0	0.000	1.00
37	37, [Weg 10779] "" segment[3/6]	17.9	0.0	0.0	0.0	0.0	0.0	0.000	1.00
38	38, [Weg 10779] "" segment[4/6]	15.5	0.0	0.0	0.0	0.0	0.0	0.000	1.00
39	39, [Weg 10779] "" segment[5/6]	18.0	0.0	0.0	0.0	0.0	0.0	0.000	1.00
40	40, [Weg 10779] "" segment[6/6]	153.0	0.0	0.0	0.0	0.0	0.0	0.000	1.00

41	41, [Weg 10780] "" segment[1/3]	60.1	0.0	0.0	0.0	0.0	0.0	0.000	1.00
42	42, [Weg 10780] "" segment[2/3]	31.6	0.0	0.0	0.0	0.0	0.0	0.000	1.00
43	43, [Weg 10780] "" segment[3/3]	37.2	0.0	0.0	0.0	0.0	0.0	0.000	1.00
44	44, [Weg 10781] "" segment[1/1]	72.5	0.0	0.0	0.0	0.0	0.0	0.000	1.00
45	45, [Weg 10782] "" segment[1/2]	206.6	0.0	0.0	0.0	0.0	0.0	0.000	1.00
46	46, [Weg 10782] "" segment[2/2]	265.4	0.0	0.0	0.0	0.0	0.0	0.000	1.00
47	47, [Weg 10783] "" segment[1/1]	209.1	0.0	0.0	0.0	0.0	0.0	0.000	1.00
48	48, [Weg 10784] "" segment[1/2]	9.7	0.0	0.0	0.0	0.0	0.0	0.000	1.00
49	49, [Weg 10784] "" segment[2/2]	251.2	0.0	0.0	0.0	0.0	0.0	0.000	1.00
50	50, [Weg 10785] "APELDOORNSEBRUG" segment[1/1]	55.9	0.0	0.0	0.0	0.0	0.0	0.000	1.00
51	51, [Weg 10786] "Deventerstraat" segment[1/1]	15.3	0.0	0.0	0.0	0.0	0.0	0.000	1.00
52	52, [Weg 10787] "Deventerstraat" segment[1/1]	115.3	0.0	0.0	0.0	0.0	0.0	0.000	1.00
53	53, [Weg 10788] "Deventerstraat" segment[1/1]	15.9	0.0	0.0	0.0	0.0	0.0	0.000	1.00
54	54, [Weg 10789] "Deventerstraat" segment[1/1]	169.7	0.0	0.0	0.0	0.0	0.0	0.000	1.00
55	55, [Weg 10790] "Deventerstraat" segment[1/1]	37.6	0.0	0.0	0.0	0.0	0.0	0.000	1.00
56	56, [Weg 10791] "Edisonlaan" segment[1/1]	67.1	0.0	0.0	0.0	0.0	0.0	0.000	1.00
57	57, [Weg 10792] "Edisonlaan" segment[1/1]	9.5	0.0	0.0	0.0	0.0	0.0	0.000	1.00
58	58, [Weg 10793] "Edisonlaan" segment[1/2]	85.6	0.0	0.0	0.0	0.0	0.0	0.000	1.00
59	59, [Weg 10793] "Edisonlaan" segment[2/2]	94.9	0.0	0.0	0.0	0.0	0.0	0.000	1.00
60	60, [Weg 10794] "Edisonlaan" segment[1/1]	47.0	0.0	0.0	0.0	0.0	0.0	0.000	1.00
61	61, [Weg 10795] "Edisonlaan" segment[1/2]	9.7	0.0	0.0	0.0	0.0	0.0	0.000	1.00
62	62, [Weg 10795] "Edisonlaan" segment[2/2]	276.7	0.0	0.0	0.0	0.0	0.0	0.000	1.00
63	63, [Weg 10796] "Edisonlaan" segment[1/1]	65.2	0.0	0.0	0.0	0.0	0.0	0.000	1.00
64	64, [Weg 10797] "Edisonlaan" segment[1/1]	38.1	0.0	0.0	0.0	0.0	0.0	0.000	1.00

65	65, [Weg 10798] "Edisonlaan" segment[1/1]	99.7	0.0	0.0	0.0	0.0	0.0	0.000	1.00
66	66, [Weg 10799] "Edisonlaan" segment[1/1]	122.0	0.0	0.0	0.0	0.0	0.0	0.000	1.00
67	67, [Weg 10800] "Edisonlaan" segment[1/2]	95.9	0.0	0.0	0.0	0.0	0.0	0.000	1.00
68	68, [Weg 10800] "Edisonlaan" segment[2/2]	7.4	0.0	0.0	0.0	0.0	0.0	0.000	1.00
69	69, [Weg 10801] "Edisonlaan" segment[1/1]	101.4	0.0	0.0	0.0	0.0	0.0	0.000	1.00
70	70, [Weg 10802] "Edisonlaan" segment[1/1]	136.8	0.0	0.0	0.0	0.0	0.0	0.000	1.00
71	71, [Weg 10803] "Edisonlaan" segment[1/1]	19.2	0.0	0.0	0.0	0.0	0.0	0.000	1.00
72	72, [Weg 10804] "Kanaal Noord" segment[1/1]	54.8	0.0	0.0	0.0	0.0	0.0	0.000	1.00
73	73, [Weg 10805] "Kanaal Noord" segment[1/1]	19.2	0.0	0.0	0.0	0.0	0.0	0.000	1.00
74	74, [Weg 10806] "Laan van Zevenhuizen" segment[1/2]	46.0	0.0	0.0	0.0	0.0	0.0	0.000	1.00
75	75, [Weg 10806] "Laan van Zevenhuizen" segment[2/2]	9.2	0.0	0.0	0.0	0.0	0.0	0.000	1.00
76	76, [Weg 10807] "Laan van Zevenhuizen" segment[1/2]	87.8	0.0	0.0	0.0	0.0	0.0	0.000	1.00
77	77, [Weg 10807] "Laan van Zevenhuizen" segment[2/2]	253.5	0.0	0.0	0.0	0.0	0.0	0.000	1.00
78	78, [Weg 10808] "Laan van Zevenhuizen" segment[1/2]	175.0	0.0	0.0	0.0	0.0	0.0	0.000	1.00
79	79, [Weg 10808] "Laan van Zevenhuizen" segment[2/2]	245.5	0.0	0.0	0.0	0.0	0.0	0.000	1.00
80	80, [Weg 10809] "Laan van Zevenhuizen" segment[1/1]	57.6	0.0	0.0	0.0	0.0	0.0	0.000	1.00
81	81, [Weg 10810] "Laan van Zevenhuizen" segment[1/4]	4.3	0.0	0.0	0.0	0.0	0.0	0.000	1.00
82	82, [Weg 10810] "Laan van Zevenhuizen" segment[2/4]	2.0	0.0	0.0	0.0	0.0	0.0	0.000	1.00
83	83, [Weg 10810] "Laan van Zevenhuizen" segment[3/4]	2.7	0.0	0.0	0.0	0.0	0.0	0.000	1.00
84	84, [Weg 10810] "Laan van Zevenhuizen" segment[4/4]	81.5	0.0	0.0	0.0	0.0	0.0	0.000	1.00
85	85, [Weg 10811] "Laan van Zevenhuizen" segment[1/1]	89.6	0.0	0.0	0.0	0.0	0.0	0.000	1.00
86	86, [Weg 10812] "Laan van Zevenhuizen" segment[1/1]	150.9	0.0	0.0	0.0	0.0	0.0	0.000	1.00
87	87, [Weg 10813] "Reeenlaan" segment[1/3]	19.0	0.0	0.0	0.0	0.0	0.0	0.000	1.00
88	88, [Weg 10813] "Reeenlaan" segment[2/3]	19.0	0.0	0.0	0.0	0.0	0.0	0.000	1.00
89	89, [Weg 10813] "Reeenlaan" segment[3/3]	142.5	0.0	0.0	0.0	0.0	0.0	0.000	1.00
90	90, [Weg 10814] "Reeenlaan" segment[1/1]	152.8	0.0	0.0	0.0	0.0	0.0	0.000	1.00
91	91, [Weg 10815] "Regentesselaan" segment[1/1]	51.1	0.0	0.0	0.0	0.0	0.0	0.000	1.00

bronnummer	bronnaam	tunnellen gte (m)	totaal etmaal VI	LV etmaal totaal	MV etmaal totaal	ZV etmaal totaal	Bussen etmaal totaal	Stagnatie	milieuzone
1	1, [Weg 10755] "" segment[1/6]	n.v.t.	1086	1077	8	1	0	0.000	Nee
2	2, [Weg 10755] "" segment[2/6]	n.v.t.	1086	1077	8	1	0	0.000	Nee
3	3, [Weg 10755] "" segment[3/6]	n.v.t.	1086	1077	8	1	0	0.000	Nee
4	4, [Weg 10755] "" segment[4/6]	n.v.t.	1086	1077	8	1	0	0.000	Nee
5	5, [Weg 10755] "" segment[5/6]	n.v.t.	1086	1077	8	1	0	0.000	Nee
6	6, [Weg 10755] "" segment[6/6]	n.v.t.	1086	1077	8	1	0	0.000	Nee
7	7, [Weg 10756] "" segment[1/1]	n.v.t.	1230	1219	10	1	0	0.000	Nee
8	8, [Weg 10757] "" segment[1/1]	n.v.t.	1246	1230	15	1	0	0.000	Nee
9	9, [Weg 10758] "" segment[1/1]	n.v.t.	1276	1259	15	2	0	0.000	Nee
10	10, [Weg 10759] "" segment[1/3]	n.v.t.	2098	2072	23	3	0	0.000	Nee
11	11, [Weg 10759] "" segment[2/3]	n.v.t.	2098	2072	23	3	0	0.000	Nee
12	12, [Weg 10759] "" segment[3/3]	n.v.t.	2098	2072	23	3	0	0.000	Nee
13	13, [Weg 10760] "" segment[1/1]	n.v.t.	2224	2187	33	4	0	0.000	Nee
14	14, [Weg 10761] "" segment[1/2]	n.v.t.	2457	2423	29	5	0	0.000	Nee
15	15, [Weg 10761] "" segment[2/2]	n.v.t.	2457	2423	29	5	0	0.000	Nee
16	16, [Weg 10762] "" segment[1/1]	n.v.t.	2719	2674	37	8	0	0.000	Nee
17	17, [Weg 10763] "" segment[1/1]	n.v.t.	3156	3052	78	26	0	0.000	Nee
18	18, [Weg 10764] "" segment[1/2]	n.v.t.	3157	3054	78	25	0	0.000	Nee
19	19, [Weg 10764] "" segment[2/2]	n.v.t.	3157	3054	78	25	0	0.000	Nee
20	20, [Weg 10765] "" segment[1/1]	n.v.t.	3230	3127	80	23	0	0.000	Nee
21	21, [Weg 10766] "" segment[1/1]	n.v.t.	3180	3141	34	5	0	0.000	Nee
22	22, [Weg 10767] "" segment[1/1]	n.v.t.	3193	3154	34	5	0	0.000	Nee
23	23, [Weg 10768] "" segment[1/1]	n.v.t.	3373	3263	87	23	0	0.000	Nee
24	24, [Weg 10769] "" segment[1/1]	n.v.t.	3373	3263	87	23	0	1.500	Nee
25	25, [Weg 10770] "" segment[1/1]	n.v.t.	1604	1472	82	50	0	1.833	Nee
26	26, [Weg 10771] "" segment[1/1]	n.v.t.	1698	1545	96	57	0	0.000	Nee
27	27, [Weg 10772] "" segment[1/1]	n.v.t.	3156	3052	78	26	0	0.000	Nee
28	28, [Weg 10773] "" segment[1/2]	n.v.t.	7331	7093	162	76	0	0.000	Nee
29	29, [Weg 10773] "" segment[2/2]	n.v.t.	7331	7093	162	76	0	0.000	Nee
30	30, [Weg 10774] "" segment[1/1]	n.v.t.	8012	7733	194	85	0	0.000	Nee
31	31, [Weg 10775] "" segment[1/1]	n.v.t.	8764	8473	205	86	0	4.667	Nee
32	32, [Weg 10776] "" segment[1/1]	n.v.t.	1525 6	1391 0	863	483	0	0.000	Nee
33	33, [Weg 10777] "" segment[1/1]	n.v.t.	1525 6	1391 0	863	483	0	4.167	Nee
34	34, [Weg 10778] "" segment[1/1]	n.v.t.	1525 6	1391 0	863	483	0	4.167	Nee
35	35, [Weg 10779] "" segment[1/6]	n.v.t.	1126 9	1071 4	498	57	0	0.000	Nee
36	36, [Weg 10779] "" segment[2/6]	n.v.t.	1126 9	1071 4	498	57	0	0.000	Nee
37	37, [Weg 10779] "" segment[3/6]	n.v.t.	1126 9	1071 4	498	57	0	0.000	Nee
38	38, [Weg 10779] "" segment[4/6]	n.v.t.	1126 9	1071 4	498	57	0	0.000	Nee

39	39, [Weg 10779] "" segment[5/6]	n.v.t.	1126 9	1071 4	498	57	0	0.000	Nee
40	40, [Weg 10779] "" segment[6/6]	n.v.t.	1126 9	1071 4	498	57	0	0.000	Nee
41	41, [Weg 10780] "" segment[1/3]	n.v.t.	1126 9	1071 4	498	57	0	0.667	Nee
42	42, [Weg 10780] "" segment[2/3]	n.v.t.	1126 9	1071 4	498	57	0	0.667	Nee
43	43, [Weg 10780] "" segment[3/3]	n.v.t.	1126 9	1071 4	498	57	0	0.667	Nee
44	44, [Weg 10781] "" segment[1/1]	n.v.t.	1126 9	1071 4	498	57	0	1.833	Nee
45	45, [Weg 10782] "" segment[1/2]	n.v.t.	1762 5	1681 2	628	185	0	3.333	Nee
46	46, [Weg 10782] "" segment[2/2]	n.v.t.	1762 5	1681 2	628	185	0	3.333	Nee
47	47, [Weg 10783] "" segment[1/1]	n.v.t.	2019 3	1889 2	979	322	0	1.667	Nee
48	48, [Weg 10784] "" segment[1/2]	n.v.t.	2019 3	1889 2	979	322	0	3.833	Nee
49	49, [Weg 10784] "" segment[2/2]	n.v.t.	2019 3	1889 2	979	322	0	3.833	Nee
50	50, [Weg 10785] "APELDOORNSEBRUG" segment[1/1]	n.v.t.	1456 7	1384 5	623	99	0	0.000	Nee
51	51, [Weg 10786] "Deventerstraat" segment[1/1]	n.v.t.	1480 9	1408 1	632	96	0	0.000	Nee
52	52, [Weg 10787] "Deventerstraat" segment[1/1]	n.v.t.	1480 9	1408 1	632	96	0	1.167	Nee
53	53, [Weg 10788] "Deventerstraat" segment[1/1]	n.v.t.	1983 4	1888 6	828	120	0	3.667	Nee
54	54, [Weg 10789] "Deventerstraat" segment[1/1]	n.v.t.	1988 4	1893 5	830	119	0	3.500	Nee
55	55, [Weg 10790] "Deventerstraat" segment[1/1]	n.v.t.	2007 4	1912 1	835	118	0	4.500	Nee
56	56, [Weg 10791] "Edisonlaan" segment[1/1]	n.v.t.	1604	1472	82	50	0	1.833	Nee
57	57, [Weg 10792] "Edisonlaan" segment[1/1]	n.v.t.	5037	4922	89	26	0	0.000	Nee
58	58, [Weg 10793] "Edisonlaan" segment[1/2]	n.v.t.	7369	7174	150	45	0	0.000	Nee
59	59, [Weg 10793] "Edisonlaan" segment[2/2]	n.v.t.	7369	7174	150	45	0	0.000	Nee
60	60, [Weg 10794] "Edisonlaan" segment[1/1]	n.v.t.	8764	8473	205	86	0	4.667	Nee
61	61, [Weg 10795] "Edisonlaan" segment[1/2]	n.v.t.	1346 2	1308 9	279	94	0	0.000	Nee
62	62, [Weg 10795] "Edisonlaan" segment[2/2]	n.v.t.	1346 2	1308 9	279	94	0	0.000	Nee
63	63, [Weg 10796] "Edisonlaan" segment[1/1]	n.v.t.	1346 2	1308 9	279	94	0	1.667	Nee
64	64, [Weg 10797] "Edisonlaan" segment[1/1]	n.v.t.	1408 0	1369 3	292	95	0	0.000	Nee
65	65, [Weg 10798] "Edisonlaan" segment[1/1]	n.v.t.	1412 2	1374 2	285	95	0	0.000	Nee

66	66, [Weg 10799] "Edisonlaan" segment[1/1]	n.v.t.	1588 3	1548 7	298	98	0	0.000	Nee
67	67, [Weg 10800] "Edisonlaan" segment[1/2]	n.v.t.	1588 3	1548 7	298	98	0	2.000	Nee
68	68, [Weg 10800] "Edisonlaan" segment[2/2]	n.v.t.	1588 3	1548 7	298	98	0	2.000	Nee
69	69, [Weg 10801] "Edisonlaan" segment[1/1]	n.v.t.	1588 3	1548 7	298	98	0	3.333	Nee
70	70, [Weg 10802] "Edisonlaan" segment[1/1]	n.v.t.	2004 0	1953 8	377	125	0	4.167	Nee
71	71, [Weg 10803] "Edisonlaan" segment[1/1]	n.v.t.	2004 0	1953 8	377	125	0	4.500	Nee
72	72, [Weg 10804] "Kanaal Noord" segment[1/1]	n.v.t.	3373	3263	87	23	0	1.500	Nee
73	73, [Weg 10805] "Kanaal Noord" segment[1/1]	n.v.t.	2004 0	1953 8	377	125	0	4.500	Nee
74	74, [Weg 10806] "Laan van Zevenhuizen" segment[1/2]	n.v.t.	3551	3314	138	99	0	4.000	Nee
75	75, [Weg 10806] "Laan van Zevenhuizen" segment[2/2]	n.v.t.	3551	3314	138	99	0	4.000	Nee
76	76, [Weg 10807] "Laan van Zevenhuizen" segment[1/2]	n.v.t.	1602 0	1534 2	491	187	0	2.833	Nee
77	77, [Weg 10807] "Laan van Zevenhuizen" segment[2/2]	n.v.t.	1602 0	1534 2	491	187	0	2.833	Nee
78	78, [Weg 10808] "Laan van Zevenhuizen" segment[1/2]	n.v.t.	1793 1	1722 1	518	192	0	0.000	Nee
79	79, [Weg 10808] "Laan van Zevenhuizen" segment[2/2]	n.v.t.	1793 1	1722 1	518	192	0	0.000	Nee
80	80, [Weg 10809] "Laan van Zevenhuizen" segment[1/1]	n.v.t.	1793 1	1722 1	518	192	0	3.500	Nee
81	81, [Weg 10810] "Laan van Zevenhuizen" segment[1/4]	n.v.t.	1911 2	1838 5	534	193	0	0.000	Nee
82	82, [Weg 10810] "Laan van Zevenhuizen" segment[2/4]	n.v.t.	1911 2	1838 5	534	193	0	0.000	Nee
83	83, [Weg 10810] "Laan van Zevenhuizen" segment[3/4]	n.v.t.	1911 2	1838 5	534	193	0	0.000	Nee
84	84, [Weg 10810] "Laan van Zevenhuizen" segment[4/4]	n.v.t.	1911 2	1838 5	534	193	0	0.000	Nee
85	85, [Weg 10811] "Laan van Zevenhuizen" segment[1/1]	n.v.t.	1911 2	1838 5	534	193	0	3.333	Nee
86	86, [Weg 10812] "Laan van Zevenhuizen" segment[1/1]	n.v.t.	2377 7	2285 8	692	227	0	4.500	Nee
87	87, [Weg 10813] "Reeenlaan" segment[1/3]	n.v.t.	4942	4829	87	26	0	2.333	Nee
88	88, [Weg 10813] "Reeenlaan" segment[2/3]	n.v.t.	4942	4829	87	26	0	2.333	Nee
89	89, [Weg 10813] "Reeenlaan" segment[3/3]	n.v.t.	4942	4829	87	26	0	2.333	Nee
90	90, [Weg 10814] "Reeenlaan" segment[1/1]	n.v.t.	5037	4922	89	26	0	0.000	Nee
91	91, [Weg 10815] "Regentesselaan" segment[1/1]	n.v.t.	1246	1230	15	1	0	0.000	Nee



BIJLAGE: JOURNAALBESTANDEN REFERENTIESITUATIE

applicatie	computerprogramma	STACKS+ V2024.2
	release datum	Release 2024-09-16
	versie PreSRM tool	24.010
datum berekening	starttijd berekening (datum/tijd)	27-2-2025 10:14
receptorpunten (rijksdriehoek)	totaal aantal receptorpunten	1
	meest westelijke punt (X-coord.)	195479
	meest oostelijke punt (X-coord.)	195479
	meest zuidelijke punt (Y-coord.)	470697
	meest noordelijke punt (Y-coord.)	470697
	receptorhoogte (m)	1.50
meteorologie	meteo-dataset	uit PreSRM
	begindatum en tijdstip	2005 1 1 1
	einddatum en tijdstip	2014 12 31 24
	X-coördinaat (m)	194928
	Y-coördinaat (m)	471055
	monte-carlo percentage (%)	100.0
terreinruwheid	ruwheidslengte (m)	0.70
	bron ruwheidslengte PreSRM (ja/nee)	ja
	ruwheidslengte bepaald in gebied	
	X-coord. links onder	191000
	Y-coord. links onder	468000
	X-coord. rechts boven	198000
	Y-coord. rechts boven	474000
stofgegevens	component	NO2
	toetsjaar	2030
	ozon correctie (ja/nee)	ja
	percentielen berekend (ja/nee)	nee
	middelingstijd percentielen (uur)	nvt
	depositie berekend	nee
	eigen achtergrondconcentratie gebruikt	nee
bronnen	aantal bronnen	93
wegverkeer	Werk- of weekdag VI	weekdag
	weekendfac.zat.LV	0.870
	weekendfac.zat.MV	0.520
	weekendfac.zat.ZV	0.330
	weekendfac.zon.LV	0.840
	weekendfac.zon.MV	0.340
	weekendfac.zon.ZV	0.160
zeezoutcorrectie (voor PM10)	concentratie (ug/m3)	nvt
	overschrijdingsdagen	nvt

Administratie		Bron coördinaten		Gegevens gebouwinvloed					
bronnummer	bronnaam	X (m)	Y (m)	X gebouw (midden)	Y gebouw (midden)	hoogte gebouw (m)	breedte gebouw (m)	lengte gebouw (m)	oriëntatie gebouw (°)
93	93, [Schoorsteen 27448] "Stook Fuit, Stookinstallaties ..."	19502 8.4	47130 3.2	0.0	0.0	0.0	0.0	0.0	0.0

Administratie		Oppervlaktebron				Schoorsteen gegevens			
bronnummer	bronnaam	lengte bron (m)	breedte bron (m)	hoogte bron (m)	oriëntatie bron (°)	hoogte (m)	inw. diameter (m)	uitw. diameter (m)	
93	93, [Schoorsteen 27448] "Stook Fuit, Stookinstallaties ..."	0.0	0.0	6.0	0.0	6.0	1.00	1.10	

Administratie		Parameters					Emissie		
bronnummer	bronnaam	actuele rookgassnelheid (m/s)	rookgastemperatuur (K)	rookgas debiet (Nm ³ /s)	gem. warmte emissie (MW)	warmte-emissie afh. van meteo	emissievracht (kg/uur of ouE /s)	Perc.initieel NO ₂ (%)	emissie uren (aantal /jr)
93	93, [Schoorsteen 27448] "Stook Fuit, Stookinstallaties ..."	0.1	285.0	0.100	0.02	nee	0.05	5.0	8760.0

bronnummer	bronnaam	Wegtype	Snelheid [km/u]	Wegbreedte [m]	X begin [m]	Y begin [m]	X eind [m]	Y eind [m]
1	1, [Weg 19102] "" segment[1/6]	normaal	22	5.00	194479.6	470670.2	194489.5	470677.2
2	2, [Weg 19102] "" segment[2/6]	normaal	22	5.00	194489.5	470677.2	194499.9	470688.7
3	3, [Weg 19102] "" segment[3/6]	normaal	22	5.00	194499.9	470688.7	194506.2	470699.8
4	4, [Weg 19102] "" segment[4/6]	normaal	22	5.00	194506.2	470699.8	194513.1	470724.2
5	5, [Weg 19102] "" segment[5/6]	normaal	22	5.00	194513.1	470724.2	194513.3	470736.9
6	6, [Weg 19102] "" segment[6/6]	normaal	22	5.00	194510.6	470750.3	194513.3	470736.9
7	7, [Weg 19103] "" segment[1/1]	normaal	22	5.00	194274.7	470556.8	194479.6	470670.2
8	8, [Weg 19104] "" segment[1/1]	normaal	22	5.00	194113.1	470467.0	194211.0	470521.6
9	9, [Weg 19105] "" segment[1/1]	normaal	22	5.00	194211.0	470521.6	194274.7	470556.8
10	10, [Weg 19106] "" segment[1/3]	normaal	22	5.00	194531.6	470866.1	194661.1	471075.1
11	11, [Weg 19106] "" segment[2/3]	normaal	22	5.00	194661.1	471075.1	194672.1	471104.5

12	12, [Weg 19106] "" segment[3/3]	normaal	22	5.00	194672. 1	471104. 5	194674. 1	471121. 3
13	13, [Weg 19107] "" segment[1/1]	normaal	22	5.00	194503. 4	470790. 4	194510. 6	470750. 3
14	14, [Weg 19108] "" segment[1/1]	normaal	22	5.00	195305. 8	471732. 7	195336. 4	471630. 1
15	15, [Weg 19109] "" segment[1/2]	normaal	22	5.00	194503. 4	470790. 4	194509. 8	470826. 2
16	16, [Weg 19109] "" segment[2/2]	normaal	22	5.00	194509. 8	470826. 2	194531. 6	470866. 1
17	17, [Weg 19110] "" segment[1/1]	normaal	22	5.00	194845. 2	470272. 1	194853. 4	470420. 1
18	18, [Weg 19111] "" segment[1/1]	normaal	22	5.00	194874. 1	470809. 1	194882. 6	470857. 6
19	19, [Weg 19112] "" segment[1/2]	normaal	22	5.00	194868. 9	470713. 3	194874. 1	470809. 1
20	20, [Weg 19112] "" segment[2/2]	normaal	22	5.00	194853. 4	470420. 1	194868. 9	470713. 3
21	21, [Weg 19113] "" segment[1/1]	normaal	22	5.00	194835. 9	470092. 8	194845. 2	470272. 1
22	22, [Weg 19114] "" segment[1/1]	normaal	22	5.00	194832. 9	470074. 8	194835. 9	470092. 8
23	23, [Weg 19115] "" segment[1/1]	normaal	22	5.00	194674. 1	471121. 3	194912. 9	471092. 2
24	24, [Weg 19116] "" segment[1/1]	normaal	37	5.00	195018. 4	471681. 8	195041. 0	471833. 3
25	25, [Weg 19117] "" segment[1/1]	normaal	37	5.00	195041. 0	471833. 3	195067. 8	472060. 5
26	26, [Weg 19118] "" segment[1/1]	normaal	37	5.00	194882. 6	470857. 6	194912. 9	471092. 2
27	27, [Weg 19119] "" segment[1/2]	normaal	37	5.00	194949. 6	471341. 7	194953. 3	471360. 8
28	28, [Weg 19119] "" segment[2/2]	normaal	37	5.00	194912. 9	471092. 2	194949. 6	471341. 7
29	29, [Weg 19120] "" segment[1/1]	normaal	37	5.00	194953. 3	471360. 8	194976. 6	471477. 9
30	30, [Weg 19121] "" segment[1/1]	normaal	37	5.00	194976. 6	471477. 9	194998. 2	471579. 0
31	31, [Weg 19122] "" segment[1/1]	normaal	80	7.00	195408. 4	472534. 5	195464. 8	472608. 8
32	32, [Weg 19123] "" segment[1/1]	normaal	80	7.00	195392. 4	472511. 4	195408. 4	472534. 5
33	33, [Weg 19124] "" segment[1/1]	normaal	60	5.00	195387. 2	472503. 6	195392. 4	472511. 4
34	34, [Weg 19125] "" segment[1/6]	normaal	37	5.00	195178. 7	469627. 3	195224. 0	469607. 2
35	35, [Weg 19125] "" segment[2/6]	normaal	37	5.00	195163. 6	469641. 5	195178. 7	469627. 3
36	36, [Weg 19125] "" segment[3/6]	normaal	37	5.00	195154. 8	469657. 2	195163. 6	469641. 5
37	37, [Weg 19125] "" segment[4/6]	normaal	37	5.00	195150. 3	469672. 0	195154. 8	469657. 2
38	38, [Weg 19125] "" segment[5/6]	normaal	37	5.00	195148. 6	469689. 9	195150. 3	469672. 0

39	39, [Weg 19125] "" segment[6/6]	normaal	37	5.00	195148. 6	469689. 9	195191. 6	469836. 8
40	40, [Weg 19126] "" segment[1/3]	normaal	37	5.00	195224. 0	469607. 2	195266. 6	469564. 8
41	41, [Weg 19126] "" segment[2/3]	normaal	37	5.00	195266. 6	469564. 8	195281. 6	469537. 0
42	42, [Weg 19126] "" segment[3/3]	normaal	37	5.00	195281. 6	469537. 0	195290. 6	469500. 8
43	43, [Weg 19127] "" segment[1/1]	normaal	37	5.00	195191. 6	469836. 8	195212. 9	469906. 1
44	44, [Weg 19128] "" segment[1/2]	normaal	37	5.00	195204. 6	471872. 8	195224. 7	472068. 6
45	45, [Weg 19128] "" segment[2/2]	normaal	37	5.00	195182. 5	471608. 3	195204. 6	471872. 8
46	46, [Weg 19129] "" segment[1/1]	normaal	37	5.00	195224. 7	472068. 6	195263. 8	472274. 0
47	47, [Weg 19130] "" segment[1/2]	normaal	37	5.00	195380. 8	472496. 3	195387. 2	472503. 6
48	48, [Weg 19130] "" segment[2/2]	normaal	37	5.00	195263. 8	472274. 0	195380. 8	472496. 3
49	49, [Weg 19131] "APELDOORNSEBRUG" segment[1/1]	normaal	37	5.00	194819. 8	470021. 6	194864. 0	470007. 0
50	50, [Weg 19132] "Deventerstraat" segment[1/1]	normaal	37	5.00	194864. 0	470007. 0	194873. 0	470004. 3
51	51, [Weg 19133] "Deventerstraat" segment[1/1]	normaal	37	5.00	194873. 0	470004. 3	194887. 7	470000. 0
52	52, [Weg 19134] "Deventerstraat" segment[1/1]	normaal	37	5.00	194887. 7	470000. 0	194998. 5	469968. 3
53	53, [Weg 19135] "Deventerstraat" segment[1/1]	normaal	37	5.00	194998. 5	469968. 3	195013. 8	469963. 7
54	54, [Weg 19136] "Deventerstraat" segment[1/1]	normaal	37	5.00	195013. 8	469963. 7	195176. 8	469916. 7
55	55, [Weg 19137] "Deventerstraat" segment[1/1]	normaal	37	5.00	195176. 8	469916. 7	195212. 9	469906. 1
56	56, [Weg 19138] "Edisonlaan" segment[1/1]	normaal	37	5.00	195006. 1	471615. 8	195018. 4	471681. 8
57	57, [Weg 19139] "Edisonlaan" segment[1/1]	normaal	37	5.00	194021. 3	471543. 3	194030. 5	471540. 6
58	58, [Weg 19140] "Edisonlaan" segment[1/1]	normaal	37	5.00	194998. 2	471579. 0	195006. 1	471615. 8
59	59, [Weg 19141] "Edisonlaan" segment[1/2]	normaal	37	5.00	194121. 6	471514. 2	194207. 0	471508. 4
60	60, [Weg 19141] "Edisonlaan" segment[2/2]	normaal	37	5.00	194030. 5	471540. 6	194121. 6	471514. 2
61	61, [Weg 19142] "Edisonlaan" segment[1/2]	normaal	37	5.00	194342. 3	471535. 0	194351. 6	471537. 4
62	62, [Weg 19142] "Edisonlaan" segment[2/2]	normaal	37	5.00	194351. 6	471537. 4	194619. 7	471605. 8
63	63, [Weg 19143] "Edisonlaan" segment[1/1]	normaal	37	5.00	194619. 7	471605. 8	194682. 1	471624. 7
64	64, [Weg 19144] "Edisonlaan" segment[1/1]	normaal	37	5.00	194207. 0	471508. 4	194244. 6	471514. 6
65	65, [Weg 19145] "Edisonlaan" segment[1/1]	normaal	37	5.00	194244. 6	471514. 6	194342. 3	471535. 0

66	66, [Weg 19146] "Edisonlaan" segment[1/1]	normaal	37	5.00	194784. 0	471639. 8	194905. 6	471629. 1
67	67, [Weg 19147] "Edisonlaan" segment[1/2]	normaal	37	5.00	194682. 1	471624. 7	194776. 6	471640. 5
68	68, [Weg 19147] "Edisonlaan" segment[2/2]	normaal	37	5.00	194776. 6	471640. 5	194784. 0	471639. 8
69	69, [Weg 19148] "Edisonlaan" segment[1/1]	normaal	37	5.00	194905. 6	471629. 1	195006. 1	471615. 8
70	70, [Weg 19149] "Edisonlaan" segment[1/1]	normaal	37	5.00	195142. 5	471604. 2	195161. 6	471602. 3
71	71, [Weg 19150] "Edisonlaan" segment[1/1]	normaal	37	5.00	195006. 1	471615. 8	195142. 5	471604. 2
72	72, [Weg 19151] "Kanaal Noord" segment[1/1]	normaal	22	5.00	194819. 8	470021. 6	194832. 9	470074. 8
73	73, [Weg 19152] "Kanaal Noord" segment[1/1]	normaal	37	5.00	195161. 6	471602. 3	195180. 5	471598. 7
74	74, [Weg 19153] "Laan van Zevenhuizen" segment[1/2]	normaal	22	5.00	195329. 7	471575. 7	195337. 6	471621. 0
75	75, [Weg 19153] "Laan van Zevenhuizen" segment[2/2]	normaal	22	5.00	195336. 4	471630. 1	195337. 6	471621. 0
76	76, [Weg 19154] "Laan van Zevenhuizen" segment[1/2]	normaal	37	5.00	195889. 8	471255. 6	195959. 5	471202. 2
77	77, [Weg 19154] "Laan van Zevenhuizen" segment[2/2]	normaal	37	5.00	195959. 5	471202. 2	196151. 4	471036. 7
78	78, [Weg 19155] "Laan van Zevenhuizen" segment[1/1]	normaal	37	5.00	195180. 5	471598. 7	195182. 5	471608. 3
79	79, [Weg 19156] "Laan van Zevenhuizen" segment[1/2]	normaal	37	5.00	195500. 4	471528. 2	195656. 3	471448. 6
80	80, [Weg 19156] "Laan van Zevenhuizen" segment[2/2]	normaal	37	5.00	195656. 3	471448. 6	195848. 1	471295. 4
81	81, [Weg 19157] "Laan van Zevenhuizen" segment[1/1]	normaal	37	5.00	195848. 1	471295. 4	195889. 8	471255. 6
82	82, [Weg 19158] "Laan van Zevenhuizen" segment[1/4]	normaal	37	5.00	195497. 2	471525. 4	195500. 4	471528. 2
83	83, [Weg 19158] "Laan van Zevenhuizen" segment[2/4]	normaal	37	5.00	195495. 5	471524. 4	195497. 2	471525. 4
84	84, [Weg 19158] "Laan van Zevenhuizen" segment[3/4]	normaal	37	5.00	195492. 8	471524. 1	195495. 5	471524. 4
85	85, [Weg 19158] "Laan van Zevenhuizen" segment[4/4]	normaal	37	5.00	195414. 6	471547. 1	195492. 8	471524. 1
86	86, [Weg 19159] "Laan van Zevenhuizen" segment[1/1]	normaal	37	5.00	195329. 7	471575. 7	195414. 6	471547. 1
87	87, [Weg 19160] "Laan van Zevenhuizen" segment[1/1]	normaal	37	5.00	195180. 5	471598. 7	195329. 7	471575. 7
88	88, [Weg 19161] "Reeenlaan" segment[1/3]	normaal	37	5.00	193705. 0	471639. 8	193718. 9	471626. 8
89	89, [Weg 19161] "Reeenlaan" segment[2/3]	normaal	37	5.00	193718. 9	471626. 8	193735. 5	471617. 6
90	90, [Weg 19161] "Reeenlaan" segment[3/3]	normaal	37	5.00	193735. 5	471617. 6	193873. 6	471582. 5
91	91, [Weg 19162] "Reeenlaan" segment[1/1]	normaal	37	5.00	193873. 6	471582. 5	194021. 3	471543. 3
92	92, [Weg 19163] "Regentesselaan" segment[1/1]	normaal	22	5.00	194068. 8	470441. 6	194113. 1	470467. 0

bronnummer	bronnaam	weglengthe [m]	Weghogte [m]	Schermhogte [m]	Canyon breedte [m]	Gebouwhogte rechts [m]	Gebouwhogte links [m]	Ventilatie factor	Bomenfactor
1	1, [Weg 19102] "" segment[1/6]	12.2	0.0	0.0	0.0	0.0	0.0	0.000	1.00
2	2, [Weg 19102] "" segment[2/6]	15.4	0.0	0.0	0.0	0.0	0.0	0.000	1.00
3	3, [Weg 19102] "" segment[3/6]	12.7	0.0	0.0	0.0	0.0	0.0	0.000	1.00
4	4, [Weg 19102] "" segment[4/6]	25.4	0.0	0.0	0.0	0.0	0.0	0.000	1.00
5	5, [Weg 19102] "" segment[5/6]	12.8	0.0	0.0	0.0	0.0	0.0	0.000	1.00
6	6, [Weg 19102] "" segment[6/6]	13.6	0.0	0.0	0.0	0.0	0.0	0.000	1.00
7	7, [Weg 19103] "" segment[1/1]	234.2	0.0	0.0	0.0	0.0	0.0	0.000	1.00
8	8, [Weg 19104] "" segment[1/1]	112.1	0.0	0.0	0.0	0.0	0.0	0.000	1.00
9	9, [Weg 19105] "" segment[1/1]	72.8	0.0	0.0	0.0	0.0	0.0	0.000	1.00
10	10, [Weg 19106] "" segment[1/3]	245.9	0.0	0.0	0.0	0.0	0.0	0.000	1.00
11	11, [Weg 19106] "" segment[2/3]	31.4	0.0	0.0	0.0	0.0	0.0	0.000	1.00
12	12, [Weg 19106] "" segment[3/3]	16.9	0.0	0.0	0.0	0.0	0.0	0.000	1.00
13	13, [Weg 19107] "" segment[1/1]	40.8	0.0	0.0	0.0	0.0	0.0	0.000	1.00
14	14, [Weg 19108] "" segment[1/1]	107.0	0.0	0.0	0.0	0.0	0.0	0.000	1.00
15	15, [Weg 19109] "" segment[1/2]	36.4	0.0	0.0	0.0	0.0	0.0	0.000	1.00
16	16, [Weg 19109] "" segment[2/2]	45.4	0.0	0.0	0.0	0.0	0.0	0.000	1.00
17	17, [Weg 19110] "" segment[1/1]	148.3	0.0	0.0	0.0	0.0	0.0	0.000	1.00
18	18, [Weg 19111] "" segment[1/1]	49.2	0.0	0.0	0.0	0.0	0.0	0.000	1.00
19	19, [Weg 19112] "" segment[1/2]	95.9	0.0	0.0	0.0	0.0	0.0	0.000	1.00
20	20, [Weg 19112] "" segment[2/2]	293.6	0.0	0.0	0.0	0.0	0.0	0.000	1.00
21	21, [Weg 19113] "" segment[1/1]	179.5	0.0	0.0	0.0	0.0	0.0	0.000	1.00
22	22, [Weg 19114] "" segment[1/1]	18.3	0.0	0.0	0.0	0.0	0.0	0.000	1.00
23	23, [Weg 19115] "" segment[1/1]	240.6	0.0	0.0	0.0	0.0	0.0	0.000	1.00
24	24, [Weg 19116] "" segment[1/1]	153.2	0.0	0.0	0.0	0.0	0.0	0.000	1.00

25	25, [Weg 19117] "" segment[1/1]	228.8	0.0	0.0	0.0	0.0	0.0	0.000	1.00
26	26, [Weg 19118] "" segment[1/1]	236.5	0.0	0.0	0.0	0.0	0.0	0.000	1.00
27	27, [Weg 19119] "" segment[1/2]	19.4	0.0	0.0	0.0	0.0	0.0	0.000	1.00
28	28, [Weg 19119] "" segment[2/2]	252.2	0.0	0.0	0.0	0.0	0.0	0.000	1.00
29	29, [Weg 19120] "" segment[1/1]	119.4	0.0	0.0	0.0	0.0	0.0	0.000	1.00
30	30, [Weg 19121] "" segment[1/1]	103.4	0.0	0.0	0.0	0.0	0.0	0.000	1.00
31	31, [Weg 19122] "" segment[1/1]	93.2	0.0	0.0	0.0	0.0	0.0	0.000	1.00
32	32, [Weg 19123] "" segment[1/1]	28.1	0.0	0.0	0.0	0.0	0.0	0.000	1.00
33	33, [Weg 19124] "" segment[1/1]	9.4	0.0	0.0	0.0	0.0	0.0	0.000	1.00
34	34, [Weg 19125] "" segment[1/6]	49.6	0.0	0.0	0.0	0.0	0.0	0.000	1.00
35	35, [Weg 19125] "" segment[2/6]	20.8	0.0	0.0	0.0	0.0	0.0	0.000	1.00
36	36, [Weg 19125] "" segment[3/6]	17.9	0.0	0.0	0.0	0.0	0.0	0.000	1.00
37	37, [Weg 19125] "" segment[4/6]	15.5	0.0	0.0	0.0	0.0	0.0	0.000	1.00
38	38, [Weg 19125] "" segment[5/6]	18.0	0.0	0.0	0.0	0.0	0.0	0.000	1.00
39	39, [Weg 19125] "" segment[6/6]	153.0	0.0	0.0	0.0	0.0	0.0	0.000	1.00
40	40, [Weg 19126] "" segment[1/3]	60.1	0.0	0.0	0.0	0.0	0.0	0.000	1.00
41	41, [Weg 19126] "" segment[2/3]	31.6	0.0	0.0	0.0	0.0	0.0	0.000	1.00
42	42, [Weg 19126] "" segment[3/3]	37.2	0.0	0.0	0.0	0.0	0.0	0.000	1.00
43	43, [Weg 19127] "" segment[1/1]	72.5	0.0	0.0	0.0	0.0	0.0	0.000	1.00
44	44, [Weg 19128] "" segment[1/2]	196.8	0.0	0.0	0.0	0.0	0.0	0.000	1.00
45	45, [Weg 19128] "" segment[2/2]	265.4	0.0	0.0	0.0	0.0	0.0	0.000	1.00
46	46, [Weg 19129] "" segment[1/1]	209.1	0.0	0.0	0.0	0.0	0.0	0.000	1.00
47	47, [Weg 19130] "" segment[1/2]	9.7	0.0	0.0	0.0	0.0	0.0	0.000	1.00
48	48, [Weg 19130] "" segment[2/2]	251.2	0.0	0.0	0.0	0.0	0.0	0.000	1.00
49	49, [Weg 19131] "APELDOORNSEBRUG" segment[1/1]	46.6	0.0	0.0	0.0	0.0	0.0	0.000	1.00
50	50, [Weg 19132] "Deventerstraat" segment[1/1]	9.3	0.0	0.0	0.0	0.0	0.0	0.000	1.00

51	51, [Weg 19133] "Deventerstraat" segment[1/1]	15.3	0.0	0.0	0.0	0.0	0.0	0.000	1.00
52	52, [Weg 19134] "Deventerstraat" segment[1/1]	115.3	0.0	0.0	0.0	0.0	0.0	0.000	1.00
53	53, [Weg 19135] "Deventerstraat" segment[1/1]	15.9	0.0	0.0	0.0	0.0	0.0	0.000	1.00
54	54, [Weg 19136] "Deventerstraat" segment[1/1]	169.7	0.0	0.0	0.0	0.0	0.0	0.000	1.00
55	55, [Weg 19137] "Deventerstraat" segment[1/1]	37.6	0.0	0.0	0.0	0.0	0.0	0.000	1.00
56	56, [Weg 19138] "Edisonlaan" segment[1/1]	67.1	0.0	0.0	0.0	0.0	0.0	0.000	1.00
57	57, [Weg 19139] "Edisonlaan" segment[1/1]	9.5	0.0	0.0	0.0	0.0	0.0	0.000	1.00
58	58, [Weg 19140] "Edisonlaan" segment[1/1]	37.6	0.0	0.0	0.0	0.0	0.0	0.000	1.00
59	59, [Weg 19141] "Edisonlaan" segment[1/2]	85.6	0.0	0.0	0.0	0.0	0.0	0.000	1.00
60	60, [Weg 19141] "Edisonlaan" segment[2/2]	94.9	0.0	0.0	0.0	0.0	0.0	0.000	1.00
61	61, [Weg 19142] "Edisonlaan" segment[1/2]	9.7	0.0	0.0	0.0	0.0	0.0	0.000	1.00
62	62, [Weg 19142] "Edisonlaan" segment[2/2]	276.7	0.0	0.0	0.0	0.0	0.0	0.000	1.00
63	63, [Weg 19143] "Edisonlaan" segment[1/1]	65.2	0.0	0.0	0.0	0.0	0.0	0.000	1.00
64	64, [Weg 19144] "Edisonlaan" segment[1/1]	38.1	0.0	0.0	0.0	0.0	0.0	0.000	1.00
65	65, [Weg 19145] "Edisonlaan" segment[1/1]	99.7	0.0	0.0	0.0	0.0	0.0	0.000	1.00
66	66, [Weg 19146] "Edisonlaan" segment[1/1]	122.0	0.0	0.0	0.0	0.0	0.0	0.000	1.00
67	67, [Weg 19147] "Edisonlaan" segment[1/2]	95.9	0.0	0.0	0.0	0.0	0.0	0.000	1.00
68	68, [Weg 19147] "Edisonlaan" segment[2/2]	7.4	0.0	0.0	0.0	0.0	0.0	0.000	1.00
69	69, [Weg 19148] "Edisonlaan" segment[1/1]	101.4	0.0	0.0	0.0	0.0	0.0	0.000	1.00
70	70, [Weg 19149] "Edisonlaan" segment[1/1]	19.2	0.0	0.0	0.0	0.0	0.0	0.000	1.00
71	71, [Weg 19150] "Edisonlaan" segment[1/1]	136.8	0.0	0.0	0.0	0.0	0.0	0.000	1.00
72	72, [Weg 19151] "Kanaal Noord" segment[1/1]	54.8	0.0	0.0	0.0	0.0	0.0	0.000	1.00
73	73, [Weg 19152] "Kanaal Noord" segment[1/1]	19.2	0.0	0.0	0.0	0.0	0.0	0.000	1.00
74	74, [Weg 19153] "Laan van Zevenhuizen" segment[1/2]	46.0	0.0	0.0	0.0	0.0	0.0	0.000	1.00

75	75, [Weg 19153] "Laan van Zevenhuizen" segment[2/2]	9.2	0.0	0.0	0.0	0.0	0.0	0.000	1.00
76	76, [Weg 19154] "Laan van Zevenhuizen" segment[1/2]	87.8	0.0	0.0	0.0	0.0	0.0	0.000	1.00
77	77, [Weg 19154] "Laan van Zevenhuizen" segment[2/2]	253.5	0.0	0.0	0.0	0.0	0.0	0.000	1.00
78	78, [Weg 19155] "Laan van Zevenhuizen" segment[1/1]	9.8	0.0	0.0	0.0	0.0	0.0	0.000	1.00
79	79, [Weg 19156] "Laan van Zevenhuizen" segment[1/2]	175.0	0.0	0.0	0.0	0.0	0.0	0.000	1.00
80	80, [Weg 19156] "Laan van Zevenhuizen" segment[2/2]	245.5	0.0	0.0	0.0	0.0	0.0	0.000	1.00
81	81, [Weg 19157] "Laan van Zevenhuizen" segment[1/1]	57.6	0.0	0.0	0.0	0.0	0.0	0.000	1.00
82	82, [Weg 19158] "Laan van Zevenhuizen" segment[1/4]	4.3	0.0	0.0	0.0	0.0	0.0	0.000	1.00
83	83, [Weg 19158] "Laan van Zevenhuizen" segment[2/4]	2.0	0.0	0.0	0.0	0.0	0.0	0.000	1.00
84	84, [Weg 19158] "Laan van Zevenhuizen" segment[3/4]	2.7	0.0	0.0	0.0	0.0	0.0	0.000	1.00
85	85, [Weg 19158] "Laan van Zevenhuizen" segment[4/4]	81.5	0.0	0.0	0.0	0.0	0.0	0.000	1.00
86	86, [Weg 19159] "Laan van Zevenhuizen" segment[1/1]	89.6	0.0	0.0	0.0	0.0	0.0	0.000	1.00
87	87, [Weg 19160] "Laan van Zevenhuizen" segment[1/1]	150.9	0.0	0.0	0.0	0.0	0.0	0.000	1.00
88	88, [Weg 19161] "Reeenlaan" segment[1/3]	19.0	0.0	0.0	0.0	0.0	0.0	0.000	1.00
89	89, [Weg 19161] "Reeenlaan" segment[2/3]	19.0	0.0	0.0	0.0	0.0	0.0	0.000	1.00
90	90, [Weg 19161] "Reeenlaan" segment[3/3]	142.5	0.0	0.0	0.0	0.0	0.0	0.000	1.00
91	91, [Weg 19162] "Reeenlaan" segment[1/1]	152.8	0.0	0.0	0.0	0.0	0.0	0.000	1.00
92	92, [Weg 19163] "Regentesselaan" segment[1/1]	51.1	0.0	0.0	0.0	0.0	0.0	0.000	1.00

bronnnummer	bronnaam	tunnellen gte (m)	total etmaal VI	LV etmaal total	MV etmaal total	ZV etmaal total	Bussen etmaal total	Stagnatie	milieuzone
1	1, [Weg 19102] "" segment[1/6]	nvt	949	941	7	1	0	0.000	Nee
2	2, [Weg 19102] "" segment[2/6]	nvt	949	941	7	1	0	0.000	Nee
3	3, [Weg 19102] "" segment[3/6]	nvt	949	941	7	1	0	0.000	Nee
4	4, [Weg 19102] "" segment[4/6]	nvt	949	941	7	1	0	0.000	Nee
5	5, [Weg 19102] "" segment[5/6]	nvt	949	941	7	1	0	0.000	Nee
6	6, [Weg 19102] "" segment[6/6]	nvt	949	941	7	1	0	0.000	Nee
7	7, [Weg 19103] "" segment[1/1]	nvt	1096	1086	9	1	0	0.000	Nee
8	8, [Weg 19104] "" segment[1/1]	nvt	1120	1105	14	1	0	0.000	Nee

9	9, [Weg 19105] "" segment[1/1]	n.v.t.	1146	1130	14	2	0	0.000	Nee
10	10, [Weg 19106] "" segment[1/3]	n.v.t.	1864	1840	21	3	0	0.000	Nee
11	11, [Weg 19106] "" segment[2/3]	n.v.t.	1864	1840	21	3	0	0.000	Nee
12	12, [Weg 19106] "" segment[3/3]	n.v.t.	1864	1840	21	3	0	0.000	Nee
13	13, [Weg 19107] "" segment[1/1]	n.v.t.	1993	1958	31	4	0	0.000	Nee
14	14, [Weg 19108] "" segment[1/1]	n.v.t.	2149	2111	30	8	0	0.000	Nee
15	15, [Weg 19109] "" segment[1/2]	n.v.t.	2219	2186	28	5	0	0.000	Nee
16	16, [Weg 19109] "" segment[2/2]	n.v.t.	2219	2186	28	5	0	0.000	Nee
17	17, [Weg 19110] "" segment[1/1]	n.v.t.	2580	2479	76	25	0	0.000	Nee
18	18, [Weg 19111] "" segment[1/1]	n.v.t.	2601	2497	75	29	0	0.000	Nee
19	19, [Weg 19112] "" segment[1/2]	n.v.t.	2602	2499	75	28	0	0.000	Nee
20	20, [Weg 19112] "" segment[2/2]	n.v.t.	2602	2499	75	28	0	0.000	Nee
21	21, [Weg 19113] "" segment[1/1]	n.v.t.	2742	2634	83	25	0	0.000	Nee
22	22, [Weg 19114] "" segment[1/1]	n.v.t.	2742	2634	83	25	0	1.333	Nee
23	23, [Weg 19115] "" segment[1/1]	n.v.t.	2794	2757	32	5	0	0.000	Nee
24	24, [Weg 19116] "" segment[1/1]	n.v.t.	1372	1234	84	54	0	1.333	Nee
25	25, [Weg 19117] "" segment[1/1]	n.v.t.	1482	1322	98	62	0	0.000	Nee
26	26, [Weg 19118] "" segment[1/1]	n.v.t.	2601	2497	75	29	0	0.000	Nee
27	27, [Weg 19119] "" segment[1/2]	n.v.t.	6122	5883	144	95	0	0.000	Nee
28	28, [Weg 19119] "" segment[2/2]	n.v.t.	6122	5883	144	95	0	0.000	Nee
29	29, [Weg 19120] "" segment[1/1]	n.v.t.	6565	6290	172	103	0	0.000	Nee
30	30, [Weg 19121] "" segment[1/1]	n.v.t.	6565	6290	172	103	0	3.667	Nee
31	31, [Weg 19122] "" segment[1/1]	n.v.t.	1505 2	1370 9	856	487	0	0.000	Nee
32	32, [Weg 19123] "" segment[1/1]	n.v.t.	1505 2	1370 9	856	487	0	4.167	Nee
33	33, [Weg 19124] "" segment[1/1]	n.v.t.	1505 2	1370 9	856	487	0	4.167	Nee
34	34, [Weg 19125] "" segment[1/6]	n.v.t.	1109 5	1054 1	497	57	0	0.000	Nee
35	35, [Weg 19125] "" segment[2/6]	n.v.t.	1109 5	1054 1	497	57	0	0.000	Nee
36	36, [Weg 19125] "" segment[3/6]	n.v.t.	1109 5	1054 1	497	57	0	0.000	Nee
37	37, [Weg 19125] "" segment[4/6]	n.v.t.	1109 5	1054 1	497	57	0	0.000	Nee
38	38, [Weg 19125] "" segment[5/6]	n.v.t.	1109 5	1054 1	497	57	0	0.000	Nee
39	39, [Weg 19125] "" segment[6/6]	n.v.t.	1109 5	1054 1	497	57	0	0.000	Nee
40	40, [Weg 19126] "" segment[1/3]	n.v.t.	1109 5	1054 1	497	57	0	0.667	Nee
41	41, [Weg 19126] "" segment[2/3]	n.v.t.	1109 5	1054 1	497	57	0	0.667	Nee
42	42, [Weg 19126] "" segment[3/3]	n.v.t.	1109 5	1054 1	497	57	0	0.667	Nee
43	43, [Weg 19127] "" segment[1/1]	n.v.t.	1109 5	1054 1	497	57	0	1.833	Nee
44	44, [Weg 19128] "" segment[1/2]	n.v.t.	1735 0	1654 3	618	189	0	3.167	Nee
45	45, [Weg 19128] "" segment[2/2]	n.v.t.	1735 0	1654 3	618	189	0	3.167	Nee

46	46, [Weg 19129] "" segment[1/1]	n.v.t.	1993 5	1863 8	970	327	0	1.833	Nee
47	47, [Weg 19130] "" segment[1/2]	n.v.t.	1993 5	1863 8	970	327	0	3.833	Nee
48	48, [Weg 19130] "" segment[2/2]	n.v.t.	1993 5	1863 8	970	327	0	3.833	Nee
49	49, [Weg 19131] "APELDOORNSEBRUG" segment[1/1]	n.v.t.	1423 7	1351 4	622	101	0	0.000	Nee
50	50, [Weg 19132] "Deventerstraat" segment[1/1]	n.v.t.	1423 7	1351 4	622	101	0	0.000	Nee
51	51, [Weg 19133] "Deventerstraat" segment[1/1]	n.v.t.	1449 1	1376 2	631	98	0	0.000	Nee
52	52, [Weg 19134] "Deventerstraat" segment[1/1]	n.v.t.	1449 1	1376 2	631	98	0	1.167	Nee
53	53, [Weg 19135] "Deventerstraat" segment[1/1]	n.v.t.	1959 0	1864 3	826	121	0	3.500	Nee
54	54, [Weg 19136] "Deventerstraat" segment[1/1]	n.v.t.	1964 6	1869 7	829	120	0	3.333	Nee
55	55, [Weg 19137] "Deventerstraat" segment[1/1]	n.v.t.	1984 3	1888 9	834	120	0	4.333	Nee
56	56, [Weg 19138] "Edisonlaan" segment[1/1]	n.v.t.	1372	1234	84	54	0	1.333	Nee
57	57, [Weg 19139] "Edisonlaan" segment[1/1]	n.v.t.	4935	4824	84	27	0	0.000	Nee
58	58, [Weg 19140] "Edisonlaan" segment[1/1]	n.v.t.	6565	6290	172	103	0	3.667	Nee
59	59, [Weg 19141] "Edisonlaan" segment[1/2]	n.v.t.	7246	7055	145	46	0	0.000	Nee
60	60, [Weg 19141] "Edisonlaan" segment[2/2]	n.v.t.	7246	7055	145	46	0	0.000	Nee
61	61, [Weg 19142] "Edisonlaan" segment[1/2]	n.v.t.	1323 0	1286 5	269	96	0	0.000	Nee
62	62, [Weg 19142] "Edisonlaan" segment[2/2]	n.v.t.	1323 0	1286 5	269	96	0	0.000	Nee
63	63, [Weg 19143] "Edisonlaan" segment[1/1]	n.v.t.	1323 0	1286 5	269	96	0	1.667	Nee
64	64, [Weg 19144] "Edisonlaan" segment[1/1]	n.v.t.	1386 4	1348 6	281	97	0	0.000	Nee
65	65, [Weg 19145] "Edisonlaan" segment[1/1]	n.v.t.	1390 8	1353 6	275	97	0	0.000	Nee
66	66, [Weg 19146] "Edisonlaan" segment[1/1]	n.v.t.	1572 5	1533 7	288	100	0	0.000	Nee
67	67, [Weg 19147] "Edisonlaan" segment[1/2]	n.v.t.	1572 5	1533 7	288	100	0	2.000	Nee
68	68, [Weg 19147] "Edisonlaan" segment[2/2]	n.v.t.	1572 5	1533 7	288	100	0	2.000	Nee
69	69, [Weg 19148] "Edisonlaan" segment[1/1]	n.v.t.	1572 5	1533 7	288	100	0	3.000	Nee
70	70, [Weg 19149] "Edisonlaan" segment[1/1]	n.v.t.	1870 9	1822 2	351	136	0	3.667	Nee
71	71, [Weg 19150] "Edisonlaan" segment[1/1]	n.v.t.	1870 9	1822 2	351	136	0	4.000	Nee
72	72, [Weg 19151] "Kanaal Noord" segment[1/1]	n.v.t.	2742	2634	83	25	0	1.333	Nee

73	73, [Weg 19152] "Kanaal Noord" segment[1/1]	n.v.t.	1870 9	1822 2	351	136	0	3.667	Nee
74	74, [Weg 19153] "Laan van Zevenhuizen" segment[1/2]	n.v.t.	2994	2763	132	99	0	3.833	Nee
75	75, [Weg 19153] "Laan van Zevenhuizen" segment[2/2]	n.v.t.	2994	2763	132	99	0	3.833	Nee
76	76, [Weg 19154] "Laan van Zevenhuizen" segment[1/2]	n.v.t.	1565 4	1498 6	476	192	0	2.833	Nee
77	77, [Weg 19154] "Laan van Zevenhuizen" segment[2/2]	n.v.t.	1565 4	1498 6	476	192	0	2.833	Nee
78	78, [Weg 19155] "Laan van Zevenhuizen" segment[1/1]	n.v.t.	1735 0	1654 3	618	189	0	3.167	Nee
79	79, [Weg 19156] "Laan van Zevenhuizen" segment[1/2]	n.v.t.	1734 2	1664 3	503	196	0	0.000	Nee
80	80, [Weg 19156] "Laan van Zevenhuizen" segment[2/2]	n.v.t.	1734 2	1664 3	503	196	0	0.000	Nee
81	81, [Weg 19157] "Laan van Zevenhuizen" segment[1/1]	n.v.t.	1734 2	1664 3	503	196	0	3.667	Nee
82	82, [Weg 19158] "Laan van Zevenhuizen" segment[1/4]	n.v.t.	1851 2	1779 6	518	198	0	0.000	Nee
83	83, [Weg 19158] "Laan van Zevenhuizen" segment[2/4]	n.v.t.	1851 2	1779 6	518	198	0	0.000	Nee
84	84, [Weg 19158] "Laan van Zevenhuizen" segment[3/4]	n.v.t.	1851 2	1779 6	518	198	0	0.000	Nee
85	85, [Weg 19158] "Laan van Zevenhuizen" segment[4/4]	n.v.t.	1851 2	1779 6	518	198	0	0.000	Nee
86	86, [Weg 19159] "Laan van Zevenhuizen" segment[1/1]	n.v.t.	1851 2	1779 6	518	198	0	3.500	Nee
87	87, [Weg 19160] "Laan van Zevenhuizen" segment[1/1]	n.v.t.	2312 2	2221 5	675	232	0	4.500	Nee
88	88, [Weg 19161] "Reeenlaan" segment[1/3]	n.v.t.	4841	4732	82	27	0	2.333	Nee
89	89, [Weg 19161] "Reeenlaan" segment[2/3]	n.v.t.	4841	4732	82	27	0	2.333	Nee
90	90, [Weg 19161] "Reeenlaan" segment[3/3]	n.v.t.	4841	4732	82	27	0	2.333	Nee
91	91, [Weg 19162] "Reeenlaan" segment[1/1]	n.v.t.	4935	4824	84	27	0	0.000	Nee
92	92, [Weg 19163] "Regentesselaan" segment[1/1]	n.v.t.	1120	1105	14	1	0	0.000	Nee



BIJLAGE: JOURNAALBESTANDEN PLANSITUATIE MET FUITE

applicatie	computerprogramma	STACKS+ V2024.2
	release datum	Release 2024-09-16
	versie PreSRM tool	24.010
datum berekening	starttijd berekening (datum/tijd)	27-2-2025 10:32
receptorpunten (rijksdriehoek)	totaal aantal receptorpunten	1
	meest westelijke punt (X-coord.)	195473
	meest oostelijke punt (X-coord.)	195473
	meest zuidelijke punt (Y-coord.)	470675
	meest noordelijke punt (Y-coord.)	470675
	receptorhoogte (m)	1.50
meteorologie	meteo-dataset	uit PreSRM
	begindatum en tijdstip	2005 1 1 1
	einddatum en tijdstip	2014 12 31 24
	X-coördinaat (m)	194930
	Y-coördinaat (m)	471055
	monte-carlo percentage (%)	100.0
terreinruwheid	ruwheidslengte (m)	0.72
	bron ruwheidslengte PreSRM (ja/nee)	ja
	ruwheidslengte bepaald in gebied	
	X-coord. links onder	192000
	Y-coord. links onder	468000
	X-coord. rechts boven	198000
	Y-coord. rechts boven	474000
stofgegevens	component	NO2
	toetsjaar	2030
	ozon correctie (ja/nee)	ja
	percentielen berekend (ja/nee)	nee
	middelingstijd percentielen (uur)	nvt
	depositie berekend	nee
	eigen achtergrondconcentratie gebruikt	nee
bronnen	aantal bronnen	100
wegverkeer	Werk- of weekdag VI	weekdag
	weekendfac.zat.LV	0.870
	weekendfac.zat.MV	0.520
	weekendfac.zat.ZV	0.330
	weekendfac.zon.LV	0.840
	weekendfac.zon.MV	0.340
	weekendfac.zon.ZV	0.160
zeezoutcorrectie (voor PM10)	concentratie (ug/m3)	nvt
	overschrijdingsdagen	nvt

De wegen uit het verkeersmodel zijn identiek aan de wegen in de plansituatie zonder Fuite en zijn niet opnieuw opgenomen.

92	92, [Weg 27450] "Weg Fuite, Wegverkeer Fuite" segment[1/7]	normaal	50	7.00	194943.4	471300.1	195005.5	471617.0
93	93, [Weg 27450] "Weg Fuite, Wegverkeer Fuite" segment[2/7]	normaal	50	7.00	195005.5	471617.0	195179.1	471601.5
94	94, [Weg 27450] "Weg Fuite, Wegverkeer Fuite" segment[3/7]	normaal	50	7.00	195179.1	471601.5	195331.6	471576.1
95	95, [Weg 27450] "Weg Fuite, Wegverkeer Fuite" segment[4/7]	normaal	50	7.00	195331.6	471576.1	195498.2	471522.4
96	96, [Weg 27450] "Weg Fuite, Wegverkeer Fuite" segment[5/7]	normaal	50	7.00	195498.2	471522.4	195502.4	471523.8
97	97, [Weg 27450] "Weg Fuite, Wegverkeer Fuite" segment[6/7]	normaal	50	7.00	195502.4	471523.8	195662.0	471447.6
98	98, [Weg 27450] "Weg Fuite, Wegverkeer Fuite" segment[7/7]	normaal	50	7.00	195662.0	471447.6	196154.7	471035.2

92	92, [Weg 27450] "Weg Fuite, Wegverkeer Fuite" segment[1/7]	322.9	0.0	0.0	0.0	0.0	0.0	0.000	1.00
93	93, [Weg 27450] "Weg Fuite, Wegverkeer Fuite" segment[2/7]	174.4	0.0	0.0	0.0	0.0	0.0	0.000	1.00
94	94, [Weg 27450] "Weg Fuite, Wegverkeer Fuite" segment[3/7]	154.6	0.0	0.0	0.0	0.0	0.0	0.000	1.00
95	95, [Weg 27450] "Weg Fuite, Wegverkeer Fuite" segment[4/7]	175.0	0.0	0.0	0.0	0.0	0.0	0.000	1.00
96	96, [Weg 27450] "Weg Fuite, Wegverkeer Fuite" segment[5/7]	4.5	0.0	0.0	0.0	0.0	0.0	0.000	1.00
97	97, [Weg 27450] "Weg Fuite, Wegverkeer Fuite" segment[6/7]	176.8	0.0	0.0	0.0	0.0	0.0	0.000	1.00
98	98, [Weg 27450] "Weg Fuite, Wegverkeer Fuite" segment[7/7]	642.5	0.0	0.0	0.0	0.0	0.0	0.000	1.00

92	92, [Weg 27450] "Weg Fuite, Wegverkeer Fuite" segment[1/7]	nvt	240	134	0	106	0	0.000	Nee
93	93, [Weg 27450] "Weg Fuite, Wegverkeer Fuite" segment[2/7]	nvt	240	134	0	106	0	0.000	Nee
94	94, [Weg 27450] "Weg Fuite, Wegverkeer Fuite" segment[3/7]	nvt	240	134	0	106	0	0.000	Nee
95	95, [Weg 27450] "Weg Fuite, Wegverkeer Fuite" segment[4/7]	nvt	240	134	0	106	0	0.000	Nee
96	96, [Weg 27450] "Weg Fuite, Wegverkeer Fuite" segment[5/7]	nvt	240	134	0	106	0	0.000	Nee
97	97, [Weg 27450] "Weg Fuite, Wegverkeer Fuite" segment[6/7]	nvt	240	134	0	106	0	0.000	Nee
98	98, [Weg 27450] "Weg Fuite, Wegverkeer Fuite" segment[7/7]	nvt	240	134	0	106	0	0.000	Nee

Bronkenmerken NO₂:

Administratie		Bron coördinaten		Gegevens gebouwinvloed					
bronnummer	bronnaam	X (m)	Y (m)	X gebouw	Y gebouw	hoogte gebouw (m)	breedte gebouw (m)	lengte gebouw (m)	oriëntatie

				(midden)	(midden)				gebouw (°)
99	99, [Oppervlaktebron 27451] "Stationair draaien"	19508 9.0	47127 8.2	0.0	0.0	0.0	0.0	0.0	0.0
100	100, [Schoorsteen 27448] "Stook Fuit, Stookinstallaties ..."	19502 8.4	47130 3.2	0.0	0.0	0.0	0.0	0.0	0.0

Administratie		Oppervlaktebron		Schoorsteen gegevens				
bronnummer	bronnaam	lengte bron (m)	breedte bron (m)	hoogte bron (m)	oriëntatie bron (°)	hoogte (m)	inw. diameter (m)	uitw. diameter (m)
99	99, [Oppervlaktebron 27451] "Stationair draaien"	34.5	38.5	1.5	173.7	0.0	0.00	0.00
100	100, [Schoorsteen 27448] "Stook Fuit, Stookinstallaties ..."	0.0	0.0	6.0	0.0	6.0	1.00	1.10

Administratie		Parameters				Emissie			
bronnummer	bronnaam	actuele rookgassnelheid (m/s)	rookgastemperatuur (K)	rookgas debiet (Nm ³ /s)	gem. warmte emissie (MW)	warmte-emissie afh. van meteo	emissievracht (kg/uur of ouE /s)	Perc. initieel NO ₂ (%)	emissie uren (aantal /jr)
99	99, [Oppervlaktebron 27451] "Stationair draaien"	0.0	0.0	0.000	0.00	nee	0.09	5.0	4696.7
100	100, [Schoorsteen 27448] "Stook Fuit, Stookinstallaties ..."	0.1	285.0	0.100	0.02	nee	0.05	5.0	8760.0

Bronkenmerken PM10:

Administratie		Bron coördinaten		Gegevens gebouwinvloed					
bronnummer	bronnaam	X (m)	Y (m)	X gebouw (midden)	Y gebouw (midden)	hoogte gebouw (m)	breedte gebouw (m)	lengte gebouw (m)	oriëntatie gebouw (°)
99	99, [Oppervlaktebron 27451] "Stationair draaien"	19508 9.0	47127 8.2	0.0	0.0	0.0	0.0	0.0	0.0

Administratie		Oppervlaktebron		Schoorsteen gegevens				
bronnummer	bronnaam	lengte bron (m)	breedte bron (m)	hoogte bron (m)	oriëntatie bron (°)	hoogte (m)	inw. diameter (m)	uitw. diameter (m)
99	99, [Oppervlaktebron 27451] "Stationair draaien"	34.5	38.5	1.5	173.7	0.0	0.00	0.00

Administratie		Parameters				Emissie			

bronnummer	bronnaam	actuele rookgasnelheid (m/s)	rookgastemperatuur (K)	rookgas debiet (Nm ³ /s)	gem. warmte emissie (MW)	warmte-emissie afh. van meteo	emissievraucht (kg/uur of ouE /s)	Perc.initieel NO ₂ (%)	emissieuren (aantal /jr)
99	99, [Oppervlakte bron 27451] "Stationair draaien"	0.0	0.0	0.000	0.00	nee	0.0017	nvt	4696.7

Bronkenmerken PM2,5:

Administratie		Bron coördinaten		Gegevens gebouwinvloed					
bronnummer	bronnaam	X (m)	Y (m)	X gebouw (midden)	Y gebouw (midden)	hoogte gebouw (m)	breedte gebouw (m)	lengte gebouw (m)	oriëntatie gebouw (°)
99	99, [Oppervlaktebron 27451] "Stationair draaien"	19508.9	47127.8	0.0	0.0	0.0	0.0	0.0	0.0

Administratie		Oppervlaktebron				Schoorsteen gegevens		
bronnummer	bronnaam	lengte bron (m)	breedte bron (m)	hoogte bron (m)	oriëntatie bron (°)	hoogte (m)	inw. diameter (m)	uitw. diameter (m)
99	99, [Oppervlaktebron 27451] " Stationair draaien "	34.5	38.5	1.5	173.7	0.0	0.00	0.00

Administratie		Parameters						Emissie		
bronnummer	bronnaam	actuele rookgasnelheid (m/s)	rookgastemperatuur (K)	rookgas debiet (Nm ³ /s)	gem. warmte emissie (MW)	warmte-emissie afh. van meteo	emissievraucht (kg/uur of ouE /s)	Perc.initieel NO ₂ (%)	emissieuren (aantal /jr)	
99	99, [Oppervlakte bron 27451] " Stationair draaien "	0.0	0.0	0.000	0.00	nee	0.0008	nvt	4696.7	



BIJLAGE: REFERENTIESITUATIE MET FUITE

applicatie	computerprogramma	STACKS+ V2024.2
	release datum	Release 2024-09-16
	versie PreSRM tool	24.010
datum berekening	starttijd berekening (datum/tijd)	27-2-2025 10:47
receptorpunten (rijksdriehoek)	totaal aantal receptorpunten	1
	meest westelijke punt (X-coord.)	195459
	meest oostelijke punt (X-coord.)	195459
	meest zuidelijke punt (Y-coord.)	470780
	meest noordelijke punt (Y-coord.)	470780
	receptorhoogte (m)	1.50
meteorologie	meteo-dataset	uit PreSRM
	begindatum en tijdstip	2005 1 1 1
	einddatum en tijdstip	2014 12 31 24
	X-coördinaat (m)	194930
	Y-coördinaat (m)	471055
	monte-carlo percentage (%)	100.0
terreinruwheid	ruwheidslengte (m)	0.70
	bron ruwheidslengte PreSRM (ja/nee)	ja
	ruwheidslengte bepaald in gebied	
	X-coord. links onder	191000
	Y-coord. links onder	468000
	X-coord. rechts boven	198000
	Y-coord. rechts boven	474000
stofgegevens	component	NO2
	toetsjaar	2030
	ozon correctie (ja/nee)	ja
	percentielen berekend (ja/nee)	nee
	middelingstijd percentielen (uur)	nvt
	depositie berekend	nee
	eigen achtergrondconcentratie gebruikt	nee
bronnen	aantal bronnen	101
wegverkeer	Werk- of weekdag VI	weekdag
	weekendfac.zat.LV	0.870
	weekendfac.zat.MV	0.520
	weekendfac.zat.ZV	0.330
	weekendfac.zon.LV	0.840
	weekendfac.zon.MV	0.340
	weekendfac.zon.ZV	0.160
zeezoutcorrectie (voor PM10)	concentratie (ug/m3)	n.v.t.
	overschrijdingsdagen	n.v.t.

De wegen uit het verkeersmodel zijn identiek aan de wegen in de referentiesituatie zonder Fuite en zijn niet opnieuw opgenomen.

92	92, [Weg 27450] "Weg Fuite, Wegverkeer Fuite" segment[1/7]	normaal	50	7.00	194943.4	471300.1	195005.5	471617.0
93	93, [Weg 27450] "Weg Fuite, Wegverkeer Fuite" segment[2/7]	normaal	50	7.00	195005.5	471617.0	195179.1	471601.5
94	94, [Weg 27450] "Weg Fuite, Wegverkeer Fuite" segment[3/7]	normaal	50	7.00	195179.1	471601.5	195331.6	471576.1
95	95, [Weg 27450] "Weg Fuite, Wegverkeer Fuite" segment[4/7]	normaal	50	7.00	195331.6	471576.1	195498.2	471522.4
96	96, [Weg 27450] "Weg Fuite, Wegverkeer Fuite" segment[5/7]	normaal	50	7.00	195498.2	471522.4	195502.4	471523.8
97	97, [Weg 27450] "Weg Fuite, Wegverkeer Fuite" segment[6/7]	normaal	50	7.00	195502.4	471523.8	195662.0	471447.6
98	98, [Weg 27450] "Weg Fuite, Wegverkeer Fuite" segment[7/7]	normaal	50	7.00	195662.0	471447.6	196154.7	471035.2

92	92, [Weg 27450] "Weg Fuite, Wegverkeer Fuite" segment[1/7]	322.9	0.0	0.0	0.0	0.0	0.0	0.000	1.00
93	93, [Weg 27450] "Weg Fuite, Wegverkeer Fuite" segment[2/7]	174.4	0.0	0.0	0.0	0.0	0.0	0.000	1.00
94	94, [Weg 27450] "Weg Fuite, Wegverkeer Fuite" segment[3/7]	154.6	0.0	0.0	0.0	0.0	0.0	0.000	1.00
95	95, [Weg 27450] "Weg Fuite, Wegverkeer Fuite" segment[4/7]	175.0	0.0	0.0	0.0	0.0	0.0	0.000	1.00
96	96, [Weg 27450] "Weg Fuite, Wegverkeer Fuite" segment[5/7]	4.5	0.0	0.0	0.0	0.0	0.0	0.000	1.00
97	97, [Weg 27450] "Weg Fuite, Wegverkeer Fuite" segment[6/7]	176.8	0.0	0.0	0.0	0.0	0.0	0.000	1.00
98	98, [Weg 27450] "Weg Fuite, Wegverkeer Fuite" segment[7/7]	642.5	0.0	0.0	0.0	0.0	0.0	0.000	1.00

92	92, [Weg 27450] "Weg Fuite, Wegverkeer Fuite" segment[1/7]	n.v.t.	240	134	0	106	0	0.000	Nee
93	93, [Weg 27450] "Weg Fuite, Wegverkeer Fuite" segment[2/7]	n.v.t.	240	134	0	106	0	0.000	Nee
94	94, [Weg 27450] "Weg Fuite, Wegverkeer Fuite" segment[3/7]	n.v.t.	240	134	0	106	0	0.000	Nee
95	95, [Weg 27450] "Weg Fuite, Wegverkeer Fuite" segment[4/7]	n.v.t.	240	134	0	106	0	0.000	Nee
96	96, [Weg 27450] "Weg Fuite, Wegverkeer Fuite" segment[5/7]	n.v.t.	240	134	0	106	0	0.000	Nee
97	97, [Weg 27450] "Weg Fuite, Wegverkeer Fuite" segment[6/7]	n.v.t.	240	134	0	106	0	0.000	Nee
98	98, [Weg 27450] "Weg Fuite, Wegverkeer Fuite" segment[7/7]	n.v.t.	240	134	0	106	0	0.000	Nee

Bronkenmerken NO₂:

Administratie		Bron coördinaten		Gegevens gebouwinvloed					
bronnummer	bronnaam	X (m)	Y (m)	X gebouw	Y gebouw	hoogte gebouw (m)	breedte gebouw (m)	lengte gebouw (m)	oriëntatie

				(midden)	(midden)				gebouw (°)
99	99, [Oppervlaktebron 27451] "Stationair draaien"	19508 9.0	47127 8.2	0.0	0.0	0.0	0.0	0.0	0.0
100	100, [Schoorsteen 27448] "Stook Fuit, Stookinstallaties ..."	19502 8.4	47130 3.2	0.0	0.0	0.0	0.0	0.0	0.0

Administratie		Oppervlaktebron		Schoorsteen gegevens				
bronnummer	bronnaam	lengte bron (m)	breedte bron (m)	hoogte bron (m)	oriëntatie bron (°)	hoogte (m)	inw. diameter (m)	uitw. diameter (m)
99	99, [Oppervlaktebron 27451] "Stationair draaien"	34.5	38.5	1.5	173.7	0.0	0.00	0.00
100	100, [Schoorsteen 27448] "Stook Fuit, Stookinstallaties ..."	0.0	0.0	6.0	0.0	6.0	1.00	1.10

Administratie		Parameters				Emissie			
bronnummer	bronnaam	actuele rookgassnelheid (m/s)	rookgastemperatuur (K)	rookgas debiet (Nm ³ /s)	gem. warmte emissie (MW)	warmte-emissie afh. van meteo	emissievracht (kg/uur of ouE /s)	Perc. initieel NO ₂ (%)	emissie uren (aantal /jr)
99	99, [Oppervlaktebron 27451] "Stationair draaien"	0.0	0.0	0.000	0.00	nee	0.09	5.0	4696.7
100	100, [Schoorsteen 27448] "Stook Fuit, Stookinstallaties ..."	0.1	285.0	0.100	0.02	nee	0.05	5.0	8760.0

Bronkenmerken PM10:

Administratie		Bron coördinaten		Gegevens gebouwinvloed					
bronnummer	bronnaam	X (m)	Y (m)	X gebouw (midden)	Y gebouw (midden)	hoogte gebouw (m)	breedte gebouw (m)	lengte gebouw (m)	oriëntatie gebouw (°)
99	99, [Oppervlaktebron 27451] "Stationair draaien"	19508 9.0	47127 8.2	0.0	0.0	0.0	0.0	0.0	0.0

Administratie		Oppervlaktebron		Schoorsteen gegevens				
bronnummer	bronnaam	lengte bron (m)	breedte bron (m)	hoogte bron (m)	oriëntatie bron (°)	hoogte (m)	inw. diameter (m)	uitw. diameter (m)
99	99, [Oppervlaktebron 27451] "Stationair draaien"	34.5	38.5	1.5	173.7	0.0	0.00	0.00

Administratie		Parameters				Emissie			
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bronnummer	bronnaam	actuele rookgasnelheid (m/s)	rookgastemperatuur (K)	rookgas debiet (Nm ³ /s)	gem. warmte emissie (MW)	warmte-emissie afh. van meteo	emissievraucht (kg/uur of ouE /s)	Perc.initieel NO ₂ (%)	emissie uren (aantal /jr)
99	99, [Oppervlakte bron 27451] "Stationair draaien"	0.0	0.0	0.000	0.00	nee	0.0017	nvt	4696.7

Bronkenmerken PM2,5:

Administratie		Bron coördinaten		Gegevens gebouwinvloed					
bronnummer	bronnaam	X (m)	Y (m)	X gebouw (midden)	Y gebouw (midden)	hoogte gebouw (m)	breedte gebouw (m)	lengte gebouw (m)	oriëntatie gebouw (°)
99	99, [Oppervlaktebron 27451] "Stationair draaien"	19508.9	47127.8	0.0	0.0	0.0	0.0	0.0	0.0

Administratie		Oppervlaktebron				Schoorsteen gegevens		
bronnummer	bronnaam	lengte bron (m)	breedte bron (m)	hoogte bron (m)	oriëntatie bron (°)	hoogte (m)	inw. diameter (m)	uitw. diameter (m)
99	99, [Oppervlaktebron 27451] " Stationair draaien "	34.5	38.5	1.5	173.7	0.0	0.00	0.00

Administratie		Parameters						Emissie		
bronnummer	bronnaam	actuele rookgasnelheid (m/s)	rookgastemperatuur (K)	rookgas debiet (Nm ³ /s)	gem. warmte emissie (MW)	warmte-emissie afh. van meteo	emissievraucht (kg/uur of ouE /s)	Perc.initieel NO ₂ (%)	emissie uren (aantal /jr)	
99	99, [Oppervlakte bron 27451] " Stationair draaien "	0.0	0.0	0.000	0.00	nee	0.0008	nvt	4696.7	



BIJLAGE: PUNTRESULTATEN REFERENTIESITUATIE

X	Y	CONC_NO	BGR_NO2	LIMH_NO2	CONC_PM	BGR_PM10	LIMD_PM10	CONC_PM	BGR_PM25
193500	469700	8.543	8.522	0	13.2	13.2	6	68.371	6.836
193500	469800	8.544	8.522	0	13.2	13.2	6	68.372	6.836
193500	469900	8.545	8.522	0	13.2	13.19	6	68.372	6.836
193500	470000	8.292	8.268	0	13.08	13.07	6	67.663	6.765
193500	470100	8.293	8.268	0	13.08	13.07	6	67.663	6.765
193500	470200	8.294	8.268	0	13.08	13.07	6	67.664	6.765
193500	470300	8.295	8.268	0	13.08	13.07	6	67.665	6.765
193600	469700	8.544	8.522	0	13.2	13.2	6	68.372	6.836
193600	469800	8.545	8.522	0	13.2	13.19	6	68.372	6.836
193600	469900	8.546	8.522	0	13.2	13.19	6	68.373	6.836
193600	470000	8.293	8.268	0	13.08	13.07	6	67.664	6.765
193600	470100	8.294	8.268	0	13.08	13.07	6	67.664	6.765
193600	470200	8.296	8.268	0	13.08	13.07	6	67.665	6.765
193600	470300	8.297	8.268	0	13.08	13.07	6	67.666	6.765
193600	470400	8.298	8.268	0	13.08	13.07	6	67.666	6.765
193600	470500	8.3	8.268	0	13.08	13.07	6	67.667	6.765
193600	470600	8.301	8.268	0	13.08	13.07	6	67.668	6.765
193600	470700	8.303	8.268	0	13.08	13.07	6	67.669	6.765
193600	470800	8.304	8.268	0	13.08	13.07	6	6.767	6.765
193600	470900	8.306	8.268	0	13.08	13.07	6	67.671	6.765
193600	471000	8.181	8.142	0	12.88	12.87	6	66.422	6.64
193700	469700	8.545	8.522	0	13.2	13.19	6	68.373	6.836
193700	469800	8.546	8.522	0	13.2	13.19	6	68.373	6.836
193700	469900	8.547	8.522	0	13.2	13.19	6	68.374	6.836
193700	470000	8.294	8.267	0	13.08	13.07	6	67.664	6.765
193700	470100	8.296	8.268	0	13.08	13.07	6	67.665	6.765
193700	470200	8.297	8.268	0	13.08	13.07	6	67.666	6.765
193700	470300	8.299	8.268	0	13.08	13.07	6	67.667	6.765
193700	470400	8.3	8.267	0	13.08	13.07	6	67.668	6.765
193700	470500	8.302	8.268	0	13.08	13.07	6	67.668	6.765
193700	470600	8.304	8.268	0	13.08	13.07	6	67.669	6.765
193700	470700	8.305	8.267	0	13.08	13.07	6	6.767	6.765
193700	470800	8.307	8.268	0	13.08	13.07	6	67.671	6.765
193700	470900	8.309	8.268	0	13.08	13.07	6	67.673	6.765
193700	471000	8.185	8.142	0	12.89	12.88	6	66.424	6.64
193700	471100	8.187	8.142	0	12.89	12.88	6	66.426	6.64
193700	471200	8.19	8.142	0	12.89	12.88	6	66.429	6.64
193700	471300	8.194	8.142	0	12.89	12.88	6	66.431	6.64
193700	471400	8.2	8.142	0	12.89	12.88	6	66.435	6.64
193700	471500	8.212	8.142	0	12.89	12.87	6	66.444	6.64
193700	471600	8.288	8.142	0	12.91	12.87	6	66.494	6.64
193700	471700	8.216	8.142	0	12.9	12.88	6	66.452	6.64
193800	469700	8.546	8.521	0	13.2	13.19	6	68.373	6.836
193800	469800	8.547	8.521	0	13.2	13.19	6	68.374	6.836
193800	469900	8.548	8.521	0	13.2	13.19	6	68.375	6.836
193800	470000	8.296	8.268	0	13.08	13.07	6	67.665	6.765
193800	470100	8.297	8.267	0	13.08	13.07	6	67.666	6.765
193800	470200	8.299	8.268	0	13.08	13.07	6	67.667	6.765
193800	470300	8.301	8.268	0	13.08	13.07	6	67.668	6.765
193800	470400	8.303	8.268	0	13.08	13.07	6	67.669	6.765
193800	470500	8.305	8.268	0	13.08	13.07	6	6.767	6.765
193800	470600	8.307	8.268	0	13.08	13.07	6	67.671	6.765

193800	470700	8.309	8.268	0	13.08	13.07	6	67.672	6.765
193800	470800	8.311	8.268	0	13.09	13.08	6	67.673	6.765
193800	470900	8.313	8.268	0	13.09	13.08	6	67.675	6.765
193800	471000	8.189	8.142	0	12.89	12.88	6	66.427	6.64
193800	471100	8.193	8.142	0	12.89	12.88	6	66.429	6.64
193800	471200	8.197	8.142	0	12.89	12.88	6	66.432	6.64
193800	471300	8.203	8.142	0	12.89	12.87	6	66.437	6.64
193800	471400	8.213	8.142	0	12.89	12.87	6	66.444	6.64
193800	471500	8.242	8.142	0	12.9	12.87	6	66.462	6.64
193800	471600	-200	-200	0	-200	-200	-200	-200	-200
193800	471700	8.243	8.142	0	12.9	12.87	6	66.471	6.64
193800	471800	8.204	8.142	0	12.89	12.87	6	66.443	6.64
193800	471900	8.192	8.142	0	12.89	12.88	6	66.434	6.64
193800	472000	7.019	6.974	0	12.41	12.4	6	63.449	6.342
193800	472100	7.015	6.975	0	12.41	12.4	6	63.446	6.342
193800	472200	7.012	6.975	0	12.41	12.4	6	63.444	6.342
193800	472300	7.009	6.974	0	12.41	12.4	6	63.443	6.342
193800	472400	7.007	6.974	0	12.4	12.39	6	63.441	6.342
193900	469700	8.548	8.522	0	13.2	13.19	6	68.374	6.836
193900	469800	8.549	8.522	0	13.2	13.19	6	68.375	6.836
193900	469900	8.55	8.522	0	13.2	13.19	6	68.376	6.836
193900	470000	8.298	8.268	0	13.08	13.07	6	67.666	6.765
193900	470100	8.299	8.268	0	13.08	13.07	6	67.667	6.765
193900	470200	8.301	8.267	0	13.08	13.07	6	67.668	6.765
193900	470300	8.304	8.268	0	13.08	13.07	6	67.67	6.765
193900	470400	8.307	8.268	0	13.08	13.07	6	67.671	6.765
193900	470500	8.308	8.268	0	13.08	13.07	6	67.672	6.765
193900	470600	8.31	8.268	0	13.09	13.08	6	67.673	6.765
193900	470700	8.312	8.268	0	13.09	13.08	6	67.674	6.765
193900	470800	8.315	8.268	0	13.09	13.08	6	67.675	6.765
193900	470900	8.317	8.268	0	13.09	13.08	6	67.677	6.765
193900	471000	8.194	8.142	0	12.89	12.88	6	66.429	6.64
193900	471100	8.199	8.142	0	12.89	12.88	6	66.432	6.64
193900	471200	8.205	8.142	0	12.89	12.88	6	66.437	6.64
193900	471300	8.214	8.142	0	12.89	12.87	6	66.443	6.64
193900	471400	8.231	8.142	0	12.9	12.88	6	66.455	6.64
193900	471500	8.282	8.142	0	12.91	12.87	6	66.487	6.64
193900	471600	8.488	8.142	0	12.98	12.88	6	66.646	6.64
193900	471700	8.246	8.142	0	12.91	12.88	6	66.472	6.64
193900	471800	8.212	8.142	0	12.9	12.88	6	66.448	6.64
193900	471900	8.2	8.142	0	12.89	12.87	6	66.439	6.64
193900	472000	7.025	6.975	0	12.41	12.4	6	63.453	6.342
193900	472100	7.02	6.975	0	12.41	12.4	6	63.45	6.342
193900	472200	7.016	6.975	0	12.41	12.4	6	63.447	6.342
193900	472300	7.013	6.975	0	12.41	12.4	6	63.445	6.342
193900	472400	7.01	6.974	0	12.41	12.4	6	63.443	6.342
193900	472500	7.008	6.974	0	12.4	12.39	6	63.442	6.342
193900	472600	7.006	6.974	0	12.4	12.39	6	63.44	6.342
193900	472700	7.004	6.974	0	12.4	12.39	6	63.439	6.342
193900	472800	7.003	6.975	0	12.4	12.39	6	63.438	6.342
194000	469600	9.679	9.652	0	13.5	13.49	6	69.885	6.987
194000	469700	9.68	9.652	0	13.5	13.49	6	69.885	6.987
194000	469800	9.681	9.652	0	13.5	13.49	6	69.886	6.987

194000	469900	9.682	9.652	0	13.5	13.49	6	69.887	6.987
194000	470000	8.178	8.146	0	12.88	12.87	6	66.308	6.629
194000	470100	8.18	8.146	0	12.88	12.87	6	66.308	6.629
194000	470200	8.182	8.146	0	12.88	12.87	6	6.631	6.629
194000	470300	8.185	8.146	0	12.88	12.87	6	66.311	6.629
194000	470400	8.191	8.146	0	12.89	12.88	6	66.315	6.629
194000	470500	8.193	8.146	0	12.89	12.88	6	66.316	6.629
194000	470600	8.193	8.146	0	12.89	12.88	6	66.316	6.629
194000	470700	8.195	8.146	0	12.89	12.88	6	66.317	6.629
194000	470800	8.197	8.145	0	12.89	12.88	6	66.318	6.629
194000	470900	8.2	8.146	0	12.89	12.88	6	6.632	6.629
194000	471000	7.85	7.792	0	12.86	12.85	6	66.202	6.617
194000	471100	7.856	7.793	0	12.86	12.85	6	66.206	6.617
194000	471200	7.863	7.792	0	12.86	12.84	6	66.211	6.617
194000	471300	7.878	7.792	0	12.87	12.85	6	66.221	6.617
194000	471400	7.906	7.792	0	12.87	12.84	6	66.239	6.617
194000	471500	8.013	7.792	0	12.9	12.84	6	66.307	6.617
194000	471600	8.017	7.792	0	12.91	12.85	6	66.328	6.617
194000	471700	7.9	7.792	0	12.88	12.85	6	66.245	6.617
194000	471800	7.871	7.792	0	12.87	12.85	6	66.224	6.617
194000	471900	7.857	7.792	0	12.86	12.84	6	66.213	6.617
194000	472000	8.388	8.332	0	12.66	12.64	6	64.947	6.491
194000	472100	8.382	8.332	0	12.66	12.65	6	64.943	6.491
194000	472200	8.377	8.331	0	12.66	12.65	6	6.494	6.491
194000	472300	8.374	8.332	0	12.66	12.65	6	64.937	6.491
194000	472400	8.371	8.332	0	12.66	12.65	6	64.935	6.491
194000	472500	8.368	8.332	0	12.66	12.65	6	64.933	6.491
194000	472600	8.366	8.332	0	12.65	12.64	6	64.932	6.491
194000	472700	8.364	8.332	0	12.65	12.64	6	64.931	6.491
194000	472800	8.362	8.332	0	12.65	12.64	6	64.929	6.491
194100	469600	9.681	9.652	0	13.5	13.49	6	69.886	6.987
194100	469700	9.682	9.652	0	13.5	13.49	6	69.887	6.987
194100	469800	9.683	9.652	0	13.5	13.49	6	69.887	6.987
194100	469900	9.685	9.653	0	13.5	13.49	6	69.888	6.987
194100	470000	8.18	8.146	0	12.88	12.87	6	66.309	6.629
194100	470100	8.182	8.146	0	12.88	12.87	6	6.631	6.629
194100	470200	8.185	8.146	0	12.88	12.87	6	66.311	6.629
194100	470300	8.189	8.146	0	12.89	12.88	6	66.314	6.629
194100	470400	8.202	8.146	0	12.89	12.88	6	66.322	6.629
194100	470500	8.222	8.146	0	12.9	12.88	6	66.338	6.629
194100	470600	8.201	8.146	0	12.89	12.88	6	66.322	6.629
194100	470700	8.201	8.146	0	12.89	12.88	6	6.632	6.629
194100	470800	8.203	8.146	0	12.89	12.88	6	66.321	6.629
194100	470900	8.207	8.146	0	12.89	12.88	6	66.323	6.629
194100	471000	7.857	7.792	0	12.86	12.85	6	66.206	6.617
194100	471100	7.863	7.792	0	12.86	12.84	6	6.621	6.617
194100	471200	7.873	7.792	0	12.86	12.84	6	66.216	6.617
194100	471300	7.892	7.792	0	12.87	12.85	6	66.228	6.617
194100	471400	7.938	7.792	0	12.88	12.84	6	66.258	6.617
194100	471500	8.308	7.792	0	12.98	12.85	6	66.485	6.617
194100	471600	8.003	7.793	0	12.91	12.85	6	66.316	6.617
194100	471700	7.91	7.793	0	12.88	12.85	6	66.251	6.617
194100	471800	7.88	7.792	0	12.87	12.85	6	6.623	6.617

194100	471900	7.865	7.792	0	12.87	12.85	6	66.219	6.617
194100	472000	8.395	8.332	0	12.66	12.64	6	64.952	6.491
194100	472100	8.388	8.332	0	12.66	12.64	6	64.947	6.491
194100	472200	8.382	8.331	0	12.66	12.65	6	64.943	6.491
194100	472300	8.378	8.332	0	12.66	12.65	6	64.94	6.491
194100	472400	8.374	8.331	0	12.66	12.65	6	64.938	6.491
194100	472500	8.371	8.332	0	12.66	12.65	6	64.936	6.491
194100	472600	8.369	8.332	0	12.66	12.65	6	64.934	6.491
194100	472700	8.366	8.332	0	12.65	12.64	6	64.932	6.491
194100	472800	8.364	8.332	0	12.65	12.64	6	64.931	6.491
194200	469600	9.683	9.652	0	13.5	13.49	6	69.887	6.987
194200	469700	9.685	9.652	0	13.5	13.49	6	69.888	6.987
194200	469800	9.686	9.652	0	13.5	13.49	6	69.889	6.987
194200	469900	9.688	9.653	0	13.5	13.49	6	69.89	6.987
194200	470000	8.183	8.146	0	12.88	12.87	6	66.311	6.629
194200	470100	8.185	8.146	0	12.88	12.87	6	66.312	6.629
194200	470200	8.188	8.146	0	12.89	12.88	6	66.313	6.629
194200	470300	8.192	8.145	0	12.89	12.88	6	66.316	6.629
194200	470400	8.202	8.146	0	12.89	12.88	6	66.321	6.629
194200	470500	8.291	8.146	0	12.91	12.88	6	66.376	6.629
194200	470600	8.215	8.146	0	12.89	12.87	6	66.332	6.629
194200	470700	8.209	8.146	0	12.89	12.88	6	66.326	6.629
194200	470800	8.21	8.146	0	12.89	12.88	6	66.326	6.629
194200	470900	8.214	8.146	0	12.89	12.87	6	66.327	6.629
194200	471000	7.865	7.792	0	12.86	12.84	6	66.21	6.617
194200	471100	7.872	7.792	0	12.86	12.84	6	66.214	6.617
194200	471200	7.883	7.792	0	12.87	12.85	6	66.221	6.617
194200	471300	7.906	7.793	0	12.87	12.84	6	66.236	6.617
194200	471400	7.971	7.792	0	12.89	12.85	6	66.275	6.617
194200	471500	8.919	7.792	0	13.13	12.85	6	66.862	6.617
194200	471600	8.027	7.792	0	12.91	12.84	6	66.334	6.617
194200	471700	7.927	7.792	0	12.88	12.84	6	66.263	6.617
194200	471800	7.893	7.792	0	12.87	12.84	6	66.239	6.617
194200	471900	7.875	7.792	0	12.87	12.85	6	66.225	6.617
194200	472000	8.403	8.332	0	12.66	12.64	6	64.957	6.491
194200	472100	8.394	8.331	0	12.66	12.64	6	64.951	6.491
194200	472200	8.388	8.332	0	12.66	12.64	6	64.947	6.491
194200	472300	8.383	8.332	0	12.66	12.65	6	64.943	6.491
194200	472400	8.379	8.332	0	12.66	12.65	6	64.94	6.491
194200	472500	8.375	8.332	0	12.66	12.65	6	64.938	6.491
194200	472600	8.372	8.332	0	12.66	12.65	6	64.936	6.491
194200	472700	8.369	8.332	0	12.66	12.65	6	64.934	6.491
194200	472800	8.367	8.332	0	12.66	12.65	6	64.933	6.491
194300	469600	9.686	9.652	0	13.5	13.49	6	69.889	6.987
194300	469700	9.689	9.653	0	13.5	13.49	6	69.891	6.987
194300	469800	9.69	9.652	0	13.5	13.49	6	69.892	6.987
194300	469900	9.692	9.653	0	13.5	13.49	6	69.892	6.987
194300	470000	8.187	8.146	0	12.89	12.88	6	66.313	6.629
194300	470100	8.189	8.146	0	12.89	12.88	6	66.314	6.629
194300	470200	8.192	8.146	0	12.89	12.88	6	66.316	6.629
194300	470300	8.196	8.146	0	12.89	12.88	6	66.318	6.629
194300	470400	8.203	8.146	0	12.89	12.88	6	66.322	6.629
194300	470500	8.222	8.146	0	12.89	12.87	6	66.333	6.629

194300	470600	8.253	8.146	0	12.9	12.87	6	6.636	6.629
194300	470700	8.219	8.146	0	12.89	12.87	6	66.333	6.629
194300	470800	8.22	8.146	0	12.89	12.87	6	66.331	6.629
194300	470900	8.223	8.146	0	12.89	12.87	6	66.332	6.629
194300	471000	7.875	7.792	0	12.86	12.84	6	66.215	6.617
194300	471100	7.882	7.792	0	12.87	12.85	6	66.219	6.617
194300	471200	7.894	7.792	0	12.87	12.85	6	66.227	6.617
194300	471300	7.918	7.792	0	12.88	12.85	6	66.242	6.617
194300	471400	7.989	7.792	0	12.89	12.84	6	66.284	6.617
194300	471500	8.59	7.792	0	13.04	12.84	6	66.644	6.617
194300	471600	8.122	7.792	0	12.94	12.84	6	66.402	6.617
194300	471700	7.956	7.793	0	12.89	12.84	6	66.283	6.617
194300	471800	7.91	7.793	0	12.88	12.85	6	6.625	6.617
194300	471900	7.887	7.792	0	12.87	12.84	6	66.233	6.617
194300	472000	8.412	8.332	0	12.67	12.65	6	64.963	6.491
194300	472100	8.402	8.332	0	12.66	12.64	6	64.956	6.491
194300	472200	8.395	8.332	0	12.66	12.64	6	64.951	6.491
194300	472300	8.388	8.332	0	12.66	12.64	6	64.947	6.491
194300	472400	8.383	8.332	0	12.66	12.65	6	64.943	6.491
194300	472500	8.379	8.332	0	12.66	12.65	6	64.941	6.491
194300	472600	8.375	8.332	0	12.66	12.65	6	64.938	6.491
194300	472700	8.372	8.332	0	12.66	12.65	6	64.936	6.491
194300	472800	8.369	8.332	0	12.66	12.65	6	64.934	6.491
194400	469600	9.69	9.652	0	13.5	13.49	6	69.891	6.987
194400	469700	9.693	9.652	0	13.51	13.5	6	69.893	6.987
194400	469800	9.696	9.652	0	13.51	13.5	6	69.895	6.987
194400	469900	9.697	9.652	0	13.51	13.5	6	69.896	6.987
194400	470000	8.193	8.146	0	12.89	12.88	6	66.317	6.629
194400	470100	8.195	8.146	0	12.89	12.88	6	66.318	6.629
194400	470200	8.198	8.146	0	12.89	12.88	6	66.319	6.629
194400	470300	8.201	8.146	0	12.89	12.88	6	66.321	6.629
194400	470400	8.206	8.146	0	12.89	12.88	6	66.324	6.629
194400	470500	8.216	8.146	0	12.89	12.87	6	66.329	6.629
194400	470600	8.268	8.146	0	12.9	12.87	6	66.362	6.629
194400	470700	8.237	8.146	0	12.9	12.88	6	66.345	6.629
194400	470800	8.235	8.146	0	12.9	12.88	6	66.341	6.629
194400	470900	8.238	8.146	0	12.9	12.88	6	66.341	6.629
194400	471000	7.888	7.792	0	12.87	12.85	6	66.222	6.617
194400	471100	7.895	7.792	0	12.87	12.85	6	66.225	6.617
194400	471200	7.906	7.792	0	12.87	12.84	6	66.232	6.617
194400	471300	7.93	7.792	0	12.88	12.85	6	66.247	6.617
194400	471400	7.99	7.792	0	12.89	12.84	6	66.284	6.617
194400	471500	8.284	7.792	0	12.96	12.84	6	66.458	6.617
194400	471600	8.272	7.792	0	12.98	12.84	6	66.505	6.617
194400	471700	7.991	7.792	0	12.9	12.84	6	66.307	6.617
194400	471800	7.93	7.792	0	12.88	12.84	6	66.264	6.617
194400	471900	7.902	7.792	0	12.88	12.85	6	66.243	6.617
194400	472000	8.424	8.332	0	12.67	12.65	6	6.497	6.491
194400	472100	8.412	8.332	0	12.67	12.65	6	64.962	6.491
194400	472200	8.402	8.331	0	12.66	12.64	6	64.956	6.491
194400	472300	8.395	8.332	0	12.66	12.64	6	64.951	6.491
194400	472400	8.389	8.332	0	12.66	12.64	6	64.947	6.491
194400	472500	8.384	8.332	0	12.66	12.65	6	64.944	6.491

194400	472600	8.379	8.332	0	12.66	12.65	6	64.941	6.491
194400	472700	8.376	8.332	0	12.66	12.65	6	64.939	6.491
194400	472800	8.372	8.332	0	12.66	12.65	6	64.936	6.491
194500	469600	9.695	9.652	0	13.51	13.5	6	69.894	6.987
194500	469700	9.7	9.653	0	13.51	13.5	6	69.897	6.987
194500	469800	9.704	9.652	0	13.51	13.5	6	6.99	6.987
194500	469900	9.706	9.652	0	13.51	13.5	6	69.901	6.987
194500	470000	8.202	8.146	0	12.89	12.88	6	66.322	6.629
194500	470100	8.203	8.146	0	12.89	12.88	6	66.323	6.629
194500	470200	8.206	8.146	0	12.89	12.88	6	66.324	6.629
194500	470300	8.208	8.146	0	12.89	12.88	6	66.325	6.629
194500	470400	8.211	8.146	0	12.89	12.87	6	66.327	6.629
194500	470500	8.217	8.146	0	12.89	12.87	6	6.633	6.629
194500	470600	8.233	8.146	0	12.9	12.88	6	66.339	6.629
194500	470700	8.353	8.146	0	12.93	12.87	6	66.428	6.629
194500	470800	8.492	8.146	0	12.97	12.88	6	66.516	6.629
194500	470900	8.283	8.146	0	12.91	12.88	6	66.372	6.629
194500	471000	7.912	7.792	0	12.87	12.84	6	66.236	6.617
194500	471100	7.914	7.792	0	12.87	12.84	6	66.235	6.617
194500	471200	7.923	7.792	0	12.87	12.84	6	6.624	6.617
194500	471300	7.943	7.792	0	12.88	12.85	6	66.253	6.617
194500	471400	7.991	7.793	0	12.89	12.84	6	66.283	6.617
194500	471500	8.163	7.792	0	12.93	12.84	6	66.385	6.617
194500	471600	8.652	7.792	0	13.09	12.84	6	66.773	6.617
194500	471700	8.037	7.792	0	12.91	12.84	6	66.337	6.617
194500	471800	7.954	7.792	0	12.89	12.85	6	66.279	6.617
194500	471900	7.919	7.792	0	12.88	12.85	6	66.253	6.617
194500	472000	8.437	8.332	0	12.67	12.64	6	64.979	6.491
194500	472100	8.422	8.331	0	12.67	12.65	6	64.969	6.491
194500	472200	8.411	8.332	0	12.67	12.65	6	64.962	6.491
194500	472300	8.402	8.332	0	12.66	12.64	6	64.956	6.491
194500	472400	8.395	8.332	0	12.66	12.64	6	64.951	6.491
194500	472500	8.389	8.332	0	12.66	12.64	6	64.947	6.491
194500	472600	8.384	8.332	0	12.66	12.65	6	64.944	6.491
194500	472700	8.38	8.332	0	12.66	12.65	6	64.941	6.491
194500	472800	8.376	8.332	0	12.66	12.65	6	64.939	6.491
194600	469600	9.701	9.652	0	13.51	13.5	6	69.898	6.987
194600	469700	9.708	9.652	0	13.51	13.5	6	69.902	6.987
194600	469800	9.716	9.653	0	13.51	13.5	6	69.907	6.987
194600	469900	9.721	9.652	0	13.51	13.49	6	69.911	6.987
194600	470000	8.217	8.146	0	12.89	12.87	6	66.331	6.629
194600	470100	8.218	8.146	0	12.89	12.87	6	66.332	6.629
194600	470200	8.219	8.146	0	12.89	12.87	6	66.332	6.629
194600	470300	8.219	8.146	0	12.89	12.87	6	66.332	6.629
194600	470400	8.22	8.146	0	12.89	12.87	6	66.333	6.629
194600	470500	8.224	8.146	0	12.89	12.87	6	66.334	6.629
194600	470600	8.232	8.146	0	12.9	12.88	6	66.338	6.629
194600	470700	8.246	8.146	0	12.9	12.88	6	66.346	6.629
194600	470800	8.267	8.146	0	12.9	12.87	6	66.357	6.629
194600	470900	8.316	8.146	0	12.91	12.87	6	66.385	6.629
194600	471000	8.059	7.792	0	12.91	12.84	6	6.634	6.617
194600	471100	7.955	7.792	0	12.88	12.84	6	66.259	6.617
194600	471200	7.948	7.792	0	12.88	12.85	6	66.252	6.617

194600	471300	7.961	7.792	0	12.88	12.84	6	66.261	6.617
194600	471400	7.999	7.793	0	12.89	12.84	6	66.285	6.617
194600	471500	8.113	7.792	0	12.92	12.84	6	66.353	6.617
194600	471600	-200	-200	0	-200	-200	-200	-200	-200
194600	471700	8.105	7.793	0	12.93	12.84	6	66.381	6.617
194600	471800	7.984	7.792	0	12.9	12.85	6	66.297	6.617
194600	471900	7.939	7.792	0	12.88	12.84	6	66.265	6.617
194600	472000	8.453	8.332	0	12.68	12.65	6	64.988	6.491
194600	472100	8.435	8.332	0	12.67	12.64	6	64.977	6.491
194600	472200	8.423	8.332	0	12.67	12.65	6	64.968	6.491
194600	472300	8.412	8.332	0	12.67	12.65	6	64.961	6.491
194600	472400	8.403	8.332	0	12.66	12.64	6	64.956	6.491
194600	472500	8.396	8.332	0	12.66	12.64	6	64.951	6.491
194600	472600	8.39	8.332	0	12.66	12.64	6	64.947	6.491
194600	472700	8.384	8.332	0	12.66	12.65	6	64.944	6.491
194700	469500	9.701	9.652	0	13.51	13.5	6	69.897	6.987
194700	469600	9.709	9.652	0	13.51	13.5	6	69.902	6.987
194700	469700	9.719	9.652	0	13.51	13.49	6	69.908	6.987
194700	469800	9.734	9.653	0	13.51	13.49	6	69.917	6.987
194700	469900	9.751	9.652	0	13.52	13.5	6	69.928	6.987
194700	470000	8.253	8.146	0	12.9	12.87	6	66.354	6.629
194700	470100	8.251	8.146	0	12.9	12.87	6	66.353	6.629
194700	470200	8.244	8.146	0	12.9	12.88	6	66.349	6.629
194700	470300	8.239	8.146	0	12.9	12.88	6	66.345	6.629
194700	470400	8.237	8.146	0	12.9	12.88	6	66.343	6.629
194700	470500	8.239	8.146	0	12.9	12.88	6	66.343	6.629
194700	470600	8.243	8.146	0	12.9	12.88	6	66.344	6.629
194700	470700	8.251	8.146	0	12.9	12.88	6	66.348	6.629
194700	470800	8.262	8.146	0	12.9	12.87	6	66.353	6.629
194700	470900	8.281	8.146	0	12.9	12.87	6	66.362	6.629
194700	471000	7.968	7.792	0	12.88	12.84	6	66.262	6.617
194700	471100	8.146	7.792	0	12.93	12.85	6	66.369	6.617
194700	471200	7.997	7.792	0	12.89	12.85	6	66.277	6.617
194700	471300	7.992	7.792	0	12.89	12.85	6	66.274	6.617
194700	471400	8.022	7.792	0	12.9	12.85	6	66.294	6.617
194700	471500	8.106	7.792	0	12.92	12.85	6	66.346	6.617
194700	471600	8.716	7.793	0	13.07	12.85	6	66.714	6.617
194700	471700	8.215	7.792	0	12.96	12.84	6	66.456	6.617
194700	471800	8.021	7.792	0	12.91	12.85	6	6.632	6.617
194700	471900	7.963	7.792	0	12.89	12.84	6	6.628	6.617
194700	472000	8.473	8.332	0	12.68	12.64	6 6.5		6.491
194700	472100	8.452	8.332	0	12.68	12.65	6	64.987	6.491
194700	472200	8.437	8.332	0	12.67	12.64	6	64.977	6.491
194700	472300	8.424	8.332	0	12.67	12.65	6	64.969	6.491
194700	472400	8.413	8.332	0	12.67	12.65	6	64.962	6.491
194700	472500	8.404	8.332	0	12.66	12.64	6	64.956	6.491
194700	472600	8.396	8.331	0	12.66	12.64	6	64.952	6.491
194700	472700	8.39	8.332	0	12.66	12.64	6	64.947	6.491
194800	469500	9.709	9.652	0	13.51	13.5	6	69.902	6.987
194800	469600	9.72	9.653	0	13.51	13.49	6	69.908	6.987
194800	469700	9.735	9.652	0	13.51	13.49	6	69.918	6.987
194800	469800	9.76	9.652	0	13.52	13.49	6	69.933	6.987
194800	469900	9.812	9.652	0	13.53	13.49	6	69.963	6.987

194800	470000	8.528	8.146	0	12.97	12.88	6	66.515	6.629
194800	470100	8.394	8.145	0	12.94	12.88	6	66.443	6.629
194800	470200	8.338	8.146	0	12.92	12.87	6	66.405	6.629
194800	470300	8.312	8.146	0	12.91	12.87	6	66.388	6.629
194800	470400	8.299	8.146	0	12.91	12.88	6	66.378	6.629
194800	470500	8.293	8.146	0	12.91	12.88	6	66.373	6.629
194800	470600	8.29	8.146	0	12.91	12.88	6	66.637	6.629
194800	470700	8.292	8.146	0	12.91	12.88	6	66.637	6.629
194800	470800	8.296	8.146	0	12.91	12.88	6	66.371	6.629
194800	470900	8.304	8.146	0	12.91	12.88	6	66.374	6.629
194800	471000	7.982	7.792	0	12.89	12.85	6	66.268	6.617
194800	471100	8.355	7.792	0	12.97	12.84	6	66.489	6.617
194800	471200	8.061	7.792	0	12.9	12.85	6	66.298	6.617
194800	471300	8.048	7.792	0	12.9	12.85	6	66.295	6.617
194800	471400	8.071	7.792	0	12.9	12.84	6	66.313	6.617
194800	471500	8.142	7.792	0	12.92	12.84	6	66.361	6.617
194800	471600	8.56	7.792	0	13.03	12.84	6	66.621	6.617
194800	471700	8.32	7.792	0	12.99	12.84	6	66.525	6.617
194800	471800	8.063	7.792	0	12.92	12.85	6	66.345	6.617
194800	471900	7.995	7.792	0	12.9	12.85	6	66.298	6.617
194800	472000	8.499	8.332	0	12.69	12.65	6	65.014	6.491
194800	472100	8.475	8.332	0	12.68	12.64	6	64.999	6.491
194800	472200	8.456	8.331	0	12.68	12.65	6	64.988	6.491
194800	472300	8.44	8.332	0	12.67	12.64	6	64.978	6.491
194800	472400	8.426	8.331	0	12.67	12.65	6	64.97	6.491
194800	472500	8.414	8.331	0	12.67	12.65	6	64.963	6.491
194800	472600	8.405	8.332	0	12.66	12.64	6	64.957	6.491
194800	472700	8.397	8.332	0	12.66	12.64	6	64.952	6.491
194900	469500	9.719	9.652	0	13.51	13.49	6	69.908	6.987
194900	469600	9.736	9.652	0	13.52	13.5	6	69.918	6.987
194900	469700	9.758	9.652	0	13.52	13.49	6	69.931	6.987
194900	469800	9.8	9.652	0	13.53	13.5	6	69.955	6.987
194900	469900	9.924	9.652	0	13.56	13.5	6	70.026	6.987
194900	470000	11.358	8.146	0	13.72	12.87	6	68.354	6.629
194900	470100	8.46	8.146	0	12.96	12.88	6	66.486	6.629
194900	470200	8.368	8.146	0	12.93	12.88	6	66.421	6.629
194900	470300	8.35	8.146	0	12.92	12.87	6	66.405	6.629
194900	470400	8.353	8.146	0	12.92	12.87	6	66.404	6.629
194900	470500	8.368	8.146	0	12.92	12.87	6	66.409	6.629
194900	470600	8.39	8.146	0	12.93	12.88	6	66.419	6.629
194900	470700	8.421	8.146	0	12.93	12.87	6	66.433	6.629
194900	470800	8.466	8.146	0	12.94	12.87	6	66.456	6.629
194900	470900	8.615	8.146	0	12.98	12.87	6	66.655	6.629
194900	471000	-200	-200	0	-200	-200	-200	-200	-200
194900	471100	8.705	7.793	0	13.07	12.85	6	66.722	6.617
194900	471200	8.329	7.792	0	12.95	12.84	6	66.433	6.617
194900	471300	8.254	7.792	0	12.93	12.84	6	66.388	6.617
194900	471400	8.226	7.792	0	12.93	12.84	6	66.383	6.617
194900	471500	8.262	7.792	0	12.95	12.85	6	66.419	6.617
194900	471600	8.772	7.792	0	13.08	12.84	6	66.743	6.617
194900	471700	8.355	7.793	0	13	12.85	6	66.535	6.617
194900	471800	8.114	7.792	0	12.93	12.85	6	66.371	6.617
194900	471900	8.041	7.792	0	12.91	12.85	6	66.322	6.617

194900	472000	8.539	8.332	0	12.7	12.65	6	65.036	6.491
194900	472100	8.509	8.332	0	12.69	12.65	6	65.018	6.491
194900	472200	8.485	8.332	0	12.68	12.64	6	65.004	6.491
194900	472300	8.464	8.332	0	12.68	12.65	6	64.992	6.491
194900	472400	8.445	8.332	0	12.67	12.64	6	64.981	6.491
194900	472500	8.429	8.332	0	12.67	12.65	6	64.971	6.491
194900	472600	8.416	8.332	0	12.67	12.65	6	64.964	6.491
194900	472700	8.405	8.332	0	12.66	12.64	6	64.957	6.491
195000	469500	9.74	9.655	0	13.36	13.34	6	68.779	6.873
195000	469600	9.77	9.655	0	13.37	13.34	6	68.797	6.873
195000	469700	9.804	9.655	0	13.38	13.34	6	68.818	6.873
195000	469800	9.863	9.655	0	13.39	13.34	6	68.852	6.873
195000	469900	10.121	9.656	0	13.45	13.34	6	68.994	6.873
195000	470000	9.634	8.637	0	13.3	13.04	6	68.035	6.739
195000	470100	8.902	8.637	0	13.11	13.04	6	67.562	6.739
195000	470200	8.802	8.637	0	13.08	13.04	6	67.494	6.739
195000	470300	8.77	8.636	0	13.07	13.04	6	67.471	6.739
195000	470400	8.76	8.637	0	13.06	13.03	6	67.461	6.739
195000	470500	8.758	8.637	0	13.06	13.03	6	67.458	6.739
195000	470600	8.762	8.637	0	13.06	13.03	6	67.458	6.739
195000	470700	8.769	8.636	0	13.06	13.03	6	67.461	6.739
195000	470800	8.782	8.637	0	13.07	13.04	6	67.466	6.739
195000	470900	8.803	8.637	0	13.07	13.04	6	67.475	6.739
195000	471000	8.993	8.788	0	13.05	13.01	6	66.731	6.663
195000	471100	9.075	8.789	0	13.06	13.01	6	66.763	6.663
195000	471200	9.214	8.789	0	13.08	13.01	6	66.803	6.663
195000	471300	9.377	8.789	0	13.1	13.01	6	66.851	6.663
195000	471400	9.532	8.789	0	13.14	13.01	6	66.949	6.663
195000	471500	9.891	8.788	0	13.24	13.01	6	67.199	6.663
195000	471600	11.548	8.789	0	13.68	13.01	6	68.272	6.663
195000	471700	9.507	8.788	0	13.18	13	6	67.065	6.663
195000	471800	9.236	8.788	0	13.11	13	6	66.893	6.663
195000	471900	9.143	8.789	0	13.09	13.01	6	66.837	6.663
195000	472000	8.745	8.449	0	12.79	12.72	6	65.033	6.486
195000	472100	8.689	8.449	0	12.77	12.71	6	65.003	6.486
195000	472200	8.653	8.45	0	12.77	12.72	6	64.983	6.486
195000	472300	8.622	8.45	0	12.76	12.72	6	64.965	6.486
195000	472400	8.593	8.449	0	12.75	12.71	6	64.948	6.486
195000	472500	8.569	8.45	0	12.75	12.72	6	64.934	6.486
195000	472600	8.55	8.45	0	12.74	12.71	6	64.923	6.486
195000	472700	8.534	8.45	0	12.74	12.72	6	64.913	6.486
195100	469500	9.772	9.656	0	13.37	13.34	6	68.796	6.873
195100	469600	9.868	9.655	0	13.4	13.35	6	68.854	6.873
195100	469700	9.992	9.655	0	13.43	13.34	6	68.938	6.873
195100	469800	9.999	9.655	0	13.43	13.34	6	68.939	6.873
195100	469900	10.523	9.655	0	13.55	13.35	6	69.223	6.873
195100	470000	9.295	8.636	0	13.21	13.04	6	67.813	6.739
195100	470100	8.881	8.637	0	13.1	13.04	6	67.548	6.739
195100	470200	8.79	8.637	0	13.07	13.03	6	67.487	6.739
195100	470300	8.758	8.637	0	13.07	13.04	6	67.464	6.739
195100	470400	8.745	8.637	0	13.06	13.03	6	67.454	6.739
195100	470500	8.741	8.637	0	13.06	13.04	6	67.449	6.739
195100	470600	8.742	8.636	0	13.06	13.04	6	67.448	6.739

195100	470700	8.749	8.637	0	13.06	13.04	6	6.745	6.739	
195100	470800	8.76	8.637	0	13.06	13.03	6	67.453	6.739	
195100	470900	8.777	8.637	0	13.06	13.03	6	6.746	6.739	
195100	471000	8.959	8.789	0	13.04	13.01	6	6.671	6.663	
195100	471100	9.01	8.789	0	13.04		13	6	66.724	6.663
195100	471200	9.113	8.788	0	13.05		13	6	66.744	6.663
195100	471300	9.365	8.788	0	13.06		13	6	66.771	6.663
195100	471400	9.368	8.789	0	13.08		13	6	66.817	6.663
195100	471500	9.439	8.789	0	13.13	13.01	6	66.927	6.663	
195100	471600	11.536	8.789	0	13.67	13.01	6	6.825	6.663	
195100	471700	9.565	8.789	0	13.2	13.01	6	67.097	6.663	
195100	471800	9.37	8.789	0	13.14		13	6	66.969	6.663
195100	471900	9.306	8.789	0	13.13	13.01	6	66.926	6.663	
195100	472000	8.939	8.45	0	12.83	12.72	6	65.133	6.486	
195100	472100	8.829	8.449	0	12.81	12.72	6	65.081	6.486	
195100	472200	8.763	8.45	0	12.79	12.71	6	65.044	6.486	
195100	472300	8.707	8.45	0	12.78	12.72	6	65.013	6.486	
195100	472400	8.652	8.45	0	12.76	12.71	6	64.982	6.486	
195100	472500	8.607	8.45	0	12.75	12.71	6	64.957	6.486	
195100	472600	8.574	8.45	0	12.75	12.72	6	64.937	6.486	
195100	472700	8.55	8.45	0	12.74	12.71	6	64.923	6.486	
195200	469500	9.845	9.655	0	13.39	13.35	6	68.838	6.873	
195200	469600	10.582	9.655	0	13.57	13.35	6	69.271	6.873	
195200	469700	10.257	9.655	0	13.49	13.34	6	69.094	6.873	
195200	469800	10.822	9.655	0	13.63	13.34	6	69.424	6.873	
195200	469900	12.384	9.656	0	14.01	13.35	6	70.347	6.873	
195200	470000	9.076	8.637	0	13.15	13.04	6	67.669	6.739	
195200	470100	8.844	8.637	0	13.09	13.04	6	67.522	6.739	
195200	470200	8.777	8.637	0	13.07	13.03	6	67.478	6.739	
195200	470300	8.749	8.637	0	13.06	13.03	6	67.458	6.739	
195200	470400	8.737	8.637	0	13.06	13.04	6	67.449	6.739	
195200	470500	8.733	8.637	0	13.06	13.04	6	67.445	6.739	
195200	470600	8.735	8.637	0	13.06	13.04	6	67.444	6.739	
195200	470700	8.74	8.636	0	13.06	13.04	6	67.445	6.739	
195200	470800	8.751	8.637	0	13.06	13.04	6	67.448	6.739	
195200	470900	8.767	8.637	0	13.06	13.03	6	67.454	6.739	
195200	471000	8.944	8.788	0	13.03		13	6	66.702	6.663
195200	471100	8.985	8.789	0	13.04	13.01	6	66.714	6.663	
195200	471200	9.042	8.789	0	13.05	13.01	6	6.673	6.663	
195200	471300	9.129	8.788	0	13.06	13.01	6	66.756	6.663	
195200	471400	9.211	8.789	0	13.08	13.01	6	66.802	6.663	
195200	471500	9.417	8.789	0	13.13		13	6	66.938	6.663
195200	471600	14.202	8.788	0	14.4		13	6	70.052	6.663
195200	471700	11.891	8.789	0	13.75	13.01	6	68.448	6.663	
195200	471800	-200	-200	0	-200	-200	-200	-200	-200	-200
195200	471900	11.32	8.789	0	13.64		13	6	6.819	6.663
195200	472000	9.96	8.45	0	13.09	12.72	6	65.769	6.486	
195200	472100	9.612	8.449	0	12.99	12.72	6	65.529	6.486	
195200	472200	9.26	8.45	0	12.9	12.71	6	65.323	6.486	
195200	472300	9.006	8.45	0	12.85	12.72	6	65.181	6.486	
195200	472400	8.809	8.45	0	12.8	12.71	6	65.071	6.486	
195200	472500	8.688	8.45	0	12.77	12.71	6	65.002	6.486	
195200	472600	8.616	8.45	0	12.76	12.72	6	64.961	6.486	

195300	469500	10.382	9.655	0	13.51	13.34	6	69.137	6.873
195300	469600	10.106	9.655	0	13.46	13.35	6	69.006	6.873
195300	469700	9.917	9.656	0	13.41	13.35	6	68.887	6.873
195300	469800	9.931	9.655	0	13.41	13.34	6	68.891	6.873
195300	469900	9.974	9.655	0	13.42	13.34	6	68.917	6.873
195300	470000	8.871	8.637	0	13.09	13.03	6	67.531	6.739
195300	470100	8.796	8.637	0	13.08	13.04	6	67.488	6.739
195300	470200	8.758	8.637	0	13.07	13.04	6	67.464	6.739
195300	470300	8.739	8.637	0	13.06	13.04	6	67.451	6.739
195300	470400	8.73	8.637	0	13.06	13.04	6	67.444	6.739
195300	470500	8.727	8.636	0	13.06	13.04	6	67.441	6.739
195300	470600	8.73	8.637	0	13.06	13.04	6	67.441	6.739
195300	470700	8.736	8.637	0	13.06	13.04	6	67.442	6.739
195300	470800	8.745	8.636	0	13.06	13.04	6	67.445	6.739
195300	470900	8.761	8.637	0	13.06	13.04	6	67.451	6.739
195300	471000	8.935	8.789	0	13.03	13	6	66.699	6.663
195300	471100	8.964	8.789	0	13.04	13.01	6	6.671	6.663
195300	471200	9.007	8.789	0	13.04	13	6	66.726	6.663
195300	471300	9.067	8.788	0	13.06	13.01	6	66.753	6.663
195300	471400	9.161	8.788	0	13.08	13.01	6	66.806	6.663
195300	471500	9.46	8.789	0	13.15	13.01	6	66.975	6.663
195300	471600	11.072	8.789	0	13.58	13.01	6	68.037	6.663
195300	471700	9.629	8.789	0	13.21	13.01	6	67.125	6.663
195300	471800	9.412	8.789	0	13.15	13.01	6	66.985	6.663
195300	471900	9.399	8.789	0	13.15	13.01	6	66.974	6.663
195300	472000	9.105	8.45	0	12.86	12.71	6	65.223	6.486
195300	472100	9.257	8.45	0	12.89	12.71	6	65.291	6.486
195300	472200	9.541	8.45	0	12.95	12.72	6	6.543	6.486
195300	472300	10.68	8.45	0	13.18	12.72	6	6.6	6.486
195300	472400	9.859	8.45	0	13.04	12.71	6	65.667	6.486
195300	472500	8.962	8.45	0	12.83	12.71	6	65.151	6.486
195300	472600	8.705	8.45	0	12.77	12.71	6	65.008	6.486
195400	469400	9.734	9.656	0	13.36	13.34	6	68.773	6.873
195400	469500	9.778	9.655	0	13.37	13.34	6	68.799	6.873
195400	469600	9.808	9.656	0	13.38	13.34	6	68.817	6.873
195400	469700	9.803	9.655	0	13.38	13.34	6	68.816	6.873
195400	469800	9.807	9.655	0	13.38	13.34	6	68.819	6.873
195400	469900	9.812	9.656	0	13.38	13.34	6	68.822	6.873
195400	470000	8.779	8.637	0	13.07	13.04	6	67.473	6.739
195400	470100	8.755	8.637	0	13.06	13.03	6	6.746	6.739
195400	470200	8.738	8.637	0	13.06	13.04	6	67.449	6.739
195400	470300	8.727	8.636	0	13.06	13.04	6	67.443	6.739
195400	470400	8.723	8.637	0	13.05	13.03	6	67.439	6.739
195400	470500	8.722	8.636	0	13.05	13.03	6	67.438	6.739
195400	470600	8.725	8.636	0	13.05	13.03	6	67.438	6.739
195400	470700	8.732	8.637	0	13.06	13.04	6	6.744	6.739
195400	470800	8.742	8.636	0	13.06	13.04	6	67.444	6.739
195400	470900	8.756	8.636	0	13.06	13.04	6	67.449	6.739
195400	471000	8.927	8.789	0	13.03	13	6	66.698	6.663
195400	471100	8.953	8.789	0	13.04	13.01	6	6.671	6.663
195400	471200	8.992	8.789	0	13.04	13	6	66.727	6.663
195400	471300	9.048	8.788	0	13.06	13.01	6	66.757	6.663
195400	471400	9.157	8.789	0	13.08	13	6	66.817	6.663

195400	471500	9.587	8.789	0	13.18		13	6	67.058	6.663
195400	471600	9.86	8.788	0	13.27	13.01		6	67.274	6.663
195400	471700	9.314	8.789	0	13.13		13	6	66.938	6.663
195400	471800	9.194	8.789	0	13.1		13	6	66.864	6.663
195400	471900	9.156	8.789	0	13.09	13.01		6	66.838	6.663
195400	472000	8.813	8.45	0	12.8	12.72		6	65.061	6.486
195400	472100	8.833	8.45	0	12.8	12.72		6	65.068	6.486
195400	472200	8.879	8.45	0	12.81	12.72		6	65.088	6.486
195400	472300	8.979	8.45	0	12.83	12.72		6	65.133	6.486
195400	472400	9.283	8.45	0	12.88	12.71		6	65.274	6.486
195400	472500	11.072	8.449	0	13.17	12.71		6	66.039	6.486
195400	472600	9.036	8.45	0	12.83	12.72		6	65.156	6.486
195500	469400	9.716	9.655	0	13.36	13.35		6	68.763	6.873
195500	469500	9.733	9.655	0	13.36	13.34		6	68.773	6.873
195500	469600	9.746	9.655	0	13.37	13.35		6	68.781	6.873
195500	469700	9.753	9.655	0	13.37	13.35		6	68.785	6.873
195500	469800	9.758	9.655	0	13.37	13.35		6	68.789	6.873
195500	469900	9.759	9.655	0	13.37	13.35		6	68.79	6.873
195500	470000	8.737	8.636	0	13.06	13.04		6	67.448	6.739
195500	470100	8.729	8.636	0	13.06	13.04		6	67.443	6.739
195500	470200	8.722	8.637	0	13.05	13.03		6	67.439	6.739
195500	470300	8.717	8.636	0	13.05	13.03		6	67.436	6.739
195500	470400	8.716	8.637	0	13.05	13.03		6	67.434	6.739
195500	470500	8.717	8.637	0	13.05	13.03		6	67.434	6.739
195500	470600	8.721	8.636	0	13.05	13.03		6	67.435	6.739
195500	470700	8.729	8.637	0	13.05	13.03		6	67.438	6.739
195500	470800	8.739	8.637	0	13.06	13.04		6	67.442	6.739
195500	470900	8.753	8.637	0	13.06	13.04		6	67.449	6.739
195500	471000	8.923	8.788	0	13.03		13	6	66.698	6.663
195500	471100	8.95	8.788	0	13.04	13.01		6	66.711	6.663
195500	471200	8.989	8.789	0	13.05	13.01		6	66.732	6.663
195500	471300	9.051	8.789	0	13.06		13	6	66.766	6.663
195500	471400	9.187	8.789	0	13.09		13	6	66.842	6.663
195500	471500	10.089	8.789	0	13.3		13	6	67.359	6.663
195500	471600	9.442	8.788	0	13.17	13.01		6	67.031	6.663
195500	471700	9.174	8.789	0	13.1	13.01		6	66.859	6.663
195500	471800	9.094	8.788	0	13.08	13.01		6	66.808	6.663
195500	471900	9.062	8.789	0	13.07	13.01		6	66.786	6.663
195500	472000	8.712	8.45	0	12.77	12.71		6	65.006	6.486
195500	472100	8.713	8.45	0	12.77	12.71		6	65.004	6.486
195500	472200	8.725	8.449	0	12.78	12.72		6	65.008	6.486
195500	472300	8.751	8.45	0	12.78	12.72		6	65.018	6.486
195500	472400	8.798	8.449	0	12.79	12.72		6	65.036	6.486
195500	472500	8.887	8.45	0	12.79	12.71		6	65.064	6.486
195500	472600	9.014	8.45	0	12.81	12.72		6	65.101	6.486
195600	469400	9.705	9.655	0	13.36	13.35		6	68.757	6.873
195600	469500	9.714	9.655	0	13.36	13.35		6	68.762	6.873
195600	469600	9.722	9.655	0	13.36	13.34		6	68.767	6.873
195600	469700	9.728	9.655	0	13.36	13.34		6	68.771	6.873
195600	469800	9.733	9.655	0	13.36	13.34		6	68.774	6.873
195600	469900	9.734	9.655	0	13.36	13.34		6	68.775	6.873
195600	470000	8.716	8.637	0	13.05	13.03		6	67.435	6.739
195600	470100	8.713	8.636	0	13.05	13.03		6	67.433	6.739

195600	470200	8.711	8.637	0	13.05	13.03	6	67.431	6.739
195600	470300	8.709	8.636	0	13.05	13.03	6	6.743	6.739
195600	470400	8.71	8.637	0	13.05	13.03	6	6.743	6.739
195600	470500	8.712	8.636	0	13.05	13.03	6	67.431	6.739
195600	470600	8.717	8.636	0	13.05	13.03	6	67.433	6.739
195600	470700	8.725	8.636	0	13.05	13.03	6	67.436	6.739
195600	470800	8.737	8.637	0	13.06	13.04	6	67.442	6.739
195600	470900	8.752	8.637	0	13.06	13.04	6	67.449	6.739
195600	471000	8.924	8.788	0	13.03	13	6	6.67	6.663
195600	471100	8.954	8.789	0	13.04	13	6	66.716	6.663
195600	471200	8.999	8.788	0	13.05	13	6	66.741	6.663
195600	471300	9.081	8.789	0	13.07	13.01	6	66.788	6.663
195600	471400	9.319	8.789	0	13.12	13	6	66.923	6.663
195600	471500	10.402	8.788	0	13.43	13.01	6	67.654	6.663
195600	471600	9.241	8.789	0	13.12	13.01	6	66.907	6.663
195600	471700	9.092	8.789	0	13.08	13.01	6	66.811	6.663
195600	471800	9.035	8.788	0	13.06	13	6	66.775	6.663
195600	471900	9.007	8.788	0	13.06	13.01	6	66.756	6.663
195600	472000	8.657	8.45	0	12.76	12.71	6	64.976	6.486
195600	472100	8.651	8.45	0	12.76	12.71	6	64.971	6.486
195600	472200	8.652	8.45	0	12.76	12.72	6	6.497	6.486
195600	472300	8.657	8.45	0	12.76	12.72	6	6.497	6.486
195600	472400	8.667	8.45	0	12.76	12.71	6	64.973	6.486
195600	472500	8.67	8.45	0	12.76	12.72	6	64.971	6.486
195600	472600	8.653	8.45	0	12.76	12.72	6	64.962	6.486
195700	469400	9.699	9.656	0	13.35	13.34	6	68.753	6.873
195700	469500	9.704	9.655	0	13.36	13.35	6	68.757	6.873
195700	469600	9.709	9.655	0	13.36	13.35	6	6.876	6.873
195700	469700	9.714	9.655	0	13.36	13.35	6	68.763	6.873
195700	469800	9.718	9.655	0	13.36	13.35	6	68.765	6.873
195700	469900	9.72	9.656	0	13.36	13.35	6	68.766	6.873
195700	470000	8.703	8.637	0	13.05	13.04	6	67.427	6.739
195700	470100	8.703	8.637	0	13.05	13.04	6	67.426	6.739
195700	470200	8.702	8.636	0	13.05	13.04	6	67.426	6.739
195700	470300	8.703	8.637	0	13.05	13.04	6	67.426	6.739
195700	470400	8.705	8.637	0	13.05	13.04	6	67.426	6.739
195700	470500	8.708	8.637	0	13.05	13.03	6	67.428	6.739
195700	470600	8.713	8.636	0	13.05	13.03	6	6.743	6.739
195700	470700	8.722	8.637	0	13.05	13.03	6	67.434	6.739
195700	470800	8.734	8.637	0	13.06	13.04	6	67.441	6.739
195700	470900	8.753	8.637	0	13.06	13.04	6	67.451	6.739
195700	471000	8.93	8.789	0	13.04	13.01	6	66.704	6.663
195700	471100	8.967	8.789	0	13.04	13	6	66.725	6.663
195700	471200	9.03	8.788	0	13.06	13.01	6	66.761	6.663
195700	471300	9.185	8.788	0	13.1	13.01	6	6.685	6.663
195700	471400	10.668	8.788	0	13.45	13	6	67.723	6.663
195700	471500	9.401	8.789	0	13.16	13	6	67.009	6.663
195700	471600	9.119	8.788	0	13.09	13.01	6	66.832	6.663
195700	471700	9.034	8.788	0	13.07	13.01	6	66.777	6.663
195700	471800	8.994	8.788	0	13.05	13	6	66.751	6.663
195700	471900	8.971	8.789	0	13.05	13.01	6	66.736	6.663
195700	472000	8.62	8.449	0	12.75	12.71	6	64.957	6.486
195700	472100	8.613	8.45	0	12.75	12.71	6	64.951	6.486

195700	472200	8.609	8.45	0	12.75	12.71	6	64.947	6.486
195700	472300	8.607	8.45	0	12.75	12.72	6	64.945	6.486
195700	472400	8.605	8.45	0	12.75	12.72	6	64.943	6.486
195700	472500	8.6	8.45	0	12.75	12.72	6	64.939	6.486
195700	472600	8.587	8.45	0	12.74	12.71	6	64.932	6.486
195800	469400	9.694	9.656	0	13.35	13.34	6	68.751	6.873
195800	469500	9.698	9.656	0	13.35	13.34	6	68.753	6.873
195800	469600	9.702	9.656	0	13.36	13.35	6	68.755	6.873
195800	469700	9.706	9.656	0	13.36	13.35	6	68.758	6.873
195800	469800	9.708	9.655	0	13.36	13.35	6	68.759	6.873
195800	469900	9.711	9.656	0	13.36	13.35	6	68.761	6.873
195800	470000	8.694	8.637	0	13.05	13.04	6	67.421	6.739
195800	470100	8.695	8.637	0	13.05	13.04	6	67.422	6.739
195800	470200	8.696	8.636	0	13.05	13.04	6	67.422	6.739
195800	470300	8.698	8.637	0	13.05	13.04	6	67.423	6.739
195800	470400	8.7	8.636	0	13.05	13.04	6	67.424	6.739
195800	470500	8.704	8.637	0	13.05	13.04	6	67.425	6.739
195800	470600	8.71	8.637	0	13.05	13.03	6	67.428	6.739
195800	470700	8.719	8.637	0	13.05	13.03	6	67.433	6.739
195800	470800	8.733	8.637	0	13.06	13.04	6	6.744	6.739
195800	470900	8.755	8.637	0	13.06	13.03	6	67.452	6.739
195800	471000	8.941	8.789	0	13.04	13.01	6	66.711	6.663
195800	471100	8.995	8.789	0	13.05	13	6	66.741	6.663
195800	471200	9.12	8.788	0	13.08	13.01	6	66.812	6.663
195800	471300	9.787	8.789	0	13.24	13.01	6	6.72	6.663
195800	471400	9.555	8.789	0	13.2	13.01	6	67.105	6.663
195800	471500	9.153	8.789	0	13.1	13.01	6	66.853	6.663
195800	471600	9.043	8.789	0	13.07	13.01	6	66.784	6.663
195800	471700	8.99	8.788	0	13.05	13	6	66.751	6.663
195800	471800	8.962	8.789	0	13.05	13.01	6	66.732	6.663
195800	471900	8.944	8.789	0	13.04	13	6	6.672	6.663
195800	472000	8.594	8.45	0	12.75	12.72	6	64.942	6.486
195800	472100	8.586	8.45	0	12.75	12.72	6	64.937	6.486
195800	472200	8.58	8.45	0	12.74	12.71	6	64.933	6.486
195800	472300	8.576	8.45	0	12.74	12.71	6	6.493	6.486
195800	472400	8.571	8.449	0	12.74	12.71	6	64.926	6.486
195800	472500	8.566	8.45	0	12.74	12.71	6	64.923	6.486
195800	472600	8.556	8.45	0	12.74	12.72	6	64.918	6.486
195900	469400	9.69	9.655	0	13.35	13.34	6	68.749	6.873
195900	469500	9.693	9.655	0	13.35	13.34	6	68.751	68.731
195900	469600	9.696	9.655	0	13.35	13.34	6	68.752	6.873
195900	469700	9.7	9.656	0	13.35	13.34	6	68.754	6.873
195900	469800	9.702	9.655	0	13.36	13.35	6	68.756	6.873
195900	469900	9.704	9.655	0	13.36	13.35	6	68.757	6.873
195900	470000	8.688	8.637	0	13.05	13.04	6	67.418	6.739
195900	470100	8.69	8.637	0	13.05	13.04	6	67.419	6.739
195900	470200	8.691	8.636	0	13.05	13.04	6	67.419	6.739
195900	470300	8.694	8.637	0	13.05	13.04	6	6.742	6.739
195900	470400	8.697	8.637	0	13.05	13.04	6	67.422	6.739
195900	470500	8.701	8.637	0	13.05	13.04	6	67.424	6.739
195900	470600	8.707	8.637	0	13.05	13.03	6	67.427	6.739
195900	470700	8.716	8.636	0	13.05	13.03	6	67.432	6.739
195900	470800	8.732	8.637	0	13.06	13.04	6	6.744	6.739

195900	470900	8.76	8.637	0	13.06	13.03	6	67.455	6.739
195900	471000	8.962	8.789	0	13.04		13	66.723	6.663
195900	471100	9.062	8.788	0	13.07	13.01	6	66.779	6.663
195900	471200	9.5	8.789	0	13.17	13.01	6	67.023	6.663
195900	471300	9.744	8.788	0	13.24		13	6.721	6.663
195900	471400	9.177	8.789	0	13.1		13	66.866	6.663
195900	471500	9.049	8.789	0	13.07	13.01	6	66.787	6.663
195900	471600	8.99	8.789	0	13.05		13	66.751	6.663
195900	471700	8.957	8.788	0	13.05	13.01	6	6.673	6.663
195900	471800	8.936	8.789	0	13.04		13	66.717	6.663
195900	471900	8.922	8.789	0	13.04	13.01	6	66.707	6.663
195900	472000	8.573	8.449	0	12.74	12.71	6	64.931	6.486
195900	472100	8.566	8.45	0	12.74	12.71	6	64.926	6.486
195900	472200	8.561	8.45	0	12.74	12.71	6	64.923	6.486
195900	472300	8.556	8.45	0	12.74	12.72	6	64.919	6.486
195900	472400	8.551	8.45	0	12.74	12.72	6	64.916	6.486
195900	472500	8.545	8.45	0	12.74	12.72	6	64.913	6.486
196000	469900	9.281	9.237	0	13.17	13.16	6	67.664	6.764
196000	470000	8.882	8.835	0	13.15	13.14	6	67.735	6.771
196000	470100	8.884	8.835	0	13.15	13.14	6	67.736	6.771
196000	470200	8.886	8.835	0	13.15	13.14	6	67.737	6.771
196000	470300	8.889	8.836	0	13.15	13.14	6	67.738	6.771
196000	470400	8.892	8.835	0	13.15	13.14	6	6.774	6.771
196000	470500	8.897	8.836	0	13.15	13.14	6	67.742	6.771
196000	470600	8.903	8.836	0	13.15	13.14	6	67.745	6.771
196000	470700	8.913	8.836	0	13.15	13.13	6	6.775	6.771
196000	470800	8.929	8.836	0	13.15	13.13	6	67.759	6.771
196000	470900	8.963	8.835	0	13.16	13.13	6	67.777	6.771
196000	471000	8.474	8.256	0	12.95	12.9	6	66.606	6.649
196000	471100	8.781	8.256	0	13.02	12.9	6	66.775	6.649
196000	471200	9.539	8.256	0	13.22	12.91	6	67.261	6.649
196000	471300	8.66	8.256	0		13 12.9	6	66.731	6.649
196000	471400	8.517	8.256	0	12.97	12.91	6	66.646	6.649
196000	471500	8.455	8.256	0	12.95	12.9	6	66.608	6.649
196000	471600	8.42	8.256	0	12.94	12.9	6	66.587	6.649
196000	471700	8.398	8.256	0	12.94	12.91	6	66.573	6.649
196000	471800	8.383	8.256	0	12.94	12.91	6	66.564	6.649
196000	471900	8.372	8.256	0	12.93	12.9	6	66.558	6.649
196000	472000	7.942	7.834	0	12.81	12.78	6	66.012	6.595
196000	472100	7.936	7.834	0	12.81	12.79	6	66.008	6.595
196000	472200	7.931	7.835	0	12.81	12.79	6	66.004	6.595
196000	472300	7.926	7.834	0	12.81	12.79	6	66.001	6.595
196000	472400	7.921	7.834	0	12.8	12.78	6	65.999	6.595
196000	472500	7.916	7.834	0	12.8	12.78	6	65.996	6.595
196100	470600	8.9	8.836	0	13.15	13.14	6	67.744	6.771
196100	470700	8.909	8.835	0	13.15	13.13	6	67.749	6.771
196100	470800	8.926	8.835	0	13.15	13.13	6	67.758	6.771
196100	470900	8.964	8.836	0	13.16	13.13	6	67.777	6.771
196100	471000	8.567	8.255	0	12.97	12.9	6	66.652	6.649
196100	471100	10.091	8.256	0	13.36	12.91	6	67.594	6.649
196100	471200	8.67	8.256	0		13 12.9	6	66.732	6.649
196100	471300	8.509	8.256	0	12.97	12.91	6	66.639	6.649
196100	471400	8.448	8.256	0	12.95	12.9	6	66.603	6.649

196100	471500	8.414	8.256	0	12.94	12.9	6	66.582	6.649
196100	471600	8.392	8.256	0	12.94	12.91	6	66.569	6.649
196100	471700	8.376	8.256	0	12.93	12.9	6	6.656	6.649
196100	471800	8.365	8.256	0	12.93	12.9	6	66.553	6.649
196100	471900	8.357	8.256	0	12.93	12.91	6	66.548	6.649
196100	472000	7.929	7.834	0	12.81	12.79	6	66.004	6.595
196100	472100	7.924	7.834	0	12.81	12.79	6	66.001	6.595
196100	472200	7.919	7.834	0	12.8	12.78	6	65.998	6.595
196100	472300	7.915	7.835	0	12.8	12.78	6	65.995	6.595
196100	472400	7.91	7.834	0	12.8	12.78	6	65.993	6.595
196100	472500	7.906	7.834	0	12.8	12.78	6	6.599	6.595
196200	471300	8.431	8.256	0	12.95	12.91	6	6.659	6.649
196200	471400	8.402	8.256	0	12.94	12.91	6	66.574	6.649
196200	471500	8.383	8.256	0	12.94	12.91	6	66.564	6.649
196200	471600	8.37	8.256	0	12.93	12.9	6	66.556	6.649
196200	471700	8.359	8.256	0	12.93	12.91	6	6.655	6.649
196200	471800	8.351	8.256	0	12.93	12.91	6	66.545	6.649
196200	471900	8.345	8.256	0	12.93	12.91	6	66.541	6.649
196200	472000	7.918	7.834	0	12.8	12.78	6	65.998	6.595
196200	472100	7.913	7.834	0	12.8	12.78	6	65.995	6.595
196200	472200	7.909	7.834	0	12.8	12.78	6	65.993	6.595
196200	472300	7.906	7.834	0	12.8	12.78	6	6.599	6.595
196200	472400	7.902	7.834	0	12.8	12.78	6	65.988	6.595
196200	472500	7.898	7.834	0	12.8	12.79	6	65.986	6.595
196300	472000	7.909	7.835	0	12.8	12.78	6	65.992	6.595
196300	472100	7.905	7.834	0	12.8	12.78	6	6.599	6.595
196300	472200	7.902	7.835	0	12.8	12.78	6	65.988	6.595
196300	472300	7.898	7.834	0	12.8	12.79	6	65.986	6.595
196300	472400	7.895	7.834	0	12.8	12.79	6	65.985	6.595
196300	472500	7.892	7.834	0	12.8	12.79	6	65.983	6.595
194700	470675	8.248	8.145	0	12.9	12.88	6	66.346	6.629
194700	470700	8.251	8.146	0	12.9	12.88	6	66.348	6.629
194700	470725	8.253	8.146	0	12.9	12.88	6	66.349	6.629
194700	470750	8.256	8.146	0	12.9	12.88	6	6.635	6.629
194700	470775	8.259	8.146	0	12.9	12.88	6	66.351	6.629
194700	470800	8.262	8.146	0	12.9	12.87	6	66.353	6.629
194700	470825	8.266	8.146	0	12.9	12.87	6	66.355	6.629
194700	470850	8.27	8.146	0	12.9	12.87	6	66.357	6.629
194725	470675	8.254	8.146	0	12.9	12.88	6	66.349	6.629
194725	470700	8.256	8.146	0	12.9	12.88	6	6.635	6.629
194725	470725	8.258	8.146	0	12.9	12.88	6	66.351	6.629
194725	470750	8.26	8.146	0	12.9	12.87	6	66.352	6.629
194725	470775	8.263	8.146	0	12.9	12.87	6	66.353	6.629
194725	470800	8.266	8.146	0	12.9	12.87	6	66.355	6.629
194725	470825	8.269	8.146	0	12.9	12.87	6	66.356	6.629
194725	470850	8.273	8.146	0	12.9	12.87	6	66.358	6.629
194725	470875	8.277	8.146	0	12.9	12.87	6	6.636	6.629
194725	470900	8.282	8.146	0	12.91	12.88	6	66.362	6.629
194725	470925	8.289	8.146	0	12.91	12.88	6	66.365	6.629
194725	470950	8.297	8.146	0	12.91	12.88	6	66.369	6.629
194725	470975	8.306	8.146	0	12.91	12.88	6	66.374	6.629
194725	471000	7.966	7.792	0	12.88	12.84	6	6.626	6.617
194725	471025	7.982	7.792	0	12.89	12.85	6	66.269	6.617

194725	471050	8.005	7.792	0	12.89	12.85	6	66.281	6.617
194725	471075	8.045	7.793	0	12.9	12.85	6	66.304	6.617
194750	470675	8.261	8.146	0	12.9	12.87	6	66.353	6.629
194750	470700	8.263	8.146	0	12.9	12.87	6	66.354	6.629
194750	470725	8.265	8.146	0	12.9	12.87	6	66.355	6.629
194750	470750	8.267	8.146	0	12.9	12.87	6	66.356	6.629
194750	470775	8.269	8.146	0	12.9	12.87	6	66.357	6.629
194750	470800	8.271	8.146	0	12.9	12.87	6	66.358	6.629
194750	470825	8.274	8.146	0	12.9	12.87	6	66.359	6.629
194750	470850	8.278	8.146	0	12.9	12.87	6	66.361	6.629
194750	470875	8.282	8.146	0	12.9	12.87	6	66.362	6.629
194750	470900	8.286	8.146	0	12.91	12.88	6	66.365	6.629
194750	470925	8.292	8.146	0	12.91	12.88	6	66.367	6.629
194750	470950	8.299	8.146	0	12.91	12.88	6	66.371	6.629
194750	470975	8.309	8.146	0	12.91	12.88	6	66.375	6.629
194750	471000	7.968	7.793	0	12.88	12.84	6	66.261	6.617
194750	471025	7.984	7.792	0	12.89	12.85	6	66.269	6.617
194750	471050	8.009	7.793	0	12.89	12.84	6	66.282	6.617
194750	471075	8.053	7.792	0	12.9	12.84	6	66.308	6.617
194750	471100	8.206	7.793	0	12.94	12.85	6	6.64	6.617
194750	471125	8.222	7.793	0	12.95	12.84	6	66.434	6.617
194750	471150	8.075	7.792	0	12.91	12.85	6	66.326	6.617
194750	471175	8.039	7.793	0	12.9	12.85	6	66.297	6.617
194750	471200	8.025	7.792	0	12.89	12.84	6	66.286	6.617
194750	471225	8.019	7.792	0	12.89	12.84	6	66.282	6.617
194750	471250	8.015	7.792	0	12.89	12.85	6	6.628	6.617
194750	471275	8.014	7.793	0	12.89	12.84	6	66.281	6.617
194750	471300	8.015	7.792	0	12.89	12.84	6	66.283	6.617
194750	471325	8.018	7.792	0	12.89	12.84	6	66.286	6.617
194775	470675	8.272	8.146	0	12.9	12.87	6	66.359	6.629
194775	470700	8.274	8.146	0	12.9	12.87	6	6.636	6.629
194775	470725	8.275	8.146	0	12.9	12.87	6	6.636	6.629
194775	470750	8.277	8.146	0	12.9	12.87	6	66.361	6.629
194775	470775	8.279	8.146	0	12.9	12.87	6	66.362	6.629
194775	470800	8.281	8.146	0	12.9	12.87	6	66.363	6.629
194775	470825	8.283	8.146	0	12.91	12.88	6	66.364	6.629
194775	470850	8.286	8.146	0	12.91	12.88	6	66.365	6.629
194775	470875	8.289	8.146	0	12.91	12.88	6	66.366	6.629
194775	470900	8.293	8.146	0	12.91	12.88	6	66.368	6.629
194775	470925	8.298	8.146	0	12.91	12.88	6	66.371	6.629
194775	470950	8.305	8.146	0	12.91	12.88	6	66.374	6.629
194775	470975	8.314	8.146	0	12.91	12.87	6	66.378	6.629
194775	471000	7.973	7.792	0	12.88	12.84	6	66.264	6.617
194775	471025	7.99	7.792	0	12.89	12.85	6	66.272	6.617
194775	471050	8.017	7.792	0	12.89	12.84	6	66.286	6.617
194775	471075	8.068	7.792	0	12.9	12.84	6	66.315	6.617
194775	471100	8.266	7.792	0	12.95	12.84	6	66.436	6.617
194775	471125	8.198	7.793	0	12.94	12.84	6	66.413	6.617
194775	471150	8.083	7.792	0	12.91	12.85	6	66.327	6.617
194775	471175	8.053	7.792	0	12.9	12.85	6	66.302	6.617
194775	471200	8.041	7.792	0	12.89	12.84	6	66.291	6.617
194775	471225	8.035	7.792	0	12.89	12.84	6	66.287	6.617
194775	471250	8.032	7.792	0	12.89	12.84	6	66.286	6.617

194775	471275	8.029	7.792	0	12.89	12.84	6	66.286	6.617
194775	471300	8.03	7.792	0	12.89	12.84	6	66.288	6.617
194775	471325	8.032	7.792	0	12.9	12.85	6	66.291	6.617
194775	471350	8.037	7.792	0	12.9	12.85	6	66.295	6.617
194775	471375	8.044	7.792	0	12.9	12.85	6	6.63	6.617
194775	471400	8.055	7.792	0	12.9	12.84	6	66.306	6.617
194775	471425	8.067	7.792	0	12.9	12.84	6	66.314	6.617
194775	471450	8.083	7.792	0	12.91	12.85	6	66.324	6.617
194775	471475	8.102	7.792	0	12.91	12.84	6	66.338	6.617
194775	471500	8.128	7.792	0	12.92	12.84	6	66.355	6.617
194775	471525	8.167	7.792	0	12.93	12.84	6	66.379	6.617
194775	471550	8.228	7.792	0	12.95	12.85	6	66.416	6.617
194800	470675	8.291	8.146	0	12.91	12.88	6	66.369	6.629
194800	470700	8.292	8.146	0	12.91	12.88	6	6.637	6.629
194800	470725	8.293	8.146	0	12.91	12.88	6	6.637	6.629
194800	470750	8.294	8.146	0	12.91	12.88	6	6.637	6.629
194800	470775	8.295	8.146	0	12.91	12.88	6	66.371	6.629
194800	470800	8.296	8.146	0	12.91	12.88	6	66.371	6.629
194800	470825	8.297	8.146	0	12.91	12.88	6	66.372	6.629
194800	470850	8.299	8.146	0	12.91	12.88	6	66.372	6.629
194800	470875	8.301	8.146	0	12.91	12.88	6	66.373	6.629
194800	470900	8.304	8.146	0	12.91	12.88	6	66.374	6.629
194800	470925	8.308	8.146	0	12.91	12.88	6	66.376	6.629
194800	470950	8.314	8.146	0	12.91	12.87	6	66.379	6.629
194800	470975	8.323	8.146	0	12.91	12.87	6	66.383	6.629
194800	471000	7.982	7.792	0	12.89	12.85	6	66.268	6.617
194800	471025	8	7.792	0	12.89	12.85	6	66.277	6.617
194800	471050	8.029	7.792	0	12.9	12.85	6	66.292	6.617
194800	471075	8.088	7.792	0	12.91	12.85	6	66.326	6.617
194800	471100	8.355	7.792	0	12.97	12.84	6	66.489	6.617
194800	471125	8.185	7.792	0	12.94	12.85	6	6.64	6.617
194800	471150	8.094	7.793	0	12.91	12.85	6	66.329	6.617
194800	471175	8.07	7.792	0	12.9	12.84	6	66.307	6.617
194800	471200	8.061	7.792	0	12.9	12.85	6	66.298	6.617
194800	471225	8.057	7.792	0	12.9	12.85	6	66.294	6.617
194800	471250	8.053	7.792	0	12.9	12.85	6	66.293	6.617
194800	471275	8.049	7.792	0	12.9	12.85	6	66.293	6.617
194800	471300	8.048	7.792	0	12.9	12.85	6	66.295	6.617
194800	471325	8.05	7.792	0	12.9	12.85	6	66.298	6.617
194800	471350	8.054	7.792	0	12.9	12.85	6	66.302	6.617
194800	471375	8.061	7.792	0	12.9	12.84	6	66.307	6.617
194800	471400	8.071	7.792	0	12.9	12.84	6	66.313	6.617
194800	471425	8.083	7.792	0	12.91	12.85	6	66.321	6.617
194800	471450	8.098	7.793	0	12.91	12.84	6	66.331	6.617
194800	471475	8.116	7.792	0	12.92	12.85	6	66.343	6.617
194800	471500	8.142	7.792	0	12.92	12.84	6	66.361	6.617
194800	471525	8.18	7.792	0	12.93	12.84	6	66.385	6.617
194800	471550	8.239	7.792	0	12.95	12.85	6	66.421	6.617
194800	471575	8.341	7.792	0	12.97	12.84	6	66.484	6.617
194800	471600	8.56	7.792	0	13.03	12.84	6	66.621	6.617
194800	471625	9.333	7.792	0	13.23	12.85	6	67.105	6.617
194800	471650	9.561	7.792	0	13.36	12.85	6	67.413	6.617
194825	470675	8.329	8.146	0	12.92	12.88	6	66.391	6.629

194825	470700	8.328	8.146	0	12.92	12.88	6	6.639	6.629
194825	470725	8.328	8.146	0	12.92	12.88	6	66.389	6.629
194825	470750	8.327	8.146	0	12.91	12.87	6	66.389	6.629
194825	470775	8.327	8.146	0	12.91	12.87	6	66.388	6.629
194825	470800	8.326	8.146	0	12.91	12.87	6	66.388	6.629
194825	470825	8.325	8.146	0	12.91	12.87	6	66.387	6.629
194825	470850	8.323	8.146	0	12.91	12.87	6	66.386	6.629
194825	470875	8.322	8.146	0	12.91	12.87	6	66.385	6.629
194825	470900	8.323	8.146	0	12.91	12.87	6	66.385	6.629
194825	470925	8.326	8.146	0	12.91	12.87	6	66.386	6.629
194825	470950 8.33		8.146	0	12.92	12.88	6	66.388	6.629
194825	470975	8.338	8.146	0	12.92	12.88	6	66.391	6.629
194825	471000	7.996	7.792	0	12.89	12.85	6	66.276	6.617
194825	471025	8.014	7.792	0	12.89	12.84	6	66.285	6.617
194825	471050	8.046	7.792	0	12.9	12.85	6	66.302	6.617
194825	471075	8.114	7.792	0	12.91	12.84	6	66.341	6.617
194825	471100	8.487	7.792	0	13.01	12.85	6	6.657	6.617
194825	471125	8.183	7.792	0	12.94	12.85	6	66.394	6.617
194825	471150	8.111	7.792	0	12.91	12.84	6	66.335	6.617
194825	471175	8.093	7.793	0	12.9	12.84	6	66.316	6.617
194825	471200	8.088	7.792	0	12.9	12.84	6	66.308	6.617
194825	471225	8.086	7.792	0	12.9	12.85	6	66.304	6.617
194825	471250	8.082	7.792	0	12.9	12.85	6	66.302	6.617
194825	471275	8.076	7.792	0	12.9	12.85	6	66.303	6.617
194825	471300	8.072	7.792	0	12.9	12.85	6	66.304	6.617
194825	471325	8.072	7.792	0	12.9	12.84	6	66.307	6.617
194825	471350	8.075	7.792	0	12.9	12.84	6	66.311	6.617
194825	471375	8.083	7.792	0	12.91	12.85	6	66.316	6.617
194825	471400	8.093	7.792	0	12.91	12.85	6	66.322	6.617
194825	471425	8.104	7.792	0	12.91	12.84	6	6.633	6.617
194825	471450	8.118	7.793	0	12.91	12.84	6	66.339	6.617
194825	471475	8.136	7.793	0	12.92	12.85	6	66.352	6.617
194825	471500	8.161	7.792	0	12.93	12.85	6	66.369	6.617
194825	471525	8.198	7.792	0	12.94	12.85	6	66.393	6.617
194825	471550	8.257	7.793	0	12.95	12.84	6	6.643	6.617
194825	471575	8.359	7.792	0	12.98	12.85	6	66.494	6.617
194825	471600 8.59		7.792	0	13.04	12.85	6	66.639	6.617
194825	471625	9.498	7.792	0	13.27	12.84	6	6.721	6.617
194825	471650	9.398	7.792	0	13.31	12.85	6	67.295	6.617
194850	470675 8.45		8.146	0	12.94	12.87	6	66.457	6.629
194850	470700 8.44		8.146	0	12.94	12.88	6	66.451	6.629
194850	470725 8.43		8.146	0	12.94	12.88	6	66.445	6.629
194850	470750	8.422	8.146	0	12.94	12.88	6	66.441	6.629
194850	470775	8.415	8.146	0	12.93	12.87	6	66.437	6.629
194850	470800	8.408	8.146	0	12.93	12.87	6	66.432	6.629
194850	470825	8.394	8.146	0	12.93	12.88	6	66.426	6.629
194850	470850	8.379	8.146	0	12.93	12.88	6	66.418	6.629
194850	470875	8.368	8.146	0	12.93	12.88	6	66.413	6.629
194850	470900	8.363	8.146	0	12.92	12.87	6	66.409	6.629
194850	470925	8.361	8.146	0	12.92	12.87	6	66.407	6.629
194850	470950	8.362	8.146	0	12.92	12.87	6	66.407	6.629
194850	470975	8.366	8.146	0	12.92	12.87	6	66.408	6.629
194850	471000	8.022	7.792	0	12.9	12.85	6	66.291	6.617

194850	471025	8.039	7.792	0	12.9	12.85	6	66.299	6.617
194850	471050	8.072	7.792	0	12.9	12.84	6	66.316	6.617
194850	471075	8.153	7.793	0	12.92	12.84	6	66.362	6.617
194850	471100	-200	-200	0	-200	-200	-200	-200	-200
194850	471125	8.197	7.792	0	12.94	12.85	6	66.398	6.617
194850	471150 8.14		7.792	0	12.92	12.85	6	66.349	6.617
194850	471175	8.127	7.792	0	12.91	12.84	6	66.332	6.617
194850	471200	8.126	7.792	0	12.91	12.85	6	66.324	6.617
194850	471225	8.127	7.793	0	12.91	12.85	6	66.319	6.617
194850	471250	8.123	7.792	0	12.91	12.85	6	66.318	6.617
194850	471275	8.114	7.792	0	12.91	12.85	6	66.317	6.617
194850	471300	8.107	7.793	0	12.91	12.85	6	66.318	6.617
194850	471325	8.103	7.792	0	12.91	12.85	6	6.632	6.617
194850	471350	8.105	7.792	0	12.91	12.85	6	66.324	6.617
194850	471375	8.112	7.792	0	12.91	12.85	6	66.328	6.617
194850	471400	8.121	7.792	0	12.91	12.84	6	66.334	6.617
194850	471425	8.131	7.792	0	12.92	12.85	6	66.341	6.617
194850	471450	8.144	7.792	0	12.92	12.85	6	66.351	6.617
194850	471475	8.162	7.792	0	12.92	12.84	6	66.364	6.617
194850	471500	8.186	7.792	0	12.93	12.84	6	66.381	6.617
194850	471525	8.221	7.792	0	12.94	12.84	6	66.404	6.617
194850	471550	8.279	7.792	0	12.96	12.85	6	66.441	6.617
194850	471575	8.386	7.792	0	12.98	12.84	6	66.509	6.617
194850	471600	8.635	7.792	0	13.05	12.85	6	66.665	6.617
194850	471625	9.729	7.792	0	13.33	12.84	6	67.357	6.617
194875	470650	8.698	8.146	0	12.99	12.88	6	6.658	6.629
194875	470675	8.742	8.146	0	13	12.88	6	66.603	6.629
194875	470700	8.793	8.146	0	13.01	12.88	6	6.663	6.629
194875	470725	8.853	8.146	0	13.02	12.87	6	66.662	6.629
194875	470750	8.923	8.146	0	13.04	12.88	6	6.67	6.629
194875	470775	8.996	8.146	0	13.05	12.87	6	6.674	6.629
194875	470800	-200	-200	0	-200	-200	-200	-200	-200
194875	470825	-200	-200	0	-200	-200	-200	-200	-200
194875	470850	8.674	8.146	0	12.99	12.87	6	66.584	6.629
194875	470875	8.554	8.146	0	12.97	12.87	6	66.526	6.629
194875	470900	8.502	8.146	0	12.96	12.88	6	66.496	6.629
194875	470925	8.471	8.146	0	12.95	12.87	6	66.476	6.629
194875	470950	8.452	8.146	0	12.95	12.88	6	66.463	6.629
194875	470975	8.442	8.146	0	12.94	12.87	6	66.455	6.629
194875	471000	8.087	7.793	0	12.91	12.84	6	66.331	6.617
194875	471025	8.094	7.792	0	12.91	12.84	6	66.333	6.617
194875	471050	8.123	7.792	0	12.92	12.85	6	66.346	6.617
194875	471075	8.217	7.792	0	12.94	12.85	6	66.399	6.617
194875	471100	8.598	7.792	0	13.05	12.85	6	66.673	6.617
194875	471125	8.246	7.792	0	12.95	12.85	6	66.423	6.617
194875	471150	8.199	7.792	0	12.93	12.84	6	66.381	6.617
194875	471175	8.188	7.792	0	12.92	12.84	6	66.364	6.617
194875	471200	8.189	7.793	0	12.92	12.84	6	66.354	6.617
194875	471225	8.191	7.792	0	12.92	12.85	6	66.348	6.617
194875	471250	8.188	7.792	0	12.92	12.85	6	66.344	6.617
194875	471275	8.174	7.792	0	12.92	12.85	6	66.342	6.617
194875	471300	8.159	7.792	0	12.92	12.85	6	66.341	6.617
194875	471325 8.15		7.792	0	12.92	12.85	6	66.342	6.617

194875	471350	8.151	7.793	0	12.92	12.85	6	66.344	6.617
194875	471375	8.156	7.793	0	12.92	12.85	6	66.347	6.617
194875	471400	8.161	7.792	0	12.92	12.85	6	66.352	6.617
194875	471425	8.169	7.793	0	12.92	12.84	6	66.358	6.617
194875	471450	8.18	7.792	0	12.93	12.85	6	66.367	6.617
194875	471475	8.196	7.793	0	12.93	12.84	6	66.379	6.617
194875	471500	8.218	7.793	0	12.94	12.85	6	66.395	6.617
194875	471525	8.252	7.792	0	12.95	12.85	6	66.42	6.617
194875	471550	8.311	7.792	0	12.96	12.84	6	66.459	6.617
194875	471575	8.423	7.793	0	12.99	12.84	6	66.529	6.617
194875	471600	8.694	7.792	0	13.06	12.84	6	66.699	6.617
194875	471625	10.038	7.792	0	13.42	12.85	6	67.555	6.617
194900	470650	8.404	8.146	0	12.93	12.88	6	66.426	6.629
194900	470675	8.412	8.146	0	12.93	12.87	6	66.429	6.629
194900	470700	8.421	8.146	0	12.93	12.87	6	66.433	6.629
194900	470725	8.43	8.146	0	12.93	12.87	6	66.438	6.629
194900	470750	8.441	8.146	0	12.94	12.88	6	66.443	6.629
194900	470775	8.452	8.146	0	12.94	12.88	6	66.449	6.629
194900	470800	8.466	8.146	0	12.94	12.87	6	66.456	6.629
194900	470825	8.492	8.146	0	12.95	12.88	6	66.469	6.629
194900	470850	8.529	8.146	0	12.96	12.88	6	66.491	6.629
194900	470875	8.562	8.146	0	12.97	12.88	6	66.517	6.629
194900	470900	8.615	8.146	0	12.98	12.87	6	66.55	6.629
194900	470925	8.694	8.146	0	13	12.87	6	66.598	6.629
194900	470950	8.809	8.146	0	13.03	12.88	6	66.667	6.629
194900	470975	-200	-200	0	-200	-200	-200	-200	-200
194900	471000	-200	-200	0	-200	-200	-200	-200	-200
194900	471025	8.413	7.792	0	12.99	12.84	6	66.53	6.617
194900	471050	8.347	7.792	0	12.97	12.84	6	66.485	6.617
194900	471075	8.397	7.792	0	12.98	12.84	6	66.507	6.617
194900	471100	8.705	7.793	0	13.07	12.85	6	66.722	6.617
194900	471125	8.45	7.792	0	13	12.85	6	66.541	6.617
194900	471150	8.381	7.793	0	12.98	12.85	6	66.488	6.617
194900	471175	8.346	7.792	0	12.96	12.84	6	66.456	6.617
194900	471200	8.329	7.792	0	12.95	12.84	6	66.433	6.617
194900	471225	8.323	7.793	0	12.95	12.85	6	66.416	6.617
194900	471250	8.313	7.792	0	12.94	12.84	6	66.404	6.617
194900	471275	8.287	7.792	0	12.94	12.85	6	66.394	6.617
194900	471300	8.254	7.792	0	12.93	12.84	6	66.388	6.617
194900	471325	8.234	7.792	0	12.93	12.84	6	66.384	6.617
194900	471350	8.228	7.792	0	12.93	12.84	6	66.382	6.617
194900	471375	8.228	7.793	0	12.93	12.84	6	66.382	6.617
194900	471400	8.226	7.792	0	12.93	12.84	6	66.383	6.617
194900	471425	8.228	7.792	0	12.93	12.84	6	66.386	6.617
194900	471450	8.234	7.793	0	12.94	12.85	6	66.393	6.617
194900	471475	8.244	7.792	0	12.94	12.84	6	66.403	6.617
194900	471500	8.262	7.792	0	12.95	12.85	6	66.419	6.617
194900	471525	8.295	7.792	0	12.96	12.85	6	66.442	6.617
194900	471550	8.354	7.793	0	12.97	12.84	6	66.481	6.617
194900	471575	8.472	7.792	0	13	12.84	6	66.555	6.617
194900	471600	8.772	7.792	0	13.08	12.84	6	66.743	6.617
194900	471625	10.461	7.792	0	13.53	12.85	6	67.825	6.617
194925	470650	8.334	8.146	0	12.92	12.88	6	66.389	6.629

194925	470675	8.338	8.146	0	12.92	12.88	6	66.391	6.629
194925	470700	8.343	8.146	0	12.92	12.88	6	66.393	6.629
194925	470725	8.348	8.146	0	12.92	12.88	6	66.395	6.629
194925	470750	8.353	8.146	0	12.92	12.88	6	66.397	6.629
194925	470775	8.359	8.146	0	12.92	12.88	6	6.64	6.629
194925	470800	8.366	8.146	0	12.92	12.87	6	66.404	6.629
194925	470825	8.375	8.146	0	12.92	12.87	6	66.408	6.629
194925	470850	8.386	8.146	0	12.93	12.88	6	66.415	6.629
194925	470875	8.396	8.146	0	12.93	12.88	6	66.422	6.629
194925	470900	8.41	8.146	0	12.93	12.87	6	6.643	6.629
194925	470925	8.427	8.146	0	12.94	12.88	6	66.439	6.629
194925	470950	8.449	8.146	0	12.94	12.87	6	66.451	6.629
194925	470975	8.476	8.146	0	12.95	12.88	6	66.465	6.629
194925	471000	8.157	7.792	0	12.92	12.84	6	66.363	6.617
194925	471025	8.203	7.792	0	12.93	12.84	6	66.387	6.617
194925	471050	8.27	7.792	0	12.95	12.85	6	66.423	6.617
194925	471075	8.401	7.792	0	12.98	12.85	6	66.493	6.617
194925	471100	8.765	7.792	0	13.06	12.85	6	66.694	6.617
194925	471125	9.077	7.793	0	13.13	12.84	6	66.873	6.617
194925	471150	9.456	7.792	0	13.22	12.84	6	67.095	6.617
194925	471175	-200	-200	0	-200	-200	-200	-200	-200
194925	471200	9.142	7.792	0	13.16	12.85	6	66.926	6.617
194925	471225	8.881	7.792	0	13.08	12.84	6	66.746	6.617
194925	471250	8.737	7.793	0	13.04	12.85	6	6.664	6.617
194925	471275	8.622	7.793	0	13.01	12.84	6	66.573	6.617
194925	471300	8.512	7.792	0	12.99	12.84	6	66.529	6.617
194925	471325	8.442	7.792	0	12.98	12.85	6	66.499	6.617
194925	471350	8.406	7.792	0	12.97	12.84	6	66.477	6.617
194925	471375	8.378	7.792	0	12.97	12.85	6	66.462	6.617
194925	471400	8.354	7.792	0	12.96	12.85	6	6.645	6.617
194925	471425	8.337	7.793	0	12.96	12.85	6	66.444	6.617
194925	471450	8.325	7.792	0	12.96	12.85	6	66.442	6.617
194925	471475	8.324	7.793	0	12.96	12.85	6	66.446	6.617
194925	471500	8.335	7.793	0	12.96	12.84	6	66.458	6.617
194925	471525	8.362	7.792	0	12.97	12.84	6	66.478	6.617
194925	471550	8.421	7.792	0	12.99	12.85	6	66.517	6.617
194925	471575	8.545	7.792	0	13.02	12.85	6	66.595	6.617
194925	471600	8.885	7.793	0	13.11	12.85	6	66.807	6.617
194925	471625	-200	-200	0	-200	-200	-200	-200	-200
194950	470650	8.303	8.146	0	12.91	12.88	6	66.374	6.629
194950	470675	8.306	8.146	0	12.91	12.88	6	66.375	6.629
194950	470700	8.31	8.146	0	12.91	12.88	6	66.376	6.629
194950	470725	8.313	8.146	0	12.91	12.88	6	66.377	6.629
194950	470750	8.317	8.146	0	12.91	12.87	6	66.379	6.629
194950	470775	8.321	8.146	0	12.91	12.87	6	66.381	6.629
194950	470800	8.326	8.146	0	12.91	12.87	6	66.383	6.629
194950	470825	8.332	8.146	0	12.91	12.87	6	66.386	6.629
194950	470850	8.339	8.146	0	12.92	12.88	6	66.389	6.629
194950	470875	8.346	8.146	0	12.92	12.88	6	66.393	6.629
194950	470900	8.355	8.146	0	12.92	12.88	6	66.398	6.629
194950	470925	8.365	8.146	0	12.92	12.87	6	66.403	6.629
194950	470950	8.378	8.146	0	12.92	12.87	6	66.409	6.629
194950	470975	8.393	8.146	0	12.93	12.88	6	66.416	6.629

194950	471000	8.059	7.792	0	12.9	12.84	6	66.305	6.617
194950	471025	8.084	7.792	0	12.91	12.85	6	66.317	6.617
194950	471050	8.12	7.792	0	12.91	12.84	6	66.334	6.617
194950	471075	8.175	7.792	0	12.92	12.84	6	66.361	6.617
194950	471100	8.255	7.792	0	12.94	12.85	6	66.402	6.617
194950	471125	8.334	7.792	0	12.96	12.85	6	6.644	6.617
194950	471150	8.403	7.792	0	12.97	12.85	6	66.472	6.617
194950	471175	8.482	7.792	0	12.98	12.84	6	66.509	6.617
194950	471200	8.582	7.792	0	13	12.84	6	66.552	6.617
194950	471225	8.718	7.792	0	13.02	12.84	6	66.606	6.617
194950	471250	8.899	7.792	0	13.05	12.84	6	66.679	6.617
194950	471275	9.095	7.792	0	13.1	12.85	6	66.783	6.617
194950	471300	9.297	7.792	0	13.16	12.84	6	6.694	6.617
194950	471325	9.655	7.792	0	13.26	12.85	6	67.177	6.617
194950	471350	-200	-200	0	-200	-200	-200	-200	-200
194950	471375	9.083	7.792	0	13.13	12.84	6	66.875	6.617
194950	471400	8.807	7.792	0	13.07	12.85	6	66.712	6.617
194950	471425	8.652	7.792	0	13.03	12.84	6	66.627	6.617
194950	471450	8.561	7.792	0	13.01	12.84	6	66.579	6.617
194950	471475	8.512	7.792	0	13	12.84	6	66.554	6.617
194950	471500	8.49	7.792	0	13	12.85	6	66.545	6.617
194950	471525	8.495	7.792	0	13	12.84	6	66.552	6.617
194950	471550	8.54	7.792	0	13.02	12.85	6	66.584	6.617
194950	471575	8.662	7.792	0	13.05	12.85	6	66.661	6.617
194950	471600	9.049	7.792	0	13.15	12.85	6	66.902	6.617
194950	471625	-200	-200	0	-200	-200	-200	-200	-200
194975	470650	8.286	8.146	0	12.91	12.88	6	66.365	6.629
194975	470675	8.288	8.146	0	12.91	12.88	6	66.365	6.629
194975	470700	8.291	8.146	0	12.91	12.88	6	66.367	6.629
194975	470725	8.294	8.146	0	12.91	12.88	6	66.368	6.629
194975	470750	8.297	8.145	0	12.91	12.88	6	66.369	6.629
194975	470775	8.301	8.146	0	12.91	12.88	6	66.371	6.629
194975	470800	8.305	8.146	0	12.91	12.88	6	66.372	6.629
194975	470825	8.31	8.146	0	12.91	12.88	6	66.375	6.629
194975	470850	8.316	8.146	0	12.91	12.87	6	66.377	6.629
194975	470875	8.322	8.146	0	12.91	12.87	6	6.638	6.629
194975	470900	8.329	8.146	0	12.91	12.87	6	66.383	6.629
194975	470925	8.337	8.146	0	12.92	12.88	6	66.387	6.629
194975	470950	8.347	8.146	0	12.92	12.88	6	66.391	6.629
194975	470975	8.359	8.146	0	12.92	12.88	6	66.396	6.629
194975	471000	8.021	7.792	0	12.89	12.84	6	66.283	6.617
194975	471025	8.04	7.792	0	12.89	12.84	6	66.291	6.617
194975	471050	8.064	7.792	0	12.9	12.85	6	66.302	6.617
194975	471075	8.096	7.792	0	12.91	12.85	6	66.316	6.617
194975	471100	8.135	7.792	0	12.91	12.84	6	66.333	6.617
194975	471125	8.177	7.792	0	12.92	12.85	6	66.351	6.617
194975	471150	8.219	7.793	0	12.93	12.85	6	66.366	6.617
194975	471175	8.262	7.792	0	12.93	12.84	6	66.381	6.617
194975	471200	8.315	7.792	0	12.94	12.85	6	66.397	6.617
194975	471225	8.385	7.792	0	12.95	12.85	6	66.414	6.617
194975	471250	8.495	7.793	0	12.95	12.84	6	66.434	6.617
194975	471275	8.616	7.792	0	12.96	12.84	6	66.457	6.617
194975	471300	8.559	7.792	0	12.97	12.84	6	66.484	6.617

194975	471325	8.574	7.792	0	12.99	12.85	6	66.518	6.617
194975	471350	8.671	7.792	0	13.01	12.85	6	66.565	6.617
194975	471375	8.795	7.792	0	13.04	12.85	6	6.664	6.617
194975	471400	8.961	7.792	0	13.08	12.84	6	66.748	6.617
194975	471425	9.236	7.792	0	13.15	12.84	6	66.918	6.617
194975	471450	9.721	7.792	0	13.27	12.84	6	67.216	6.617
194975	471475	-200	-200	0	-200	-200	-200	-200	-200
194975	471500	9.211	7.793	0	13.17	12.85	6	66.966	6.617
194975	471525	8.95	7.792	0	13.11	12.85	6	66.816	6.617
194975	471550	8.864	7.792	0	13.09	12.84	6	66.771	6.617
194975	471575	8.926	7.792	0	13.11	12.85	6	66.815	6.617
194975	471600	9.336	7.792	0	13.22	12.85	6	67.072	6.617
194975	471625	10.803	7.793	0	13.69	12.85	6	68.223	6.617
195000	470650	8.765	8.637	0	13.06	13.03	6	67.459	6.739
195000	470675	8.767	8.637	0	13.06	13.03	6	6.746	6.739
195000	470700	8.769	8.636	0	13.06	13.03	6	67.461	6.739
195000	470725	8.772	8.637	0	13.06	13.03	6	67.462	6.739
195000	470750	8.775	8.637	0	13.06	13.03	6	67.463	6.739
195000	470775	8.778	8.637	0	13.06	13.03	6	67.464	6.739
195000	470800	8.782	8.637	0	13.07	13.04	6	67.466	6.739
195000	470825	8.786	8.636	0	13.07	13.04	6	67.468	6.739
195000	470850	8.791	8.636	0	13.07	13.04	6	6.747	6.739
195000	470875	8.797	8.637	0	13.07	13.04	6	67.472	6.739
195000	470900	8.803	8.637	0	13.07	13.04	6	67.475	6.739
195000	470925	8.81	8.636	0	13.07	13.03	6	67.478	6.739
195000	470950	8.819	8.637	0	13.07	13.03	6	67.481	6.739
195000	470975	8.829	8.637	0	13.07	13.03	6	67.486	6.739
195000	471000	8.993	8.788	0	13.05	13.01	6	66.731	6.663
195000	471025	9.008	8.788	0	13.05	13.01	6	66.737	6.663
195000	471050	9.027	8.789	0	13.05	13	6	66.744	6.663
195000	471075	9.049	8.789	0	13.06	13.01	6	66.753	6.663
195000	471100	9.075	8.789	0	13.06	13.01	6	66.763	6.663
195000	471125	9.104	8.789	0	13.06	13	6	66.774	6.663
195000	471150	9.135	8.788	0	13.07	13.01	6	66.784	6.663
195000	471175	9.17	8.788	0	13.07	13	6	66.794	6.663
195000	471200	9.214	8.789	0	13.08	13.01	6	66.803	6.663
195000	471225	9.272	8.789	0	13.08	13.01	6	66.813	6.663
195000	471250	9.357	8.788	0	13.08	13	6	66.824	6.663
195000	471275	9.487	8.789	0	13.09	13.01	6	66.837	6.663
195000	471300	9.377	8.789	0	13.1	13.01	6	66.851	6.663
195000	471325	9.395	8.788	0	13.1	13	6	66.868	6.663
195000	471350	9.481	8.788	0	13.11	13	6	66.889	6.663
195000	471375	9.507	8.789	0	13.12	13	6	66.916	6.663
195000	471400	9.532	8.789	0	13.14	13.01	6	66.949	6.663
195000	471425	9.572	8.788	0	13.15	13	6	66.988	6.663
195000	471450	9.636	8.788	0	13.17	13	6	67.038	6.663
195000	471475	9.736	8.789	0	13.2	13.01	6	67.104	6.663
195000	471500	9.891	8.788	0	13.24	13.01	6	67.199	6.663
195000	471525	10.134	8.789	0	13.3	13.01	6	67.343	6.663
195000	471550	10.545	8.788	0	13.4	13.01	6	67.587	6.663
195000	471575	11.306	8.789	0	13.58	13	6	68.048	6.663
195000	471600	11.548	8.789	0	13.68	13.01	6	68.272	6.663
195000	471625	11.608	8.789	0	13.78	13	6	68.521	6.663

195025	470650	8.758	8.637	0	13.06	13.03	6	67.455	6.739
195025	470675	8.759	8.636	0	13.06	13.03	6	67.456	6.739
195025	470700	8.762	8.637	0	13.06	13.03	6	67.457	6.739
195025	470725	8.764	8.637	0	13.06	13.03	6	67.458	6.739
195025	470750	8.767	8.637	0	13.06	13.03	6	67.459	6.739
195025	470775 8.77		8.637	0	13.06	13.03	6	6.746	6.739
195025	470800	8.774	8.637	0	13.06	13.03	6	67.461	6.739
195025	470825	8.778	8.637	0	13.06	13.03	6	67.463	6.739
195025	470850	8.782	8.636	0	13.07	13.04	6	67.465	6.739
195025	470875	8.787	8.636	0	13.07	13.04	6	67.467	6.739
195025	470900	8.793	8.637	0	13.07	13.04	6	67.469	6.739
195025	470925 8.8		8.637	0	13.07	13.04	6	67.472	6.739
195025	470950	8.808	8.637	0	13.07	13.04	6	67.475	6.739
195025	470975	8.817	8.637	0	13.07	13.03	6	67.479	6.739
195025	471000 8.98		8.789	0	13.04		13	66.723	6.663
195025	471025	8.992	8.789	0	13.04		13	66.728	6.663
195025	471050	9.007	8.788	0	13.05	13.01	6	66.733	6.663
195025	471075	9.025	8.789	0	13.05	13.01	6	6.674	6.663
195025	471100	9.045	8.788	0	13.05		13	66.747	6.663
195025	471125	9.069	8.789	0	13.06	13.01	6	66.755	6.663
195025	471150	9.094	8.788	0	13.06	13.01	6	66.762	6.663
195025	471175	9.126	8.789	0	13.06		13	6.677	6.663
195025	471200	9.163	8.789	0	13.06		13	66.777	6.663
195025	471225	9.212	8.789	0	13.07	13.01	6	66.785	6.663
195025	471250	9.273	8.788	0	13.07		13	66.793	6.663
195025	471275	9.279	8.789	0	13.08	13.01	6	66.802	6.663
195025	471300	9.102	8.789	0	13.08	13.01	6	66.813	6.663
195025	471325	9.378	8.789	0	13.08		13	66.825	6.663
195025	471350	9.571	8.789	0	13.09		13	66.839	6.663
195025	471375	9.515	8.789	0	13.1	13.01	6	66.856	6.663
195025	471400	9.471	8.788	0	13.11	13.01	6	66.876	6.663
195025	471425	9.459	8.789	0	13.12	13.01	6 6.69		6.663
195025	471450	9.471	8.789	0	13.13	13.01	6	66.929	6.663
195025	471475	9.507	8.788	0	13.14		13	66.965	6.663
195025	471500	9.569	8.788	0	13.16		13	67.012	6.663
195025	471525	9.666	8.789	0	13.19	13.01	6	67.077	6.663
195025	471550	9.821	8.789	0	13.23	13.01	6	67.175	6.663
195025	471575	10.111	8.789	0	13.3		13	67.355	6.663
195025	471600	11.011	8.789	0	13.53	13.01	6	67.909	6.663
195025	471625	11.428	8.789	0	13.72	13.01	6	68.369	6.663
195050	470650	8.752	8.637	0	13.06	13.03	6	67.452	6.739
195050	470675	8.754	8.637	0	13.06	13.03	6	67.453	6.739
195050	470700	8.756	8.637	0	13.06	13.03	6	67.454	6.739
195050	470725	8.758	8.636	0	13.06	13.03	6	67.455	6.739
195050	470750	8.761	8.637	0	13.06	13.03	6	67.455	6.739
195050	470775	8.764	8.637	0	13.06	13.03	6	67.457	6.739
195050	470800	8.768	8.637	0	13.06	13.03	6	67.458	6.739
195050	470825	8.771	8.636	0	13.06	13.03	6	67.459	6.739
195050	470850	8.776	8.637	0	13.06	13.03	6	67.461	6.739
195050	470875	8.781	8.637	0	13.06	13.03	6	67.463	6.739
195050	470900	8.786	8.637	0	13.07	13.04	6	67.465	6.739
195050	470925	8.793	8.637	0	13.07	13.04	6	67.467	6.739
195050	470950 8.8		8.637	0	13.07	13.04	6	6.747	6.739

195050	470975	8.809	8.637	0	13.07	13.04	6	67.473	6.739	
195050	471000	8.97	8.788	0	13.04		13	6	66.717	6.663
195050	471025	8.982	8.789	0	13.04		13	6	66.721	6.663
195050	471050	8.995	8.789	0	13.04		13	6	66.726	6.663
195050	471075	9.011	8.789	0	13.05	13.01		6	66.731	6.663
195050	471100	9.028	8.788	0	13.05	13.01		6	66.737	6.663
195050	471125	9.049	8.789	0	13.05		13	6	66.743	6.663
195050	471150	9.073	8.788	0	13.05		13	6	66.749	6.663
195050	471175	9.103	8.788	0	13.06	13.01		6	66.755	6.663
195050	471200	9.141	8.788	0	13.06	13.01		6	66.761	6.663
195050	471225	9.194	8.789	0	13.06		13	6	66.768	6.663
195050	471250	9.268	8.789	0	13.06		13	6	66.775	6.663
195050	471275	9.336	8.789	0	13.07	13.01		6	66.783	6.663
195050	471300	9.375	8.788	0	13.07		13	6	66.792	6.663
195050	471325	9.758	8.788	0	13.08	13.01		6	66.802	6.663
195050	471350	9.743	8.788	0	13.08		13	6	66.814	6.663
195050	471375	9.577	8.788	0	13.09	13.01		6	66.828	6.663
195050	471400	9.474	8.788	0	13.09		13	6	66.844	6.663
195050	471425	9.429	8.788	0	13.1		13	6	66.864	6.663
195050	471450	9.421	8.789	0	13.11		13	6	66.888	6.663
195050	471475	9.438	8.789	0	13.12		13	6	66.918	6.663
195050	471500	9.482	8.789	0	13.14	13.01		6	66.958	6.663
195050	471525	9.558	8.789	0	13.16		13	6	67.013	6.663
195050	471550	9.692	8.789	0	13.2	13.01		6	6.71	6.663
195050	471575	9.974	8.789	0	13.27		13	6	67.278	6.663
195050	471600	11.012	8.788	0	13.53		13	6	6.792	6.663
195050	471625	11.076	8.789	0	13.62		13	6	68.141	6.663
195075	470700	8.752	8.637	0	13.06	13.04		6	67.452	6.739
195075	470725	8.754	8.636	0	13.06	13.03		6	67.452	6.739
195075	470750	8.757	8.637	0	13.06	13.03		6	67.453	6.739
195075	470775	8.76	8.637	0	13.06	13.03		6	67.454	6.739
195075	470800	8.763	8.637	0	13.06	13.03		6	67.455	6.739
195075	470825	8.767	8.637	0	13.06	13.03		6	67.457	6.739
195075	470850	8.771	8.637	0	13.06	13.03		6	67.458	6.739
195075	470875	8.776	8.637	0	13.06	13.03		6	6.746	6.739
195075	470900	8.781	8.637	0	13.06	13.03		6	67.462	6.739
195075	470925	8.787	8.636	0	13.07	13.04		6	67.464	6.739
195075	470950	8.794	8.637	0	13.07	13.04		6	67.467	6.739
195075	470975	8.802	8.636	0	13.07	13.04		6	6.747	6.739
195075	471000	8.963	8.788	0	13.04	13.01		6	66.713	6.663
195075	471025	8.974	8.788	0	13.04		13	6	66.717	6.663
195075	471050	8.987	8.789	0	13.04		13	6	6.672	6.663
195075	471075	9.001	8.788	0	13.04		13	6	66.725	6.663
195075	471100	9.018	8.789	0	13.05	13.01		6	6.673	6.663
195075	471125	9.038	8.789	0	13.05	13.01		6	66.735	6.663
195075	471150	9.062	8.789	0	13.05	13.01		6	6.674	6.663
195075	471175	9.09	8.788	0	13.05		13	6	66.745	6.663
195075	471200	9.129	8.789	0	13.05		13	6	66.751	6.663
195075	471225	9.181	8.789	0	13.06	13.01		6	66.757	6.663
195075	471250	9.248	8.788	0	13.06	13.01		6	66.764	6.663
195075	471275	9.33	8.789	0	13.06		13	6	66.771	6.663
195075	471300	9.485	8.789	0	13.07	13.01		6	66.779	6.663
195075	471325	9.647	8.789	0	13.07	13.01		6	66.788	6.663

195075	471350	9.561	8.789	0	13.07		13	6	66.799	6.663
195075	471375	9.501	8.789	0	13.08	13.01		6	66.812	6.663
195075	471400	9.453	8.789	0	13.09	13.01		6	66.827	6.663
195075	471425	9.415	8.789	0	13.09		13	6	66.845	6.663
195075	471450	9.4	8.788	0	13.1		13	6	66.868	6.663
195075	471475	9.412	8.789	0	13.11		13	6	66.897	6.663
195075	471500	9.45	8.789	0	13.13	13.01		6	66.935	6.663
195075	471525	9.525	8.789	0	13.15		13	6	66.991	6.663
195075	471550	9.665	8.789	0	13.19		13	6	67.083	6.663
195075	471575	9.972	8.789	0	13.27	13.01		6	67.276	6.663
195075	471600	11.216	8.788	0	13.59	13.01		6	68.049	6.663
195100	470925	8.783	8.636	0	13.06	13.03		6	67.462	6.739
195100	470950	8.79	8.637	0	13.07	13.04		6	67.464	6.739
195100	470975	8.798	8.637	0	13.07	13.04		6	67.467	6.739
195100	471000	8.959	8.789	0	13.04	13.01		6	66.671	6.663
195100	471025	8.969	8.789	0	13.04	13.01		6	66.713	6.663
195100	471050	8.981	8.789	0	13.04		13	6	66.716	6.663
195100	471075	8.994	8.788	0	13.04		13	6	66.672	6.663
195100	471100	9.01	8.789	0	13.04		13	6	66.724	6.663
195100	471125	9.028	8.788	0	13.05	13.01		6	66.729	6.663
195100	471150	9.051	8.789	0	13.05	13.01		6	66.734	6.663
195100	471175	9.079	8.789	0	13.05	13.01		6	66.739	6.663
195100	471200	9.113	8.788	0	13.05		13	6	66.744	6.663
195100	471225	9.155	8.789	0	13.05		13	6	66.675	6.663
195100	471250	9.203	8.789	0	13.06	13.01		6	66.756	6.663
195100	471275	9.274	8.789	0	13.06	13.01		6	66.763	6.663
195100	471300	9.365	8.788	0	13.06		13	6	66.771	6.663
195100	471325	9.439	8.788	0	13.07	13.01		6	66.779	6.663
195100	471350	9.438	8.788	0	13.07		13	6	66.679	6.663
195100	471375	9.384	8.789	0	13.08	13.01		6	66.802	6.663
195100	471400	9.368	8.789	0	13.08		13	6	66.817	6.663
195100	471425	9.367	8.788	0	13.09	13.01		6	66.834	6.663
195100	471450	9.374	8.789	0	13.1	13.01		6	66.856	6.663
195100	471475	9.395	8.789	0	13.11	13.01		6	66.886	6.663
195100	471500	9.439	8.789	0	13.13	13.01		6	66.927	6.663
195100	471525	9.521	8.789	0	13.15		13	6	66.986	6.663
195100	471550	9.676	8.788	0	13.19		13	6	67.087	6.663
195100	471575	10.022	8.789	0	13.28		13	6	67.303	6.663
195100	471600	11.536	8.789	0	13.67	13.01		6	68.825	6.663
195125	471150	9.042	8.789	0	13.05	13.01		6	66.729	6.663
195125	471175	9.066	8.789	0	13.05	13.01		6	66.734	6.663
195125	471200	9.094	8.789	0	13.05	13.01		6	66.739	6.663
195125	471225	9.125	8.789	0	13.05		13	6	66.744	6.663
195125	471250	9.162	8.788	0	13.05		13	6	66.751	6.663
195125	471275	9.216	8.788	0	13.06	13.01		6	66.757	6.663
195125	471300	9.27	8.789	0	13.06		13	6	66.765	6.663
195125	471325	9.315	8.788	0	13.06		13	6	66.774	6.663
195125	471350	9.331	8.788	0	13.07	13.01		6	66.784	6.663
195125	471375	9.319	8.789	0	13.07		13	6	66.796	6.663
195125	471400	9.304	8.789	0	13.08	13.01		6	66.681	6.663
195125	471425	9.312	8.789	0	13.09	13.01		6	66.828	6.663
195125	471450	9.335	8.788	0	13.1	13.01		6	66.851	6.663
195125	471475	9.372	8.789	0	13.11	13.01		6	66.882	6.663

195125	471500	9.43	8.789	0	13.13	13.01	6	66.924	6.663
195125	471525	9.528	8.789	0	13.15	13	6	6.699	6.663
195125	471550	9.708	8.788	0	13.2	13.01	6	67.103	6.663
195125	471575	10.112	8.788	0	13.3	13	6	67.353	6.663
195125	471600	12.001	8.789	0	13.79	13.01	6	68.544	6.663
195150	471375	9.265	8.788	0	13.07	13	6	66.792	6.663
195150	471400	9.266	8.789	0	13.08	13.01	6	66.806	6.663
195150	471425	9.275	8.789	0	13.08	13	6	66.824	6.663
195150	471450	9.303	8.789	0	13.09	13	6	66.849	6.663
195150	471475	9.349	8.788	0	13.11	13.01	6	66.881	6.663
195150	471500	9.421	8.789	0	13.13	13.01	6	66.927	6.663
195150	471525	9.538	8.788	0	13.16	13.01	6	6.7	6.663
195150	471550	9.756	8.789	0	13.21	13.01	6	6.713	6.663
195150	471575	10.263	8.789	0	13.34	13.01	6	67.437	6.663
195150	471600	12.741	8.788	0	13.98	13	6	69.017	6.663
195175	471600	-200	-200	0	-200	-200	-200	-200	-200

VI

BIJLAGE: PUNTRESULTATEN BASISALTERNATIEF

X	Y	CONC_NO	BGR_NO2	LIMH_NO2	CONC_PM	BGR_PM10	LIMD_PM10	CONC_PM	BGR_PM25
193500	469700	8.541	8.522	0	13.2	13.2	6	68.372	6.836
193500	469800	8.542	8.522	0	13.2	13.19	6	68.372	6.836
193500	469900	8.542	8.521	0	13.2	13.19	6	68.373	6.836
193500	470000	8.29	8.268	0	13.08	13.07	6	67.663	6.765
193500	470100	8.29	8.267	0	13.08	13.07	6	67.664	6.765
193500	470200	8.291	8.267	0	13.08	13.07	6	67.665	6.765
193500	470300	8.292	8.268	0	13.08	13.07	6	67.665	6.765
193600	469700	8.542	8.522	0	13.2	13.19	6	68.373	6.836
193600	469800	8.543	8.522	0	13.2	13.19	6	68.373	6.836
193600	469900	8.544	8.522	0	13.2	13.19	6	68.374	6.836
193600	470000	8.291	8.268	0	13.08	13.07	6	67.664	6.765
193600	470100	8.292	8.268	0	13.08	13.07	6	67.665	6.765
193600	470200	8.293	8.268	0	13.08	13.07	6	67.666	6.765
193600	470300	8.294	8.268	0	13.08	13.07	6	67.666	6.765
193600	470400	8.295	8.268	0	13.08	13.07	6	67.667	6.765
193600	470500	8.296	8.268	0	13.08	13.07	6	67.668	6.765
193600	470600	8.298	8.268	0	13.08	13.07	6	67.669	6.765
193600	470700	8.299	8.268	0	13.08	13.07	6	6.767	6.765
193600	470800	8.3	8.268	0	13.08	13.07	6	67.671	6.765
193600	470900	8.302	8.268	0	13.08	13.07	6	67.672	6.765
193600	471000	8.177	8.142	0	12.89	12.88	6	66.423	6.64
193700	469700	8.543	8.522	0	13.2	13.19	6	68.373	6.836
193700	469800	8.544	8.522	0	13.2	13.19	6	68.374	6.836
193700	469900	8.545	8.522	0	13.2	13.19	6	68.374	6.836
193700	470000	8.292	8.268	0	13.08	13.07	6	67.665	6.765
193700	470100	8.293	8.268	0	13.08	13.07	6	67.666	6.765
193700	470200	8.294	8.267	0	13.08	13.07	6	67.667	6.765
193700	470300	8.296	8.268	0	13.08	13.07	6	67.668	6.765
193700	470400	8.297	8.268	0	13.08	13.07	6	67.669	6.765
193700	470500	8.298	8.267	0	13.08	13.07	6	67.669	6.765
193700	470600	8.3	8.268	0	13.08	13.07	6	6.767	6.765
193700	470700	8.301	8.268	0	13.08	13.07	6	67.671	6.765
193700	470800	8.303	8.268	0	13.08	13.07	6	67.673	6.765
193700	470900	8.305	8.268	0	13.09	13.08	6	67.674	6.765
193700	471000	8.181	8.142	0	12.89	12.88	6	66.425	6.64
193700	471100	8.183	8.142	0	12.89	12.88	6	66.427	6.64
193700	471200	8.187	8.142	0	12.89	12.88	6	6.643	6.64
193700	471300	8.191	8.142	0	12.89	12.88	6	66.433	6.64
193700	471400	8.196	8.142	0	12.89	12.87	6	66.437	6.64
193700	471500	8.208	8.142	0	12.89	12.87	6	66.445	6.64
193700	471600	8.286	8.142	0	12.92	12.88	6	66.496	6.64
193700	471700	8.212	8.141	0	12.9	12.88	6	66.454	6.64
193800	469700	8.545	8.522	0	13.2	13.19	6	68.374	6.836
193800	469800	8.545	8.521	0	13.2	13.19	6	68.375	6.836
193800	469900	8.546	8.521	0	13.2	13.19	6	68.375	6.836
193800	470000	8.294	8.268	0	13.08	13.07	6	67.666	6.765
193800	470100	8.295	8.268	0	13.08	13.07	6	67.667	6.765
193800	470200	8.296	8.268	0	13.08	13.07	6	67.668	6.765
193800	470300	8.298	8.268	0	13.08	13.07	6	67.669	6.765
193800	470400	8.3	8.268	0	13.08	13.07	6	6.767	6.765
193800	470500	8.301	8.268	0	13.08	13.07	6	67.671	6.765
193800	470600	8.303	8.268	0	13.08	13.07	6	67.672	6.765

193800	470700	8.304	8.268	0	13.09	13.08	6	67.673	6.765
193800	470800	8.306	8.268	0	13.09	13.08	6	67.675	6.765
193800	470900	8.308	8.268	0	13.09	13.08	6	67.676	6.765
193800	471000	8.185	8.142	0	12.89	12.88	6	66.428	6.64
193800	471100	8.188	8.142	0	12.89	12.88	6	6.643	6.64
193800	471200	8.193	8.142	0	12.89	12.88	6	66.434	6.64
193800	471300	8.199	8.142	0	12.89	12.87	6	66.438	6.64
193800	471400	8.209	8.142	0	12.89	12.87	6	66.445	6.64
193800	471500	8.238	8.142	0	12.9	12.87	6	66.464	6.64
193800	471600	-200	-200	0	-200	-200	-200	-200	-200
193800	471700	8.239	8.142	0	12.91	12.88	6	66.473	6.64
193800	471800	8.2	8.142	0	12.89	12.87	6	66.444	6.64
193800	471900	8.189	8.142	0	12.89	12.88	6	66.435	6.64
193800	472000	7.016	6.975	0	12.41	12.4	6	63.451	6.342
193800	472100	7.012	6.975	0	12.41	12.4	6	63.447	6.342
193800	472200	7.009	6.975	0	12.41	12.4	6	63.445	6.342
193800	472300	7.006	6.974	0	12.41	12.4	6	63.443	6.342
193800	472400	7.004	6.974	0	12.4	12.39	6	63.442	6.342
193900	469700	8.546	8.522	0	13.2	13.19	6	68.375	6.836
193900	469800	8.547	8.522	0	13.2	13.19	6	68.376	6.836
193900	469900	8.548	8.522	0	13.2	13.19	6	68.376	6.836
193900	470000	8.295	8.268	0	13.08	13.07	6	67.667	6.765
193900	470100	8.297	8.268	0	13.08	13.07	6	67.668	6.765
193900	470200	8.299	8.268	0	13.08	13.07	6	67.669	6.765
193900	470300	8.301	8.268	0	13.08	13.07	6	67.671	6.765
193900	470400	8.303	8.268	0	13.08	13.07	6	67.672	6.765
193900	470500	8.304	8.268	0	13.09	13.08	6	67.673	6.765
193900	470600	8.306	8.268	0	13.09	13.08	6	67.674	6.765
193900	470700	8.308	8.268	0	13.09	13.08	6	67.676	6.765
193900	470800	8.309	8.268	0	13.09	13.08	6	67.677	6.765
193900	470900	8.312	8.268	0	13.09	13.08	6	67.678	6.765
193900	471000	8.189	8.142	0	12.89	12.88	6	66.431	6.64
193900	471100	8.194	8.142	0	12.89	12.88	6	66.434	6.64
193900	471200	8.2	8.142	0	12.89	12.87	6	66.438	6.64
193900	471300	8.21	8.142	0	12.89	12.87	6	66.445	6.64
193900	471400	8.227	8.141	0	12.9	12.88	6	66.457	6.64
193900	471500	8.278	8.142	0	12.91	12.87	6	66.489	6.64
193900	471600	8.492	8.142	0	12.98	12.88	6	66.652	6.64
193900	471700	8.242	8.142	0	12.91	12.88	6	66.474	6.64
193900	471800	8.209	8.142	0	12.9	12.88	6	6.645	6.64
193900	471900	8.196	8.142	0	12.89	12.87	6	6.644	6.64
193900	472000	7.021	6.974	0	12.41	12.4	6	63.455	6.342
193900	472100	7.016	6.975	0	12.41	12.4	6	63.451	6.342
193900	472200	7.012	6.974	0	12.41	12.4	6	63.448	6.342
193900	472300	7.009	6.974	0	12.41	12.4	6	63.446	6.342
193900	472400	7.007	6.975	0	12.41	12.4	6	63.444	6.342
193900	472500	7.005	6.975	0	12.41	12.4	6	63.442	6.342
193900	472600	7.003	6.975	0	12.4	12.39	6	63.441	6.342
193900	472700	7.001	6.974	0	12.4	12.39	6	6.344	6.342
193900	472800	7	6.975	0	12.4	12.39	6	63.439	6.342
194000	469600	9.677	9.652	0	13.5	13.49	6	69.885	6.987
194000	469700	9.678	9.652	0	13.5	13.49	6	69.886	6.987
194000	469800	9.679	9.652	0	13.5	13.49	6	69.887	6.987

194000	469900	9.68	9.652	0	13.5	13.49	6	69.888	6.987
194000	470000	8.176	8.146	0	12.88	12.87	6	66.308	6.629
194000	470100	8.177	8.146	0	12.88	12.87	6	66.309	6.629
194000	470200	8.179	8.146	0	12.88	12.87	6	66.311	6.629
194000	470300	8.182	8.146	0	12.88	12.87	6	66.313	6.629
194000	470400	8.188	8.146	0	12.89	12.88	6	66.317	66.291
194000	470500	8.189	8.146	0	12.89	12.88	6	66.318	6.629
194000	470600	8.189	8.146	0	12.89	12.88	6	66.318	6.629
194000	470700	8.19	8.146	0	12.89	12.88	6	66.318	6.629
194000	470800	8.192	8.146	0	12.89	12.88	6	6.632	6.629
194000	470900	8.194	8.146	0	12.89	12.88	6	66.321	6.629
194000	471000	7.844	7.792	0	12.86	12.85	6	66.204	6.617
194000	471100	7.85	7.792	0	12.86	12.84	6	66.207	6.617
194000	471200	7.858	7.792	0	12.86	12.84	6	66.213	6.617
194000	471300	7.873	7.792	0	12.87	12.85	6	66.222	6.617
194000	471400	7.902	7.792	0	12.87	12.84	6	66.241	6.617
194000	471500	8.01	7.792	0	12.9	12.84	6	66.311	6.617
194000	471600	8.015	7.793	0	12.91	12.84	6	66.332	6.617
194000	471700	7.896	7.792	0	12.88	12.85	6	66.247	6.617
194000	471800	7.866	7.792	0	12.87	12.85	6	66.225	6.617
194000	471900	7.852	7.792	0	12.86	12.84	6	66.215	6.617
194000	472000	8.384	8.332	0	12.66	12.64	6	64.949	6.491
194000	472100	8.378	8.332	0	12.66	12.65	6	64.945	6.491
194000	472200	8.373	8.331	0	12.66	12.65	6	64.941	6.491
194000	472300	8.37	8.332	0	12.66	12.65	6	64.938	6.491
194000	472400	8.367	8.332	0	12.66	12.65	6	64.936	6.491
194000	472500	8.365	8.332	0	12.66	12.65	6	64.934	6.491
194000	472600	8.362	8.331	0	12.66	12.65	6	64.933	6.491
194000	472700	8.36	8.331	0	12.65	12.64	6	64.932	6.491
194000	472800	8.359	8.332	0	12.65	12.64	6	6.493	6.491
194100	469600	9.679	9.652	0	13.5	13.49	6	69.887	6.987
194100	469700	9.68	9.652	0	13.5	13.49	6	69.888	6.987
194100	469800	9.681	9.652	0	13.5	13.49	6	69.888	6.987
194100	469900	9.682	9.652	0	13.5	13.49	6	69.889	6.987
194100	470000	8.178	8.146	0	12.88	12.87	6	6.631	6.629
194100	470100	8.18	8.146	0	12.88	12.87	6	66.311	6.629
194100	470200	8.182	8.146	0	12.88	12.87	6	66.313	6.629
194100	470300	8.186	8.146	0	12.89	12.88	6	66.315	6.629
194100	470400	8.2	8.146	0	12.89	12.88	6	66.324	6.629
194100	470500	8.22	8.146	0	12.9	12.88	6	66.342	6.629
194100	470600	8.197	8.146	0	12.89	12.88	6	66.324	6.629
194100	470700	8.195	8.146	0	12.89	12.88	6	66.322	6.629
194100	470800	8.197	8.146	0	12.89	12.88	6	66.323	6.629
194100	470900	8.2	8.146	0	12.89	12.88	6	66.325	6.629
194100	471000	7.85	7.792	0	12.86	12.84	6	66.208	6.617
194100	471100	7.856	7.792	0	12.86	12.84	6	66.211	6.617
194100	471200	7.867	7.792	0	12.87	12.85	6	66.218	6.617
194100	471300	7.886	7.792	0	12.87	12.85	6	6.623	6.617
194100	471400	7.934	7.792	0	12.88	12.84	6	6.626	6.617
194100	471500	8.309	7.792	0	12.98	12.85	6	66.492	6.617
194100	471600	7.998	7.792	0	12.91	12.85	6	6.632	6.617
194100	471700	7.905	7.792	0	12.88	12.85	6	66.253	6.617
194100	471800	7.876	7.792	0	12.87	12.84	6	66.232	6.617

194100	471900	7.86	7.792	0	12.87	12.85	6	66.221	6.617
194100	472000	8.39	8.332	0	12.66	12.64	6	64.954	6.491
194100	472100	8.383	8.332	0	12.66	12.64	6	64.948	6.491
194100	472200	8.378	8.332	0	12.66	12.65	6	64.944	6.491
194100	472300	8.374	8.332	0	12.66	12.65	6	64.941	6.491
194100	472400	8.37	8.331	0	12.66	12.65	6	64.939	6.491
194100	472500	8.368	8.332	0	12.66	12.65	6	64.937	6.491
194100	472600	8.365	8.332	0	12.66	12.65	6	64.935	6.491
194100	472700	8.363	8.332	0	12.66	12.65	6	64.933	6.491
194100	472800	8.361	8.332	0	12.65	12.64	6	64.932	6.491
194200	469600	9.682	9.653	0	13.5	13.49	6	69.888	6.987
194200	469700	9.683	9.652	0	13.5	13.49	6	69.889	6.987
194200	469800	9.684	9.652	0	13.5	13.49	6	69.889	6.987
194200	469900	9.685	9.652	0	13.5	13.49	6	69.891	6.987
194200	470000	8.181	8.146	0	12.88	12.87	6	66.312	6.629
194200	470100	8.183	8.146	0	12.89	12.88	6	66.313	6.629
194200	470200	8.185	8.145	0	12.89	12.88	6	66.315	6.629
194200	470300	8.19	8.146	0	12.89	12.88	6	66.317	6.629
194200	470400	8.199	8.146	0	12.89	12.88	6	66.323	6.629
194200	470500	8.298	8.146	0	12.91	12.87	6	66.384	6.629
194200	470600	8.212	8.146	0	12.89	12.87	6	66.335	6.629
194200	470700	8.203	8.146	0	12.89	12.87	6	66.328	6.629
194200	470800	8.203	8.146	0	12.89	12.87	6	66.328	6.629
194200	470900	8.206	8.146	0	12.89	12.87	6	66.329	6.629
194200	471000	7.857	7.793	0	12.86	12.84	6	66.212	6.617
194200	471100	7.864	7.792	0	12.86	12.84	6	66.216	6.617
194200	471200	7.876	7.792	0	12.87	12.85	6	66.224	6.617
194200	471300	7.899	7.792	0	12.87	12.84	6	66.238	6.617
194200	471400	7.966	7.792	0	12.89	12.85	6	66.278	6.617
194200	471500	8.937	7.792	0	13.14	12.85	6	66.875	6.617
194200	471600	8.022	7.793	0	12.91	12.84	6	66.338	6.617
194200	471700	7.922	7.792	0	12.88	12.84	6	66.266	6.617
194200	471800	7.888	7.792	0	12.87	12.84	6	66.241	6.617
194200	471900	7.869	7.792	0	12.87	12.85	6	66.227	6.617
194200	472000	8.397	8.331	0	12.67	12.65	6	64.959	6.491
194200	472100	8.389	8.332	0	12.66	12.64	6	64.953	6.491
194200	472200	8.383	8.332	0	12.66	12.64	6	64.948	6.491
194200	472300	8.378	8.332	0	12.66	12.65	6	64.945	6.491
194200	472400	8.374	8.332	0	12.66	12.65	6	64.942	6.491
194200	472500	8.371	8.332	0	12.66	12.65	6	64.939	6.491
194200	472600	8.368	8.332	0	12.66	12.65	6	64.937	6.491
194200	472700	8.365	8.331	0	12.66	12.65	6	64.935	6.491
194200	472800	8.363	8.332	0	12.66	12.65	6	64.934	6.491
194300	469600	9.685	9.653	0	13.5	13.49	6	69.889	6.987
194300	469700	9.687	9.653	0	13.5	13.49	6	69.891	6.987
194300	469800	9.688	9.652	0	13.5	13.49	6	69.893	6.987
194300	469900	9.689	9.652	0	13.51	13.5	6	69.894	6.987
194300	470000	8.185	8.146	0	12.89	12.88	6	66.314	6.629
194300	470100	8.187	8.146	0	12.89	12.88	6	66.316	6.629
194300	470200	8.19	8.146	0	12.89	12.88	6	66.317	6.629
194300	470300	8.193	8.146	0	12.89	12.88	6	66.32	6.629
194300	470400	8.2	8.146	0	12.89	12.88	6	66.324	6.629
194300	470500	8.22	8.146	0	12.89	12.87	6	66.337	6.629

194300	470600	8.253	8.146	0	12.91	12.88	6	66.367	6.629
194300	470700	8.214	8.146	0	12.89	12.87	6	66.336	6.629
194300	470800	8.212	8.146	0	12.89	12.87	6	66.334	6.629
194300	470900	8.214	8.146	0	12.89	12.87	6	66.335	6.629
194300	471000	7.865	7.792	0	12.86	12.84	6	66.217	6.617
194300	471100	7.872	7.792	0	12.87	12.85	6	66.222	6.617
194300	471200	7.885	7.792	0	12.87	12.85	6	66.229	6.617
194300	471300	7.911	7.793	0	12.88	12.85	6	66.245	6.617
194300	471400	7.982	7.792	0	12.89	12.84	6	66.288	6.617
194300	471500	8.595	7.792	0	13.04	12.84	6	66.653	6.617
194300	471600	8.115	7.792	0	12.94	12.84	6	66.407	6.617
194300	471700	7.949	7.792	0	12.89	12.84	6	66.286	6.617
194300	471800	7.904	7.793	0	12.88	12.85	6	66.252	6.617
194300	471900	7.881	7.792	0	12.87	12.84	6	66.236	6.617
194300	472000	8.406	8.331	0	12.67	12.65	6	64.965	6.491
194300	472100	8.397	8.332	0	12.67	12.65	6	64.958	6.491
194300	472200	8.389	8.332	0	12.66	12.64	6	64.953	6.491
194300	472300	8.383	8.331	0	12.66	12.64	6	64.948	6.491
194300	472400	8.379	8.332	0	12.66	12.65	6	64.945	6.491
194300	472500	8.375	8.332	0	12.66	12.65	6	64.942	6.491
194300	472600	8.371	8.332	0	12.66	12.65	6	64.939	6.491
194300	472700	8.368	8.331	0	12.66	12.65	6	64.937	6.491
194300	472800	8.366	8.332	0	12.66	12.65	6	64.935	6.491
194400	469600	9.689	9.653	0	13.5	13.49	6	69.892	6.987
194400	469700	9.691	9.652	0	13.51	13.5	6	69.894	6.987
194400	469800	9.694	9.652	0	13.51	13.5	6	69.896	6.987
194400	469900	9.695	9.652	0	13.51	13.5	6	69.897	6.987
194400	470000	8.191	8.146	0	12.89	12.88	6	66.318	6.629
194400	470100	8.192	8.146	0	12.89	12.88	6	66.319	6.629
194400	470200	8.195	8.146	0	12.89	12.88	6	66.321	6.629
194400	470300	8.198	8.146	0	12.89	12.88	6	66.323	6.629
194400	470400	8.203	8.146	0	12.89	12.88	6	66.326	6.629
194400	470500	8.212	8.146	0	12.89	12.87	6	66.332	6.629
194400	470600	8.27	8.146	0	12.91	12.88	6	66.369	6.629
194400	470700	8.233	8.146	0	12.9	12.88	6	66.349	6.629
194400	470800	8.228	8.146	0	12.9	12.88	6	66.345	6.629
194400	470900	8.228	8.146	0	12.9	12.88	6	66.344	6.629
194400	471000	7.877	7.793	0	12.87	12.85	6	66.225	6.617
194400	471100	7.882	7.792	0	12.87	12.85	6	66.229	6.617
194400	471200	7.895	7.792	0	12.87	12.84	6	66.236	6.617
194400	471300	7.92	7.792	0	12.88	12.85	6	66.251	6.617
194400	471400	7.982	7.792	0	12.89	12.84	6	66.288	6.617
194400	471500	8.279	7.792	0	12.97	12.85	6	66.464	6.617
194400	471600	8.265	7.792	0	12.99	12.85	6	66.513	6.617
194400	471700	7.984	7.792	0	12.9	12.84	6	66.311	6.617
194400	471800	7.923	7.792	0	12.89	12.85	6	66.267	6.617
194400	471900	7.895	7.792	0	12.88	12.85	6	66.245	6.617
194400	472000	8.417	8.332	0	12.67	12.64	6	64.973	6.491
194400	472100	8.405	8.332	0	12.67	12.65	6	64.964	6.491
194400	472200	8.397	8.332	0	12.67	12.65	6	64.958	6.491
194400	472300	8.389	8.332	0	12.66	12.64	6	64.952	6.491
194400	472400	8.384	8.332	0	12.66	12.64	6	64.948	6.491
194400	472500	8.379	8.332	0	12.66	12.65	6	64.945	6.491

194400	472600	8.375	8.332	0	12.66	12.65	6	64.942	6.491
194400	472700	8.372	8.332	0	12.66	12.65	6	64.94	6.491
194400	472800	8.369	8.332	0	12.66	12.65	6	64.937	6.491
194500	469600	9.693	9.652	0	13.51	13.5	6	69.895	6.987
194500	469700	9.698	9.652	0	13.51	13.5	6	69.898	6.987
194500	469800	9.702	9.652	0	13.51	13.5	6	69.901	6.987
194500	469900	9.704	9.652	0	13.51	13.5	6	69.903	6.987
194500	470000	8.199	8.146	0	12.89	12.88	6	66.324	6.629
194500	470100	8.201	8.146	0	12.89	12.88	6	66.325	6.629
194500	470200	8.203	8.146	0	12.89	12.88	6	66.326	6.629
194500	470300	8.205	8.146	0	12.89	12.87	6	66.328	6.629
194500	470400	8.208	8.146	0	12.89	12.87	6	66.33	6.629
194500	470500	8.214	8.146	0	12.89	12.87	6	66.333	6.629
194500	470600	8.229	8.145	0	12.9	12.88	6	66.343	6.629
194500	470700	8.365	8.146	0	12.94	12.88	6	66.445	6.629
194500	470800	8.51	8.146	0	12.97	12.87	6	66.539	6.629
194500	470900	8.275	8.146	0	12.91	12.87	6	66.379	6.629
194500	471000	7.899	7.792	0	12.87	12.84	6	66.241	6.617
194500	471100	7.898	7.792	0	12.87	12.84	6	66.239	6.617
194500	471200	7.908	7.792	0	12.88	12.85	6	66.244	6.617
194500	471300	7.93	7.792	0	12.88	12.84	6	66.257	6.617
194500	471400	7.98	7.792	0	12.89	12.84	6	66.287	6.617
194500	471500	8.154	7.792	0	12.94	12.85	6	66.391	6.617
194500	471600	8.652	7.792	0	13.1	12.85	6	66.786	6.617
194500	471700	8.028	7.792	0	12.92	12.85	6	66.342	6.617
194500	471800	7.946	7.792	0	12.89	12.84	6	66.282	6.617
194500	471900	7.911	7.792	0	12.88	12.84	6	66.256	6.617
194500	472000	8.43	8.332	0	12.67	12.64	6	64.981	6.491
194500	472100	8.416	8.332	0	12.67	12.65	6	64.971	6.491
194500	472200	8.405	8.332	0	12.67	12.65	6	64.964	6.491
194500	472300	8.396	8.331	0	12.67	12.65	6	64.957	6.491
194500	472400	8.39	8.332	0	12.66	12.64	6	64.953	6.491
194500	472500	8.384	8.332	0	12.66	12.64	6	64.949	6.491
194500	472600	8.38	8.332	0	12.66	12.65	6	64.945	6.491
194500	472700	8.376	8.332	0	12.66	12.65	6	64.942	6.491
194500	472800	8.372	8.332	0	12.66	12.65	6	64.94	6.491
194600	469600	9.7	9.653	0	13.51	13.5	6	69.899	6.987
194600	469700	9.706	9.652	0	13.51	13.5	6	69.903	6.987
194600	469800	9.714	9.652	0	13.51	13.49	6	69.908	6.987
194600	469900	9.719	9.652	0	13.51	13.49	6	69.912	6.987
194600	470000	8.215	8.146	0	12.89	12.87	6	66.334	6.629
194600	470100	8.216	8.146	0	12.89	12.87	6	66.335	6.629
194600	470200	8.217	8.146	0	12.89	12.87	6	66.335	6.629
194600	470300	8.216	8.146	0	12.89	12.87	6	66.335	6.629
194600	470400	8.217	8.146	0	12.89	12.87	6	66.336	6.629
194600	470500	8.22	8.146	0	12.9	12.88	6	66.338	6.629
194600	470600	8.227	8.146	0	12.9	12.88	6	66.342	6.629
194600	470700	8.241	8.145	0	12.9	12.88	6	66.351	6.629
194600	470800	8.262	8.146	0	12.91	12.88	6	66.363	6.629
194600	470900	8.311	8.146	0	12.92	12.88	6	66.394	6.629
194600	471000	8.06	7.792	0	12.92	12.84	6	66.358	6.617
194600	471100	7.936	7.793	0	12.88	12.84	6	66.267	6.617
194600	471200	7.928	7.792	0	12.88	12.84	6	66.258	6.617

194600	471300	7.943	7.792	0	12.89	12.85	6	66.266	6.617
194600	471400	7.984	7.792	0	12.89	12.84	6	6.629	6.617
194600	471500	8.099	7.792	0	12.92	12.84	6	66.359	6.617
194600	471600	-200	-200	0	-200	-200	-200	-200	-200
194600	471700	8.093	7.792	0	12.93	12.84	6	66.387	6.617
194600	471800	7.973	7.792	0	12.9	12.85	6	66.301	6.617
194600	471900	7.929	7.792	0	12.89	12.85	6	66.269	6.617
194600	472000	8.444	8.331	0	12.68	12.65	6	64.991	6.491
194600	472100	8.428	8.332	0	12.67	12.64	6	64.979	6.491
194600	472200	8.416	8.332	0	12.67	12.65	6	64.971	6.491
194600	472300	8.405	8.332	0	12.67	12.65	6	64.963	6.491
194600	472400	8.397	8.331	0	12.67	12.65	6	64.958	6.491
194600	472500	8.39	8.332	0	12.66	12.64	6	64.953	6.491
194600	472600	8.385	8.332	0	12.66	12.64	6	64.949	6.491
194600	472700	8.38	8.332	0	12.66	12.65	6	64.945	6.491
194700	469500	9.7	9.653	0	13.51	13.5	6	69.898	6.987
194700	469600	9.708	9.653	0	13.51	13.5	6	69.903	6.987
194700	469700	9.718	9.652	0	13.51	13.49	6	69.909	6.987
194700	469800	9.732	9.652	0	13.52	13.5	6	69.919	6.987
194700	469900	9.75	9.653	0	13.52	13.5	6	6.993	6.987
194700	470000	8.251	8.146	0	12.9	12.87	6	66.357	6.629
194700	470100	8.25	8.146	0	12.9	12.87	6	66.357	6.629
194700	470200	8.243	8.146	0	12.9	12.87	6	66.353	6.629
194700	470300	8.238	8.146	0	12.9	12.88	6	66.349	6.629
194700	470400	8.235	8.146	0	12.9	12.88	6	66.348	6.629
194700	470500	8.236	8.146	0	12.9	12.88	6	66.347	6.629
194700	470600	8.239	8.146	0	12.9	12.88	6	66.349	6.629
194700	470700	8.245	8.146	0	12.9	12.87	6	66.353	6.629
194700	470800	8.255	8.146	0	12.9	12.87	6	66.359	6.629
194700	470900	8.27	8.146	0	12.91	12.88	6	66.368	6.629
194700	471000	7.953	7.793	0	12.89	12.85	6	66.271	6.617
194700	471100	8.143	7.793	0	12.93	12.84	6	66.392	6.617
194700	471200	7.965	7.792	0	12.89	12.84	6	66.286	6.617
194700	471300	7.965	7.792	0	12.89	12.84	6	66.281	6.617
194700	471400	8	7.793	0	12.9	12.85	6	66.301	6.617
194700	471500	8.086	7.792	0	12.92	12.84	6	66.353	6.617
194700	471600	8.709	7.792	0	13.07	12.84	6	66.725	6.617
194700	471700	8.2	7.792	0	12.97	12.85	6	66.464	6.617
194700	471800	8.009	7.792	0	12.91	12.85	6	66.325	6.617
194700	471900	7.953	7.792	0	12.89	12.84	6	66.284	6.617
194700	472000	8.463	8.332	0	12.68	12.64	6	65.003	6.491
194700	472100	8.444	8.332	0	12.68	12.65	6	64.989	6.491
194700	472200	8.429	8.331	0	12.67	12.64	6	64.979	6.491
194700	472300	8.417	8.332	0	12.67	12.65	6	64.971	6.491
194700	472400	8.407	8.332	0	12.67	12.65	6	64.964	6.491
194700	472500	8.398	8.332	0	12.67	12.65	6	64.958	6.491
194700	472600	8.391	8.332	0	12.66	12.64	6	64.953	6.491
194700	472700	8.385	8.332	0	12.66	12.64	6	64.949	6.491
194800	469500	9.707	9.652	0	13.51	13.5	6	69.903	6.987
194800	469600	9.718	9.652	0	13.51	13.49	6	6.991	6.987
194800	469700	9.734	9.653	0	13.52	13.5	6	69.919	6.987
194800	469800	9.759	9.652	0	13.52	13.49	6	69.934	6.987
194800	469900	9.811	9.652	0	13.53	13.49	6	69.966	6.987

194800	470000	8.532	8.146	0	12.97	12.87	6	66.523	6.629
194800	470100	8.404	8.146	0	12.94	12.87	6	66.457	6.629
194800	470200	8.346	8.146	0	12.93	12.88	6	66.418	6.629
194800	470300	8.319	8.146	0	12.92	12.88	6	66.64	6.629
194800	470400	8.303	8.146	0	12.92	12.88	6	66.389	6.629
194800	470500	8.294	8.146	0	12.91	12.87	6	66.382	6.629
194800	470600	8.29	8.146	0	12.91	12.87	6	66.379	6.629
194800	470700	8.289	8.146	0	12.91	12.87	6	66.379	6.629
194800	470800	8.29	8.146	0	12.91	12.87	6	66.638	6.629
194800	470900	8.293	8.146	0	12.91	12.87	6	66.383	6.629
194800	471000	7.965	7.792	0	12.89	12.85	6	66.278	6.617
194800	471100	8.382	7.792	0	12.99	12.84	6	66.539	6.617
194800	471200	8.006	7.792	0	12.9	12.84	6	66.631	6.617
194800	471300	8.004	7.792	0	12.9	12.84	6	66.306	6.617
194800	471400	8.036	7.792	0	12.91	12.85	6	66.324	6.617
194800	471500	8.113	7.792	0	12.93	12.85	6	66.371	6.617
194800	471600	8.54	7.793	0	13.04	12.85	6	66.631	6.617
194800	471700	8.303	7.792	0	13	12.85	6	66.534	6.617
194800	471800	8.05	7.792	0	12.92	12.85	6	66.351	6.617
194800	471900	7.983	7.792	0	12.9	12.85	6	66.303	6.617
194800	472000	8.488	8.332	0	12.69	12.65	6	65.018	6.491
194800	472100	8.465	8.331	0	12.68	12.64	6	65.003	6.491
194800	472200	8.448	8.332	0	12.68	12.65	6	64.991	6.491
194800	472300	8.432	8.331	0	12.67	12.64	6	64.981	6.491
194800	472400	8.42	8.332	0	12.67	12.64	6	64.972	6.491
194800	472500	8.408	8.331	0	12.67	12.65	6	64.964	6.491
194800	472600	8.399	8.331	0	12.67	12.65	6	64.958	6.491
194800	472700	8.392	8.332	0	12.66	12.64	6	64.953	6.491
194900	469500	9.718	9.652	0	13.51	13.49	6	69.909	6.987
194900	469600	9.735	9.652	0	13.52	13.5	6	69.919	6.987
194900	469700	9.757	9.652	0	13.52	13.49	6	69.933	6.987
194900	469800	9.8	9.652	0	13.53	13.49	6	69.957	6.987
194900	469900	9.924	9.652	0	13.56	13.49	6	70.029	6.987
194900	470000	11.497	8.146	0	13.74	12.87	6	68.404	6.629
194900	470100	8.469	8.146	0	12.96	12.88	6	66.498	6.629
194900	470200	8.379	8.146	0	12.93	12.87	6	66.434	6.629
194900	470300	8.362	8.146	0	12.93	12.88	6	66.419	6.629
194900	470400	8.366	8.146	0	12.93	12.88	6	66.419	6.629
194900	470500	8.38	8.146	0	12.93	12.88	6	66.425	6.629
194900	470600	8.402	8.146	0	12.93	12.87	6	66.437	6.629
194900	470700	8.434	8.146	0	12.94	12.88	6	66.453	6.629
194900	470800	8.48	8.146	0	12.95	12.87	6	66.648	6.629
194900	470900	8.646	8.145	0	13	12.88	6	66.592	6.629
194900	471000	-200	-200	0	-200	-200	-200	-200	-200
194900	471100	8.745	7.792	0	13.1	12.85	6	66.68	6.617
194900	471200	8.254	7.792	0	12.97	12.85	6	66.469	6.617
194900	471300	8.173	7.792	0	12.95	12.85	6	66.414	6.617
194900	471400	8.165	7.793	0	12.94	12.84	6	66.405	6.617
194900	471500	8.224	7.792	0	12.96	12.85	6	66.644	6.617
194900	471600	8.751	7.793	0	13.09	12.85	6	66.762	6.617
194900	471700	8.335	7.793	0	13	12.84	6	66.548	6.617
194900	471800	8.098	7.792	0	12.93	12.84	6	66.379	6.617
194900	471900	8.027	7.793	0	12.91	12.85	6	66.328	6.617

194900	472000	8.527	8.332	0	12.7	12.65	6	65.041	6.491
194900	472100	8.498	8.332	0	12.69	12.64	6	65.022	6.491
194900	472200	8.476	8.332	0	12.69	12.65	6	65.008	6.491
194900	472300	8.456	8.332	0	12.68	12.65	6	64.995	6.491
194900	472400	8.438	8.332	0	12.68	12.65	6	64.983	6.491
194900	472500	8.423	8.332	0	12.67	12.64	6	64.974	6.491
194900	472600	8.411	8.332	0	12.67	12.65	6	64.965	6.491
194900	472700	8.4	8.332	0	12.67	12.65	6	64.958	6.491
195000	469500	9.74	9.656	0	13.37	13.35	6	6.878	6.873
195000	469600	9.77	9.655	0	13.37	13.34	6	68.798	6.873
195000	469700	9.804	9.655	0	13.38	13.34	6	6.882	6.873
195000	469800	9.864	9.655	0	13.4	13.35	6	68.854	6.873
195000	469900	10.121	9.655	0	13.45	13.34	6	68.998	6.873
195000	470000	9.648	8.637	0	13.3	13.03	6	68.046	6.739
195000	470100	8.905	8.637	0	13.11	13.04	6	67.567	6.739
195000	470200	8.804	8.636	0	13.08	13.04	6	6.75	6.739
195000	470300	8.772	8.636	0	13.07	13.04	6	67.476	6.739
195000	470400	8.761	8.637	0	13.07	13.04	6	67.467	6.739
195000	470500	8.758	8.637	0	13.06	13.03	6	67.464	6.739
195000	470600	8.76	8.637	0	13.07	13.04	6	67.465	6.739
195000	470700	8.765	8.636	0	13.07	13.04	6	67.468	6.739
195000	470800	8.775	8.637	0	13.07	13.04	6	67.473	6.739
195000	470900	8.791	8.637	0	13.07	13.03	6	67.483	6.739
195000	471000	8.972	8.789	0	13.05	13	6	66.741	6.663
195000	471100	9.034	8.789	0	13.07	13.01	6	66.778	6.663
195000	471200	9.11	8.789	0	13.08	13	6	66.824	6.663
195000	471300	9.199	8.788	0	13.11	13.01	6	66.877	6.663
195000	471400	9.391	8.788	0	13.15	13	6	6.699	6.663
195000	471500	9.93	8.788	0	13.28	13	6	67.303	6.663
195000	471600	11.795	8.789	0	13.78	13	6	68.523	6.663
195000	471700	9.492	8.789	0	13.19	13	6	6.709	6.663
195000	471800	9.219	8.788	0	13.12	13.01	6	66.907	6.663
195000	471900	9.128	8.789	0	13.09	13	6	66.847	6.663
195000	472000	8.733	8.45	0	12.79	12.72	6	6.504	6.486
195000	472100	8.678	8.45	0	12.78	12.72	6	65.008	6.486
195000	472200	8.644	8.45	0	12.77	12.72	6	64.987	6.486
195000	472300	8.614	8.45	0	12.76	12.72	6	64.968	6.486
195000	472400	8.586	8.45	0	12.75	12.71	6	64.951	6.486
195000	472500	8.563	8.45	0	12.75	12.72	6	64.937	6.486
195000	472600	8.544	8.45	0	12.74	12.71	6	64.925	6.486
195000	472700	8.529	8.45	0	12.74	12.72	6	64.915	6.486
195100	469500	9.771	9.655	0	13.37	13.34	6	68.798	6.873
195100	469600	9.867	9.655	0	13.4	13.35	6	68.856	6.873
195100	469700	9.991	9.655	0	13.43	13.34	6	68.941	6.873
195100	469800	10	9.656	0	13.43	13.34	6	68.943	6.873
195100	469900	10.529	9.655	0	13.55	13.35	6	69.229	6.873
195100	470000	9.298	8.637	0	13.21	13.03	6	67.819	6.739
195100	470100	8.882	8.636	0	13.1	13.03	6	67.552	6.739
195100	470200	8.79	8.637	0	13.08	13.04	6	67.491	6.739
195100	470300	8.757	8.636	0	13.07	13.04	6	67.468	6.739
195100	470400	8.743	8.636	0	13.06	13.03	6	67.458	6.739
195100	470500	8.738	8.637	0	13.06	13.03	6	67.453	6.739
195100	470600	8.738	8.637	0	13.06	13.03	6	67.452	6.739

195100	470700	8.742	8.637	0	13.06	13.03	6	67.454	6.739
195100	470800	8.749	8.636	0	13.06	13.03	6	67.459	6.739
195100	470900	8.761	8.637	0	13.07	13.04	6	67.465	6.739
195100	471000	8.931	8.789	0	13.04		13	66.716	6.663
195100	471100	8.958	8.788	0	13.05	13.01	6	66.733	6.663
195100	471200	8.995	8.789	0	13.06	13.01	6	66.754	6.663
195100	471300	9.044	8.789	0	13.07	13.01	6	66.782	6.663
195100	471400	9.13	8.789	0	13.09	13.01	6	66.832	6.663
195100	471500	9.33	8.788	0	13.14	13.01	6	66.949	6.663
195100	471600	11.615	8.789	0	13.71		13	6.836	6.663
195100	471700	9.543	8.789	0	13.21	13.01	6	67.122	6.663
195100	471800	9.352	8.789	0	13.15		13	66.985	6.663
195100	471900	9.291	8.788	0	13.13		13	66.938	6.663
195100	472000	8.928	8.449	0	12.83	12.71	6	65.143	6.486
195100	472100	8.819	8.45	0	12.81	12.72	6	65.088	6.486
195100	472200	8.753	8.45	0	12.79	12.71	6	65.049	6.486
195100	472300	8.698	8.45	0	12.78	12.72	6	65.017	6.486
195100	472400	8.645	8.45	0	12.77	12.72	6	64.986	6.486
195100	472500	8.601	8.45	0	12.76	12.72	6	64.959	6.486
195100	472600	8.568	8.45	0	12.75	12.72	6	64.939	6.486
195100	472700	8.545	8.45	0	12.74	12.71	6	64.924	6.486
195200	469500	9.845	9.655	0	13.39	13.35	6	6.884	6.873
195200	469600	10.599	9.655	0	13.57	13.34	6	69.278	6.873
195200	469700	10.263	9.655	0	13.5	13.35	6	69.099	6.873
195200	469800	10.845	9.655	0	13.63	13.34	6	69.434	6.873
195200	469900	12.445	9.655	0	14.02	13.35	6	70.368	6.873
195200	470000	9.08	8.637	0	13.15	13.03	6	67.674	6.739
195200	470100	8.845	8.637	0	13.09	13.03	6	67.525	6.739
195200	470200	8.777	8.637	0	13.07	13.03	6	67.481	6.739
195200	470300	8.748	8.637	0	13.06	13.03	6	67.461	6.739
195200	470400	8.734	8.636	0	13.06	13.03	6	67.452	6.739
195200	470500	8.729	8.637	0	13.06	13.04	6	67.448	6.739
195200	470600	8.729	8.637	0	13.06	13.04	6	67.447	6.739
195200	470700	8.732	8.637	0	13.06	13.04	6	67.449	6.739
195200	470800	8.739	8.637	0	13.06	13.03	6	67.452	6.739
195200	470900	8.749	8.637	0	13.06	13.03	6	67.458	6.739
195200	471000	8.916	8.789	0	13.04	13.01	6	66.707	6.663
195200	471100	8.937	8.788	0	13.04		13	6.672	6.663
195200	471200	8.968	8.789	0	13.05	13.01	6	66.737	6.663
195200	471300	9.014	8.789	0	13.06	13.01	6	66.764	6.663
195200	471400	9.1	8.788	0	13.08	13.01	6	66.813	6.663
195200	471500	9.351	8.789	0	13.14	13.01	6	66.954	6.663
195200	471600	14.339	8.789	0	14.44		13	70.151	6.663
195200	471700	11.811	8.789	0	13.73		13	68.408	6.663
195200	471800	-200	-200	0	-200	-200	-200	-200	-200
195200	471900	11.349	8.789	0	13.65		13	68.217	6.663
195200	472000	9.963	8.45	0	13.09	12.71	6	65.786	6.486
195200	472100	9.606	8.45	0	12.99	12.71	6	65.539	6.486
195200	472200	9.249	8.45	0	12.91	12.72	6	6.533	6.486
195200	472300	8.995	8.45	0	12.85	12.72	6	65.187	6.486
195200	472400	8.8	8.45	0	12.8	12.71	6	65.075	6.486
195200	472500	8.681	8.449	0	12.77	12.71	6	65.005	6.486
195200	472600	8.61	8.45	0	12.76	12.72	6	64.963	6.486

195300	469500	10.403	9.655	0	13.51	13.34	6	69.143	6.873
195300	469600	10.112	9.655	0	13.46	13.35	6	6.901	6.873
195300	469700	9.92	9.655	0	13.41	13.34	6	6.889	6.873
195300	469800	9.933	9.655	0	13.41	13.34	6	68.894	6.873
195300	469900	9.977	9.656	0	13.42	13.34	6	6.892	6.873
195300	470000	8.873	8.637	0	13.09	13.03	6	67.534	6.739
195300	470100	8.796	8.637	0	13.08	13.04	6	6.749	6.739
195300	470200	8.757	8.637	0	13.07	13.04	6	67.466	6.739
195300	470300	8.737	8.637	0	13.06	13.03	6	67.454	6.739
195300	470400	8.727	8.637	0	13.06	13.04	6	67.447	6.739
195300	470500	8.723	8.637	0	13.06	13.04	6	67.444	6.739
195300	470600	8.723	8.637	0	13.06	13.04	6	67.443	6.739
195300	470700	8.727	8.637	0	13.06	13.04	6	67.445	6.739
195300	470800	8.734	8.637	0	13.06	13.04	6	67.449	6.739
195300	470900	8.743	8.636	0	13.06	13.03	6	67.454	6.739
195300	471000	8.91	8.789	0	13.03		13	66.703	6.663
195300	471100	8.93	8.788	0	13.04	13.01	6	66.715	6.663
195300	471200	8.96	8.788	0	13.05	13.01	6	66.732	6.663
195300	471300	9.01	8.789	0	13.06	13.01	6	6.676	6.663
195300	471400	9.107	8.788	0	13.08		13	66.815	6.663
195300	471500	9.422	8.789	0	13.15		13	66.988	6.663
195300	471600	11.104	8.789	0	13.6	13.01	6	68.084	6.663
195300	471700	9.636	8.788	0	13.22	13.01	6	67.157	6.663
195300	471800	9.398	8.789	0	13.15		13	66.997	6.663
195300	471900	9.388	8.788	0	13.15	13.01	6	66.983	6.663
195300	472000	9.097	8.45	0	12.87	12.72	6	65.231	6.486
195300	472100	9.252	8.45	0	12.89	12.71	6	65.298	6.486
195300	472200	9.54	8.45	0	12.95	12.71	6	65.439	6.486
195300	472300	10.711	8.45	0	13.18	12.71	6	66.014	6.486
195300	472400	9.864	8.449	0	13.05	12.72	6	65.677	6.486
195300	472500	8.954	8.449	0	12.83	12.71	6	65.155	6.486
195300	472600	8.7	8.45	0	12.78	12.72	6	65.011	6.486
195400	469400	9.734	9.655	0	13.36	13.34	6	68.774	6.873
195400	469500	9.779	9.655	0	13.37	13.34	6	6.88	6.873
195400	469600	9.809	9.655	0	13.38	13.34	6	68.819	6.873
195400	469700	9.804	9.656	0	13.38	13.34	6	68.817	6.873
195400	469800	9.808	9.656	0	13.38	13.34	6	6.882	6.873
195400	469900	9.813	9.656	0	13.38	13.34	6	68.824	6.873
195400	470000	8.779	8.637	0	13.07	13.04	6	67.475	6.739
195400	470100	8.754	8.636	0	13.06	13.03	6	67.462	6.739
195400	470200	8.736	8.637	0	13.06	13.03	6	67.451	6.739
195400	470300	8.725	8.637	0	13.06	13.04	6	67.445	6.739
195400	470400	8.719	8.637	0	13.06	13.04	6	67.441	6.739
195400	470500	8.717	8.636	0	13.06	13.04	6	6.744	6.739
195400	470600	8.719	8.637	0	13.06	13.04	6	6.744	6.739
195400	470700	8.723	8.636	0	13.06	13.04	6	67.443	6.739
195400	470800	8.731	8.637	0	13.06	13.04	6	67.447	6.739
195400	470900	8.741	8.636	0	13.06	13.03	6	67.453	6.739
195400	471000	8.908	8.789	0	13.03		13	66.701	6.663
195400	471100	8.929	8.788	0	13.04	13.01	6	66.714	6.663
195400	471200	8.961	8.788	0	13.05	13.01	6	66.732	6.663
195400	471300	9.016	8.789	0	13.06	13.01	6	66.763	6.663
195400	471400	9.127	8.789	0	13.08		13	66.825	6.663

195400	471500	9.568	8.789	0	13.19	13.01	6	67.073	6.663
195400	471600	9.862	8.789	0	13.28	13.01	6	67.298	6.663
195400	471700	9.307	8.788	0	13.14	13.01	6	66.952	6.663
195400	471800	9.185	8.789	0	13.1		13	66.873	6.663
195400	471900	9.147	8.788	0	13.09		13	66.845	6.663
195400	472000	8.805	8.45	0	12.8	12.72	6	65.067	6.486
195400	472100	8.827	8.45	0	12.8	12.71	6	65.074	6.486
195400	472200	8.875	8.45	0	12.81	12.72	6	65.093	6.486
195400	472300	8.976	8.449	0	12.83	12.72	6	65.138	6.486
195400	472400	9.282	8.45	0	12.88	12.71	6	65.279	6.486
195400	472500	11.13	8.45	0	13.18	12.72	6	66.052	6.486
195400	472600	9.034	8.45	0	12.83	12.72	6	65.16	6.486
195500	469400	9.716	9.656	0	13.36	13.35	6	68.764	6.873
195500	469500	9.733	9.656	0	13.36	13.34	6	68.774	6.873
195500	469600	9.746	9.655	0	13.37	13.35	6	68.783	6.873
195500	469700	9.753	9.655	0	13.37	13.35	6	68.787	6.873
195500	469800	9.758	9.656	0	13.37	13.35	6	68.79	6.873
195500	469900	9.759	9.655	0	13.37	13.34	6	68.791	6.873
195500	470000	8.737	8.637	0	13.06	13.04	6	67.45	6.739
195500	470100	8.728	8.637	0	13.06	13.04	6	67.445	6.739
195500	470200	8.72	8.637	0	13.06	13.04	6	67.44	6.739
195500	470300	8.714	8.637	0	13.05	13.03	6	67.437	6.739
195500	470400	8.712	8.637	0	13.05	13.03	6	67.436	6.739
195500	470500	8.712	8.637	0	13.05	13.03	6	67.436	6.739
195500	470600	8.715	8.637	0	13.05	13.03	6	67.438	6.739
195500	470700	8.72	8.636	0	13.06	13.04	6	67.441	6.739
195500	470800	8.729	8.637	0	13.06	13.04	6	67.445	6.739
195500	470900	8.741	8.637	0	13.06	13.03	6	67.452	6.739
195500	471000	8.909	8.788	0	13.03		13	66.702	6.663
195500	471100	8.933	8.789	0	13.04	13.01	6	66.715	6.663
195500	471200	8.97	8.789	0	13.05	13.01	6	66.736	6.663
195500	471300	9.031	8.789	0	13.06		13	66.772	6.663
195500	471400	9.169	8.789	0	13.1	13.01	6	66.685	6.663
195500	471500	10.096	8.788	0	13.31		13	67.383	6.663
195500	471600	9.436	8.788	0	13.17		13	67.045	6.663
195500	471700	9.167	8.788	0	13.1		13	66.868	6.663
195500	471800	9.088	8.788	0	13.08		13	66.815	6.663
195500	471900	9.054	8.788	0	13.07		13	66.791	6.663
195500	472000	8.705	8.449	0	12.78	12.72	6	65.011	6.486
195500	472100	8.707	8.45	0	12.78	12.72	6	65.009	6.486
195500	472200	8.721	8.45	0	12.78	12.72	6	65.012	6.486
195500	472300	8.748	8.45	0	12.78	12.71	6	65.022	6.486
195500	472400	8.797	8.45	0	12.79	12.72	6	65.04	6.486
195500	472500	8.887	8.45	0	12.8	12.72	6	65.067	6.486
195500	472600	9.016	8.449	0	12.81	12.72	6	65.104	6.486
195600	469400	9.705	9.656	0	13.36	13.35	6	68.758	6.873
195600	469500	9.713	9.655	0	13.36	13.35	6	68.763	6.873
195600	469600	9.721	9.655	0	13.36	13.34	6	68.768	6.873
195600	469700	9.727	9.655	0	13.36	13.34	6	68.772	6.873
195600	469800	9.732	9.655	0	13.36	13.34	6	68.775	6.873
195600	469900	9.733	9.655	0	13.36	13.34	6	68.776	6.873
195600	470000	8.714	8.636	0	13.05	13.03	6	67.436	6.739
195600	470100	8.712	8.637	0	13.05	13.03	6	67.435	6.739

195600	470200	8.708	8.637	0	13.05	13.03	6	67.433	6.739
195600	470300	8.706	8.637	0	13.05	13.03	6	67.432	6.739
195600	470400	8.706	8.637	0	13.05	13.03	6	67.432	6.739
195600	470500	8.707	8.636	0	13.05	13.03	6	67.433	6.739
195600	470600	8.711	8.637	0	13.05	13.03	6	67.435	6.739
195600	470700	8.718	8.637	0	13.05	13.03	6	67.438	6.739
195600	470800	8.728	8.637	0	13.06	13.04	6	67.444	6.739
195600	470900	8.742	8.637	0	13.06	13.03	6	67.452	6.739
195600	471000	8.913	8.788	0	13.04	13.01	6	66.703	6.663
195600	471100	8.942	8.789	0	13.04	13	6	6.672	6.663
195600	471200	8.986	8.788	0	13.05	13	6	66.746	6.663
195600	471300	9.069	8.789	0	13.07	13	6	66.794	6.663
195600	471400	9.309	8.789	0	13.13	13.01	6	66.933	6.663
195600	471500	10.434	8.789	0	13.44	13.01	6	67.687	6.663
195600	471600	9.237	8.789	0	13.12	13	6	66.917	6.663
195600	471700	9.086	8.788	0	13.08	13	6	66.818	6.663
195600	471800	9.031	8.789	0	13.07	13.01	6	6.678	6.663
195600	471900	9.002	8.789	0	13.06	13.01	6	6.676	6.663
195600	472000	8.651	8.449	0	12.76	12.71	6	6.498	6.486
195600	472100	8.646	8.45	0	12.76	12.71	6	64.975	6.486
195600	472200	8.648	8.45	0	12.76	12.71	6	64.973	6.486
195600	472300	8.653	8.45	0	12.76	12.71	6	64.973	6.486
195600	472400	8.664	8.45	0	12.76	12.71	6	64.976	6.486
195600	472500	8.667	8.45	0	12.76	12.71	6	64.974	6.486
195600	472600	8.651	8.45	0	12.76	12.72	6	64.964	6.486
195700	469400	9.697	9.655	0	13.35	13.34	6	68.754	6.873
195700	469500	9.703	9.655	0	13.36	13.35	6	68.757	6.873
195700	469600	9.708	9.655	0	13.36	13.35	6	68.761	6.873
195700	469700	9.713	9.655	0	13.36	13.35	6	68.764	6.873
195700	469800	9.717	9.655	0	13.36	13.35	6	68.766	6.873
195700	469900	9.719	9.656	0	13.36	13.34	6	68.767	6.873
195700	470000	8.701	8.637	0	13.05	13.03	6	67.428	6.739
195700	470100	8.701	8.637	0	13.05	13.03	6	67.428	6.739
195700	470200	8.7	8.637	0	13.05	13.03	6	67.427	6.739
195700	470300	8.7	8.637	0	13.05	13.03	6	67.427	6.739
195700	470400	8.7	8.636	0	13.05	13.03	6	67.428	6.739
195700	470500	8.703	8.637	0	13.05	13.03	6	67.429	6.739
195700	470600	8.708	8.637	0	13.05	13.03	6	67.432	6.739
195700	470700	8.716	8.637	0	13.05	13.03	6	67.436	6.739
195700	470800	8.727	8.636	0	13.06	13.04	6	67.443	6.739
195700	470900	8.745	8.636	0	13.06	13.03	6	67.453	6.739
195700	471000	8.922	8.789	0	13.04	13.01	6	66.707	6.663
195700	471100	8.958	8.789	0	13.05	13.01	6	66.728	6.663
195700	471200	9.022	8.788	0	13.06	13	6	66.766	6.663
195700	471300	9.178	8.788	0	13.1	13.01	6	66.858	6.663
195700	471400	10.711	8.789	0	13.47	13.01	6	67.759	6.663
195700	471500	9.401	8.789	0	13.17	13.01	6	67.021	6.663
195700	471600	9.117	8.789	0	13.09	13	6	66.839	6.663
195700	471700	9.03	8.788	0	13.07	13.01	6	66.783	6.663
195700	471800	8.99	8.789	0	13.06	13.01	6	66.756	6.663
195700	471900	8.967	8.789	0	13.05	13.01	6	6.674	6.663
195700	472000	8.616	8.45	0	12.76	12.72	6	6.496	6.486
195700	472100	8.608	8.45	0	12.75	12.71	6	64.954	6.486

195700	472200	8.604	8.449	0	12.75	12.71	6	6.495	6.486
195700	472300	8.603	8.449	0	12.75	12.71	6	64.948	6.486
195700	472400	8.601	8.45	0	12.75	12.72	6	64.945	6.486
195700	472500	8.597	8.45	0	12.75	12.72	6	64.942	6.486
195700	472600	8.584	8.45	0	12.74	12.71	6	64.934	6.486
195800	469400	9.692	9.655	0	13.35	13.34	6	68.751	6.873
195800	469500	9.696	9.655	0	13.35	13.34	6	68.754	6.873
195800	469600	9.7	9.655	0	13.36	13.35	6	68.756	6.873
195800	469700	9.704	9.655	0	13.36	13.35	6	68.759	6.873
195800	469800	9.707	9.655	0	13.36	13.35	6	6.876	6.873
195800	469900	9.709	9.655	0	13.36	13.35	6	68.762	6.873
195800	470000	8.692	8.636	0	13.05	13.04	6	67.423	6.739
195800	470100	8.693	8.637	0	13.05	13.04	6	67.423	6.739
195800	470200	8.694	8.637	0	13.05	13.04	6	67.423	6.739
195800	470300	8.695	8.637	0	13.05	13.04	6	67.424	6.739
195800	470400	8.697	8.637	0	13.05	13.04	6	67.425	6.739
195800	470500	8.7	8.637	0	13.05	13.03	6	67.427	6.739
195800	470600	8.705	8.637	0	13.05	13.03	6	6.743	6.739
195800	470700	8.714	8.637	0	13.05	13.03	6	67.435	6.739
195800	470800	8.728	8.637	0	13.06	13.04	6	67.442	6.739
195800	470900	8.749	8.636	0	13.06	13.03	6	67.455	6.739
195800	471000	8.935	8.789	0	13.04	13.01	6	66.714	6.663
195800	471100	8.989	8.789	0	13.05	13	6	66.745	6.663
195800	471200	9.116	8.789	0	13.08	13	6	66.818	6.663
195800	471300	9.799	8.788	0	13.25	13.01	6	67.218	6.663
195800	471400	9.561	8.789	0	13.21	13.01	6	6.712	6.663
195800	471500	9.152	8.789	0	13.1	13.01	6	6.686	6.663
195800	471600	9.04	8.788	0	13.07	13	6	66.789	6.663
195800	471700	8.987	8.789	0	13.06	13.01	6	66.755	6.663
195800	471800	8.958	8.789	0	13.05	13.01	6	66.735	6.663
195800	471900	8.94	8.789	0	13.04	13	6	66.723	6.663
195800	472000	8.59	8.45	0	12.75	12.72	6	64.945	6.486
195800	472100	8.582	8.45	0	12.75	12.72	6	64.939	6.486
195800	472200	8.577	8.45	0	12.75	12.72	6	64.935	6.486
195800	472300	8.573	8.45	0	12.74	12.71	6	64.932	6.486
195800	472400	8.568	8.449	0	12.74	12.71	6	64.929	6.486
195800	472500	8.563	8.45	0	12.74	12.71	6	64.925	6.486
195800	472600	8.553	8.45	0	12.74	12.72	6	64.919	6.486
195900	469400	9.689	9.656	0	13.35	13.34	6	68.749	6.873
195900	469500	9.692	9.655	0	13.35	13.34	6	68.751	6.873
195900	469600	9.695	9.655	0	13.35	13.34	6	68.753	6.873
195900	469700	9.698	9.655	0	13.36	13.35	6	68.755	6.873
195900	469800	9.7	9.655	0	13.36	13.35	6	68.756	6.873
195900	469900	9.703	9.656	0	13.36	13.35	6	68.758	6.873
195900	470000	8.686	8.637	0	13.05	13.04	6	67.419	6.739
195900	470100	8.687	8.636	0	13.05	13.04	6	6.742	6.739
195900	470200	8.689	8.637	0	13.05	13.04	6	6.742	6.739
195900	470300	8.691	8.637	0	13.05	13.04	6	67.421	6.739
195900	470400	8.693	8.637	0	13.05	13.04	6	67.423	6.739
195900	470500	8.697	8.637	0	13.05	13.04	6	67.425	6.739
195900	470600	8.703	8.637	0	13.05	13.03	6	67.428	6.739
195900	470700	8.712	8.637	0	13.05	13.03	6	67.434	6.739
195900	470800	8.728	8.637	0	13.06	13.04	6	67.442	6.739

195900	470900	8.756	8.637	0	13.06	13.03	6	67.457	6.739	
195900	471000	8.958	8.789	0	13.04		13	6	66.726	6.663
195900	471100	9.059	8.789	0	13.07	13.01		6	66.783	6.663
195900	471200	9.503	8.788	0	13.17	13.01		6	67.032	6.663
195900	471300	9.757	8.789	0	13.25	13.01		6	67.227	6.663
195900	471400	9.177	8.789	0	13.1		13	6	66.873	6.663
195900	471500	9.047	8.788	0	13.07		13	6	66.793	6.663
195900	471600	8.988	8.788	0	13.06	13.01		6	66.756	6.663
195900	471700	8.955	8.789	0	13.05	13.01		6	66.734	6.663
195900	471800	8.933	8.789	0	13.04		13	6	6.672	6.663
195900	471900	8.918	8.788	0	13.04	13.01		6	6.671	6.663
195900	472000	8.57	8.45	0	12.75	12.72		6	64.933	6.486
195900	472100	8.563	8.45	0	12.74	12.71		6	64.928	6.486
195900	472200	8.558	8.45	0	12.74	12.71		6	64.925	6.486
195900	472300	8.552	8.449	0	12.74	12.72		6	64.921	6.486
195900	472400	8.548	8.45	0	12.74	12.72		6	64.918	6.486
195900	472500	8.542	8.45	0	12.74	12.72		6	64.914	6.486
196000	469900	9.279	9.236	0	13.18	13.17		6	67.665	6.764
196000	470000	8.88	8.835	0	13.15	13.14		6	67.736	6.771
196000	470100	8.882	8.836	0	13.15	13.14		6	67.737	6.771
196000	470200	8.884	8.836	0	13.15	13.14		6	67.738	6.771
196000	470300	8.886	8.836	0	13.15	13.14		6	67.739	6.771
196000	470400	8.889	8.836	0	13.15	13.14		6	67.741	6.771
196000	470500	8.893	8.835	0	13.15	13.14		6	67.743	6.771
196000	470600	8.899	8.835	0	13.15	13.13		6	67.747	6.771
196000	470700	8.909	8.836	0	13.15	13.13		6	67.752	6.771
196000	470800	8.925	8.835	0	13.16	13.14		6	67.761	6.771
196000	470900	8.96	8.836	0	13.16	13.13		6	67.779	6.771
196000	471000	8.472	8.256	0	12.95	12.9		6	66.609	6.649
196000	471100	8.781	8.256	0	13.02	12.9		6	66.781	6.649
196000	471200	9.562	8.256	0	13.23	12.91		6	67.279	6.649
196000	471300	8.661	8.255	0	13.01	12.91		6	66.737	6.649
196000	471400	8.517	8.256	0	12.97	12.9		6	66.651	6.649
196000	471500	8.453	8.256	0	12.95	12.9		6	66.612	6.649
196000	471600	8.418	8.256	0	12.95	12.91		6	6.659	6.649
196000	471700	8.395	8.256	0	12.94	12.9		6	66.576	6.649
196000	471800	8.38	8.256	0	12.94	12.91		6	66.567	6.649
196000	471900	8.37	8.256	0	12.93	12.9		6	6.656	6.649
196000	472000	7.939	7.834	0	12.81	12.78		6	66.014	6.595
196000	472100	7.933	7.834	0	12.81	12.79		6	6.601	6.595
196000	472200	7.928	7.834	0	12.81	12.79		6	66.006	6.595
196000	472300	7.923	7.834	0	12.81	12.79		6	66.003	6.595
196000	472400	7.919	7.835	0	12.81	12.79		6 6.6		6.595
196000	472500	7.914	7.835	0	12.8	12.78		6	65.997	6.595
196100	470600	8.897	8.836	0	13.15	13.14		6	67.745	6.771
196100	470700	8.906	8.835	0	13.15	13.13		6	6.775	6.771
196100	470800	8.923	8.835	0	13.16	13.14		6	6.776	6.771
196100	470900	8.961	8.835	0	13.16	13.13		6	6.778	6.771
196100	471000	8.567	8.256	0	12.97	12.9		6	66.656	6.649
196100	471100	10.137	8.256	0	13.37	12.91		6	6.762	6.649
196100	471200	8.671	8.256	0	13.01	12.91		6	66.738	6.649
196100	471300	8.509	8.256	0	12.97	12.91		6	66.643	6.649
196100	471400	8.447	8.256	0	12.95	12.9		6	66.606	6.649

196100	471500	8.412	8.256	0	12.94	12.9	6	66.586	6.649
196100	471600	8.39	8.256	0	12.94	12.91	6	66.572	6.649
196100	471700	8.373	8.255	0	12.93	12.9	6	66.562	6.649
196100	471800	8.362	8.256	0	12.93	12.9	6	66.556	6.649
196100	471900	8.354	8.256	0	12.93	12.91	6	66.551	6.649
196100	472000	7.926	7.834	0	12.81	12.79	6	66.006	6.595
196100	472100	7.921	7.834	0	12.81	12.79	6	66.003	6.595
196100	472200	7.916	7.834	0	12.81	12.79	6	6.6	6.595
196100	472300	7.912	7.834	0	12.8	12.78	6	65.997	6.595
196100	472400	7.908	7.834	0	12.8	12.78	6	65.994	6.595
196100	472500	7.904	7.834	0	12.8	12.78	6	65.992	6.595
196200	471300	8.43	8.256	0	12.95	12.91	6	66.594	6.649
196200	471400	8.4	8.256	0	12.94	12.9	6	66.577	6.649
196200	471500	8.382	8.256	0	12.94	12.91	6	66.566	6.649
196200	471600	8.368	8.256	0	12.93	12.9	6	66.558	6.649
196200	471700	8.357	8.256	0	12.93	12.9	6	66.552	6.649
196200	471800	8.348	8.256	0	12.93	12.91	6	66.547	6.649
196200	471900	8.342	8.256	0	12.93	12.91	6	66.543	6.649
196200	472000	7.915	7.834	0	12.81	12.79	6	65.999	6.595
196200	472100	7.911	7.834	0	12.8	12.78	6	65.997	6.595
196200	472200	7.907	7.834	0	12.8	12.78	6	65.994	6.595
196200	472300	7.904	7.834	0	12.8	12.78	6	65.992	6.595
196200	472400	7.9	7.834	0	12.8	12.78	6	6.599	6.595
196200	472500	7.896	7.834	0	12.8	12.78	6	65.988	6.595
196300	472000	7.906	7.834	0	12.8	12.78	6	65.994	6.595
196300	472100	7.903	7.834	0	12.8	12.78	6	65.992	6.595
196300	472200	7.899	7.834	0	12.8	12.78	6	6.599	6.595
196300	472300	7.897	7.835	0	12.8	12.78	6	65.988	6.595
196300	472400	7.893	7.834	0	12.8	12.79	6	65.986	6.595
196300	472500	7.89	7.834	0	12.8	12.79	6	65.984	6.595
194700	470675	8.243	8.146	0	12.9	12.88	6	66.352	6.629
194700	470700	8.245	8.146	0	12.9	12.87	6	66.353	6.629
194700	470725	8.247	8.146	0	12.9	12.87	6	66.354	6.629
194700	470750	8.249	8.146	0	12.9	12.87	6	66.355	6.629
194700	470775	8.252	8.146	0	12.9	12.87	6	66.357	6.629
194700	470800	8.255	8.146	0	12.9	12.87	6	66.359	6.629
194700	470825	8.258	8.146	0	12.9	12.87	6	66.361	6.629
194700	470850	8.261	8.146	0	12.91	12.88	6	66.363	6.629
194725	470675	8.249	8.146	0	12.9	12.87	6	66.355	6.629
194725	470700	8.25	8.146	0	12.9	12.87	6	66.356	6.629
194725	470725	8.252	8.146	0	12.9	12.87	6	66.357	6.629
194725	470750	8.254	8.146	0	12.9	12.87	6	66.358	6.629
194725	470775	8.256	8.146	0	12.9	12.87	6	66.359	6.629
194725	470800	8.258	8.146	0	12.9	12.87	6	66.361	6.629
194725	470825	8.261	8.146	0	12.9	12.87	6	66.362	6.629
194725	470850	8.264	8.146	0	12.91	12.88	6	66.364	6.629
194725	470875	8.267	8.146	0	12.91	12.88	6	66.367	6.629
194725	470900	8.271	8.146	0	12.91	12.88	6	66.369	6.629
194725	470925	8.277	8.146	0	12.91	12.88	6	66.372	6.629
194725	470950	8.283	8.146	0	12.91	12.87	6	66.377	6.629
194725	470975	8.292	8.146	0	12.91	12.87	6	66.382	6.629
194725	471000	7.95	7.793	0	12.89	12.85	6	66.269	6.617
194725	471025	7.964	7.792	0	12.89	12.85	6	66.278	6.617

194725	471050	7.987	7.792	0 12.9	12.85	6	66.292	6.617
194725	471075	8.028	7.792	0 12.91	12.85	6	66.319	6.617
194750	470675	8.257	8.146	0 12.9	12.87	6	66.359	6.629
194750	470700	8.258	8.146	0 12.9	12.87	6	6.636	6.629
194750	470725	8.259	8.146	0 12.9	12.87	6	66.361	6.629
194750	470750	8.261	8.146	0 12.9	12.87	6	66.362	6.629
194750	470775	8.262	8.146	0 12.91	12.88	6	66.363	6.629
194750	470800	8.264	8.146	0 12.91	12.88	6	66.364	6.629
194750	470825	8.266	8.146	0 12.91	12.88	6	66.366	6.629
194750	470850	8.269	8.146	0 12.91	12.88	6	66.367	6.629
194750	470875	8.272	8.146	0 12.91	12.88	6	66.369	6.629
194750	470900	8.275	8.146	0 12.91	12.88	6	66.372	6.629
194750	470925 8.28		8.146	0 12.91	12.88	6	66.374	6.629
194750	470950	8.286	8.146	0 12.91	12.87	6	66.378	6.629
194750	470975	8.294	8.146	0 12.91	12.87	6	66.383	6.629
194750	471000	7.951	7.792	0 12.89	12.85	6	6.627	6.617
194750	471025	7.966	7.792	0 12.89	12.85	6	66.279	6.617
194750	471050	7.989	7.792	0 12.9	12.85	6	66.294	6.617
194750	471075	8.036	7.793	0 12.91	12.85	6	66.323	6.617
194750	471100	8.209	7.792	0 12.95	12.85	6	66.431	6.617
194750	471125 8.21		7.792	0 12.96	12.84	6	66.461	6.617
194750	471150	8.044	7.793	0 12.91	12.84	6	66.342	6.617
194750	471175	8	7.792	0 12.9	12.84	6	66.309	6.617
194750	471200	7.984	7.792	0 12.9	12.85	6	66.297	6.617
194750	471225	7.978	7.792	0 12.9	12.85	6	66.292	6.617
194750	471250	7.976	7.792	0 12.89	12.84	6	66.289	6.617
194750	471275	7.978	7.793	0 12.89	12.84	6	66.289	6.617
194750	471300	7.982	7.792	0 12.9	12.85	6	66.291	6.617
194750	471325	7.987	7.792	0 12.9	12.85	6	66.294	6.617
194775	470675	8.269	8.146	0 12.91	12.88	6	66.366	6.629
194775	470700	8.269	8.146	0 12.91	12.88	6	66.367	6.629
194775	470725 8.27		8.146	0 12.91	12.88	6	66.368	6.629
194775	470750	8.271	8.145	0 12.91	12.88	6	66.368	6.629
194775	470775	8.273	8.146	0 12.91	12.88	6	66.369	6.629
194775	470800	8.274	8.146	0 12.91	12.88	6	6.637	6.629
194775	470825	8.275	8.146	0 12.91	12.88	6	66.371	6.629
194775	470850	8.277	8.146	0 12.91	12.88	6	66.372	6.629
194775	470875	8.279	8.146	0 12.91	12.88	6	66.374	6.629
194775	470900	8.282	8.146	0 12.91	12.88	6	66.376	6.629
194775	470925	8.286	8.146	0 12.91	12.87	6	66.378	6.629
194775	470950	8.292	8.146	0 12.91	12.87	6	66.382	6.629
194775	470975	8.299	8.146	0 12.91	12.87	6	66.386	6.629
194775	471000	7.956	7.792	0 12.89	12.85	6	66.273	6.617
194775	471025	7.972	7.792	0 12.89	12.84	6	66.283	6.617
194775	471050	7.997	7.792	0 12.9	12.85	6	66.298	6.617
194775	471075 8.05		7.792	0 12.91	12.84	6	66.332	6.617
194775	471100	8.281	7.792	0 12.97	12.85	6	66.476	6.617
194775	471125	8.179	7.792	0 12.95	12.84	6	66.437	6.617
194775	471150	8.047	7.792	0 12.92	12.85	6	66.343	6.617
194775	471175	8.009	7.792	0 12.9	12.84	6	66.314	6.617
194775	471200	7.993	7.792	0 12.9	12.85	6	66.303	6.617
194775	471225	7.987	7.792	0 12.9	12.85	6	66.297	6.617
194775	471250	7.986	7.792	0 12.9	12.85	6	66.296	6.617

194775	471275	7.988	7.792	0 12.9	12.85	6	66.296	6.617
194775	471300	7.992	7.793	0 12.9	12.85	6	66.298	66.171
194775	471325	7.997	7.792	0 12.9	12.85	6	66.301	6.617
194775	471350	8.004	7.792	0 12.9	12.84	6	66.305	6.617
194775	471375	8.013	7.792	0 12.9	12.84	6	66.309	6.617
194775	471400	8.023	7.792	0 12.91	12.85	6	66.316	6.617
194775	471425	8.036	7.792	0 12.91	12.85	6	66.323	6.617
194775	471450	8.053	7.792	0 12.91	12.84	6	66.334	6.617
194775	471475	8.074	7.792	0 12.92	12.85	6	66.347	6.617
194775	471500	8.102	7.792	0 12.93	12.85	6	66.364	6.617
194775	471525	8.142	7.792	0 12.94	12.85	6	66.388	6.617
194775	471550	8.204	7.792	0 12.95	12.85	6	66.425	6.617
194800	470675	8.289	8.146	0 12.91	12.87	6	66.378	6.629
194800	470700	8.289	8.146	0 12.91	12.87	6	66.379	6.629
194800	470725	8.289	8.146	0 12.91	12.87	6	66.379	6.629
194800	470750 8.29		8.146	0 12.91	12.87	6	66.379	6.629
194800	470775 8.29		8.146	0 12.91	12.87	6	6.638	6.629
194800	470800 8.29		8.146	0 12.91	12.87	6	6.638	6.629
194800	470825 8.29		8.146	0 12.91	12.87	6	6.638	6.629
194800	470850 8.29		8.146	0 12.91	12.87	6	66.381	6.629
194800	470875	8.292	8.146	0 12.91	12.87	6	66.382	6.629
194800	470900	8.293	8.146	0 12.91	12.87	6	66.383	6.629
194800	470925	8.296	8.146	0 12.91	12.87	6	66.385	6.629
194800	470950	8.301	8.146	0 12.92	12.88	6	66.388	6.629
194800	470975	8.308	8.146	0 12.92	12.88	6	66.392	6.629
194800	471000	7.965	7.792	0 12.89	12.85	6	66.278	6.617
194800	471025	7.981	7.792	0 12.89	12.84	6	66.288	6.617
194800	471050	8.009	7.792	0 12.9	12.85	6	66.306	6.617
194800	471075	8.071	7.792	0 12.92	12.85	6	66.344	6.617
194800	471100	8.382	7.792	0 12.99	12.84	6	66.539	6.617
194800	471125	8.161	7.792	0 12.95	12.85	6	66.424	6.617
194800	471150	8.054	7.793	0 12.92	12.85	6	66.346	6.617
194800	471175	8.021	7.793	0 12.91	12.85	6	66.321	6.617
194800	471200	8.006	7.792	0 12.9	12.84	6	6.631	6.617
194800	471225	8.001	7.793	0 12.9	12.84	6	66.306	6.617
194800	471250	7.999	7.792	0 12.9	12.85	6	66.304	6.617
194800	471275	8.001	7.792	0 12.9	12.85	6	66.304	6.617
194800	471300	8.004	7.792	0 12.9	12.84	6	66.306	6.617
194800	471325 8.01		7.792	0 12.9	12.84	6	66.309	6.617
194800	471350	8.017	7.792	0 12.9	12.84	6	66.313	6.617
194800	471375	8.025	7.792	0 12.91	12.85	6	66.318	6.617
194800	471400	8.036	7.792	0 12.91	12.85	6	66.324	6.617
194800	471425	8.048	7.792	0 12.91	12.84	6	66.331	6.617
194800	471450	8.065	7.792	0 12.92	12.85	6	66.341	6.617
194800	471475	8.085	7.792	0 12.92	12.84	6	66.354	6.617
194800	471500	8.113	7.792	0 12.93	12.85	6	66.371	6.617
194800	471525	8.152	7.792	0 12.94	12.85	6	66.395	6.617
194800	471550	8.212	7.792	0 12.95	12.84	6	66.431	6.617
194800	471575	8.316	7.792	0 12.98	12.85	6	66.494	6.617
194800	471600 8.54		7.793	0 13.04	12.85	6	66.631	6.617
194800	471625	9.331	7.792	0 13.24	12.85	6	6.712	6.617
194800	471650	9.572	7.792	0 13.37	12.85	6	67.433	6.617
194825	470675	8.331	8.146	0 12.92	12.87	6	66.403	6.629

194825	470700	8.329	8.146	0	12.92	12.88	6	66.402	6.629
194825	470725	8.327	8.146	0	12.92	12.88	6	66.401	6.629
194825	470750	8.326	8.146	0	12.92	12.88	6	66.401	6.629
194825	470775	8.325	8.146	0	12.92	12.88	6	6.64	6.629
194825	470800	8.323	8.146	0	12.92	12.88	6	66.399	6.629
194825	470825	8.32	8.146	0	12.92	12.88	6	66.398	6.629
194825	470850	8.316	8.146	0	12.92	12.88	6	66.397	6.629
194825	470875	8.314	8.146	0	12.92	12.88	6	66.396	6.629
194825	470900	8.314	8.146	0	12.92	12.88	6	66.396	6.629
194825	470925	8.315	8.146	0	12.92	12.88	6	66.397	6.629
194825	470950	8.318	8.146	0	12.92	12.88	6	66.399	6.629
194825	470975	8.324	8.146	0	12.92	12.87	6	66.402	6.629
194825	471000	7.98	7.792	0	12.89	12.84	6	66.288	6.617
194825	471025	7.996	7.792	0	12.9	12.85	6	66.298	6.617
194825	471050	8.027	7.792	0	12.91	12.85	6	66.317	6.617
194825	471075	8.099	7.792	0	12.92	12.84	6	66.361	6.617
194825	471100	8.53	7.792	0	13.03	12.84	6	66.634	6.617
194825	471125	8.157	7.792	0	12.95	12.85	6	66.418	6.617
194825	471150	8.067	7.792	0	12.92	12.85	6	66.353	6.617
194825	471175	8.038	7.793	0	12.91	12.84	6	66.331	6.617
194825	471200	8.025	7.792	0	12.91	12.85	6	66.322	6.617
194825	471225	8.019	7.792	0	12.91	12.85	6	66.317	6.617
194825	471250	8.017	7.792	0	12.9	12.84	6	66.315	6.617
194825	471275	8.018	7.792	0	12.9	12.84	6	66.315	6.617
194825	471300	8.021	7.792	0	12.91	12.85	6	66.316	6.617
194825	471325	8.027	7.793	0	12.91	12.85	6	66.319	6.617
194825	471350	8.033	7.792	0	12.91	12.85	6	66.323	6.617
194825	471375	8.042	7.793	0	12.91	12.85	6	66.328	6.617
194825	471400	8.052	7.792	0	12.91	12.84	6	66.334	6.617
194825	471425	8.065	7.792	0	12.92	12.85	6	66.341	6.617
194825	471450	8.081	7.792	0	12.92	12.85	6	66.351	6.617
194825	471475	8.101	7.792	0	12.92	12.84	6	66.363	6.617
194825	471500	8.129	7.792	0	12.93	12.84	6	6.638	6.617
194825	471525	8.168	7.792	0	12.94	12.84	6	66.405	6.617
194825	471550	8.228	7.792	0	12.96	12.85	6	66.441	6.617
194825	471575	8.332	7.792	0	12.98	12.84	6	66.505	6.617
194825	471600	8.569	7.792	0	13.04	12.84	6	6.665	6.617
194825	471625	9.499	7.792	0	13.28	12.84	6	67.228	6.617
194825	471650	9.404	7.793	0	13.32	12.85	6	67.314	6.617
194850	470675	8.466	8.146	0	12.95	12.87	6	66.482	6.629
194850	470700	8.453	8.146	0	12.95	12.88	6	66.474	6.629
194850	470725	8.442	8.146	0	12.95	12.88	6	66.468	6.629
194850	470750	8.432	8.146	0	12.94	12.87	6	66.462	6.629
194850	470775	8.423	8.146	0	12.94	12.87	6	66.457	6.629
194850	470800	8.413	8.145	0	12.94	12.88	6	66.452	6.629
194850	470825	8.397	8.146	0	12.94	12.88	6	66.444	6.629
194850	470850	8.379	8.146	0	12.93	12.87	6	66.435	6.629
194850	470875	8.365	8.146	0	12.93	12.87	6	66.429	6.629
194850	470900	8.357	8.146	0	12.93	12.88	6	66.424	6.629
194850	470925	8.353	8.146	0	12.93	12.88	6	66.422	6.629
194850	470950	8.352	8.146	0	12.93	12.88	6	66.421	6.629
194850	470975	8.354	8.146	0	12.93	12.88	6	66.422	6.629
194850	471000	8.007	7.792	0	12.9	12.84	6	66.306	6.617

194850	471025	8.022	7.792	0	12.9	12.84	6	66.314	6.617
194850	471050	8.054	7.792	0	12.91	12.84	6	66.334	6.617
194850	471075	8.14	7.792	0	12.93	12.84	6	66.386	6.617
194850	471100	-200	-200	0	-200	-200	-200	-200	-200
194850	471125	8.169	7.792	0	12.95	12.85	6	66.424	6.617
194850	471150	8.094	7.793	0	12.93	12.85	6	66.369	6.617
194850	471175	8.067	7.792	0	12.92	12.85	6	6.635	6.617
194850	471200	8.055	7.793	0	12.92	12.85	6	6.634	6.617
194850	471225	8.048	7.792	0	12.91	12.84	6	66.335	6.617
194850	471250	8.045	7.792	0	12.91	12.84	6	66.333	6.617
194850	471275	8.045	7.792	0	12.91	12.84	6	66.332	6.617
194850	471300	8.047	7.792	0	12.91	12.84	6	66.333	6.617
194850	471325	8.051	7.792	0	12.91	12.84	6	66.334	6.617
194850	471350	8.057	7.792	0	12.91	12.84	6	66.338	6.617
194850	471375	8.064	7.792	0	12.92	12.85	6	66.342	6.617
194850	471400	8.074	7.792	0	12.92	12.85	6	66.348	6.617
194850	471425	8.087	7.793	0	12.92	12.84	6	66.355	6.617
194850	471450	8.103	7.792	0	12.93	12.85	6	66.365	6.617
194850	471475	8.123	7.792	0	12.93	12.85	6	66.377	6.617
194850	471500	8.151	7.792	0	12.94	12.85	6	66.394	6.617
194850	471525	8.188	7.792	0	12.95	12.85	6	66.417	6.617
194850	471550	8.249	7.792	0	12.96	12.84	6	66.454	6.617
194850	471575	8.359	7.792	0	12.99	12.85	6	66.522	6.617
194850	471600	8.614	7.793	0	13.05	12.84	6	66.678	6.617
194850	471625	9.735	7.792	0	13.34	12.84	6	67.378	6.617
194875	470650	8.751	8.146	0	13.01	12.88	6	66.626	6.629
194875	470675	8.801	8.146	0	13.02	12.88	6	66.654	6.629
194875	470700	8.86	8.146	0	13.03	12.87	6	66.686	6.629
194875	470725	8.928	8.145	0	13.05	12.88	6	66.724	6.629
194875	470750	9.008	8.146	0	13.06	12.87	6	66.769	6.629
194875	470775	9.091	8.146	0	13.08	12.87	6	66.817	6.629
194875	470800	-200	-200	0	-200	-200	-200	-200	-200
194875	470825	-200	-200	0	-200	-200	-200	-200	-200
194875	470850	8.713	8.146	0	13.01	12.87	6	66.632	6.629
194875	470875	8.576	8.146	0	12.99	12.88	6	66.563	6.629
194875	470900	8.515	8.146	0	12.97	12.87	6	66.527	6.629
194875	470925	8.478	8.146	0	12.96	12.87	6	66.503	6.629
194875	470950	8.453	8.146	0	12.96	12.88	6	66.487	6.629
194875	470975	8.438	8.146	0	12.95	12.87	6	66.477	6.629
194875	471000	8.079	7.793	0	12.92	12.85	6	66.353	6.617
194875	471025	8.083	7.792	0	12.92	12.84	6	66.354	6.617
194875	471050	8.11	7.793	0	12.93	12.85	6	66.369	6.617
194875	471075	8.21	7.792	0	12.95	12.84	6	66.429	6.617
194875	471100	8.628	7.792	0	13.07	12.84	6	66.736	6.617
194875	471125	8.221	7.792	0	12.96	12.84	6	66.455	6.617
194875	471150	8.155	7.792	0	12.94	12.84	6	66.407	6.617
194875	471175	8.127	7.793	0	12.93	12.84	6	66.388	6.617
194875	471200	8.11	7.792	0	12.93	12.85	6	66.376	6.617
194875	471225	8.1	7.792	0	12.93	12.85	6	66.369	6.617
194875	471250	8.093	7.792	0	12.92	12.84	6	66.364	6.617
194875	471275	8.09	7.792	0	12.92	12.84	6	66.361	6.617
194875	471300	8.089	7.792	0	12.92	12.84	6	66.359	6.617
194875	471325	8.09	7.792	0	12.92	12.84	6	6.636	6.617

194875	471350	8.094	7.792	0	12.92	12.84	6	66.362	6.617
194875	471375	8.1	7.792	0	12.93	12.85	6	66.364	6.617
194875	471400	8.108	7.792	0	12.93	12.85	6	66.369	6.617
194875	471425	8.119	7.792	0	12.93	12.85	6	66.375	6.617
194875	471450	8.133	7.792	0	12.93	12.84	6	66.384	6.617
194875	471475	8.153	7.793	0	12.94	12.85	6	66.396	6.617
194875	471500	8.179	7.792	0	12.94	12.84	6	66.412	6.617
194875	471525	8.218	7.792	0	12.95	12.84	6	66.436	6.617
194875	471550	8.281	7.793	0	12.97	12.85	6	66.474	6.617
194875	471575	8.395	7.793	0	13	12.85	6	66.544	6.617
194875	471600	8.672	7.792	0	13.07	12.85	6	66.714	6.617
194875	471625	10.051	7.792	0	13.43	12.85	6	67.581	6.617
194900	470650	8.417	8.146	0	12.94	12.88	6	66.444	6.629
194900	470675	8.425	8.146	0	12.94	12.88	6	66.449	6.629
194900	470700	8.434	8.146	0	12.94	12.88	6	66.453	6.629
194900	470725	8.443	8.146	0	12.94	12.87	6	66.459	6.629
194900	470750	8.454	8.146	0	12.94	12.87	6	66.465	6.629
194900	470775	8.465	8.146	0	12.95	12.88	6	66.471	6.629
194900	470800	8.48	8.146	0	12.95	12.87	6	6.648	6.629
194900	470825	8.508	8.146	0	12.96	12.88	6	66.495	6.629
194900	470850	8.549	8.146	0	12.97	12.88	6	66.521	6.629
194900	470875	8.587	8.146	0	12.98	12.87	6	66.552	6.629
194900	470900	8.646	8.145	0	13	12.88	6	66.592	6.629
194900	470925	8.736	8.146	0	13.02	12.87	6	66.648	6.629
194900	470950	8.868	8.146	0	13.06	12.88	6	6.673	6.629
194900	470975	-200	-200	0	-200	-200	-200	-200	-200
194900	471000	-200	-200	0	-200	-200	-200	-200	-200
194900	471025	8.446	7.792	0	13.02	12.85	6	6.659	6.617
194900	471050	8.363	7.792	0	12.99	12.84	6	66.534	6.617
194900	471075	8.411	7.792	0	13	12.84	6	66.557	6.617
194900	471100	8.745	7.792	0	13.1	12.85	6	6.68	6.617
194900	471125	8.444	7.792	0	13.02	12.85	6	66.594	6.617
194900	471150	8.352	7.792	0	12.99	12.84	6	66.533	6.617
194900	471175	8.295	7.792	0	12.98	12.85	6	66.496	6.617
194900	471200	8.254	7.792	0	12.97	12.85	6	66.469	6.617
194900	471225	8.224	7.792	0	12.96	12.85	6	66.449	6.617
194900	471250	8.201	7.792	0	12.95	12.84	6	66.433	6.617
194900	471275	8.184	7.792	0	12.95	12.85	6	66.422	6.617
194900	471300	8.173	7.792	0	12.95	12.85	6	66.414	6.617
194900	471325	8.166	7.792	0	12.94	12.84	6	66.409	6.617
194900	471350	8.163	7.792	0	12.94	12.84	6	66.406	6.617
194900	471375	8.162	7.792	0	12.94	12.84	6	66.405	6.617
194900	471400	8.165	7.793	0	12.94	12.84	6	66.405	6.617
194900	471425	8.171	7.792	0	12.94	12.84	6	66.408	6.617
194900	471450	8.182	7.792	0	12.95	12.85	6	66.415	6.617
194900	471475	8.199	7.792	0	12.95	12.85	6	66.425	6.617
194900	471500	8.224	7.792	0	12.96	12.85	6	6.644	6.617
194900	471525	8.262	7.793	0	12.97	12.85	6	66.463	6.617
194900	471550	8.324	7.792	0	12.98	12.84	6	66.501	6.617
194900	471575	8.444	7.792	0	13.01	12.84	6	66.575	6.617
194900	471600	8.751	7.793	0	13.09	12.85	6	66.762	6.617
194900	471625	10.488	7.792	0	13.54	12.85	6	67.859	6.617
194925	470650	8.338	8.146	0	12.92	12.88	6	66.402	6.629

194925	470675	8.341	8.145	0	12.92	12.87	6	66.403	6.629
194925	470700	8.345	8.146	0	12.92	12.87	6	66.406	6.629
194925	470725	8.35	8.146	0	12.92	12.87	6	66.408	6.629
194925	470750	8.355	8.146	0	12.92	12.87	6	66.411	6.629
194925	470775	8.36	8.146	0	12.93	12.88	6	66.414	6.629
194925	470800	8.367	8.146	0	12.93	12.88	6	66.418	6.629
194925	470825	8.375	8.146	0	12.93	12.88	6	66.423	6.629
194925	470850	8.386	8.146	0	12.93	12.87	6	66.431	6.629
194925	470875	8.397	8.146	0	12.94	12.88	6	66.439	6.629
194925	470900	8.41	8.146	0	12.94	12.88	6	66.448	6.629
194925	470925	8.427	8.146	0	12.94	12.87	6	6.646	6.629
194925	470950	8.449	8.146	0	12.95	12.88	6	66.473	6.629
194925	470975	8.475	8.146	0	12.96	12.88	6	66.489	6.629
194925	471000	8.158	7.793	0	12.94	12.85	6	6.639	6.617
194925	471025	8.204	7.792	0	12.95	12.85	6	66.418	6.617
194925	471050	8.274	7.792	0	12.96	12.84	6	6.646	6.617
194925	471075	8.414	7.792	0	13	12.85	6	66.541	6.617
194925	471100	8.813	7.793	0	13.09	12.84	6	66.774	6.617
194925	471125	9.148	7.792	0	13.18	12.85	6	66.985	6.617
194925	471150	9.562	7.792	0	13.29	12.85	6	67.247	6.617
194925	471175	-200	-200	0	-200	-200	-200	-200	-200
194925	471200	9.151	7.793	0	13.21	12.85	6	67.048	6.617
194925	471225	8.823	7.793	0	13.12	12.85	6	66.835	6.617
194925	471250	8.63	7.792	0	13.07	12.85	6	6.671	6.617
194925	471275	8.509	7.792	0	13.04	12.85	6	66.632	6.617
194925	471300	8.429	7.792	0	13.01	12.84	6	6.658	6.617
194925	471325	8.375	7.792	0	13	12.85	6	66.544	6.617
194925	471350	8.337	7.792	0	12.99	12.85	6	66.518	6.617
194925	471375	8.309	7.792	0	12.98	12.85	6	66.499	6.617
194925	471400	8.288	7.792	0	12.97	12.84	6	66.485	6.617
194925	471425	8.276	7.792	0	12.97	12.84	6	66.476	6.617
194925	471450	8.274	7.792	0	12.97	12.85	6	66.474	6.617
194925	471475	8.282	7.793	0	12.97	12.84	6	66.477	6.617
194925	471500	8.299	7.792	0	12.98	12.85	6	66.488	6.617
194925	471525	8.332	7.792	0	12.98	12.84	6	66.507	6.617
194925	471550	8.393	7.792	0	13	12.85	6	66.545	6.617
194925	471575	8.518	7.792	0	13.03	12.85	6	66.621	6.617
194925	471600	8.866	7.792	0	13.12	12.85	6	66.831	6.617
194925	471625	-200	-200	0	-200	-200	-200	-200	-200
194950	470650	8.304	8.146	0	12.91	12.87	6	66.383	6.629
194950	470675	8.306	8.146	0	12.91	12.87	6	66.384	6.629
194950	470700	8.309	8.146	0	12.91	12.87	6	66.386	6.629
194950	470725	8.311	8.146	0	12.91	12.87	6	66.387	6.629
194950	470750	8.315	8.146	0	12.92	12.88	6	66.389	6.629
194950	470775	8.318	8.146	0	12.92	12.88	6	66.391	6.629
194950	470800	8.323	8.146	0	12.92	12.88	6	66.394	6.629
194950	470825	8.328	8.146	0	12.92	12.88	6	66.397	6.629
194950	470850	8.333	8.146	0	12.92	12.88	6	66.401	6.629
194950	470875	8.34	8.146	0	12.92	12.87	6	66.406	6.629
194950	470900	8.347	8.146	0	12.92	12.87	6	66.411	6.629
194950	470925	8.356	8.146	0	12.93	12.88	6	66.416	6.629
194950	470950	8.367	8.146	0	12.93	12.88	6	66.424	6.629
194950	470975	8.381	8.146	0	12.93	12.87	6	66.432	6.629

194950	471000	8.045	7.792	0	12.91	12.85	6	66.322	6.617
194950	471025	8.068	7.792	0	12.91	12.84	6	66.336	6.617
194950	471050	8.102	7.792	0	12.92	12.84	6	66.355	6.617
194950	471075	8.155	7.792	0	12.93	12.84	6	66.386	6.617
194950	471100	8.235	7.792	0	12.95	12.84	6	66.433	6.617
194950	471125 8.31		7.792	0	12.97	12.84	6	66.477	6.617
194950	471150	8.373	7.793	0	12.99	12.85	6	66.515	6.617
194950	471175	8.442	7.792	0	13	12.84	6	66.557	6.617
194950	471200	8.524	7.792	0	13.03	12.85	6	66.607	6.617
194950	471225 8.63		7.792	0	13.05	12.84	6	66.671	6.617
194950	471250	8.771	7.792	0	13.09	12.85	6	66.756	6.617
194950	471275	8.971	7.792	0	13.14	12.85	6	66.877	6.617
194950	471300	9.272	7.792	0	13.21	12.84	6	67.062	6.617
194950	471325	9.712	7.792	0	13.33	12.85	6	67.342	6.617
194950	471350	-200	-200	0	-200	-200	-200	-200	-200
194950	471375	9.076	7.792	0	13.18	12.84	6	66.992	6.617
194950	471400	8.774	7.792	0	13.1	12.84	6	66.797	6.617
194950	471425	8.615	7.792	0	13.06	12.84	6	66.694	6.617
194950	471450	8.529	7.792	0	13.04	12.85	6	66.637	6.617
194950	471475	8.489	7.792	0	13.03	12.85	6	66.609	6.617
194950	471500	8.472	7.792	0	13.02	12.85	6	66.597	6.617
194950	471525	8.479	7.792	0	13.02	12.84	6	6.66	6.617
194950	471550	8.525	7.792	0	13.03	12.84	6	66.627	6.617
194950	471575	8.645	7.792	0	13.06	12.84	6	6.67	6.617
194950	471600	9.037	7.792	0	13.16	12.85	6	66.937	6.617
194950	471625	-200	-200	0	-200	-200	-200	-200	-200
194975	470650	8.284	8.146	0	12.91	12.88	6	66.372	6.629
194975	470675	8.286	8.146	0	12.91	12.88	6	66.373	6.629
194975	470700	8.288	8.146	0	12.91	12.88	6	66.375	6.629
194975	470725 8.29		8.146	0	12.91	12.88	6	66.376	6.629
194975	470750	8.293	8.146	0	12.91	12.87	6	66.377	6.629
194975	470775	8.296	8.146	0	12.91	12.87	6	66.379	6.629
194975	470800 8.3		8.146	0	12.91	12.87	6	66.381	6.629
194975	470825	8.303	8.146	0	12.91	12.87	6	66.384	6.629
194975	470850	8.308	8.146	0	12.91	12.87	6	66.387	6.629
194975	470875	8.313	8.146	0	12.92	12.88	6	6.639	6.629
194975	470900	8.318	8.146	0	12.92	12.88	6	66.393	6.629
194975	470925	8.325	8.146	0	12.92	12.88	6	66.398	6.629
194975	470950	8.333	8.146	0	12.92	12.87	6	66.403	6.629
194975	470975	8.342	8.146	0	12.92	12.87	6	66.408	6.629
194975	471000	8.001	7.792	0	12.9	12.85	6	66.296	6.617
194975	471025	8.017	7.792	0	12.9	12.84	6	66.305	6.617
194975	471050	8.038	7.792	0	12.91	12.85	6	66.317	6.617
194975	471075	8.066	7.793	0	12.91	12.84	6	66.333	6.617
194975	471100 8.1		7.792	0	12.92	12.85	6	66.353	6.617
194975	471125	8.134	7.792	0	12.93	12.85	6	66.373	6.617
194975	471150	8.164	7.792	0	12.94	12.85	6	66.391	6.617
194975	471175	8.192	7.792	0	12.94	12.84	6	66.408	6.617
194975	471200	8.222	7.792	0	12.95	12.85	6	66.426	6.617
194975	471225	8.255	7.792	0	12.96	12.85	6	66.446	6.617
194975	471250	8.293	7.792	0	12.97	12.85	6	66.469	6.617
194975	471275	8.337	7.792	0	12.98	12.85	6	66.495	6.617
194975	471300	8.389	7.792	0	12.99	12.84	6	66.526	6.617

194975	471325	8.456	7.792	0	13.01	12.85	6	66.565	6.617
194975	471350	8.551	7.792	0	13.03	12.85	6	6.662	6.617
194975	471375	8.708	7.792	0	13.07	12.85	6	66.711	6.617
194975	471400	8.925	7.792	0	13.12	12.85	6	66.839	6.617
194975	471425	9.263	7.792	0	13.2	12.84	6	67.042	6.617
194975	471450	9.842	7.792	0	13.35	12.84	6	6.74	6.617
194975	471475	-200	-200	0	-200	-200	-200	-200	-200
194975	471500	9.329	7.792	0	13.24	12.84	6	67.136	6.617
194975	471525	9.014	7.792	0	13.16	12.85	6	66.936	6.617
194975	471550	8.902	7.792	0	13.13	12.85	6	66.863	6.617
194975	471575	8.949	7.792	0	13.14	12.85	6	6.689	6.617
194975	471600	9.353	7.793	0	13.24	12.84	6	67.135	6.617
194975	471625	10.869	7.792	0	13.72	12.85	6	68.289	6.617
195000	470650	8.762	8.637	0	13.07	13.04	6	67.466	6.739
195000	470675	8.763	8.636	0	13.07	13.04	6	67.466	6.739
195000	470700	8.765	8.636	0	13.07	13.04	6	67.468	6.739
195000	470725	8.767	8.636	0	13.07	13.04	6	67.469	6.739
195000	470750	8.77	8.637	0	13.07	13.04	6	6.747	6.739
195000	470775	8.772	8.637	0	13.07	13.04	6	67.472	6.739
195000	470800	8.775	8.637	0	13.07	13.04	6	67.473	6.739
195000	470825	8.778	8.637	0	13.07	13.04	6	67.475	6.739
195000	470850	8.782	8.637	0	13.07	13.03	6	67.478	6.739
195000	470875	8.786	8.637	0	13.07	13.03	6	6.748	6.739
195000	470900	8.791	8.637	0	13.07	13.03	6	67.483	6.739
195000	470925	8.796	8.637	0	13.07	13.03	6	67.487	6.739
195000	470950	8.803	8.637	0	13.08	13.04	6	67.491	6.739
195000	470975	8.811	8.637	0	13.08	13.04	6	67.496	6.739
195000	471000	8.972	8.789	0	13.05	13	6	66.741	6.663
195000	471025	8.983	8.788	0	13.05	13	6	66.748	6.663
195000	471050	8.998	8.789	0	13.06	13.01	6	66.757	6.663
195000	471075	9.015	8.789	0	13.06	13	6	66.767	6.663
195000	471100	9.034	8.789	0	13.07	13.01	6	66.778	6.663
195000	471125	9.055	8.789	0	13.07	13	6	66.791	6.663
195000	471150	9.074	8.789	0	13.08	13.01	6	66.802	6.663
195000	471175	9.092	8.789	0	13.08	13.01	6	66.813	6.663
195000	471200	9.11	8.789	0	13.08	13	6	66.824	6.663
195000	471225	9.128	8.788	0	13.09	13.01	6	66.835	6.663
195000	471250	9.149	8.789	0	13.09	13	6	66.847	6.663
195000	471275	9.172	8.788	0	13.1	13.01	6	66.861	6.663
195000	471300	9.199	8.788	0	13.11	13.01	6	66.877	6.663
195000	471325	9.232	8.789	0	13.11	13	6	66.897	6.663
195000	471350	9.273	8.788	0	13.12	13	6	66.921	6.663
195000	471375	9.327	8.789	0	13.14	13.01	6	66.952	6.663
195000	471400	9.391	8.788	0	13.15	13	6	6.699	6.663
195000	471425	9.47	8.789	0	13.17	13	6	67.036	6.663
195000	471450	9.571	8.789	0	13.2	13.01	6	67.095	6.663
195000	471475	9.716	8.789	0	13.23	13.01	6	67.179	6.663
195000	471500	9.93	8.788	0	13.28	13	6	67.303	6.663
195000	471525	10.238	8.788	0	13.35	13	6	67.485	6.663
195000	471550	10.752	8.788	0	13.48	13	6	67.794	6.663
195000	471575	-200	-200	0	-200	-200	-200	-200	-200
195000	471600	11.795	8.789	0	13.78	13	6	68.523	6.663
195000	471625	11.704	8.788	0	13.83	13.01	6	68.634	6.663

195025	470650	8.754	8.637	0	13.06	13.03	6	67.461	6.739
195025	470675	8.755	8.637	0	13.06	13.03	6	67.462	6.739
195025	470700	8.757	8.637	0	13.06	13.03	6	67.463	6.739
195025	470725	8.759	8.637	0	13.06	13.03	6	67.464	6.739
195025	470750	8.76	8.636	0	13.07	13.04	6	67.465	6.739
195025	470775	8.763	8.637	0	13.07	13.04	6	67.466	6.739
195025	470800	8.765	8.636	0	13.07	13.04	6	67.468	6.739
195025	470825	8.768	8.636	0	13.07	13.04	6	6.747	6.739
195025	470850	8.772	8.637	0	13.07	13.04	6	67.472	6.739
195025	470875	8.776	8.637	0	13.07	13.04	6	67.474	6.739
195025	470900	8.78	8.637	0	13.07	13.03	6	67.477	6.739
195025	470925	8.784	8.636	0	13.07	13.03	6	6.748	6.739
195025	470950	8.79	8.637	0	13.07	13.03	6	67.483	6.739
195025	470975	8.797	8.637	0	13.07	13.03	6	67.487	6.739
195025	471000	8.956	8.788	0	13.05	13.01	6	66.732	6.663
195025	471025	8.965	8.788	0	13.05	13.01	6	66.737	6.663
195025	471050	8.976	8.789	0	13.05	13	6	66.744	6.663
195025	471075	8.989	8.789	0	13.05	13	6	66.751	6.663
195025	471100	9.002	8.789	0	13.06	13.01	6	66.759	6.663
195025	471125	9.017	8.789	0	13.06	13	6	66.768	6.663
195025	471150	9.03	8.788	0	13.06	13	6	66.776	6.663
195025	471175	9.045	8.789	0	13.07	13.01	6	66.785	6.663
195025	471200	9.059	8.789	0	13.07	13	6	66.793	6.663
195025	471225	9.073	8.789	0	13.07	13	6	66.801	6.663
195025	471250	9.088	8.788	0	13.08	13.01	6	6.681	6.663
195025	471275	9.105	8.788	0	13.08	13	6	6.682	6.663
195025	471300	9.125	8.788	0	13.09	13.01	6	66.832	6.663
195025	471325	9.148	8.788	0	13.09	13	6	66.846	6.663
195025	471350	9.176	8.789	0	13.1	13	6	66.862	6.663
195025	471375	9.209	8.788	0	13.11	13.01	6	66.881	6.663
195025	471400	9.248	8.788	0	13.12	13.01	6	66.904	6.663
195025	471425	9.295	8.789	0	13.13	13.01	6	66.931	6.663
195025	471450	9.352	8.789	0	13.14	13	6	66.964	6.663
195025	471475	9.425	8.789	0	13.16	13.01	6	67.007	6.663
195025	471500	9.52	8.788	0	13.18	13	6	67.063	6.663
195025	471525	9.646	8.788	0	13.21	13	6	67.137	6.663
195025	471550	9.829	8.788	0	13.26	13.01	6	67.247	6.663
195025	471575	10.153	8.789	0	13.34	13.01	6	67.444	6.663
195025	471600	11.111	8.789	0	13.58	13.01	6	68.032	6.663
195025	471625	11.539	8.788	0	13.77	13	6	68.504	6.663
195050	470650	8.748	8.637	0	13.06	13.03	6	67.458	6.739
195050	470675	8.749	8.637	0	13.06	13.03	6	67.458	6.739
195050	470700	8.75	8.636	0	13.06	13.03	6	67.459	6.739
195050	470725	8.752	8.637	0	13.06	13.03	6	6.746	6.739
195050	470750	8.754	8.637	0	13.06	13.03	6	67.461	6.739
195050	470775	8.756	8.637	0	13.06	13.03	6	67.463	6.739
195050	470800	8.759	8.637	0	13.06	13.03	6	67.464	6.739
195050	470825	8.761	8.636	0	13.07	13.04	6	67.466	6.739
195050	470850	8.764	8.636	0	13.07	13.04	6	67.467	6.739
195050	470875	8.768	8.637	0	13.07	13.04	6	6.747	6.739
195050	470900	8.772	8.637	0	13.07	13.04	6	67.472	6.739
195050	470925	8.776	8.637	0	13.07	13.04	6	67.475	6.739
195050	470950	8.781	8.637	0	13.07	13.03	6	67.478	6.739

195050	470975	8.787	8.637	0	13.07	13.03	6	67.481	6.739
195050	471000	8.945	8.788	0	13.04		13	66.725	6.663
195050	471025	8.953	8.788	0	13.05	13.01	6	6.673	6.663
195050	471050	8.962	8.789	0	13.05	13.01	6	66.735	6.663
195050	471075	8.972	8.789	0	13.05		13	66.741	6.663
195050	471100	8.982	8.789	0	13.05		13	66.747	6.663
195050	471125	8.993	8.789	0	13.06	13.01	6	66.754	6.663
195050	471150	9.005	8.789	0	13.06	13.01	6	6.676	6.663
195050	471175	9.016	8.788	0	13.06		13	66.767	6.663
195050	471200	9.028	8.789	0	13.06		13	66.774	6.663
195050	471225	9.041	8.789	0	13.07	13.01	6	66.782	6.663
195050	471250	9.054	8.789	0	13.07		13	6.679	6.663
195050	471275	9.069	8.789	0	13.07		13	66.798	6.663
195050	471300	9.085	8.789	0	13.08	13.01	6	66.808	6.663
195050	471325	9.103	8.788	0	13.08		13	66.819	6.663
195050	471350	9.127	8.789	0	13.09	13.01	6	66.832	6.663
195050	471375	9.153	8.789	0	13.09		13	66.847	6.663
195050	471400	9.184	8.789	0	13.1		13	66.865	6.663
195050	471425	9.222	8.789	0	13.11		13	66.887	6.663
195050	471450	9.268	8.789	0	13.12		13	66.914	6.663
195050	471475	9.325	8.789	0	13.13		13	66.947	6.663
195050	471500 9.4		8.789	0	13.15		13	66.992	6.663
195050	471525	9.502	8.789	0	13.18	13.01	6	67.052	6.663
195050	471550	9.658	8.789	0	13.22	13.01	6	67.146	6.663
195050	471575	9.967	8.788	0	13.29		13	67.335	6.663
195050	471600	11.075	8.789	0	13.57		13	68.018	6.663
195050	471625 11.15		8.789	0	13.67	13.01	6	68.249	6.663
195075	470700	8.746	8.637	0	13.06	13.03	6	67.457	6.739
195075	470725	8.747	8.636	0	13.06	13.03	6	67.457	6.739
195075	470750	8.749	8.637	0	13.06	13.03	6	67.458	6.739
195075	470775	8.751	8.637	0	13.06	13.03	6	6.746	6.739
195075	470800	8.753	8.636	0	13.06	13.03	6	67.461	6.739
195075	470825	8.756	8.637	0	13.06	13.03	6	67.462	6.739
195075	470850	8.759	8.637	0	13.07	13.04	6	67.464	6.739
195075	470875	8.762	8.637	0	13.07	13.04	6	67.466	6.739
195075	470900	8.766	8.637	0	13.07	13.04	6	67.468	6.739
195075	470925 8.77		8.637	0	13.07	13.04	6	67.471	6.739
195075	470950	8.774	8.637	0	13.07	13.04	6	67.473	6.739
195075	470975	8.779	8.636	0	13.07	13.03	6	67.477	6.739
195075	471000	8.937	8.788	0	13.04		13	6.672	6.663
195075	471025	8.944	8.789	0	13.04		13	66.724	6.663
195075	471050	8.951	8.788	0	13.05	13.01	6	66.729	6.663
195075	471075 8.96		8.789	0	13.05	13.01	6	66.734	6.663
195075	471100	8.968	8.788	0	13.05	13.01	6	66.739	6.663
195075	471125	8.978	8.789	0	13.05		13	66.744	6.663
195075	471150	8.988	8.789	0	13.05		13	6.675	6.663
195075	471175	8.997	8.788	0	13.06	13.01	6	66.756	6.663
195075	471200	9.009	8.789	0	13.06	13.01	6	66.762	6.663
195075	471225 9.02		8.789	0	13.06		13	66.769	6.663
195075	471250	9.032	8.789	0	13.06		13	66.776	6.663
195075	471275	9.045	8.788	0	13.07	13.01	6	66.784	6.663
195075	471300 9.06		8.788	0	13.07		13	66.793	6.663
195075	471325	9.077	8.788	0	13.08	13.01	6	66.803	6.663

195075	471350	9.098	8.788	0	13.08		13	6	66.815	6.663
195075	471375	9.122	8.789	0	13.09	13.01		6	66.828	6.663
195075	471400	9.15	8.789	0	13.09		13	6	66.844	6.663
195075	471425	9.184	8.788	0	13.1		13	6	66.865	6.663
195075	471450	9.226	8.788	0	13.11		13	6	66.889	6.663
195075	471475	9.28	8.789	0	13.12		13	6	6.692	6.663
195075	471500	9.35	8.789	0	13.14		13	6	66.961	6.663
195075	471525	9.451	8.789	0	13.17	13.01		6	67.022	6.663
195075	471550	9.613	8.789	0	13.21	13.01		6	67.119	6.663
195075	471575	9.95	8.789	0	13.29	13.01		6	67.324	6.663
195075	471600	11.279	8.789	0	13.63	13.01		6	68.147	6.663
195100	470925	8.765	8.637	0	13.07	13.04		6	67.468	6.739
195100	470950	8.769	8.637	0	13.07	13.04		6	6.747	6.739
195100	470975	8.774	8.637	0	13.07	13.04		6	67.473	6.739
195100	471000	8.931	8.789	0	13.04		13	6	66.716	6.663
195100	471025	8.937	8.789	0	13.04		13	6	6.672	6.663
195100	471050	8.943	8.788	0	13.04		13	6	66.724	6.663
195100	471075	8.951	8.789	0	13.05	13.01		6	66.728	6.663
195100	471100	8.958	8.788	0	13.05	13.01		6	66.733	6.663
195100	471125	8.967	8.789	0	13.05	13.01		6	66.737	6.663
195100	471150	8.976	8.789	0	13.05		13	6	66.743	6.663
195100	471175	8.985	8.789	0	13.05		13	6	66.748	6.663
195100	471200	8.995	8.789	0	13.06	13.01		6	66.754	6.663
195100	471225	9.005	8.789	0	13.06	13.01		6	6.676	6.663
195100	471250	9.017	8.789	0	13.06		13	6	66.767	6.663
195100	471275	9.03	8.789	0	13.06		13	6	66.774	6.663
195100	471300	9.044	8.789	0	13.07	13.01		6	66.782	6.663
195100	471325	9.06	8.788	0	13.07		13	6	66.792	6.663
195100	471350	9.08	8.789	0	13.08	13.01		6	66.803	6.663
195100	471375	9.102	8.788	0	13.08		13	6	66.816	6.663
195100	471400	9.13	8.789	0	13.09	13.01		6	66.832	6.663
195100	471425	9.162	8.789	0	13.1	13.01		6	66.851	6.663
195100	471450	9.203	8.789	0	13.11	13.01		6	66.874	6.663
195100	471475	9.257	8.789	0	13.12	13.01		6	66.906	6.663
195100	471500	9.33	8.788	0	13.14	13.01		6	66.949	6.663
195100	471525	9.437	8.788	0	13.16		13	6	67.012	6.663
195100	471550	9.616	8.789	0	13.2		13	6	67.118	6.663
195100	471575	9.994	8.788	0	13.3	13.01		6	67.348	6.663
195100	471600	11.615	8.789	0	13.71		13	6	6.836	6.663
195125	471150	8.967	8.789	0	13.05	13.01		6	66.737	6.663
195125	471175	8.975	8.788	0	13.05		13	6	66.742	6.663
195125	471200	8.984	8.788	0	13.05		13	6	66.748	6.663
195125	471225	8.995	8.789	0	13.06	13.01		6	66.754	6.663
195125	471250	9.006	8.789	0	13.06	13.01		6	6.676	6.663
195125	471275	9.018	8.788	0	13.06		13	6	66.767	6.663
195125	471300	9.032	8.789	0	13.06		13	6	66.775	6.663
195125	471325	9.049	8.789	0	13.07	13.01		6	66.785	6.663
195125	471350	9.068	8.789	0	13.07		13	6	66.796	6.663
195125	471375	9.09	8.789	0	13.08	13.01		6	66.808	6.663
195125	471400	9.116	8.789	0	13.08		13	6	66.824	6.663
195125	471425	9.149	8.788	0	13.09		13	6	66.843	6.663
195125	471450	9.191	8.788	0	13.1		13	6	66.867	6.663
195125	471475	9.247	8.788	0	13.12	13.01		6	66.899	6.663

195125	471500	9.324	8.789	0	13.13	13	6	66.944	6.663
195125	471525	9.443	8.789	0	13.16	13	6	67.013	6.663
195125	471550	9.644	8.788	0	13.21	13	6	67.132	6.663
195125	471575	10.083	8.789	0	13.32	13.01	6	67.396	6.663
195125	471600	12.105	8.788	0	13.84	13	6	68.671	6.663
195150	471375	9.081	8.788	0	13.08	13.01	6	66.803	6.663
195150	471400	9.108	8.789	0	13.08	13	6	66.818	6.663
195150	471425	9.141	8.788	0	13.09	13.01	6	66.837	6.663
195150	471450	9.186	8.789	0	13.1	13	6	66.863	6.663
195150	471475	9.245	8.789	0	13.11	13	6	66.897	6.663
195150	471500	9.329	8.788	0	13.13	13	6	66.945	6.663
195150	471525	9.46	8.789	0	13.16	13	6	67.021	6.663
195150	471550	9.694	8.789	0	13.22	13	6	67.157	6.663
195150	471575	10.237	8.789	0	13.35	13	6	67.479	6.663
195150	471600	12.9	8.789	0	14.05	13.01	6	69.174	6.663
195175	471600	-200	-200	0	-200	-200	-200	-200	-200
#####	#####	8.799	7.792	0	13.09	12.85	6	66.764	6.617
#####	#####	8.828	7.792	0	13.1	12.85	6	66.781	6.617
#####	#####	8.84	7.792	0	13.1	12.85	6	66.788	6.617
#####	#####	8.762	7.792	0	13.08	12.84	6	6.675	6.617
#####	#####	8.745	7.792	0	13.08	12.85	6	6.674	6.617
#####	#####	8.771	8.637	0	13.07	13.04	6	67.471	6.739
#####	#####	8.481	7.792	0	13.02	12.84	6	66.597	6.617
#####	#####	8.319	7.793	0	12.98	12.85	6	66.497	6.617
#####	#####	8.256	7.792	0	12.96	12.84	6	66.459	6.617

VII

BIJLAGE: PUNTRESULTATEN REFERENTIESITUATIE MET FUITE

X	Y	CONC_NO	BGR_NO2	LIMH_NO2	CONC_PM	BGR_PM10	LIMD_PM10	CONC_PM	BGR_PM25
193500	469700	8.545	8.522	0	13.2	13.2	6	68.372	6.836
193500	469800	8.546	8.522	0	13.2	13.19	6	68.373	6.836
193500	469900	8.547	8.522	0	13.2	13.19	6	68.373	6.836
193500	470000	8.294	8.268	0	13.08	13.07	6	67.664	6.765
193500	470100	8.295	8.268	0	13.08	13.07	6	67.664	6.765
193500	470200	8.296	8.268	0	13.08	13.07	6	67.665	6.765
193500	470300	8.298	8.268	0	13.08	13.07	6	67.666	6.765
193600	469700	8.546	8.522	0	13.2	13.19	6	68.373	6.836
193600	469800	8.547	8.522	0	13.2	13.19	6	68.373	6.836
193600	469900	8.548	8.522	0	13.2	13.19	6	68.374	6.836
193600	470000	8.295	8.268	0	13.08	13.07	6	67.664	6.765
193600	470100	8.297	8.268	0	13.08	13.07	6	67.665	6.765
193600	470200	8.298	8.268	0	13.08	13.07	6	67.666	6.765
193600	470300	8.3	8.268	0	13.08	13.07	6	67.667	6.765
193600	470400	8.301	8.268	0	13.08	13.07	6	67.668	6.765
193600	470500	8.303	8.268	0	13.08	13.07	6	67.668	6.765
193600	470600	8.304	8.268	0	13.08	13.07	6	67.669	6.765
193600	470700	8.306	8.268	0	13.08	13.07	6	6.767	6.765
193600	470800	8.307	8.268	0	13.08	13.07	6	67.671	6.765
193600	470900	8.309	8.268	0	13.08	13.07	6	67.672	6.765
193600	471000	8.184	8.142	0	12.89	12.88	6	66.424	6.64
193700	469700	8.547	8.522	0	13.2	13.19	6	68.374	6.836
193700	469800	8.548	8.522	0	13.2	13.19	6	68.374	6.836
193700	469900	8.549	8.522	0	13.2	13.19	6	68.375	6.836
193700	470000	8.297	8.268	0	13.08	13.07	6	67.665	6.765
193700	470100	8.298	8.268	0	13.08	13.07	6	67.666	6.765
193700	470200	8.3	8.268	0	13.08	13.07	6	67.667	6.765
193700	470300	8.302	8.268	0	13.08	13.07	6	67.668	6.765
193700	470400	8.303	8.267	0	13.08	13.07	6	67.669	6.765
193700	470500	8.305	8.268	0	13.08	13.07	6	6.767	6.765
193700	470600	8.307	8.268	0	13.08	13.07	6	67.671	6.765
193700	470700	8.309	8.268	0	13.08	13.07	6	67.672	6.765
193700	470800	8.311	8.268	0	13.08	13.07	6	67.673	6.765
193700	470900	8.312	8.267	0	13.09	13.08	6	67.674	6.765
193700	471000	8.189	8.142	0	12.89	12.88	6	66.426	6.64
193700	471100	8.191	8.142	0	12.89	12.88	6	66.428	6.64
193700	471200	8.194	8.142	0	12.89	12.88	6	6.643	6.64
193700	471300	8.197	8.142	0	12.89	12.88	6	66.433	6.64
193700	471400	8.203	8.142	0	12.89	12.87	6	66.438	6.64
193700	471500	8.215	8.142	0	12.89	12.87	6	66.446	6.64
193700	471600	8.291	8.142	0	12.92	12.88	6	66.497	6.64
193700	471700	8.219	8.142	0	12.9	12.88	6	66.455	6.64
193800	469700	8.548	8.521	0	13.2	13.19	6	68.374	6.836
193800	469800	8.549	8.521	0	13.2	13.19	6	68.375	6.836
193800	469900	8.551	8.522	0	13.2	13.19	6	68.376	6.836
193800	470000	8.298	8.268	0	13.08	13.07	6	67.666	6.765
193800	470100	8.3	8.268	0	13.08	13.07	6	67.667	6.765
193800	470200	8.302	8.268	0	13.08	13.07	6	67.668	6.765
193800	470300	8.304	8.268	0	13.08	13.07	6	67.669	6.765
193800	470400	8.306	8.268	0	13.08	13.07	6	6.767	6.765
193800	470500	8.308	8.268	0	13.08	13.07	6	67.671	6.765
193800	470600	8.31	8.268	0	13.08	13.07	6	67.673	6.765

193800	470700	8.312	8.268	0	13.09	13.08	6	67.674	6.765
193800	470800	8.315	8.268	0	13.09	13.08	6	67.675	6.765
193800	470900	8.317	8.268	0	13.09	13.08	6	67.677	6.765
193800	471000	8.193	8.142	0	12.89	12.88	6	66.428	6.64
193800	471100	8.196	8.142	0	12.89	12.88	6	66.431	6.64
193800	471200	8.201	8.142	0	12.89	12.88	6	66.434	6.64
193800	471300	8.207	8.142	0	12.89	12.87	6	66.439	6.64
193800	471400	8.217	8.142	0	12.89	12.87	6	66.446	6.64
193800	471500	8.245	8.142	0	12.9	12.87	6	66.465	6.64
193800	471600	-200	-200	0	-200	-200	-200	-200	-200
193800	471700	8.246	8.142	0	12.91	12.88	6	66.474	6.64
193800	471800	8.207	8.142	0	12.89	12.87	6	66.445	6.64
193800	471900	8.195	8.142	0	12.89	12.88	6	66.436	6.64
193800	472000	7.022	6.974	0	12.41	12.4	6	63.451	6.342
193800	472100	7.018	6.975	0	12.41	12.4	6	63.448	6.342
193800	472200	7.015	6.975	0	12.41	12.4	6	63.446	6.342
193800	472300	7.012	6.974	0	12.41	12.4	6	63.444	6.342
193800	472400	7.01	6.975	0	12.4	12.39	6	63.443	6.342
193900	469700	8.55	8.522	0	13.2	13.19	6	68.375	6.836
193900	469800	8.551	8.522	0	13.2	13.19	6	68.376	6.836
193900	469900	8.552	8.521	0	13.2	13.19	6	68.377	6.836
193900	470000	8.3	8.268	0	13.08	13.07	6	67.667	6.765
193900	470100	8.302	8.268	0	13.08	13.07	6	67.668	6.765
193900	470200	8.304	8.268	0	13.08	13.07	6	67.669	6.765
193900	470300	8.307	8.268	0	13.08	13.07	6	67.671	6.765
193900	470400	8.31	8.268	0	13.08	13.07	6	67.673	6.765
193900	470500	8.312	8.268	0	13.09	13.08	6	67.674	6.765
193900	470600	8.314	8.268	0	13.09	13.08	6	67.675	6.765
193900	470700	8.316	8.267	0	13.09	13.08	6	67.676	6.765
193900	470800	8.319	8.268	0	13.09	13.08	6	67.677	6.765
193900	470900	8.322	8.268	0	13.09	13.08	6	67.679	6.765
193900	471000	8.199	8.142	0	12.89	12.88	6	66.431	6.64
193900	471100	8.203	8.142	0	12.89	12.88	6	66.434	6.64
193900	471200	8.209	8.142	0	12.89	12.87	6	66.439	6.64
193900	471300	8.218	8.142	0	12.89	12.87	6	66.445	6.64
193900	471400	8.235	8.142	0	12.9	12.88	6	66.458	6.64
193900	471500	8.286	8.142	0	12.91	12.87	6	66.491	6.64
193900	471600	8.492	8.142	0	12.98	12.88	6	66.665	6.64
193900	471700	8.249	8.142	0	12.91	12.88	6	66.475	6.64
193900	471800	8.216	8.142	0	12.9	12.88	6	66.451	6.64
193900	471900	8.203	8.142	0	12.89	12.87	6	66.441	6.64
193900	472000	7.028	6.974	0	12.41	12.4	6	63.455	6.342
193900	472100	7.023	6.974	0	12.41	12.4	6	63.452	6.342
193900	472200	7.019	6.974	0	12.41	12.4	6	63.449	6.342
193900	472300	7.016	6.975	0	12.41	12.4	6	63.446	6.342
193900	472400	7.013	6.974	0	12.41	12.4	6	63.445	6.342
193900	472500	7.011	6.975	0	12.41	12.4	6	63.443	6.342
193900	472600	7.009	6.975	0	12.4	12.39	6	63.442	6.342
193900	472700	7.007	6.975	0	12.4	12.39	6	63.44	6.342
193900	472800	7.005	6.974	0	12.4	12.39	6	63.439	6.342
194000	469600	9.681	9.653	0	13.5	13.49	6	69.886	6.987
194000	469700	9.682	9.652	0	13.5	13.49	6	69.886	6.987
194000	469800	9.683	9.652	0	13.5	13.49	6	69.887	6.987

194000	469900	9.685	9.653	0	13.5	13.49	6	69.888	6.987
194000	470000	8.18	8.146	0	12.88	12.87	6	66.309	6.629
194000	470100	8.182	8.146	0	12.88	12.87	6	6.631	6.629
194000	470200	8.185	8.146	0	12.88	12.87	6	66.311	6.629
194000	470300	8.188	8.145	0	12.88	12.87	6	66.313	6.629
194000	470400	8.194	8.145	0	12.89	12.88	6	66.317	6.629
194000	470500	8.196	8.146	0	12.89	12.88	6	66.318	6.629
194000	470600	8.197	8.146	0	12.89	12.88	6	66.318	6.629
194000	470700	8.2	8.146	0	12.89	12.88	6	66.319	6.629
194000	470800	8.202	8.146	0	12.89	12.88	6	6.632	6.629
194000	470900	8.205	8.146	0	12.89	12.88	6	66.322	6.629
194000	471000	7.855	7.792	0	12.86	12.85	6	66.204	6.617
194000	471100	7.86	7.792	0	12.86	12.84	6	66.208	6.617
194000	471200	7.868	7.792	0	12.86	12.84	6	66.214	6.617
194000	471300	7.882	7.792	0	12.87	12.85	6	66.223	6.617
194000	471400	7.91	7.792	0	12.88	12.85	6	66.242	6.617
194000	471500	8.018	7.792	0	12.9	12.84	6	66.313	6.617
194000	471600	8.021	7.792	0	12.91	12.84	6	66.333	6.617
194000	471700	7.904	7.792	0	12.88	12.85	6	66.248	6.617
194000	471800	7.875	7.792	0	12.87	12.85	6	66.226	6.617
194000	471900	7.861	7.793	0	12.86	12.84	6	66.216	6.617
194000	472000	8.392	8.332	0	12.66	12.64	6	6.495	6.491
194000	472100	8.386	8.332	0	12.66	12.65	6	64.945	6.491
194000	472200	8.381	8.332	0	12.66	12.65	6	64.942	6.491
194000	472300	8.377	8.332	0	12.66	12.65	6	64.939	6.491
194000	472400	8.374	8.332	0	12.66	12.65	6	64.937	6.491
194000	472500	8.371	8.332	0	12.66	12.65	6	64.935	6.491
194000	472600	8.369	8.332	0	12.66	12.65	6	64.933	6.491
194000	472700	8.366	8.332	0	12.65	12.64	6	64.932	6.491
194000	472800	8.364	8.332	0	12.65	12.64	6	64.931	6.491
194100	469600	9.683	9.653	0	13.5	13.49	6	69.887	6.987
194100	469700	9.684	9.652	0	13.5	13.49	6	69.888	6.987
194100	469800	9.686	9.653	0	13.5	13.49	6	69.889	6.987
194100	469900	9.687	9.652	0	13.5	13.49	6	69.889	6.987
194100	470000	8.183	8.146	0	12.88	12.87	6	6.631	6.629
194100	470100	8.185	8.146	0	12.88	12.87	6	66.311	6.629
194100	470200	8.188	8.146	0	12.88	12.87	6	66.313	6.629
194100	470300	8.192	8.146	0	12.89	12.88	6	66.315	6.629
194100	470400	8.206	8.146	0	12.89	12.88	6	66.323	6.629
194100	470500	8.226	8.146	0	12.9	12.88	6	66.341	6.629
194100	470600	8.206	8.146	0	12.89	12.88	6	66.324	6.629
194100	470700	8.206	8.146	0	12.89	12.88	6	66.323	6.629
194100	470800	8.209	8.146	0	12.89	12.88	6	66.324	6.629
194100	470900	8.212	8.146	0	12.89	12.88	6	66.326	6.629
194100	471000	7.863	7.792	0	12.86	12.84	6	66.208	6.617
194100	471100	7.869	7.792	0	12.86	12.84	6	66.212	6.617
194100	471200	7.878	7.792	0	12.87	12.85	6	66.219	6.617
194100	471300	7.897	7.792	0	12.87	12.85	6	66.231	6.617
194100	471400	7.944	7.793	0	12.88	12.84	6	66.261	6.617
194100	471500	8.313	7.792	0	12.98	12.85	6	66.493	6.617
194100	471600	8.007	7.792	0	12.91	12.85	6	66.322	6.617
194100	471700	7.914	7.792	0	12.88	12.85	6	66.254	6.617
194100	471800	7.885	7.792	0	12.87	12.84	6	66.233	6.617

194100	471900	7.869	7.792	0	12.87	12.85	6	66.222	6.617
194100	472000	8.399	8.332	0	12.66	12.64	6	64.954	6.491
194100	472100	8.392	8.332	0	12.66	12.64	6	64.949	6.491
194100	472200	8.386	8.332	0	12.66	12.65	6	64.945	6.491
194100	472300	8.382	8.332	0	12.66	12.65	6	64.942	6.491
194100	472400	8.378	8.332	0	12.66	12.65	6	64.94	6.491
194100	472500	8.374	8.331	0	12.66	12.65	6	64.937	6.491
194100	472600	8.372	8.332	0	12.66	12.65	6	64.935	6.491
194100	472700	8.369	8.332	0	12.66	12.65	6	64.934	6.491
194100	472800	8.367	8.332	0	12.65	12.64	6	64.932	6.491
194200	469600	9.685	9.652	0	13.5	13.49	6	69.888	6.987
194200	469700	9.687	9.652	0	13.5	13.49	6	69.889	6.987
194200	469800	9.689	9.653	0	13.5	13.49	6	69.889	6.987
194200	469900	9.69	9.652	0	13.5	13.49	6	69.891	6.987
194200	470000	8.186	8.146	0	12.88	12.87	6	66.312	6.629
194200	470100	8.188	8.146	0	12.89	12.88	6	66.313	6.629
194200	470200	8.191	8.146	0	12.89	12.88	6	66.315	6.629
194200	470300	8.196	8.146	0	12.89	12.88	6	66.317	6.629
194200	470400	8.206	8.146	0	12.89	12.88	6	66.323	6.629
194200	470500	8.296	8.146	0	12.91	12.87	6	66.378	6.629
194200	470600	8.22	8.146	0	12.89	12.87	6	66.334	6.629
194200	470700	8.214	8.146	0	12.89	12.87	6	66.328	6.629
194200	470800	8.216	8.146	0	12.89	12.87	6	66.328	6.629
194200	470900	8.22	8.146	0	12.89	12.87	6	66.33	6.629
194200	471000	7.872	7.792	0	12.86	12.84	6	66.212	6.617
194200	471100	7.878	7.792	0	12.86	12.84	6	66.217	6.617
194200	471200	7.889	7.792	0	12.87	12.85	6	66.224	6.617
194200	471300	7.912	7.792	0	12.87	12.84	6	66.239	6.617
194200	471400	7.977	7.792	0	12.89	12.85	6	66.28	6.617
194200	471500	8.925	7.793	0	13.13	12.84	6	66.868	6.617
194200	471600	8.033	7.793	0	12.92	12.85	6	66.341	6.617
194200	471700	7.932	7.792	0	12.89	12.85	6	66.267	6.617
194200	471800	7.898	7.792	0	12.87	12.84	6	66.242	6.617
194200	471900	7.88	7.793	0	12.87	12.85	6	66.228	6.617
194200	472000	8.407	8.332	0	12.67	12.65	6	64.96	6.491
194200	472100	8.399	8.332	0	12.66	12.64	6	64.954	6.491
194200	472200	8.392	8.332	0	12.66	12.64	6	64.949	6.491
194200	472300	8.387	8.332	0	12.66	12.65	6	64.945	6.491
194200	472400	8.382	8.332	0	12.66	12.65	6	64.942	6.491
194200	472500	8.378	8.332	0	12.66	12.65	6	64.94	6.491
194200	472600	8.375	8.332	0	12.66	12.65	6	64.938	6.491
194200	472700	8.372	8.332	0	12.66	12.65	6	64.936	6.491
194200	472800	8.369	8.332	0	12.66	12.65	6	64.934	6.491
194300	469600	9.688	9.652	0	13.5	13.49	6	69.889	6.987
194300	469700	9.691	9.653	0	13.5	13.49	6	69.892	6.987
194300	469800	9.693	9.653	0	13.5	13.49	6	69.893	6.987
194300	469900	9.694	9.652	0	13.51	13.5	6	69.894	6.987
194300	470000	8.19	8.146	0	12.89	12.88	6	66.315	6.629
194300	470100	8.192	8.146	0	12.89	12.88	6	66.316	6.629
194300	470200	8.196	8.146	0	12.89	12.88	6	66.318	6.629
194300	470300	8.2	8.146	0	12.89	12.88	6	66.32	6.629
194300	470400	8.207	8.146	0	12.89	12.88	6	66.324	6.629
194300	470500	8.227	8.146	0	12.89	12.87	6	66.336	6.629

194300	470600	8.259	8.146	0	12.9	12.87	6	66.363	6.629
194300	470700	8.225	8.146	0	12.89	12.87	6	66.335	6.629
194300	470800	8.226	8.146	0	12.89	12.87	6	66.334	6.629
194300	470900	8.231	8.146	0	12.89	12.87	6	66.335	6.629
194300	471000	7.883	7.792	0	12.86	12.84	6	66.218	6.617
194300	471100	7.89	7.792	0	12.87	12.85	6	66.222	6.617
194300	471200	7.902	7.793	0	12.87	12.85	6	66.223	6.617
194300	471300	7.926	7.792	0	12.88	12.85	6	66.246	6.617
194300	471400	7.996	7.792	0	12.89	12.84	6	66.289	6.617
194300	471500	8.597	7.792	0	13.04	12.84	6	66.652	6.617
194300	471600	8.129	7.792	0	12.94	12.84	6	66.411	6.617
194300	471700	7.962	7.792	0	12.89	12.84	6	66.288	6.617
194300	471800	7.916	7.792	0	12.88	12.85	6	66.253	6.617
194300	471900	7.892	7.792	0	12.87	12.84	6	66.236	6.617
194300	472000	8.418	8.332	0	12.67	12.65	6	64.966	6.491
194300	472100	8.407	8.332	0	12.67	12.65	6	64.959	6.491
194300	472200	8.399	8.332	0	12.66	12.64	6	64.954	6.491
194300	472300	8.393	8.332	0	12.66	12.64	6	64.949	6.491
194300	472400	8.387	8.332	0	12.66	12.65	6	64.946	6.491
194300	472500	8.382	8.331	0	12.66	12.65	6	64.943	6.491
194300	472600	8.379	8.332	0	12.66	12.65	6	64.944	6.491
194300	472700	8.375	8.332	0	12.66	12.65	6	64.938	6.491
194300	472800	8.372	8.332	0	12.66	12.65	6	64.936	6.491
194400	469600	9.692	9.652	0	13.5	13.49	6	69.893	6.987
194400	469700	9.696	9.653	0	13.51	13.5	6	69.895	6.987
194400	469800	9.698	9.652	0	13.51	13.5	6	69.896	6.987
194400	469900	9.7	9.652	0	13.51	13.5	6	69.898	6.987
194400	470000	8.196	8.146	0	12.89	12.88	6	66.318	6.629
194400	470100	8.198	8.146	0	12.89	12.88	6	66.319	6.629
194400	470200	8.201	8.146	0	12.89	12.88	6	66.321	6.629
194400	470300	8.205	8.146	0	12.89	12.88	6	66.323	6.629
194400	470400	8.21	8.146	0	12.89	12.88	6	66.326	6.629
194400	470500	8.22	8.146	0	12.89	12.87	6	66.332	6.629
194400	470600	8.274	8.146	0	12.91	12.88	6	66.365	6.629
194400	470700	8.244	8.146	0	12.9	12.88	6	66.348	6.629
194400	470800	8.243	8.146	0	12.9	12.88	6	66.344	6.629
194400	470900	8.246	8.146	0	12.9	12.88	6	66.345	6.629
194400	471000	7.898	7.792	0	12.87	12.85	6	66.226	6.617
194400	471100	7.905	7.792	0	12.87	12.85	6	66.229	6.617
194400	471200	7.916	7.792	0	12.87	12.84	6	66.237	6.617
194400	471300	7.939	7.792	0	12.88	12.85	6	66.252	6.617
194400	471400	7.999	7.792	0	12.89	12.84	6	66.289	6.617
194400	471500	8.292	7.792	0	12.97	12.85	6	66.466	6.617
194400	471600	8.28	7.792	0	12.99	12.85	6	66.516	6.617
194400	471700	7.999	7.792	0	12.9	12.84	6	66.313	6.617
194400	471800	7.937	7.792	0	12.89	12.85	6	66.268	6.617
194400	471900	7.908	7.792	0	12.88	12.85	6	66.246	6.617
194400	472000	8.43	8.332	0	12.67	12.64	6	64.974	6.491
194400	472100	8.417	8.332	0	12.67	12.65	6	64.965	6.491
194400	472200	8.408	8.332	0	12.67	12.65	6	64.959	6.491
194400	472300	8.399	8.331	0	12.66	12.64	6	64.953	6.491
194400	472400	8.393	8.332	0	12.66	12.64	6	64.949	6.491
194400	472500	8.387	8.331	0	12.66	12.65	6	64.946	6.491

194400	472600	8.383	8.332	0	12.66	12.65	6	64.943	6.491
194400	472700	8.379	8.332	0	12.66	12.65	6	6.494	6.491
194400	472800	8.375	8.331	0	12.66	12.65	6	64.938	6.491
194500	469600	9.697	9.652	0	13.51	13.5	6	69.895	6.987
194500	469700	9.702	9.652	0	13.51	13.5	6	69.898	6.987
194500	469800	9.706	9.652	0	13.51	13.5	6	69.901	6.987
194500	469900	9.709	9.652	0	13.51	13.5	6	69.903	6.987
194500	470000	8.205	8.146	0	12.89	12.88	6	66.324	6.629
194500	470100	8.207	8.146	0	12.89	12.88	6	66.325	6.629
194500	470200	8.209	8.146	0	12.89	12.88	6	66.326	6.629
194500	470300	8.212	8.146	0	12.89	12.87	6	66.327	6.629
194500	470400	8.216	8.146	0	12.89	12.87	6	66.329	6.629
194500	470500	8.223	8.146	0	12.89	12.87	6	66.333	6.629
194500	470600	8.239	8.146	0	12.9	12.88	6	66.342	6.629
194500	470700	8.361	8.146	0	12.93	12.87	6	66.432	6.629
194500	470800	8.5	8.146	0	12.97	12.88	6	66.521	6.629
194500	470900	8.293	8.146	0	12.91	12.88	6	66.377	6.629
194500	471000	7.924	7.793	0	12.87	12.84	6	66.241	6.617
194500	471100	7.926	7.792	0	12.87	12.84	6	6.624	6.617
194500	471200	7.935	7.792	0	12.88	12.85	6	66.245	6.617
194500	471300	7.955	7.792	0	12.88	12.84	6	66.258	6.617
194500	471400	8.002	7.792	0	12.89	12.84	6	66.288	6.617
194500	471500	8.174	7.792	0	12.94	12.85	6	66.393	6.617
194500	471600	8.663	7.792	0	13.1	12.85	6	66.786	6.617
194500	471700	8.047	7.792	0	12.92	12.85	6	66.344	6.617
194500	471800	7.963	7.792	0	12.89	12.84	6	66.283	6.617
194500	471900	7.927	7.792	0	12.88	12.84	6	66.258	6.617
194500	472000	8.444	8.331	0	12.68	12.65	6	64.983	6.491
194500	472100	8.429	8.332	0	12.67	12.64	6	64.972	6.491
194500	472200	8.417	8.332	0	12.67	12.65	6	64.965	6.491
194500	472300	8.407	8.331	0	12.67	12.65	6	64.959	6.491
194500	472400	8.4	8.332	0	12.66	12.64	6	64.954	6.491
194500	472500	8.393	8.332	0	12.66	12.64	6	6.495	6.491
194500	472600	8.388	8.332	0	12.66	12.65	6	64.946	6.491
194500	472700	8.383	8.332	0	12.66	12.65	6	64.943	6.491
194500	472800	8.379	8.332	0	12.66	12.65	6	6.494	6.491
194600	469600	9.703	9.652	0	13.51	13.5	6	69.899	6.987
194600	469700	9.71	9.652	0	13.51	13.5	6	69.903	6.987
194600	469800	9.718	9.652	0	13.51	13.49	6	69.908	6.987
194600	469900	9.724	9.652	0	13.51	13.49	6	69.913	6.987
194600	470000	8.22	8.146	0	12.89	12.87	6	66.334	6.629
194600	470100	8.221	8.146	0	12.89	12.87	6	66.334	6.629
194600	470200	8.223	8.146	0	12.89	12.87	6	66.335	6.629
194600	470300	8.223	8.146	0	12.89	12.87	6	66.335	6.629
194600	470400	8.225	8.146	0	12.89	12.87	6	66.335	6.629
194600	470500	8.23	8.146	0	12.89	12.87	6	66.337	6.629
194600	470600	8.238	8.146	0	12.9	12.88	6	66.341	6.629
194600	470700	8.254	8.146	0	12.9	12.88	6	66.349	6.629
194600	470800	8.277	8.146	0	12.9	12.87	6	66.361	6.629
194600	470900	8.327	8.146	0	12.92	12.88	6	6.639	6.629
194600	471000	8.074	7.793	0	12.92	12.85	6	66.347	6.617
194600	471100	7.971	7.792	0	12.88	12.84	6	66.266	6.617
194600	471200	7.965	7.792	0	12.88	12.84	6	66.259	6.617

194600	471300	7.978	7.793	0	12.88	12.84	6	66.267	6.617
194600	471400	8.014	7.792	0	12.89	12.84	6	66.291	6.617
194600	471500	8.127	7.792	0	12.92	12.84	6	66.361	6.617
194600	471600	-200	-200	0	-200	-200	-200	-200	-200
194600	471700	8.117	7.793	0	12.94	12.85	6	6.639	6.617
194600	471800	7.995	7.793	0	12.9	12.85	6	66.303	6.617
194600	471900	7.948	7.792	0	12.89	12.85	6	6.627	6.617
194600	472000	8.461	8.332	0	12.68	12.65	6	64.993	6.491
194600	472100	8.443	8.332	0	12.67	12.64	6	6.498	6.491
194600	472200	8.429	8.332	0	12.67	12.65	6	64.972	6.491
194600	472300	8.417	8.331	0	12.67	12.65	6	64.965	6.491
194600	472400	8.408	8.332	0	12.67	12.65	6	64.959	6.491
194600	472500	8.4	8.332	0	12.66	12.64	6	64.954	6.491
194600	472600	8.394	8.332	0	12.66	12.64	6	6.495	6.491
194600	472700	8.388	8.332	0	12.66	12.65	6	64.946	6.491
194700	469500	9.703	9.652	0	13.51	13.5	6	69.899	6.987
194700	469600	9.711	9.652	0	13.51	13.5	6	69.904	6.987
194700	469700	9.722	9.653	0	13.51	13.49	6	6.991	6.987
194700	469800	9.736	9.652	0	13.52	13.5	6	69.919	6.987
194700	469900	9.754	9.652	0	13.52	13.5	6	69.931	6.987
194700	470000	8.256	8.146	0	12.9	12.87	6	66.357	6.629
194700	470100	8.254	8.146	0	12.9	12.87	6	66.356	6.629
194700	470200	8.248	8.146	0	12.9	12.88	6	66.352	6.629
194700	470300	8.243	8.146	0	12.9	12.88	6	66.348	6.629
194700	470400	8.242	8.146	0	12.9	12.88	6	66.346	6.629
194700	470500	8.245	8.146	0	12.9	12.88	6	66.346	6.629
194700	470600	8.25	8.146	0	12.9	12.88	6	66.347	6.629
194700	470700	8.259	8.146	0	12.9	12.88	6	66.351	6.629
194700	470800	8.272	8.146	0	12.9	12.87	6	66.357	6.629
194700	470900	8.294	8.146	0	12.91	12.88	6	66.367	6.629
194700	471000	7.985	7.792	0	12.88	12.84	6	66.269	6.617
194700	471100	8.168	7.792	0	12.93	12.85	6	66.378	6.617
194700	471200	8.021	7.792	0	12.89	12.84	6	66.285	6.617
194700	471300	8.015	7.792	0	12.89	12.85	6	66.282	6.617
194700	471400	8.045	7.792	0	12.9	12.85	6	66.302	6.617
194700	471500	8.127	7.792	0	12.92	12.84	6	66.355	6.617
194700	471600	8.734	7.792	0	13.07	12.84	6	66.726	6.617
194700	471700	8.231	7.793	0	12.97	12.85	6	66.468	6.617
194700	471800	8.034	7.792	0	12.91	12.85	6	66.327	6.617
194700	471900	7.974	7.792	0	12.89	12.84	6	66.286	6.617
194700	472000	8.482	8.332	0	12.68	12.64	6	65.005	6.491
194700	472100	8.46	8.331	0	12.68	12.65	6	64.991	6.491
194700	472200	8.444	8.332	0	12.67	12.64	6	64.981	6.491
194700	472300	8.43	8.332	0	12.67	12.64	6	64.972	6.491
194700	472400	8.419	8.332	0	12.67	12.65	6	64.965	6.491
194700	472500	8.409	8.332	0	12.67	12.65	6	64.959	6.491
194700	472600	8.401	8.332	0	12.66	12.64	6	64.954	6.491
194700	472700	8.394	8.332	0	12.66	12.64	6	6.495	6.491
194800	469500	9.711	9.652	0	13.51	13.5	6	69.903	6.987
194800	469600	9.722	9.652	0	13.51	13.49	6	6.991	6.987
194800	469700	9.737	9.652	0	13.52	13.5	6	6.992	6.987
194800	469800	9.763	9.652	0	13.52	13.49	6	69.935	6.987
194800	469900	9.815	9.652	0	13.53	13.49	6	69.966	6.987

194800	470000	8.531	8.146	0	12.97	12.88	6	66.522	6.629
194800	470100	8.398	8.146	0	12.94	12.88	6	66.449	6.629
194800	470200	8.342	8.146	0	12.92	12.87	6	66.409	6.629
194800	470300	8.317	8.146	0	12.92	12.88	6	66.392	6.629
194800	470400	8.304	8.146	0	12.91	12.87	6	66.382	6.629
194800	470500	8.299	8.146	0	12.91	12.88	6	66.377	6.629
194800	470600	8.298	8.146	0	12.91	12.88	6	66.374	6.629
194800	470700	8.301	8.146	0	12.91	12.88	6	66.374	6.629
194800	470800	8.308	8.146	0	12.91	12.88	6	66.376	6.629
194800	470900	8.319	8.146	0	12.91	12.87	6	6.638	6.629
194800	471000	8.003	7.792	0	12.89	12.85	6	66.276	6.617
194800	471100	8.386	7.792	0	12.98	12.85	6	66.501	6.617
194800	471200 8.1		7.792	0	12.9	12.84	6	66.311	6.617
194800	471300	8.087	7.792	0	12.9	12.85	6	66.308	6.617
194800	471400 8.11		7.792	0	12.91	12.85	6	66.326	6.617
194800	471500	8.176	7.792	0	12.93	12.85	6	66.373	6.617
194800	471600	8.587	7.792	0	13.04	12.85	6	66.636	6.617
194800	471700	8.342	7.793	0	13	12.85	6	66.539	6.617
194800	471800 8.08		7.792	0	12.92	12.85	6	66.353	6.617
194800	471900	8.009	7.792	0	12.9	12.85	6	66.304	6.617
194800	472000 8.51		8.332	0	12.69	12.65	6	6.502	6.491
194800	472100	8.484	8.331	0	12.68	12.64	6	65.004	6.491
194800	472200	8.464	8.331	0	12.68	12.65	6	64.992	6.491
194800	472300	8.447	8.332	0	12.67	12.64	6	64.982	6.491
194800	472400	8.432	8.331	0	12.67	12.64	6	64.973	6.491
194800	472500 8.42		8.332	0	12.67	12.65	6	64.965	6.491
194800	472600 8.41		8.332	0	12.67	12.65	6	64.959	6.491
194800	472700	8.401	8.332	0	12.66	12.64	6	64.954	6.491
194900	469500	9.721	9.652	0	13.51	13.49	6	6.991	6.987
194900	469600	9.738	9.652	0	13.52	13.5	6	6.992	6.987
194900	469700 9.76		9.652	0	13.52	13.49	6	69.934	6.987
194900	469800	9.803	9.653	0	13.53	13.49	6	69.958	6.987
194900	469900	9.927	9.652	0	13.56	13.49	6	70.031	6.987
194900	470000	11.361	8.146	0	13.71	12.88	6	68.323	6.629
194900	470100	8.464	8.146	0	12.96	12.88	6	66.492	6.629
194900	470200	8.372	8.146	0	12.93	12.88	6	66.425	6.629
194900	470300	8.355	8.146	0	12.92	12.87	6	66.409	6.629
194900	470400	8.359	8.146	0	12.92	12.87	6	66.407	6.629
194900	470500	8.375	8.146	0	12.92	12.87	6	66.412	6.629
194900	470600	8.398	8.146	0	12.93	12.88	6	66.422	6.629
194900	470700	8.431	8.146	0	12.93	12.87	6	66.437	6.629
194900	470800	8.479	8.146	0	12.94	12.87	6	6.646	6.629
194900	470900	8.632	8.146	0	12.98	12.87	6	66.555	6.629
194900	471000	-200	-200	0	-200	-200	-200	-200	-200
194900	471100	8.747	7.792	0	13.07	12.84	6	66.737	6.617
194900	471200 8.4		7.792	0	12.96	12.85	6	66.457	6.617
194900	471300	8.342	7.793	0	12.94	12.84	6	66.414	6.617
194900	471400 8.31		7.792	0	12.94	12.85	6	66.408	6.617
194900	471500	8.329	7.792	0	12.95	12.84	6	66.441	6.617
194900	471600	8.818	7.792	0	13.09	12.85	6	66.764	6.617
194900	471700	8.385	7.792	0	13	12.84	6	66.551	6.617
194900	471800	8.136	7.792	0	12.93	12.84	6	66.381	6.617
194900	471900	8.057	7.792	0	12.91	12.85	6	6.633	6.617

194900	472000	8.552	8.332	0	12.7	12.65	6	65.043	6.491
194900	472100	8.52	8.332	0	12.69	12.64	6	65.024	6.491
194900	472200	8.494	8.332	0	12.69	12.65	6	65.009	6.491
194900	472300	8.472	8.332	0	12.68	12.65	6	64.996	6.491
194900	472400	8.452	8.332	0	12.68	12.65	6	64.985	6.491
194900	472500	8.435	8.332	0	12.67	12.64	6	64.975	6.491
194900	472600	8.421	8.331	0	12.67	12.65	6	64.966	6.491
194900	472700	8.41	8.332	0	12.67	12.65	6	64.959	6.491
195000	469500	9.743	9.656	0	13.37	13.35	6	68.778	6.873
195000	469600	9.773	9.656	0	13.37	13.34	6	68.799	6.873
195000	469700	9.807	9.656	0	13.38	13.34	6	68.821	6.873
195000	469800	9.866	9.655	0	13.4	13.35	6	68.855	6.873
195000	469900	10.123	9.655	0	13.46	13.35	6	69.002	6.873
195000	470000	9.637	8.637	0	13.3	13.03	6	68.042	6.739
195000	470100	8.906	8.637	0	13.11	13.04	6	67.566	6.739
195000	470200	8.806	8.636	0	13.08	13.04	6	67.497	6.739
195000	470300	8.775	8.637	0	13.07	13.04	6	67.473	6.739
195000	470400	8.765	8.636	0	13.06	13.03	6	67.464	6.739
195000	470500	8.765	8.637	0	13.06	13.03	6	67.461	6.739
195000	470600	8.77	8.637	0	13.06	13.03	6	67.461	6.739
195000	470700	8.78	8.637	0	13.06	13.03	6	67.464	6.739
195000	470800	8.795	8.636	0	13.07	13.04	6	67.47	6.739
195000	470900	8.822	8.637	0	13.07	13.03	6	67.481	6.739
195000	471000	9.022	8.788	0	13.05	13.01	6	66.674	6.663
195000	471100	9.128	8.789	0	13.06	13	6	66.678	6.663
195000	471200	9.368	8.789	0	13.09	13.01	6	66.848	6.663
195000	471300	9.612	8.789	0	13.11	13	6	66.917	6.663
195000	471400	9.717	8.789	0	13.15	13.01	6	66.995	6.663
195000	471500	10.11	8.788	0	13.25	13	6	67.247	6.663
195000	471600	-200	-200	0	-200	-200	-200	-200	-200
195000	471700	9.557	8.788	0	13.19	13.01	6	67.085	6.663
195000	471800	9.265	8.789	0	13.12	13.01	6	66.906	6.663
195000	471900	9.163	8.789	0	13.09	13	6	66.847	6.663
195000	472000	8.761	8.45	0	12.79	12.72	6	65.041	6.486
195000	472100	8.702	8.45	0	12.78	12.72	6	65.01	6.486
195000	472200	8.663	8.45	0	12.77	12.72	6	64.989	6.486
195000	472300	8.631	8.45	0	12.76	12.72	6	64.97	6.486
195000	472400	8.601	8.45	0	12.75	12.71	6	64.953	6.486
195000	472500	8.576	8.45	0	12.75	12.72	6	64.938	6.486
195000	472600	8.555	8.45	0	12.74	12.71	6	64.926	6.486
195000	472700	8.539	8.45	0	12.74	12.72	6	64.916	6.486
195100	469500	9.774	9.656	0	13.37	13.34	6	68.798	6.873
195100	469600	9.87	9.655	0	13.4	13.35	6	68.858	6.873
195100	469700	9.994	9.655	0	13.43	13.34	6	68.945	6.873
195100	469800	10.002	9.655	0	13.43	13.34	6	68.946	6.873
195100	469900	10.526	9.655	0	13.55	13.34	6	69.232	6.873
195100	470000	9.299	8.637	0	13.21	13.03	6	67.822	6.739
195100	470100	8.884	8.636	0	13.1	13.03	6	67.551	6.739
195100	470200	8.794	8.637	0	13.08	13.04	6	67.489	6.739
195100	470300	8.763	8.637	0	13.07	13.04	6	67.466	6.739
195100	470400	8.751	8.637	0	13.06	13.03	6	67.456	6.739
195100	470500	8.748	8.637	0	13.06	13.04	6	67.452	6.739
195100	470600	8.751	8.637	0	13.06	13.04	6	67.451	6.739

195100	470700	8.759	8.637	0	13.06	13.03	6	67.453	6.739
195100	470800	8.773	8.636	0	13.06	13.03	6	67.458	6.739
195100	470900	8.797	8.637	0	13.06	13.03	6	67.466	6.739
195100	471000	8.99	8.789	0	13.04	13.01	6	66.719	6.663
195100	471100	9.072	8.789	0	13.05	13.01	6	66.742	6.663
195100	471200	9.374	8.788	0	13.07	13.01	6	66.818	6.663
195100	471300	13.534	8.789	0	13.34	13	6	68.077	6.663
195100	471400	9.609	8.788	0	13.1	13.01	6	66.885	6.663
195100	471500	9.555	8.789	0	13.14	13.01	6	6.696	6.663
195100	471600	11.788	8.788	0	13.69	13.01	6	68.312	6.663
195100	471700	9.63	8.789	0	13.2	13	6	67.123	6.663
195100	471800	9.405	8.789	0	13.15	13.01	6	66.986	6.663
195100	471900	9.329	8.788	0	13.13	13	6	66.939	6.663
195100	472000	8.956	8.45	0	12.83	12.72	6	65.143	6.486
195100	472100	8.843	8.45	0	12.81	12.72	6	6.509	6.486
195100	472200	8.774	8.45	0	12.79	12.71	6	65.052	6.486
195100	472300	8.716	8.45	0	12.78	12.72	6	6.502	6.486
195100	472400	8.66	8.45	0	12.77	12.72	6	64.988	6.486
195100	472500	8.614	8.45	0	12.76	12.72	6	64.961	6.486
195100	472600	8.58	8.45	0	12.75	12.72	6	6.494	6.486
195100	472700	8.555	8.45	0	12.74	12.71	6	64.925	6.486
195200	469500	9.847	9.655	0	13.39	13.34	6	68.841	6.873
195200	469600	10.585	9.656	0	13.57	13.35	6	69.275	6.873
195200	469700	10.26	9.656	0	13.5	13.35	6	69.099	6.873
195200	469800	10.825	9.656	0	13.63	13.34	6	69.426	6.873
195200	469900	12.387	9.656	0	14.01	13.35	6	70.347	6.873
195200	470000	9.079	8.637	0	13.15	13.03	6	67.673	6.739
195200	470100	8.848	8.637	0	13.09	13.04	6	67.524	6.739
195200	470200	8.781	8.636	0	13.07	13.03	6	6.748	6.739
195200	470300	8.754	8.637	0	13.06	13.03	6	6.746	6.739
195200	470400	8.743	8.637	0	13.06	13.04	6	67.451	6.739
195200	470500	8.74	8.637	0	13.06	13.04	6	67.447	6.739
195200	470600	8.743	8.636	0	13.06	13.04	6	67.446	6.739
195200	470700	8.751	8.636	0	13.06	13.04	6	67.448	6.739
195200	470800	8.765	8.637	0	13.06	13.04	6	67.453	6.739
195200	470900	8.787	8.637	0	13.06	13.03	6	6.746	6.739
195200	471000	8.976	8.789	0	13.04	13.01	6	66.711	6.663
195200	471100	9.042	8.789	0	13.04	13	6	6.673	6.663
195200	471200	9.167	8.789	0	13.05	13	6	66.766	6.663
195200	471300	9.341	8.789	0	13.07	13.01	6	66.816	6.663
195200	471400	9.345	8.789	0	13.08	13	6	66.841	6.663
195200	471500	9.521	8.789	0	13.14	13	6	6.697	6.663
195200	471600	-200	-200	0	-200	-200	-200	-200	-200
195200	471700	11.952	8.788	0	13.75	13.01	6	68.457	6.663
195200	471800	-200	-200	0	-200	-200	-200	-200	-200
195200	471900	11.344	8.789	0	13.65	13.01	6	68.204	6.663
195200	472000	9.978	8.45	0	13.09	12.71	6	65.787	6.486
195200	472100	9.627	8.45	0	12.99	12.71	6	65.544	6.486
195200	472200	9.271	8.449	0	12.91	12.72	6	65.337	6.486
195200	472300	9.015	8.449	0	12.85	12.72	6	65.193	6.486
195200	472400	8.817	8.45	0	12.8	12.71	6	65.079	6.486
195200	472500	8.695	8.45	0	12.77	12.71	6	65.008	6.486
195200	472600	8.622	8.45	0	12.76	12.72	6	64.965	6.486

195300	469500	10.384	9.655	0	13.51	13.34	6	69.135	6.873
195300	469600	10.109	9.656	0	13.46	13.35	6	69.009	6.873
195300	469700	9.919	9.655	0	13.41	13.34	6	68.889	6.873
195300	469800	9.934	9.655	0	13.41	13.34	6	68.894	6.873
195300	469900	9.977	9.655	0	13.42	13.34	6	68.919	6.873
195300	470000	8.874	8.637	0	13.09	13.03	6	67.533	6.739
195300	470100	8.8	8.637	0	13.08	13.04	6	67.749	6.739
195300	470200	8.762	8.637	0	13.07	13.04	6	67.466	6.739
195300	470300	8.744	8.637	0	13.06	13.03	6	67.453	6.739
195300	470400	8.736	8.636	0	13.06	13.04	6	67.446	6.739
195300	470500	8.735	8.637	0	13.06	13.04	6	67.443	6.739
195300	470600	8.738	8.636	0	13.06	13.04	6	67.443	6.739
195300	470700	8.747	8.637	0	13.06	13.04	6	67.445	6.739
195300	470800	8.76	8.637	0	13.06	13.04	6	67.745	6.739
195300	470900	8.78	8.637	0	13.06	13.03	6	67.456	6.739
195300	471000	8.962	8.788	0	13.04	13.01	6	66.707	6.663
195300	471100	9.005	8.788	0	13.04	13	6	66.722	6.663
195300	471200	9.068	8.788	0	13.05	13.01	6	66.744	6.663
195300	471300	9.145	8.789	0	13.06	13	6	66.776	6.663
195300	471400	9.236	8.788	0	13.08	13	6	66.828	6.663
195300	471500	9.54	8.789	0	13.15	13	6	67	6.663
195300	471600	11.254	8.789	0	13.59	13	6	68.083	6.663
195300	471700	9.684	8.788	0	13.21	13	6	67.145	6.663
195300	471800	9.446	8.788	0	13.15	13	6	66.999	6.663
195300	471900	9.424	8.789	0	13.15	13.01	6	66.984	6.663
195300	472000	9.124	8.45	0	12.87	12.72	6	65.232	6.486
195300	472100	9.271	8.449	0	12.89	12.71	6	65.299	6.486
195300	472200	9.553	8.45	0	12.95	12.71	6	65.439	6.486
195300	472300	10.689	8.449	0	13.18	12.72	6	66.002	6.486
195300	472400	9.867	8.449	0	13.05	12.72	6	65.679	6.486
195300	472500	8.969	8.45	0	12.84	12.72	6	65.161	6.486
195300	472600	8.711	8.45	0	12.78	12.72	6	65.013	6.486
195400	469400	9.736	9.656	0	13.36	13.34	6	68.774	6.873
195400	469500	9.781	9.656	0	13.37	13.34	6	68.8	6.873
195400	469600	9.81	9.655	0	13.38	13.34	6	68.818	6.873
195400	469700	9.806	9.656	0	13.38	13.34	6	68.817	6.873
195400	469800	9.81	9.655	0	13.38	13.34	6	68.82	6.873
195400	469900	9.815	9.655	0	13.38	13.34	6	68.823	6.873
195400	470000	8.782	8.637	0	13.07	13.04	6	67.474	6.739
195400	470100	8.759	8.637	0	13.06	13.03	6	67.461	6.739
195400	470200	8.742	8.637	0	13.06	13.04	6	67.451	6.739
195400	470300	8.733	8.637	0	13.06	13.04	6	67.445	6.739
195400	470400	8.729	8.637	0	13.06	13.04	6	67.441	6.739
195400	470500	8.73	8.637	0	13.06	13.04	6	67.744	6.739
195400	470600	8.734	8.637	0	13.06	13.04	6	67.441	6.739
195400	470700	8.743	8.637	0	13.06	13.04	6	67.443	6.739
195400	470800	8.756	8.637	0	13.06	13.04	6	67.448	6.739
195400	470900	8.774	8.636	0	13.06	13.03	6	67.455	6.739
195400	471000	8.95	8.788	0	13.03	13	6	66.704	6.663
195400	471100	8.983	8.788	0	13.04	13.01	6	66.718	6.663
195400	471200	9.031	8.789	0	13.05	13.01	6	66.739	6.663
195400	471300	9.096	8.788	0	13.06	13	6	66.77	6.663
195400	471400	9.211	8.788	0	13.09	13.01	6	66.833	6.663

195400	471500	9.672	8.789	0	13.19	13.01	6	67.085	6.663
195400	471600	9.962	8.788	0	13.28	13.01	6	67.304	6.663
195400	471700	9.359	8.789	0	13.14	13.01	6	66.953	6.663
195400	471800	9.225	8.789	0	13.1		13	66.874	6.663
195400	471900	9.179	8.789	0	13.09		13	66.846	6.663
195400	472000	8.831	8.45	0	12.8	12.72	6	65.068	6.486
195400	472100	8.847	8.449	0	12.8	12.71	6	65.074	6.486
195400	472200	8.891	8.45	0	12.81	12.72	6	65.093	6.486
195400	472300	8.989	8.45	0	12.83	12.72	6	65.138	6.486
195400	472400	9.291	8.45	0	12.88	12.71	6	65.281	6.486
195400	472500	11.08	8.45	0	13.17	12.71	6	66.032	6.486
195400	472600	9.042	8.449	0	12.83	12.72	6	65.161	6.486
195500	469400	9.718	9.655	0	13.36	13.35	6	68.764	6.873
195500	469500	9.735	9.655	0	13.36	13.34	6	68.774	6.873
195500	469600	9.749	9.655	0	13.37	13.35	6	68.782	6.873
195500	469700	9.756	9.656	0	13.37	13.35	6	68.787	6.873
195500	469800	9.761	9.655	0	13.37	13.35	6	68.79	6.873
195500	469900	9.762	9.655	0	13.37	13.35	6	68.791	6.873
195500	470000	8.741	8.637	0	13.06	13.04	6	67.449	6.739
195500	470100	8.733	8.636	0	13.06	13.04	6	67.444	6.739
195500	470200	8.727	8.637	0	13.06	13.04	6	67.444	6.739
195500	470300	8.722	8.636	0	13.05	13.03	6	67.437	6.739
195500	470400	8.722	8.637	0	13.05	13.03	6	67.436	6.739
195500	470500	8.724	8.637	0	13.05	13.03	6	67.436	6.739
195500	470600	8.73	8.637	0	13.05	13.03	6	67.438	6.739
195500	470700	8.739	8.636	0	13.06	13.04	6	67.441	6.739
195500	470800	8.752	8.636	0	13.06	13.04	6	67.446	6.739
195500	470900	8.769	8.636	0	13.06	13.03	6	67.454	6.739
195500	471000	8.944	8.789	0	13.03		13	66.704	6.663
195500	471100	8.976	8.789	0	13.04		13	66.719	6.663
195500	471200	9.02	8.789	0	13.05	13.01	6	66.674	6.663
195500	471300	9.089	8.788	0	13.06		13	66.777	6.663
195500	471400	9.237	8.788	0	13.1	13.01	6	66.858	6.663
195500	471500	10.225	8.789	0	13.32	13.01	6	67.395	6.663
195500	471600	9.509	8.788	0	13.18	13.01	6	67.052	6.663
195500	471700	9.21	8.789	0	13.1		13	66.869	6.663
195500	471800	9.12	8.788	0	13.08	13.01	6	66.815	6.663
195500	471900	9.082	8.789	0	13.07		13	66.792	6.663
195500	472000	8.728	8.45	0	12.78	12.72	6	65.011	6.486
195500	472100	8.726	8.45	0	12.78	12.72	6	65.009	6.486
195500	472200	8.737	8.45	0	12.78	12.72	6	65.012	6.486
195500	472300	8.761	8.45	0	12.78	12.72	6	65.021	6.486
195500	472400	8.807	8.45	0	12.79	12.72	6	65.04	6.486
195500	472500	8.894	8.449	0	12.8	12.72	6	65.067	6.486
195500	472600	9.02	8.45	0	12.81	12.72	6	65.103	6.486
195600	469400	9.707	9.655	0	13.36	13.35	6	68.758	6.873
195600	469500	9.716	9.655	0	13.36	13.35	6	68.763	6.873
195600	469600	9.724	9.655	0	13.36	13.34	6	68.768	6.873
195600	469700	9.731	9.655	0	13.36	13.34	6	68.772	6.873
195600	469800	9.736	9.656	0	13.36	13.34	6	68.775	6.873
195600	469900	9.737	9.655	0	13.36	13.34	6	68.776	6.873
195600	470000	8.719	8.637	0	13.05	13.03	6	67.436	6.739
195600	470100	8.717	8.636	0	13.05	13.03	6	67.434	6.739

195600	470200	8.715	8.636	0	13.05	13.03	6	67.433	6.739
195600	470300	8.715	8.637	0	13.05	13.03	6	67.432	6.739
195600	470400	8.716	8.637	0	13.05	13.03	6	67.432	6.739
195600	470500	8.719	8.636	0	13.05	13.03	6	67.433	6.739
195600	470600	8.726	8.637	0	13.05	13.03	6	67.435	6.739
195600	470700	8.735	8.636	0	13.05	13.03	6	67.439	6.739
195600	470800	8.749	8.637	0	13.06	13.04	6	67.445	6.739
195600	470900	8.767	8.637	0	13.06	13.03	6	67.454	6.739
195600	471000	8.943	8.789	0	13.04	13.01	6	66.706	6.663
195600	471100	8.977	8.789	0	13.04	13	6	66.722	6.663
195600	471200	9.028	8.789	0	13.05	13	6	66.749	6.663
195600	471300	9.118	8.788	0	13.07	13	6	66.799	6.663
195600	471400	9.379	8.788	0	13.13	13	6	66.942	6.663
195600	471500	10.563	8.789	0	13.44	13.01	6	67.692	6.663
195600	471600	9.289	8.789	0	13.12	13	6	66.921	6.663
195600	471700	9.122	8.789	0	13.08	13	6	66.819	6.663
195600	471800	9.057	8.788	0	13.07	13.01	6	66.781	6.663
195600	471900	9.025	8.789	0	13.06	13.01	6	66.761	6.663
195600	472000	8.671	8.45	0	12.76	12.71	6	64.981	6.486
195600	472100	8.663	8.449	0	12.76	12.71	6	64.975	6.486
195600	472200	8.663	8.45	0	12.76	12.71	6	64.973	6.486
195600	472300	8.666	8.449	0	12.76	12.71	6	64.973	6.486
195600	472400	8.675	8.45	0	12.76	12.71	6	64.975	6.486
195600	472500	8.677	8.45	0	12.76	12.72	6	64.973	6.486
195600	472600	8.66	8.45	0	12.76	12.72	6	64.964	6.486
195700	469400	9.701	9.656	0	13.35	13.34	6	68.754	6.873
195700	469500	9.706	9.655	0	13.36	13.35	6	68.757	6.873
195700	469600	9.712	9.656	0	13.36	13.35	6	68.761	6.873
195700	469700	9.717	9.655	0	13.36	13.35	6	68.764	6.873
195700	469800	9.721	9.656	0	13.36	13.35	6	68.766	6.873
195700	469900	9.723	9.655	0	13.36	13.34	6	68.767	6.873
195700	470000	8.706	8.637	0	13.05	13.03	6	67.427	6.739
195700	470100	8.706	8.636	0	13.05	13.03	6	67.427	6.739
195700	470200	8.707	8.637	0	13.05	13.03	6	67.427	6.739
195700	470300	8.708	8.637	0	13.05	13.03	6	67.428	6.739
195700	470400	8.711	8.637	0	13.05	13.03	6	67.428	6.739
195700	470500	8.715	8.637	0	13.05	13.03	6	67.43	6.739
195700	470600	8.722	8.637	0	13.05	13.03	6	67.433	6.739
195700	470700	8.731	8.636	0	13.05	13.03	6	67.437	6.739
195700	470800	8.746	8.637	0	13.06	13.04	6	67.444	6.739
195700	470900	8.767	8.637	0	13.06	13.03	6	67.455	6.739
195700	471000	8.948	8.789	0	13.04	13.01	6	66.709	6.663
195700	471100	8.99	8.789	0	13.05	13.01	6	66.731	6.663
195700	471200	9.06	8.788	0	13.06	13	6	66.77	6.663
195700	471300	9.232	8.789	0	13.1	13	6	66.864	6.663
195700	471400	10.839	8.789	0	13.47	13.01	6	67.764	6.663
195700	471500	9.468	8.788	0	13.17	13.01	6	67.029	6.663
195700	471600	9.155	8.788	0	13.09	13	6	66.841	6.663
195700	471700	9.059	8.788	0	13.07	13.01	6	66.783	6.663
195700	471800	9.014	8.789	0	13.06	13.01	6	66.756	6.663
195700	471900	8.986	8.788	0	13.05	13.01	6	66.74	6.663
195700	472000	8.633	8.449	0	12.76	12.72	6	64.961	6.486
195700	472100	8.624	8.45	0	12.75	12.71	6	64.954	6.486

195700	472200	8.618	8.449	0	12.75	12.71	6	6.495	6.486
195700	472300	8.616	8.45	0	12.75	12.71	6	64.948	6.486
195700	472400	8.613	8.45	0	12.75	12.72	6	64.945	6.486
195700	472500	8.607	8.45	0	12.75	12.72	6	64.941	6.486
195700	472600	8.593	8.45	0	12.74	12.71	6	64.934	6.486
195800	469400	9.696	9.656	0	13.35	13.34	6	68.751	6.873
195800	469500	9.7	9.656	0	13.35	13.34	6	68.754	6.873
195800	469600	9.704	9.655	0	13.36	13.35	6	68.756	6.873
195800	469700	9.708	9.655	0	13.36	13.35	6	68.759	6.873
195800	469800	9.711	9.655	0	13.36	13.35	6	6.876	6.873
195800	469900	9.714	9.656	0	13.36	13.35	6	68.761	6.873
195800	470000	8.697	8.636	0	13.05	13.04	6	67.422	6.739
195800	470100	8.699	8.637	0	13.05	13.04	6	67.423	6.739
195800	470200	8.701	8.637	0	13.05	13.04	6	67.423	6.739
195800	470300	8.703	8.637	0	13.05	13.04	6	67.424	6.739
195800	470400	8.706	8.637	0	13.05	13.04	6	67.425	6.739
195800	470500	8.711	8.637	0	13.05	13.03	6	67.428	6.739
195800	470600	8.718	8.637	0	13.05	13.03	6	67.431	6.739
195800	470700	8.728	8.637	0	13.05	13.03	6	67.436	6.739
195800	470800	8.744	8.637	0	13.06	13.04	6	67.443	6.739
195800	470900	8.769	8.637	0	13.06	13.03	6	67.456	6.739
195800	471000	8.959	8.788	0	13.04	13.01	6	66.716	6.663
195800	471100	9.02	8.789	0	13.05	13	6	66.748	6.663
195800	471200	9.159	8.789	0	13.08	13	6	66.824	6.663
195800	471300	9.896	8.789	0	13.25	13.01	6	67.229	6.663
195800	471400	9.637	8.788	0	13.21	13.01	6	67.128	6.663
195800	471500	9.193	8.789	0	13.1	13.01	6	66.863	6.663
195800	471600	9.07	8.789	0	13.07	13	6	6.679	6.663
195800	471700	9.011	8.789	0	13.06	13.01	6	66.755	6.663
195800	471800	8.978	8.789	0	13.05	13.01	6	66.736	6.663
195800	471900	8.957	8.789	0	13.04	13	6	66.723	6.663
195800	472000	8.605	8.45	0	12.75	12.72	6	64.945	6.486
195800	472100	8.596	8.45	0	12.75	12.72	6	64.939	6.486
195800	472200	8.589	8.45	0	12.75	12.72	6	64.935	6.486
195800	472300	8.584	8.45	0	12.74	12.71	6	64.932	6.486
195800	472400	8.579	8.45	0	12.74	12.71	6	64.928	6.486
195800	472500	8.572	8.45	0	12.74	12.71	6	64.925	6.486
195800	472600	8.562	8.45	0	12.74	12.72	6	64.919	6.486
195900	469400	9.692	9.655	0	13.35	13.34	6	68.749	6.873
195900	469500	9.695	9.655	0	13.35	13.34	6	68.751	6.873
195900	469600	9.699	9.655	0	13.35	13.34	6	68.753	6.873
195900	469700	9.702	9.655	0	13.35	13.34	6	68.755	6.873
195900	469800	9.705	9.656	0	13.36	13.35	6	68.756	6.873
195900	469900	9.707	9.655	0	13.36	13.35	6	68.758	6.873
195900	470000	8.691	8.636	0	13.05	13.04	6	67.419	6.739
195900	470100	8.693	8.636	0	13.05	13.04	6	6.742	6.739
195900	470200	8.696	8.637	0	13.05	13.04	6	6.742	6.739
195900	470300	8.699	8.637	0	13.05	13.04	6	67.422	6.739
195900	470400	8.702	8.637	0	13.05	13.04	6	67.423	6.739
195900	470500	8.707	8.636	0	13.05	13.04	6	67.426	6.739
195900	470600	8.714	8.636	0	13.05	13.03	6	67.429	6.739
195900	470700	8.725	8.637	0	13.05	13.03	6	67.434	6.739
195900	470800	8.743	8.637	0	13.06	13.04	6	67.443	6.739

195900	470900	8.774	8.636	0	13.06	13.03	6	67.459	6.739	
195900	471000	8.982	8.788	0	13.04		13	6	66.728	6.663
195900	471100	9.095	8.789	0	13.07	13.01		6	66.788	6.663
195900	471200	9.579	8.789	0	13.17		13	6	67.044	6.663
195900	471300	9.843	8.789	0	13.25		13	6	67.236	6.663
195900	471400	9.22	8.789	0	13.11	13.01		6	66.878	6.663
195900	471500	9.077	8.788	0	13.07		13	6	66.794	6.663
195900	471600	9.012	8.789	0	13.06	13.01		6	66.756	6.663
195900	471700	8.975	8.789	0	13.05	13.01		6	66.734	6.663
195900	471800	8.95	8.788	0	13.04		13	6	6.672	6.663
195900	471900	8.934	8.789	0	13.04	13.01		6	6.671	6.663
195900	472000	8.584	8.45	0	12.74	12.71		6	64.933	6.486
195900	472100	8.575	8.45	0	12.74	12.71		6	64.928	6.486
195900	472200	8.569	8.45	0	12.74	12.71		6	64.925	6.486
195900	472300	8.563	8.45	0	12.74	12.72		6	64.921	6.486
195900	472400	8.557	8.45	0	12.74	12.72		6	64.918	6.486
195900	472500	8.551	8.45	0	12.74	12.72		6	64.914	6.486
196000	469900	9.284	9.237	0	13.17	13.16		6	67.665	6.764
196000	470000	8.886	8.836	0	13.15	13.14		6	67.736	6.771
196000	470100	8.888	8.836	0	13.15	13.14		6	67.737	6.771
196000	470200	8.89	8.835	0	13.15	13.14		6	67.738	6.771
196000	470300	8.893	8.835	0	13.15	13.14		6	67.739	6.771
196000	470400	8.897	8.835	0	13.15	13.14		6	67.741	6.771
196000	470500	8.902	8.835	0	13.15	13.14		6	67.744	6.771
196000	470600	8.91	8.836	0	13.15	13.13		6	67.747	6.771
196000	470700	8.921	8.836	0	13.15	13.13		6	67.753	6.771
196000	470800	8.939	8.835	0	13.16	13.14		6	67.762	6.771
196000	470900	8.978	8.836	0	13.16	13.13		6	67.781	6.771
196000	471000	8.499	8.256	0	12.95	12.9		6	66.612	6.649
196000	471100	8.84	8.256	0	13.03	12.91		6	66.792	6.649
196000	471200	9.666	8.256	0	13.23	12.9		6	6.729	6.649
196000	471300	8.705	8.256	0	13.01	12.91		6	66.743	6.649
196000	471400	8.546	8.256	0	12.97	12.9		6	66.653	6.649
196000	471500	8.476	8.255	0	12.95	12.9		6	66.613	6.649
196000	471600	8.437	8.256	0	12.95	12.91		6	66.591	6.649
196000	471700	8.412	8.256	0	12.94	12.91		6	66.577	66.491
196000	471800	8.395	8.256	0	12.94	12.91		6	66.567	6.649
196000	471900	8.383	8.256	0	12.93	12.9		6	6.656	6.649
196000	472000	7.952	7.835	0	12.81	12.78		6	66.014	6.595
196000	472100	7.944	7.834	0	12.81	12.79		6	6.601	6.595
196000	472200	7.938	7.834	0	12.81	12.79		6	66.006	6.595
196000	472300	7.932	7.834	0	12.81	12.79		6	66.003	6.595
196000	472400	7.927	7.834	0	12.81	12.79		6	6.6	6.595
196000	472500	7.922	7.834	0	12.8	12.78		6	65.997	6.595
196100	470600	8.906	8.835	0	13.15	13.14		6	67.745	6.771
196100	470700	8.917	8.835	0	13.15	13.13		6	67.751	6.771
196100	470800	8.936	8.835	0	13.16	13.14		6	6.776	6.771
196100	470900	8.979	8.836	0	13.16	13.13		6	67.781	6.771
196100	471000	8.603	8.256	0	12.97	12.9		6	66.661	6.649
196100	471100	10.274	8.256	0	13.37	12.91		6	67.629	6.649
196100	471200	8.716	8.256	0	13.01	12.91		6	66.745	6.649
196100	471300	8.537	8.255	0	12.97	12.91		6	66.645	6.649
196100	471400	8.469	8.256	0	12.95	12.9		6	66.608	6.649

196100	471500	8.431	8.256	0	12.94	12.9	6	66.586	6.649
196100	471600	8.406	8.256	0	12.94	12.91	6	66.572	6.649
196100	471700	8.388	8.256	0	12.93	12.9	6	66.563	6.649
196100	471800	8.376	8.256	0	12.93	12.9	6	66.556	6.649
196100	471900	8.367	8.256	0	12.93	12.91	6	6.655	6.649
196100	472000	7.937	7.834	0	12.81	12.79	6	66.006	6.595
196100	472100	7.931	7.834	0	12.81	12.79	6	66.003	6.595
196100	472200	7.926	7.835	0	12.81	12.79	6 6.6		6.595
196100	472300	7.921	7.834	0	12.8	12.78	6	65.997	6.595
196100	472400	7.916	7.834	0	12.8	12.78	6	65.994	6.595
196100	472500	7.911	7.834	0	12.8	12.78	6	65.992	6.595
196200	471300	8.451	8.256	0	12.95	12.91	6	66.595	6.649
196200	471400	8.418	8.256	0	12.94	12.9	6	66.578	6.649
196200	471500	8.397	8.256	0	12.94	12.91	6	66.567	6.649
196200	471600	8.382	8.256	0	12.93	12.9	6	66.558	6.649
196200	471700	8.37	8.256	0	12.93	12.9	6	66.552	6.649
196200	471800	8.36	8.256	0	12.93	12.91	6	66.547	6.649
196200	471900	8.353	8.256	0	12.93	12.91	6	66.543	6.649
196200	472000	7.925	7.834	0	12.8	12.78	6	65.999	6.595
196200	472100	7.92	7.834	0	12.8	12.78	6	65.997	6.595
196200	472200	7.916	7.835	0	12.8	12.78	6	65.994	6.595
196200	472300	7.911	7.834	0	12.8	12.78	6	65.992	6.595
196200	472400	7.907	7.834	0	12.8	12.78	6	6.599	6.595
196200	472500	7.903	7.834	0	12.8	12.78	6	65.987	6.595
196300	472000	7.915	7.834	0	12.8	12.78	6	65.994	6.595
196300	472100	7.911	7.834	0	12.8	12.78	6	65.991	6.595
196300	472200	7.907	7.834	0	12.8	12.78	6	65.989	6.595
196300	472300	7.904	7.834	0	12.8	12.78	6	65.988	6.595
196300	472400	7.9	7.834	0	12.8	12.79	6	65.986	6.595
196300	472500	7.897	7.834	0	12.8	12.79	6	65.984	6.595
194700	470675	8.256	8.146	0	12.9	12.88	6	6.635	6.629
194700	470700	8.259	8.146	0	12.9	12.88	6	66.351	6.629
194700	470725	8.262	8.146	0	12.9	12.88	6	66.352	6.629
194700	470750	8.265	8.146	0	12.9	12.87	6	66.354	6.629
194700	470775	8.268	8.146	0	12.9	12.87	6	66.355	6.629
194700	470800	8.272	8.146	0	12.9	12.87	6	66.357	6.629
194700	470825	8.277	8.146	0	12.9	12.87	6	66.359	6.629
194700	470850	8.282	8.146	0	12.9	12.87	6	66.361	6.629
194725	470675	8.262	8.146	0	12.9	12.88	6	66.353	6.629
194725	470700	8.264	8.146	0	12.9	12.87	6	66.354	6.629
194725	470725	8.267	8.146	0	12.9	12.87	6	66.355	6.629
194725	470750	8.269	8.146	0	12.9	12.87	6	66.356	6.629
194725	470775	8.273	8.146	0	12.9	12.87	6	66.357	6.629
194725	470800	8.276	8.146	0	12.9	12.87	6	66.359	6.629
194725	470825	8.28	8.146	0	12.9	12.87	6	66.361	6.629
194725	470850	8.285	8.146	0	12.9	12.87	6	66.363	6.629
194725	470875	8.29	8.146	0	12.91	12.88	6	66.365	6.629
194725	470900	8.296	8.146	0	12.91	12.88	6	66.368	6.629
194725	470925	8.304	8.146	0	12.91	12.88	6	66.371	6.629
194725	470950	8.313	8.146	0	12.91	12.88	6	66.375	6.629
194725	470975	8.324	8.146	0	12.91	12.87	6	6.638	6.629
194725	471000	7.984	7.792	0	12.88	12.84	6	66.267	6.617
194725	471025	8.002	7.792	0	12.89	12.85	6	66.276	6.617

194725	471050	8.026	7.792	0	12.89	12.84	6	66.289	6.617
194725	471075	8.067	7.792	0	12.9	12.84	6	66.313	6.617
194750	470675	8.269	8.146	0	12.9	12.87	6	66.357	6.629
194750	470700	8.271	8.145	0	12.9	12.87	6	66.358	6.629
194750	470725	8.274	8.146	0	12.9	12.87	6	66.359	6.629
194750	470750	8.276	8.146	0	12.9	12.87	6	6.636	6.629
194750	470775	8.279	8.146	0	12.9	12.87	6	66.361	6.629
194750	470800	8.282	8.146	0	12.9	12.87	6	66.362	6.629
194750	470825	8.286	8.146	0	12.9	12.87	6	66.364	6.629
194750	470850	8.29	8.146	0	12.91	12.88	6	66.365	6.629
194750	470875	8.295	8.146	0	12.91	12.88	6	66.367	6.629
194750	470900	8.301	8.146	0	12.91	12.88	6	6.637	6.629
194750	470925	8.307	8.146	0	12.91	12.88	6	66.373	6.629
194750	470950	8.316	8.146	0	12.91	12.88	6	66.377	6.629
194750	470975	8.327	8.146	0	12.91	12.87	6	66.382	6.629
194750	471000	7.987	7.792	0	12.88	12.84	6	66.268	6.617
194750	471025	8.005	7.792	0	12.89	12.85	6	66.277	6.617
194750	471050	8.031	7.792	0	12.89	12.84	6	66.291	6.617
194750	471075	8.078	7.793	0	12.9	12.84	6	66.317	6.617
194750	471100	8.232	7.793	0	12.94	12.84	6	6.641	6.617
194750	471125	8.249	7.792	0	12.95	12.84	6	66.444	6.617
194750	471150	8.104	7.792	0	12.91	12.84	6	66.337	6.617
194750	471175	8.068	7.792	0	12.9	12.85	6	66.308	6.617
194750	471200	8.055	7.792	0	12.9	12.85	6	66.297	6.617
194750	471225	8.049	7.792	0	12.89	12.84	6	66.292	6.617
194750	471250	8.045	7.792	0	12.89	12.84	6	6.629	6.617
194750	471275	8.043	7.792	0	12.89	12.84	6	66.291	6.617
194750	471300	8.045	7.793	0	12.89	12.84	6	66.292	6.617
194750	471325	8.048	7.793	0	12.9	12.85	6	66.295	6.617
194775	470675	8.281	8.146	0	12.9	12.87	6	66.363	6.629
194775	470700	8.282	8.145	0	12.9	12.87	6	66.364	6.629
194775	470725	8.285	8.146	0	12.91	12.88	6	66.364	6.629
194775	470750	8.287	8.146	0	12.91	12.88	6	66.365	6.629
194775	470775	8.289	8.146	0	12.91	12.88	6	66.366	6.629
194775	470800	8.292	8.146	0	12.91	12.88	6	66.367	6.629
194775	470825	8.295	8.146	0	12.91	12.88	6	66.368	6.629
194775	470850	8.298	8.146	0	12.91	12.88	6	6.637	6.629
194775	470875	8.302	8.146	0	12.91	12.88	6	66.372	6.629
194775	470900	8.308	8.146	0	12.91	12.88	6	66.374	6.629
194775	470925	8.314	8.146	0	12.91	12.88	6	66.376	6.629
194775	470950	8.322	8.146	0	12.91	12.87	6	6.638	6.629
194775	470975	8.333	8.146	0	12.91	12.87	6	66.384	6.629
194775	471000	7.994	7.793	0	12.89	12.85	6	66.271	6.617
194775	471025	8.013	7.792	0	12.89	12.85	6	6.628	6.617
194775	471050	8.041	7.792	0	12.9	12.85	6	66.295	6.617
194775	471075	8.094	7.792	0	12.91	12.85	6	66.325	6.617
194775	471100	8.295	7.792	0	12.96	12.85	6	66.447	6.617
194775	471125	8.228	7.792	0	12.95	12.85	6	66.424	6.617
194775	471150	8.115	7.792	0	12.91	12.84	6	66.338	6.617
194775	471175	8.086	7.792	0	12.9	12.84	6	66.314	6.617
194775	471200	8.075	7.792	0	12.9	12.85	6	66.303	6.617
194775	471225	8.069	7.792	0	12.9	12.85	6	66.298	6.617
194775	471250	8.066	7.793	0	12.9	12.85	6	66.297	6.617

194775	471275	8.063	7.792	0 12.9	12.85	6	66.297	6.617
194775	471300	8.063	7.792	0 12.9	12.85	6	66.299	6.617
194775	471325	8.066	7.792	0 12.9	12.85	6	66.302	6.617
194775	471350	8.07	7.792	0 12.9	12.85	6	66.306	6.617
194775	471375	8.078	7.792	0 12.9	12.84	6	66.311	6.617
194775	471400	8.088	7.792	0 12.9	12.84	6	66.318	6.617
194775	471425	8.1	7.792	0 12.91	12.85	6	66.326	6.617
194775	471450	8.114	7.792	0 12.91	12.84	6	66.336	6.617
194775	471475	8.133	7.792	0 12.92	12.85	6	66.349	6.617
194775	471500	8.158	7.792	0 12.92	12.84	6	66.366	6.617
194775	471525	8.196	7.793	0 12.94	12.85	6	66.391	6.617
194775	471550	8.255	7.793	0 12.95	12.84	6	66.429	6.617
194800	470675	8.3	8.146	0 12.91	12.88	6	66.374	6.629
194800	470700	8.301	8.146	0 12.91	12.88	6	66.374	6.629
194800	470725	8.302	8.146	0 12.91	12.88	6	66.374	6.629
194800	470750	8.304	8.146	0 12.91	12.88	6	66.375	6.629
194800	470775	8.306	8.146	0 12.91	12.88	6	66.375	6.629
194800	470800	8.308	8.146	0 12.91	12.88	6	66.376	6.629
194800	470825	8.309	8.146	0 12.91	12.88	6	66.377	6.629
194800	470850	8.311	8.146	0 12.91	12.88	6	66.377	6.629
194800	470875	8.315	8.146	0 12.91	12.87	6	66.379	6.629
194800	470900	8.319	8.146	0 12.91	12.87	6	6.638	6.629
194800	470925	8.324	8.145	0 12.91	12.87	6	66.382	6.629
194800	470950	8.332	8.146	0 12.91	12.87	6	66.385	6.629
194800	470975	8.343	8.146	0 12.92	12.88	6	6.639	6.629
194800	471000	8.003	7.792	0 12.89	12.85	6	66.276	6.617
194800	471025	8.024	7.793	0 12.89	12.84	6	66.286	6.617
194800	471050	8.055	7.792	0 12.9	12.85	6	66.302	6.617
194800	471075	8.116	7.792	0 12.91	12.84	6	66.336	6.617
194800	471100	8.386	7.792	0 12.98	12.85	6	66.501	6.617
194800	471125	8.218	7.792	0 12.94	12.84	6	66.412	6.617
194800	471150	8.129	7.792	0 12.91	12.84	6	66.342	6.617
194800	471175	8.108	7.793	0 12.91	12.85	6	66.321	6.617
194800	471200	8.1	7.792	0 12.9	12.84	6	66.311	6.617
194800	471225	8.096	7.792	0 12.9	12.85	6	66.307	6.617
194800	471250	8.092	7.792	0 12.9	12.85	6	66.305	6.617
194800	471275	8.088	7.792	0 12.9	12.85	6	66.306	6.617
194800	471300	8.087	7.792	0 12.9	12.85	6	66.308	6.617
194800	471325	8.089	7.793	0 12.9	12.84	6	66.311	6.617
194800	471350	8.093	7.793	0 12.9	12.84	6	66.315	6.617
194800	471375	8.1	7.792	0 12.91	12.85	6	6.632	6.617
194800	471400	8.11	7.792	0 12.91	12.85	6	66.326	6.617
194800	471425	8.121	7.792	0 12.91	12.84	6	66.334	6.617
194800	471450	8.134	7.792	0 12.92	12.85	6	66.343	6.617
194800	471475	8.151	7.792	0 12.92	12.85	6	66.356	6.617
194800	471500	8.176	7.792	0 12.93	12.85	6	66.373	6.617
194800	471525	8.212	7.792	0 12.94	12.85	6	66.398	6.617
194800	471550	8.269	7.792	0 12.95	12.84	6	66.435	6.617
194800	471575	8.37	7.792	0 12.98	12.85	6	66.499	6.617
194800	471600	8.587	7.792	0 13.04	12.85	6	66.636	6.617
194800	471625	9.358	7.792	0 13.24	12.85	6	6.712	6.617
194800	471650	9.584	7.792	0 13.36	12.84	6	67.424	6.617
194825	470675	8.338	8.146	0 12.92	12.88	6	66.395	6.629

194825	470700	8.337	8.146	0	12.92	12.88	6	66.394	6.629
194825	470725	8.337	8.146	0	12.92	12.88	6	66.394	6.629
194825	470750	8.338	8.146	0	12.92	12.88	6	66.393	6.629
194825	470775	8.338	8.146	0	12.92	12.88	6	66.393	6.629
194825	470800	8.338	8.146	0	12.92	12.88	6	66.393	6.629
194825	470825	8.337	8.146	0	12.92	12.88	6	66.392	6.629
194825	470850	8.336	8.146	0	12.92	12.88	6	66.391	6.629
194825	470875	8.336	8.146	0	12.92	12.88	6	66.391	6.629
194825	470900	8.338	8.146	0	12.92	12.88	6	66.392	6.629
194825	470925	8.342	8.146	0	12.92	12.88	6	66.393	6.629
194825	470950	8.349	8.146	0	12.92	12.88	6	66.395	6.629
194825	470975	8.358	8.146	0	12.92	12.88	6	66.399	6.629
194825	471000	8.019	7.793	0	12.89	12.84	6	66.285	6.617
194825	471025	8.039	7.792	0	12.89	12.84	6	66.294	6.617
194825	471050	8.074	7.793	0	12.9	12.84	6	66.312	6.617
194825	471075	8.145	7.792	0	12.92	12.85	6	66.352	6.617
194825	471100	8.521	7.793	0	13.01	12.85	6	66.584	6.617
194825	471125	8.22	7.792	0	12.94	12.85	6	66.407	6.617
194825	471150	8.151	7.792	0	12.92	12.85	6	6.635	6.617
194825	471175	8.135	7.792	0	12.91	12.85	6	66.331	6.617
194825	471200	8.132	7.792	0	12.91	12.85	6	66.323	6.617
194825	471225	8.131	7.792	0	12.9	12.84	6	66.319	6.617
194825	471250	8.127	7.792	0	12.9	12.84	6	66.317	6.617
194825	471275	8.121	7.792	0	12.9	12.84	6	66.317	6.617
194825	471300	8.118	7.792	0	12.9	12.84	6	66.319	6.617
194825	471325	8.117	7.792	0	12.91	12.85	6	66.321	6.617
194825	471350	8.121	7.792	0	12.91	12.85	6	66.325	6.617
194825	471375	8.128	7.792	0	12.91	12.85	6	6.633	6.617
194825	471400	8.138	7.793	0	12.91	12.84	6	66.336	6.617
194825	471425	8.148	7.793	0	12.92	12.85	6	66.344	6.617
194825	471450	8.16	7.792	0	12.92	12.85	6	66.353	6.617
194825	471475	8.176	7.792	0	12.92	12.84	6	66.366	6.617
194825	471500	8.2	7.792	0	12.93	12.84	6	66.383	6.617
194825	471525	8.235	7.792	0	12.94	12.84	6	66.407	6.617
194825	471550	8.291	7.792	0	12.96	12.85	6	66.445	6.617
194825	471575	8.391	7.792	0	12.98	12.84	6	6.651	6.617
194825	471600	8.62	7.792	0	13.04	12.84	6	66.655	6.617
194825	471625	9.526	7.792	0	13.28	12.85	6	67.226	6.617
194825	471650	9.424	7.792	0	13.31	12.84	6	67.308	6.617
194850	470675	8.459	8.146	0	12.94	12.87	6	66.462	6.629
194850	470700	8.449	8.146	0	12.94	12.87	6	66.456	6.629
194850	470725	8.44	8.146	0	12.94	12.88	6	66.451	6.629
194850	470750	8.433	8.146	0	12.94	12.88	6	66.446	6.629
194850	470775	8.426	8.146	0	12.94	12.88	6	66.442	6.629
194850	470800	8.419	8.145	0	12.93	12.87	6	66.438	6.629
194850	470825	8.407	8.146	0	12.93	12.87	6	66.431	6.629
194850	470850	8.392	8.146	0	12.93	12.88	6	66.424	6.629
194850	470875	8.383	8.146	0	12.93	12.88	6	66.419	6.629
194850	470900	8.378	8.146	0	12.93	12.88	6	66.416	6.629
194850	470925	8.378	8.146	0	12.93	12.88	6	66.414	6.629
194850	470950	8.381	8.146	0	12.93	12.88	6	66.414	6.629
194850	470975	8.387	8.146	0	12.93	12.88	6	66.416	6.629
194850	471000	8.045	7.792	0	12.9	12.85	6	6.63	6.617

194850	471025	8.065	7.792	0	12.9	12.84	6	66.309	6.617
194850	471050	8.101	7.792	0	12.91	12.85	6	66.327	6.617
194850	471075	8.185	7.792	0	12.93	12.85	6	66.374	6.617
194850	471100	-200	-200	0	-200	-200	-200	-200	-200
194850	471125	8.238	7.792	0	12.94	12.84	6	66.413	6.617
194850	471150	8.185	7.792	0	12.92	12.84	6	66.365	6.617
194850	471175	8.176	7.792	0	12.92	12.85	6	66.349	6.617
194850	471200	8.177	7.792	0	12.91	12.84	6	66.341	6.617
194850	471225	8.179	7.792	0	12.91	12.84	6	66.337	6.617
194850	471250	8.176	7.792	0	12.91	12.85	6	66.335	6.617
194850	471275	8.167	7.792	0	12.91	12.85	6	66.334	6.617
194850	471300	8.161	7.793	0	12.91	12.84	6	66.335	6.617
194850	471325	8.157	7.792	0	12.91	12.84	6	66.337	6.617
194850	471350	8.16	7.792	0	12.91	12.84	6	66.341	6.617
194850	471375	8.167	7.793	0	12.92	12.85	6	66.345	6.617
194850	471400	8.174	7.792	0	12.92	12.85	6	66.351	6.617
194850	471425	8.183	7.792	0	12.92	12.84	6	66.358	6.617
194850	471450	8.194	7.792	0	12.92	12.84	6	66.367	6.617
194850	471475	8.21	7.793	0	12.93	12.85	6	6.638	6.617
194850	471500	8.232	7.792	0	12.94	12.85	6	66.396	6.617
194850	471525	8.264	7.792	0	12.95	12.85	6	6.642	6.617
194850	471550	8.319	7.792	0	12.96	12.84	6	66.458	6.617
194850	471575	8.423	7.792	0	12.99	12.85	6	66.526	6.617
194850	471600	8.669	7.792	0	13.06	12.85	6	66.682	6.617
194850	471625	9.76	7.792	0	13.34	12.85	6	67.374	6.617
194875	470650	8.706	8.146	0	12.99	12.88	6	66.581	6.629
194875	470675	8.751	8.146	0	13	12.88	6	66.604	6.629
194875	470700	8.802	8.145	0	13.01	12.88	6	6.663	6.629
194875	470725	8.863	8.146	0	13.02	12.87	6	66.662	6.629
194875	470750	8.933	8.146	0	13.04	12.88	6	66.699	6.629
194875	470775	9.007	8.146	0	13.05	12.87	6	66.739	6.629
194875	470800	-200	-200	0	-200	-200	-200	-200	-200
194875	470825	-200	-200	0	-200	-200	-200	-200	-200
194875	470850	8.688	8.146	0	12.99	12.87	6	6.659	6.629
194875	470875	8.569	8.146	0	12.97	12.87	6	66.532	6.629
194875	470900	8.518	8.146	0	12.96	12.87	6	66.502	6.629
194875	470925	8.489	8.146	0	12.95	12.87	6	66.483	6.629
194875	470950	8.472	8.146	0	12.95	12.88	6	66.471	6.629
194875	470975	8.463	8.146	0	12.95	12.88	6	66.463	6.629
194875	471000	8.11	7.792	0	12.91	12.84	6	6.634	6.617
194875	471025	8.121	7.792	0	12.92	12.85	6	66.343	6.617
194875	471050	8.153	7.792	0	12.92	12.85	6	66.358	6.617
194875	471075	8.252	7.792	0	12.94	12.84	6	66.412	6.617
194875	471100	8.637	7.792	0	13.05	12.84	6	66.687	6.617
194875	471125	8.292	7.793	0	12.95	12.84	6	6.644	6.617
194875	471150	8.25	7.792	0	12.94	12.85	6	6.64	6.617
194875	471175	8.244	7.792	0	12.93	12.85	6	66.384	6.617
194875	471200	8.249	7.792	0	12.93	12.85	6	66.375	6.617
194875	471225	8.254	7.793	0	12.92	12.84	6	66.369	6.617
194875	471250	8.251	7.792	0	12.92	12.84	6	66.365	6.617
194875	471275	8.239	7.792	0	12.92	12.84	6	66.363	6.617
194875	471300	8.226	7.792	0	12.92	12.84	6	66.362	6.617
194875	471325	8.218	7.792	0	12.92	12.84	6	66.363	6.617

194875	471350	8.219	7.793	0	12.92	12.84	6	66.365	6.617
194875	471375	8.223	7.792	0	12.92	12.84	6	66.368	6.617
194875	471400	8.227	7.792	0	12.93	12.85	6	66.372	6.617
194875	471425	8.231	7.792	0	12.93	12.85	6	66.378	6.617
194875	471450	8.24	7.792	0	12.93	12.84	6	66.386	6.617
194875	471475	8.253	7.792	0	12.94	12.85	6	66.398	6.617
194875	471500	8.272	7.792	0	12.94	12.84	6	66.414	6.617
194875	471525	8.303	7.792	0	12.95	12.84	6	66.438	6.617
194875	471550	8.358	7.792	0	12.97	12.85	6	66.477	6.617
194875	471575	8.466	7.793	0	13	12.85	6	66.548	6.617
194875	471600	8.733	7.792	0	13.07	12.85	6	66.718	6.617
194875	471625	10.073	7.792	0	13.42	12.84	6	67.572	6.617
194900	470650	8.413	8.146	0	12.93	12.88	6	66.429	6.629
194900	470675	8.422	8.146	0	12.93	12.87	6	66.433	6.629
194900	470700	8.431	8.146	0	12.93	12.87	6	66.437	6.629
194900	470725	8.441	8.146	0	12.94	12.88	6	66.442	6.629
194900	470750	8.452	8.146	0	12.94	12.88	6	66.447	6.629
194900	470775	8.463	8.145	0	12.94	12.88	6	66.453	6.629
194900	470800	8.479	8.146	0	12.94	12.87	6	66.46	6.629
194900	470825	8.505	8.146	0	12.95	12.88	6	66.474	6.629
194900	470850	8.544	8.146	0	12.96	12.88	6	66.496	6.629
194900	470875	8.578	8.146	0	12.97	12.88	6	66.522	6.629
194900	470900	8.632	8.146	0	12.98	12.87	6	66.555	6.629
194900	470925	8.712	8.146	0	13	12.87	6	66.602	6.629
194900	470950	8.829	8.146	0	13.03	12.88	6	66.667	6.629
194900	470975	-200	-200	0	-200	-200	-200	-200	-200
194900	471000	-200	-200	0	-200	-200	-200	-200	-200
194900	471025	8.44	7.792	0	13	12.85	6	66.654	6.617
194900	471050	8.378	7.792	0	12.98	12.85	6	66.496	6.617
194900	471075	8.434	7.792	0	12.99	12.85	6	66.521	6.617
194900	471100	8.747	7.792	0	13.07	12.84	6	66.737	6.617
194900	471125	8.5	7.793	0	13	12.84	6	66.559	6.617
194900	471150	8.438	7.793	0	12.98	12.84	6	66.509	6.617
194900	471175	8.41	7.792	0	12.97	12.85	6	66.479	6.617
194900	471200	8.4	7.792	0	12.96	12.85	6	66.457	6.617
194900	471225	8.398	7.792	0	12.95	12.84	6	66.441	6.617
194900	471250	8.39	7.792	0	12.95	12.85	6	66.429	6.617
194900	471275	8.368	7.793	0	12.94	12.84	6	66.419	6.617
194900	471300	8.342	7.793	0	12.94	12.84	6	66.414	6.617
194900	471325	8.324	7.792	0	12.94	12.84	6	66.41	6.617
194900	471350	8.318	7.792	0	12.94	12.85	6	66.409	6.617
194900	471375	8.315	7.792	0	12.94	12.85	6	66.408	6.617
194900	471400	8.31	7.792	0	12.94	12.85	6	66.408	6.617
194900	471425	8.308	7.793	0	12.94	12.84	6	66.411	6.617
194900	471450	8.309	7.792	0	12.94	12.84	6	66.416	6.617
194900	471475	8.315	7.792	0	12.95	12.85	6	66.426	6.617
194900	471500	8.329	7.792	0	12.95	12.84	6	66.441	6.617
194900	471525	8.357	7.792	0	12.96	12.84	6	66.464	6.617
194900	471550	8.411	7.792	0	12.98	12.85	6	66.503	6.617
194900	471575	8.523	7.792	0	13.01	12.84	6	66.577	6.617
194900	471600	8.818	7.792	0	13.09	12.85	6	66.764	6.617
194900	471625	10.502	7.792	0	13.53	12.84	6	67.844	6.617
194925	470650	8.343	8.146	0	12.92	12.88	6	66.393	6.629

194925	470675	8.348	8.146	0	12.92	12.88	6	66.395	6.629
194925	470700	8.353	8.146	0	12.92	12.88	6	66.397	6.629
194925	470725	8.358	8.146	0	12.92	12.88	6	66.399	6.629
194925	470750	8.364	8.146	0	12.92	12.88	6	66.402	6.629
194925	470775	8.371	8.146	0	12.92	12.87	6	66.405	6.629
194925	470800	8.379	8.146	0	12.92	12.87	6	66.409	6.629
194925	470825	8.389	8.146	0	12.92	12.87	6	66.414	6.629
194925	470850 8.4		8.146	0	12.93	12.88	6	6.642	6.629
194925	470875	8.412	8.146	0	12.93	12.88	6	66.427	6.629
194925	470900	8.427	8.146	0	12.93	12.87	6	66.436	6.629
194925	470925	8.446	8.146	0	12.94	12.88	6	66.446	6.629
194925	470950	8.469	8.145	0	12.94	12.87	6	66.458	6.629
194925	470975	8.498	8.146	0	12.95	12.88	6	66.472	6.629
194925	471000	8.183	7.792	0	12.93	12.85	6	66.371	6.617
194925	471025	8.231	7.792	0	12.94	12.85	6	66.396	6.617
194925	471050	8.303	7.792	0	12.95	12.84	6	66.433	6.617
194925	471075	8.439	7.792	0	12.98	12.85	6	66.505	6.617
194925	471100 8.81		7.792	0	13.06	12.84	6	66.704	6.617
194925	471125 9.13		7.792	0	13.13	12.84	6	66.883	6.617
194925	471150	9.519	7.792	0	13.23	12.85	6	67.104	6.617
194925	471175	-200	-200	0	-200	-200	-200	-200	-200
194925	471200	9.227	7.792	0	13.16	12.84	6	66.951	6.617
194925	471225	8.974	7.792	0	13.09	12.85	6	66.775	6.617
194925	471250	8.833	7.792	0	13.05	12.85	6	66.671	6.617
194925	471275	8.725	7.793	0	13.02	12.85	6	66.605	6.617
194925	471300	8.643	7.792	0	13	12.84	6	66.565	6.617
194925	471325	8.584	7.792	0	12.99	12.84	6	66.537	6.617
194925	471350	8.543	7.792	0	12.98	12.84	6	66.515	6.617
194925	471375	8.506	7.792	0	12.98	12.85	6	66.497	6.617
194925	471400	8.472	7.792	0	12.97	12.85	6	66.483	6.617
194925	471425	8.446	7.792	0	12.97	12.85	6	66.475	6.617
194925	471450	8.426	7.792	0	12.97	12.85	6	66.472	6.617
194925	471475	8.417	7.792	0	12.97	12.85	6	66.475	6.617
194925	471500	8.421	7.793	0	12.97	12.84	6	66.485	6.617
194925	471525	8.442	7.792	0	12.98	12.85	6	66.505	6.617
194925	471550	8.493	7.792	0	13	12.85	6	66.543	6.617
194925	471575	8.609	7.792	0	13.03	12.85	6	66.621	6.617
194925	471600	8.941	7.792	0	13.12	12.85	6	66.831	6.617
194925	471625	-200	-200	0	-200	-200	-200	-200	-200
194950	470650	8.312	8.145	0	12.91	12.88	6	66.377	6.629
194950	470675	8.316	8.146	0	12.91	12.88	6	66.378	6.629
194950	470700 8.32		8.146	0	12.91	12.87	6	6.638	6.629
194950	470725	8.324	8.146	0	12.91	12.87	6	66.381	6.629
194950	470750	8.328	8.146	0	12.91	12.87	6	66.383	6.629
194950	470775	8.334	8.146	0	12.91	12.87	6	66.386	6.629
194950	470800 8.34		8.146	0	12.91	12.87	6	66.388	6.629
194950	470825	8.346	8.146	0	12.92	12.88	6	66.391	6.629
194950	470850	8.354	8.146	0	12.92	12.88	6	66.395	6.629
194950	470875	8.363	8.146	0	12.92	12.88	6	66.399	6.629
194950	470900	8.373	8.146	0	12.92	12.87	6	66.404	6.629
194950	470925	8.385	8.146	0	12.92	12.87	6	6.641	6.629
194950	470950	8.399	8.146	0	12.93	12.88	6	66.416	6.629
194950	470975	8.417	8.146	0	12.93	12.88	6	66.424	6.629

194950	471000	8.086	7.792	0	12.9	12.84	6	66.314	6.617
194950	471025	8.115	7.792	0	12.91	12.85	6	66.327	6.617
194950	471050	8.155	7.792	0	12.92	12.85	6	66.346	6.617
194950	471075	8.216	7.793	0	12.93	12.85	6	66.374	6.617
194950	471100	8.303	7.792	0	12.94	12.84	6	66.416	6.617
194950	471125	8.391	7.792	0	12.96	12.85	6	66.457	6.617
194950	471150	8.474	7.792	0	12.97	12.84	6	66.494	6.617
194950	471175	8.569	7.792	0	12.99	12.85	6	66.534	6.617
194950	471200	8.686	7.792	0	13.01	12.85	6	66.582	6.617
194950	471225	8.837	7.793	0	13.03	12.84	6	66.639	6.617
194950	471250	9.023	7.792	0	13.06	12.84	6	66.713	6.617
194950	471275	9.226	7.792	0	13.1	12.84	6	66.815	6.617
194950	471300	9.519	7.792	0	13.17	12.84	6	66.983	6.617
194950	471325	-200	-200	0	-200	-200	-200	-200	-200
194950	471350	-200	-200	0	-200	-200	-200	-200	-200
194950	471375	9.355	7.792	0	13.15	12.84	6	66.937	6.617
194950	471400	9.026	7.792	0	13.08	12.84	6	66.766	6.617
194950	471425	8.836	7.792	0	13.05	12.85	6	66.674	6.617
194950	471450	8.72	7.792	0	13.03	12.85	6	66.621	6.617
194950	471475	8.651	7.792	0	13.01	12.84	6	66.592	6.617
194950	471500	8.614	7.792	0	13.01	12.85	6	66.658	6.617
194950	471525	8.606	7.792	0	13.01	12.84	6	66.585	6.617
194950	471550	8.64	7.792	0	13.03	12.85	6	66.616	6.617
194950	471575	8.75	7.792	0	13.06	12.85	6	66.693	6.617
194950	471600	9.124	7.793	0	13.16	12.85	6	66.932	6.617
194950	471625	-200	-200	0	-200	-200	-200	-200	-200
194975	470650	8.295	8.146	0	12.91	12.88	6	66.368	6.629
194975	470675	8.298	8.146	0	12.91	12.88	6	66.369	6.629
194975	470700	8.301	8.146	0	12.91	12.88	6	66.637	6.629
194975	470725	8.305	8.146	0	12.91	12.88	6	66.372	6.629
194975	470750	8.309	8.146	0	12.91	12.88	6	66.373	6.629
194975	470775	8.313	8.146	0	12.91	12.88	6	66.375	6.629
194975	470800	8.319	8.146	0	12.91	12.88	6	66.377	6.629
194975	470825	8.324	8.146	0	12.91	12.87	6	66.638	6.629
194975	470850	8.331	8.146	0	12.91	12.87	6	66.383	6.629
194975	470875	8.339	8.146	0	12.91	12.87	6	66.386	6.629
194975	470900	8.347	8.146	0	12.92	12.88	6	66.639	6.629
194975	470925	8.358	8.146	0	12.92	12.88	6	66.394	6.629
194975	470950	8.37	8.146	0	12.92	12.88	6	66.399	6.629
194975	470975	8.384	8.146	0	12.92	12.87	6	66.405	6.629
194975	471000	8.049	7.792	0	12.89	12.84	6	66.292	6.617
194975	471025	8.072	7.792	0	12.9	12.85	6	66.301	6.617
194975	471050	8.101	7.792	0	12.9	12.84	6	66.313	6.617
194975	471075	8.139	7.793	0	12.91	12.85	6	66.329	6.617
194975	471100	8.186	7.792	0	12.92	12.85	6	66.349	6.617
194975	471125	8.239	7.792	0	12.92	12.84	6	66.637	6.617
194975	471150	8.296	7.792	0	12.93	12.84	6	66.639	6.617
194975	471175	8.363	7.792	0	12.94	12.85	6	66.411	6.617
194975	471200	8.443	7.792	0	12.95	12.85	6	66.434	6.617
194975	471225	8.54	7.792	0	12.96	12.85	6	66.459	6.617
194975	471250	8.664	7.792	0	12.97	12.85	6	66.482	6.617
194975	471275	8.789	7.792	0	12.97	12.84	6	66.505	6.617
194975	471300	8.745	7.792	0	12.99	12.85	6	66.532	6.617

194975	471325	8.783	7.792	0	13	12.84	6	66.569	6.617
194975	471350	8.9	7.792	0	13.02	12.84	6	66.618	6.617
194975	471375	9.047	7.792	0	13.05	12.84	6	66.696	6.617
194975	471400	9.248	7.792	0	13.1	12.85	6	66.808	6.617
194975	471425	9.581	7.792	0	13.17	12.84	6	66.985	6.617
194975	471450	-200	-200	0	-200	-200	-200	-200	-200
194975	471475	-200	-200	0	-200	-200	-200	-200	-200
194975	471500	9.477	7.792	0	13.19	12.85	6	67.027	6.617
194975	471525	9.159	7.792	0	13.13	12.85	6	66.868	6.617
194975	471550	9.037	7.792	0	13.11	12.85	6	66.817	6.617
194975	471575	9.073	7.792	0	13.12	12.84	6	66.858	6.617
194975	471600	9.456	7.792	0	13.23	12.85	6	67.113	6.617
194975	471625	10.888	7.792	0	13.69	12.84	6	68.243	6.617
195000	470650	8.774	8.637	0	13.06	13.03	6	67.462	6.739
195000	470675	8.776	8.636	0	13.06	13.03	6	67.463	6.739
195000	470700	8.78	8.637	0	13.06	13.03	6	67.464	6.739
195000	470725	8.783	8.637	0	13.06	13.03	6	67.466	6.739
195000	470750	8.787	8.637	0	13.07	13.04	6	67.467	6.739
195000	470775	8.791	8.637	0	13.07	13.04	6	67.469	6.739
195000	470800	8.795	8.636	0	13.07	13.04	6	67.47	6.739
195000	470825	8.801	8.637	0	13.07	13.04	6	67.473	6.739
195000	470850	8.807	8.637	0	13.07	13.04	6	67.475	6.739
195000	470875	8.814	8.637	0	13.07	13.04	6	67.478	6.739
195000	470900	8.822	8.637	0	13.07	13.03	6	67.481	6.739
195000	470925	8.831	8.637	0	13.07	13.03	6	67.485	6.739
195000	470950	8.842	8.637	0	13.07	13.03	6	67.489	6.739
195000	470975	8.855	8.637	0	13.08	13.04	6	67.494	6.739
195000	471000	9.022	8.788	0	13.05	13.01	6	66.674	6.663
195000	471025	9.041	8.788	0	13.05	13	6	66.747	6.663
195000	471050	9.065	8.789	0	13.05	13	6	66.756	6.663
195000	471075	9.093	8.788	0	13.06	13.01	6	66.767	6.663
195000	471100	9.128	8.789	0	13.06	13	6	66.78	6.663
195000	471125	9.169	8.788	0	13.07	13.01	6	66.794	6.663
195000	471150	9.219	8.789	0	13.07	13	6	66.809	6.663
195000	471175	9.282	8.788	0	13.08	13.01	6	66.827	6.663
195000	471200	9.368	8.789	0	13.09	13.01	6	66.848	6.663
195000	471225	9.478	8.789	0	13.09	13	6	66.873	6.663
195000	471250	9.602	8.789	0	13.1	13	6	66.895	6.663
195000	471275	9.736	8.789	0	13.11	13.01	6	66.908	6.663
195000	471300	9.612	8.789	0	13.11	13	6	66.917	6.663
195000	471325	9.614	8.788	0	13.12	13.01	6	66.928	6.663
195000	471350	9.687	8.789	0	13.13	13.01	6	66.944	6.663
195000	471375	9.7	8.789	0	13.14	13.01	6	66.966	6.663
195000	471400	9.717	8.789	0	13.15	13.01	6	66.995	6.663
195000	471425	9.755	8.789	0	13.16	13	6	67.033	6.663
195000	471450	9.822	8.789	0	13.19	13.01	6	67.082	6.663
195000	471475	9.933	8.788	0	13.21	13	6	67.15	6.663
195000	471500	10.11	8.788	0	13.25	13	6	67.247	6.663
195000	471525	10.388	8.789	0	13.31	13	6	67.397	6.663
195000	471550	10.859	8.789	0	13.42	13.01	6	67.65	6.663
195000	471575	-200	-200	0	-200	-200	-200	-200	-200
195000	471600	-200	-200	0	-200	-200	-200	-200	-200
195000	471625	11.778	8.788	0	13.79	13	6	68.564	6.663

195025	470650	8.767	8.637	0	13.06	13.03	6	67.458	67.389
195025	470675	8.769	8.637	0	13.06	13.03	6	67.459	6.739
195025	470700	8.772	8.637	0	13.06	13.03	6	6.746	6.739
195025	470725	8.775	8.637	0	13.06	13.03	6	67.461	6.739
195025	470750	8.779	8.637	0	13.06	13.03	6	67.463	6.739
195025	470775	8.783	8.637	0	13.06	13.03	6	67.464	6.739
195025	470800	8.787	8.637	0	13.07	13.04	6	67.466	6.739
195025	470825	8.792	8.637	0	13.07	13.04	6	67.468	6.739
195025	470850	8.798	8.637	0	13.07	13.04	6	6.747	6.739
195025	470875	8.805	8.637	0	13.07	13.04	6	67.472	6.739
195025	470900	8.812	8.637	0	13.07	13.04	6	67.475	6.739
195025	470925	8.821	8.637	0	13.07	13.03	6	67.479	6.739
195025	470950	8.831	8.636	0	13.07	13.03	6	67.482	6.739
195025	470975	8.844	8.637	0	13.07	13.03	6	67.487	6.739
195025	471000	9.01	8.789	0	13.05	13.01	6	66.732	6.663
195025	471025	9.027	8.789	0	13.05	13.01	6	66.738	6.663
195025	471050	9.047	8.788	0	13.05	13	6	66.746	6.663
195025	471075	9.072	8.788	0	13.05	13	6	66.754	6.663
195025	471100	9.103	8.789	0	13.06	13.01	6	66.764	6.663
195025	471125	9.14	8.789	0	13.06	13	6	66.776	6.663
195025	471150	9.186	8.788	0	13.07	13.01	6	66.789	6.663
195025	471175	9.251	8.789	0	13.07	13	6	66.806	6.663
195025	471200	9.346	8.788	0	13.08	13.01	6	6.683	6.663
195025	471225	9.493	8.788	0	13.09	13.01	6	66.865	6.663
195025	471250	9.67	8.788	0	13.1	13.01	6	66.906	6.663
195025	471275	9.733	8.788	0	13.1	13	6	66.932	6.663
195025	471300	9.489	8.789	0	13.1	13	6	66.922	6.663
195025	471325	9.683	8.789	0	13.1	13	6	66.911	6.663
195025	471350	9.818	8.789	0	13.11	13.01	6	66.908	6.663
195025	471375	9.72	8.789	0	13.11	13	6	66.913	6.663
195025	471400	9.647	8.789	0	13.12	13.01	6	66.924	6.663
195025	471425	9.616	8.788	0	13.13	13.01	6	66.943	6.663
195025	471450	9.618	8.789	0	13.14	13.01	6	66.968	6.663
195025	471475	9.65	8.789	0	13.15	13	6	67.003	6.663
195025	471500	9.712	8.788	0	13.17	13	6	6.705	6.663
195025	471525	9.814	8.789	0	13.2	13.01	6	67.116	6.663
195025	471550	9.979	8.788	0	13.24	13	6	67.217	6.663
195025	471575	10.29	8.789	0	13.32	13.01	6	67.401	6.663
195025	471600	11.248	8.788	0	13.55	13.01	6	67.967	6.663
195025	471625	11.689	8.788	0	13.74	13.01	6	68.431	6.663
195050	470650	8.761	8.636	0	13.06	13.03	6	67.456	6.739
195050	470675	8.764	8.637	0	13.06	13.03	6	67.456	6.739
195050	470700	8.766	8.636	0	13.06	13.03	6	67.457	6.739
195050	470725	8.769	8.636	0	13.06	13.03	6	67.458	6.739
195050	470750	8.773	8.637	0	13.06	13.03	6	67.459	6.739
195050	470775	8.777	8.637	0	13.06	13.03	6	67.461	6.739
195050	470800	8.781	8.637	0	13.06	13.03	6	67.462	6.739
195050	470825	8.786	8.637	0	13.06	13.03	6	67.464	6.739
195050	470850	8.792	8.637	0	13.07	13.04	6	67.466	6.739
195050	470875	8.798	8.637	0	13.07	13.04	6	67.469	6.739
195050	470900	8.805	8.637	0	13.07	13.04	6	67.471	6.739
195050	470925	8.814	8.637	0	13.07	13.04	6	67.474	6.739
195050	470950	8.824	8.637	0	13.07	13.04	6	67.478	6.739

195050	470975	8.835	8.637	0	13.07	13.03	6	67.482	6.739
195050	471000	9.001	8.789	0	13.04		13	66.726	6.663
195050	471025	9.017	8.789	0	13.04		13	66.732	6.663
195050	471050	9.036	8.789	0	13.05	13.01	6	66.738	6.663
195050	471075	9.06	8.789	0	13.05	13.01	6	66.746	6.663
195050	471100	9.089	8.789	0	13.05		13	66.754	6.663
195050	471125	9.126	8.789	0	13.06	13.01	6	66.765	6.663
195050	471150	9.175	8.789	0	13.06		13	66.778	6.663
195050	471175	9.246	8.789	0	13.07	13.01	6	66.796	6.663
195050	471200	9.36	8.789	0	13.07		13	66.824	6.663
195050	471225	9.581	8.789	0	13.09	13.01	6	66.879	6.663
195050	471250	10.034	8.789	0	13.11		13	66.996	6.663
195050	471275	10.589	8.788	0	13.15	13.01	6	67.148	6.663
195050	471300	10.288	8.788	0	13.13	13.01	6	67.055	6.663
195050	471325	10.26	8.789	0	13.11	13.01	6	66.946	6.663
195050	471350	10.075	8.788	0	13.1		13	66.908	6.663
195050	471375	9.819	8.789	0	13.1		13	66.896	6.663
195050	471400	9.664	8.789	0	13.11	13.01	6	66.897	6.663
195050	471425	9.588	8.789	0	13.11		13	66.908	6.663
195050	471450	9.561	8.789	0	13.12		13	66.926	6.663
195050	471475	9.567	8.789	0	13.13		13	66.953	6.663
195050	471500	9.605	8.789	0	13.15	13.01	6	66.992	6.663
195050	471525	9.681	8.789	0	13.17		13	67.048	6.663
195050	471550	9.82	8.789	0	13.21	13.01	6	67.138	6.663
195050	471575	10.119	8.788	0	13.28		13	67.319	6.663
195050	471600	11.233	8.788	0	13.55		13	67.976	6.663
195050	471625	11.313	8.788	0	13.64		13	66.82	6.663
195075	470700	8.762	8.636	0	13.06	13.03	6	67.455	6.739
195075	470725	8.765	8.636	0	13.06	13.03	6	67.456	6.739
195075	470750	8.769	8.637	0	13.06	13.03	6	67.457	6.739
195075	470775	8.772	8.636	0	13.06	13.03	6	67.458	6.739
195075	470800	8.777	8.637	0	13.06	13.03	6	67.46	6.739
195075	470825	8.781	8.636	0	13.06	13.03	6	67.462	6.739
195075	470850	8.787	8.637	0	13.06	13.03	6	67.463	6.739
195075	470875	8.793	8.637	0	13.06	13.03	6	67.466	6.739
195075	470900	8.8	8.637	0	13.07	13.04	6	67.468	6.739
195075	470925	8.809	8.637	0	13.07	13.04	6	67.471	6.739
195075	470950	8.818	8.637	0	13.07	13.04	6	67.474	6.739
195075	470975	8.829	8.637	0	13.07	13.04	6	67.478	6.739
195075	471000	8.994	8.789	0	13.04		13	66.722	6.663
195075	471025	9.01	8.789	0	13.04		13	66.727	6.663
195075	471050	9.028	8.789	0	13.04		13	66.733	6.663
195075	471075	9.051	8.789	0	13.05	13.01	6	66.674	6.663
195075	471100	9.08	8.789	0	13.05	13.01	6	66.748	6.663
195075	471125	9.117	8.788	0	13.05		13	66.758	6.663
195075	471150	9.169	8.789	0	13.06	13.01	6	66.771	6.663
195075	471175	9.247	8.789	0	13.06		13	66.679	6.663
195075	471200	9.388	8.789	0	13.07		13	66.825	6.663
195075	471225	9.725	8.788	0	13.09		13	66.913	6.663
195075	471250	11.106	8.788	0	13.18	13.01	6	67.312	6.663
195075	471275	17.107	8.788	0	13.64	13.01	6	69.453	6.663
195075	471300	12.754	8.789	0	13.28		13	67.782	6.663
195075	471325	10.66	8.789	0	13.13		13	67.083	6.663

195075	471350	10.038	8.789	0	13.1		13	6	66.936	6.663
195075	471375	9.801	8.789	0	13.1	13.01		6	66.897	6.663
195075	471400	9.67	8.789	0	13.1		13	6	66.888	6.663
195075	471425	9.586	8.789	0	13.1		13	6	66.893	6.663
195075	471450	9.544	8.789	0	13.11		13	6	66.908	6.663
195075	471475	9.539	8.789	0	13.12		13	6	66.933	66.631
195075	471500	9.567	8.788	0	13.14	13.01		6	66.969	6.663
195075	471525	9.639	8.788	0	13.16		13	6	67.025	6.663
195075	471550	9.783	8.788	0	13.2		13	6	67.119	6.663
195075	471575	10.11	8.788	0	13.28		13	6	67.316	6.663
195075	471600	11.448	8.788	0	13.61	13.01		6	68.107	6.663
195100	470925	8.805	8.637	0	13.07	13.04		6	67.468	6.739
195100	470950	8.814	8.637	0	13.07	13.04		6	67.471	6.739
195100	470975	8.825	8.637	0	13.07	13.04		6	67.475	6.739
195100	471000	8.99	8.789	0	13.04	13.01		6	66.719	6.663
195100	471025	9.005	8.789	0	13.04		13	6	66.723	6.663
195100	471050	9.022	8.788	0	13.04		13	6	66.729	6.663
195100	471075	9.045	8.789	0	13.05	13.01		6	66.735	6.663
195100	471100	9.072	8.789	0	13.05	13.01		6	66.742	6.663
195100	471125	9.108	8.788	0	13.05		13	6	66.752	6.663
195100	471150	9.159	8.788	0	13.05		13	6	66.765	6.663
195100	471175	9.237	8.789	0	13.06	13.01		6	66.784	6.663
195100	471200	9.374	8.788	0	13.07	13.01		6	66.818	6.663
195100	471225	9.709	8.789	0	13.09	13.01		6	66.908	6.663
195100	471250	11.27	8.789	0	13.19	13.01		6	67.369	6.663
195100	471275	17.056	8.788	0	13.63		13	6	69.445	6.663
195100	471300	13.534	8.789	0	13.34		13	6	68.077	6.663
195100	471325	10.8	8.789	0	13.15		13	6	67.177	6.663
195100	471350	10.044	8.789	0	13.11	13.01		6	66.964	6.663
195100	471375	9.737	8.788	0	13.1	13.01		6	66.903	6.663
195100	471400	9.609	8.788	0	13.1	13.01		6	66.885	6.663
195100	471425	9.549	8.789	0	13.1		13	6	66.886	6.663
195100	471450	9.521	8.788	0	13.11	13.01		6	66.899	6.663
195100	471475	9.522	8.789	0	13.12	13.01		6	66.923	6.663
195100	471500	9.555	8.789	0	13.14	13.01		6	6.696	6.663
195100	471525	9.633	8.789	0	13.16		13	6	6.702	6.663
195100	471550	9.792	8.788	0	13.2		13	6	67.123	6.663
195100	471575	10.16	8.788	0	13.29		13	6	67.344	6.663
195100	471600	11.788	8.788	0	13.69	13.01		6	68.312	6.663
195125	471150	9.15	8.789	0	13.05		13	6	6.676	6.663
195125	471175	9.22	8.789	0	13.06	13.01		6	66.778	6.663
195125	471200	9.332	8.789	0	13.06		13	6	66.807	6.663
195125	471225	9.538	8.788	0	13.08	13.01		6	66.862	6.663
195125	471250	10.075	8.788	0	13.11		13	6	67.014	6.663
195125	471275	11.116	8.789	0	13.18	13.01		6	67.318	6.663
195125	471300	10.727	8.788	0	13.15		13	6	67.191	6.663
195125	471325	10.115	8.789	0	13.11		13	6	67.004	6.663
195125	471350	9.821	8.789	0	13.1	13.01		6	66.924	6.663
195125	471375	9.65	8.789	0	13.09		13	6	6.689	6.663
195125	471400	9.542	8.788	0	13.09		13	6	66.878	6.663
195125	471425	9.495	8.789	0	13.1	13.01		6	6.688	6.663
195125	471450	9.484	8.789	0	13.11	13.01		6	66.894	6.663
195125	471475	9.499	8.789	0	13.12	13.01		6	66.919	6.663

195125	471500	9.545	8.789	0	13.13	13	6	66.959	6.663
195125	471525	9.639	8.789	0	13.16	13	6	67.024	6.663
195125	471550	9.824	8.789	0	13.21	13	6	67.114	6.663
195125	471575	10.253	8.789	0	13.31	13	6	67.395	6.663
195125	471600	12.281	8.789	0	13.81	13	6	68.612	6.663
195150	471375	9.526	8.788	0	13.09	13.01	6	66.866	6.663
195150	471400	9.474	8.789	0	13.09	13	6	66.866	6.663
195150	471425	9.445	8.789	0	13.1	13.01	6	66.873	6.663
195150	471450	9.446	8.789	0	13.1	13	6	66.889	6.663
195150	471475	9.474	8.789	0	13.12	13.01	6	66.918	6.663
195150	471500	9.535	8.789	0	13.14	13.01	6	66.962	6.663
195150	471525	9.649	8.789	0	13.17	13.01	6	67.034	6.663
195150	471550	9.873	8.789	0	13.22	13	6	67.168	6.663
195150	471575	10.408	8.789	0	13.35	13.01	6	67.748	6.663
195150	471600	13.055	8.789	0	14.01	13.01	6	69.091	6.663
195175	471600	-200	-200	0	-200	-200	-200	-200	-200

VIII

BIJLAGE: PUNTRESULTATEN BASISALTERNATIEF MET FUITE

X	Y	CONC_NO	BGR_NO2	LIMH_NO2	CONC_PM	BGR_PM10	LIMD_PM10	CONC_PM	BGR_PM25
193500	469700	8.545	8.522	0	13.2	13.19	6	68.373	6.836
193500	469800	8.546	8.522	0	13.2	13.19	6	68.373	6.836
193500	469900	8.547	8.522	0	13.2	13.19	6	68.374	6.836
193500	470000	8.294	8.268	0	13.08	13.07	6	67.664	6.765
193500	470100	8.296	8.268	0	13.08	13.07	6	67.665	6.765
193500	470200	8.297	8.268	0	13.08	13.07	6	67.665	6.765
193500	470300	8.298	8.268	0	13.08	13.07	6	67.666	6.765
193600	469700	8.546	8.522	0	13.2	13.19	6	68.373	6.836
193600	469800	8.547	8.522	0	13.2	13.19	6	68.374	6.836
193600	469900	8.548	8.522	0	13.2	13.19	6	68.374	6.836
193600	470000	8.296	8.268	0	13.08	13.07	6	67.665	6.765
193600	470100	8.297	8.268	0	13.08	13.07	6	67.666	6.765
193600	470200	8.299	8.268	0	13.08	13.07	6	67.666	6.765
193600	470300	8.3	8.268	0	13.08	13.07	6	67.667	6.765
193600	470400	8.302	8.268	0	13.08	13.07	6	67.668	6.765
193600	470500	8.303	8.268	0	13.08	13.07	6	67.669	6.765
193600	470600	8.305	8.268	0	13.08	13.07	6	6.767	6.765
193600	470700	8.306	8.268	0	13.08	13.07	6	67.671	6.765
193600	470800	8.308	8.268	0	13.08	13.07	6	67.672	6.765
193600	470900	8.309	8.268	0	13.08	13.07	6	67.673	6.765
193600	471000	8.185	8.142	0	12.89	12.88	6	66.424	6.64
193700	469700	8.547	8.521	0	13.2	13.19	6	68.374	6.836
193700	469800	8.548	8.521	0	13.2	13.19	6	68.375	6.836
193700	469900	8.55	8.522	0	13.2	13.19	6	68.375	6.836
193700	470000	8.297	8.268	0	13.08	13.07	6	67.666	6.765
193700	470100	8.299	8.268	0	13.08	13.07	6	67.667	6.765
193700	470200	8.3	8.267	0	13.08	13.07	6	67.668	6.765
193700	470300	8.302	8.268	0	13.08	13.07	6	67.669	6.765
193700	470400	8.304	8.268	0	13.08	13.07	6	6.767	6.765
193700	470500	8.306	8.268	0	13.08	13.07	6	6.767	6.765
193700	470600	8.308	8.268	0	13.08	13.07	6	67.672	6.765
193700	470700	8.309	8.267	0	13.08	13.07	6	67.673	6.765
193700	470800	8.311	8.268	0	13.09	13.08	6	67.674	6.765
193700	470900	8.313	8.268	0	13.09	13.08	6	67.675	6.765
193700	471000	8.189	8.142	0	12.89	12.88	6	66.427	6.64
193700	471100	8.191	8.142	0	12.89	12.88	6	66.429	6.64
193700	471200	8.194	8.142	0	12.89	12.88	6	66.431	6.64
193700	471300	8.198	8.142	0	12.89	12.88	6	66.434	6.64
193700	471400	8.203	8.142	0	12.89	12.87	6	66.438	6.64
193700	471500	8.216	8.142	0	12.89	12.87	6	66.447	6.64
193700	471600	8.293	8.142	0	12.92	12.88	6	66.499	6.64
193700	471700	8.22	8.142	0	12.9	12.88	6	66.456	6.64
193800	469700	8.549	8.522	0	13.2	13.19	6	68.375	6.836
193800	469800	8.55	8.522	0	13.2	13.19	6	68.375	6.836
193800	469900	8.551	8.522	0	13.2	13.19	6	68.376	6.836
193800	470000	8.299	8.268	0	13.08	13.07	6	67.667	6.765
193800	470100	8.301	8.268	0	13.08	13.07	6	67.668	6.765
193800	470200	8.303	8.268	0	13.08	13.07	6	67.669	6.765
193800	470300	8.305	8.268	0	13.08	13.07	6	6.767	6.765
193800	470400	8.307	8.268	0	13.08	13.07	6	67.671	6.765
193800	470500	8.309	8.268	0	13.08	13.07	6	67.672	6.765
193800	470600	8.311	8.268	0	13.09	13.08	6	67.673	6.765
193800	470700	8.313	8.268	0	13.09	13.08	6	67.675	6.765
193800	470800	8.315	8.268	0	13.09	13.08	6	67.676	6.765
193800	470900	8.317	8.267	0	13.09	13.08	6	67.677	6.765
193800	471000	8.194	8.142	0	12.89	12.88	6	66.429	6.64
193800	471100	8.197	8.142	0	12.89	12.88	6	66.432	6.64
193800	471200	8.201	8.142	0	12.89	12.88	6	66.435	6.64
193800	471300	8.207	8.142	0	12.89	12.87	6	6.644	6.64
193800	471400	8.217	8.142	0	12.89	12.87	6	66.447	6.64
193800	471500	8.246	8.142	0	12.9	12.87	6	66.466	6.64
193800	471600	-200	-200	0	-200	-200	-200	-200	-200
193800	471700	8.247	8.142	0	12.91	12.88	6	66.476	6.64
193800	471800	8.208	8.142	0	12.89	12.87	6	66.446	6.64
193800	471900	8.196	8.142	0	12.89	12.88	6	66.436	6.64
193800	472000	7.023	6.975	0	12.41	12.4	6	63.452	6.342
193800	472100	7.018	6.974	0	12.41	12.4	6	63.449	6.342
193800	472200	7.015	6.974	0	12.41	12.4	6	63.446	6.342
193800	472300	7.013	6.975	0	12.41	12.4	6	63.445	6.342
193800	472400	7.01	6.974	0	12.41	12.4	6	63.443	6.342
193900	469700	8.55	8.521	0	13.2	13.19	6	68.376	6.836
193900	469800	8.552	8.522	0	13.2	13.19	6	68.376	6.836
193900	469900	8.553	8.522	0	13.2	13.19	6	68.377	6.836
193900	470000	8.301	8.268	0	13.08	13.07	6	67.668	6.765
193900	470100	8.303	8.268	0	13.08	13.07	6	67.669	6.765
193900	470200	8.305	8.268	0	13.08	13.07	6	6.767	6.765
193900	470300	8.308	8.268	0	13.08	13.07	6	67.672	6.765
193900	470400	8.311	8.268	0	13.09	13.08	6	67.673	6.765

193900	470500	8.313	8.268	0 13.09	13.08	6	67.675	6.765
193900	470600	8.315	8.268	0 13.09	13.08	6	67.676	6.765
193900	470700	8.317	8.268	0 13.09	13.08	6	67.677	6.765
193900	470800	8.32	8.268	0 13.09	13.08	6	67.678	6.765
193900	470900	8.322	8.267	0 13.09	13.08	6	6.768	6.765
193900	471000	8.2	8.142	0 12.89	12.88	6	66.432	6.64
193900	471100	8.204	8.142	0 12.89	12.88	6	66.435	6.64
193900	471200	8.21	8.142	0 12.89	12.87	6	6.644	6.64
193900	471300	8.219	8.142	0 12.89	12.87	6	66.447	6.64
193900	471400	8.236	8.142	0 12.9	12.88	6	66.459	6.64
193900	471500	8.287	8.142	0 12.91	12.87	6	66.493	6.64
193900	471600	8.497	8.142	0 12.98	12.88	6	66.654	6.64
193900	471700	8.25	8.142	0 12.91	12.88	6	66.477	6.64
193900	471800	8.217	8.142	0 12.9	12.88	6	66.452	6.64
193900	471900	8.204	8.142	0 12.89	12.87	6	66.442	6.64
193900	472000	7.029	6.975	0 12.41	12.4	6	63.456	6.342
193900	472100	7.024	6.975	0 12.41	12.4	6	63.452	6.342
193900	472200	7.02	6.975	0 12.41	12.4	6	63.449	6.342
193900	472300	7.016	6.974	0 12.41	12.4	6	63.447	6.342
193900	472400	7.014	6.975	0 12.41	12.4	6	63.445	6.342
193900	472500	7.011	6.974	0 12.41	12.4	6	63.444	6.342
193900	472600	7.009	6.974	0 12.4	12.39	6	63.442	6.342
193900	472700	7.007	6.974	0 12.4	12.39	6	63.441	6.342
193900	472800	7.005	6.974	0 12.4	12.39	6	6.344	6.342
194000	469600	9.681	9.652	0 13.5	13.49	6	69.886	6.987
194000	469700	9.682	9.652	0 13.5	13.49	6	69.887	6.987
194000	469800	9.684	9.652	0 13.5	13.49	6	69.888	6.987
194000	469900	9.685	9.652	0 13.5	13.49	6	69.888	6.987
194000	470000	8.181	8.146	0 12.88	12.87	6	66.309	6.629
194000	470100	8.183	8.146	0 12.88	12.87	6	6.631	6.629
194000	470200	8.186	8.146	0 12.88	12.87	6	66.312	6.629
194000	470300	8.189	8.145	0 12.89	12.88	6	66.314	6.629
194000	470400	8.196	8.146	0 12.89	12.88	6	66.318	6.629
194000	470500	8.198	8.146	0 12.89	12.88	6	66.319	6.629
194000	470600	8.199	8.146	0 12.89	12.88	6	66.319	6.629
194000	470700	8.201	8.146	0 12.89	12.88	6	6.632	6.629
194000	470800	8.203	8.146	0 12.89	12.88	6	66.321	6.629
194000	470900	8.206	8.146	0 12.89	12.88	6	66.323	6.629
194000	471000	7.856	7.792	0 12.86	12.85	6	66.206	6.617
194000	471100	7.861	7.792	0 12.86	12.84	6	66.209	6.617
194000	471200	7.869	7.792	0 12.86	12.84	6	66.215	6.617
194000	471300	7.883	7.792	0 12.87	12.85	6	66.224	6.617
194000	471400	7.912	7.792	0 12.88	12.85	6	66.244	6.617
194000	471500	8.02	7.792	0 12.91	12.85	6	66.315	6.617
194000	471600	8.024	7.792	0 12.91	12.84	6	66.336	6.617
194000	471700	7.905	7.792	0 12.88	12.85	6	66.249	6.617
194000	471800	7.875	7.792	0 12.87	12.85	6	66.227	6.617
194000	471900	7.861	7.792	0 12.86	12.84	6	66.217	6.617
194000	472000	8.392	8.332	0 12.66	12.64	6	6.495	6.491
194000	472100	8.386	8.332	0 12.66	12.65	6	64.946	6.491
194000	472200	8.381	8.332	0 12.66	12.65	6	64.943	6.491
194000	472300	8.377	8.331	0 12.66	12.65	6	6.494	6.491
194000	472400	8.374	8.332	0 12.66	12.65	6	64.938	6.491
194000	472500	8.371	8.331	0 12.66	12.65	6	64.936	6.491
194000	472600	8.369	8.332	0 12.66	12.65	6	64.934	6.491
194000	472700	8.367	8.332	0 12.65	12.64	6	64.933	6.491
194000	472800	8.365	8.332	0 12.65	12.64	6	64.931	6.491
194100	469600	9.683	9.652	0 13.5	13.49	6	69.887	6.987
194100	469700	9.685	9.653	0 13.5	13.49	6	69.888	6.987
194100	469800	9.686	9.652	0 13.5	13.49	6	69.889	6.987
194100	469900	9.688	9.653	0 13.5	13.49	6	6.989	6.987
194100	470000	8.184	8.146	0 12.88	12.87	6	66.311	6.629
194100	470100	8.186	8.146	0 12.88	12.87	6	66.312	6.629
194100	470200	8.189	8.146	0 12.89	12.88	6	66.314	6.629
194100	470300	8.193	8.146	0 12.89	12.88	6	66.316	6.629
194100	470400	8.208	8.145	0 12.89	12.88	6	66.325	6.629
194100	470500	8.23	8.146	0 12.9	12.88	6	66.344	6.629
194100	470600	8.207	8.146	0 12.89	12.88	6	66.326	6.629
194100	470700	8.207	8.146	0 12.89	12.88	6	66.324	6.629
194100	470800	8.21	8.146	0 12.89	12.88	6	66.325	6.629
194100	470900	8.213	8.146	0 12.89	12.88	6	66.327	6.629
194100	471000	7.864	7.792	0 12.86	12.84	6	6.621	6.617
194100	471100	7.87	7.792	0 12.86	12.84	6	66.214	6.617
194100	471200	7.88	7.793	0 12.87	12.85	6	6.622	6.617
194100	471300	7.898	7.792	0 12.87	12.84	6	66.232	6.617
194100	471400	7.945	7.792	0 12.88	12.84	6	66.263	6.617
194100	471500	8.318	7.792	0 12.98	12.85	6	66.497	6.617
194100	471600	8.01	7.793	0 12.91	12.85	6	66.324	6.617
194100	471700	7.916	7.793	0 12.88	12.84	6	66.256	6.617

194100	471800	7.886	7.792	0	12.87	12.84	6	66.234	6.617
194100	471900	7.87	7.792	0	12.87	12.85	6	66.223	6.617
194100	472000	8.399	8.332	0	12.66	12.64	6	64.955	6.491
194100	472100	8.392	8.332	0	12.66	12.64	6	64.95	6.491
194100	472200	8.387	8.332	0	12.66	12.65	6	64.946	6.491
194100	472300	8.382	8.332	0	12.66	12.65	6	64.943	6.491
194100	472400	8.378	8.332	0	12.66	12.65	6	64.94	6.491
194100	472500	8.375	8.332	0	12.66	12.65	6	64.938	6.491
194100	472600	8.372	8.332	0	12.66	12.65	6	64.936	6.491
194100	472700	8.369	8.332	0	12.66	12.65	6	64.934	6.491
194100	472800	8.367	8.332	0	12.66	12.65	6	64.933	6.491
194200	469600	9.686	9.652	0	13.5	13.49	6	69.889	6.987
194200	469700	9.688	9.653	0	13.5	13.49	6	69.889	6.987
194200	469800	9.689	9.652	0	13.5	13.49	6	69.891	6.987
194200	469900	9.691	9.652	0	13.5	13.49	6	69.892	6.987
194200	470000	8.187	8.146	0	12.88	12.87	6	66.313	6.629
194200	470100	8.189	8.146	0	12.89	12.88	6	66.314	6.629
194200	470200	8.192	8.146	0	12.89	12.88	6	66.316	6.629
194200	470300	8.197	8.146	0	12.89	12.88	6	66.319	6.629
194200	470400	8.208	8.146	0	12.89	12.88	6	66.325	6.629
194200	470500	8.307	8.146	0	12.91	12.87	6	66.386	6.629
194200	470600	8.223	8.146	0	12.89	12.87	6	66.337	6.629
194200	470700	8.216	8.146	0	12.89	12.87	6	66.333	6.629
194200	470800	8.218	8.146	0	12.89	12.87	6	66.333	6.629
194200	470900	8.222	8.146	0	12.89	12.87	6	66.331	6.629
194200	471000	7.873	7.792	0	12.86	12.84	6	66.214	6.617
194200	471100	7.88	7.792	0	12.87	12.85	6	66.219	6.617
194200	471200	7.891	7.792	0	12.87	12.85	6	66.226	6.617
194200	471300	7.913	7.792	0	12.87	12.84	6	66.24	6.617
194200	471400	7.979	7.792	0	12.89	12.84	6	66.282	6.617
194200	471500	8.938	7.792	0	13.14	12.85	6	66.878	6.617
194200	471600	8.035	7.792	0	12.92	12.85	6	66.343	6.617
194200	471700	7.934	7.792	0	12.89	12.85	6	66.269	6.617
194200	471800	7.899	7.792	0	12.88	12.85	6	66.243	6.617
194200	471900	7.88	7.792	0	12.87	12.85	6	66.229	6.617
194200	472000	8.408	8.332	0	12.67	12.65	6	64.961	6.491
194200	472100	8.399	8.331	0	12.66	12.64	6	64.955	6.491
194200	472200	8.393	8.332	0	12.66	12.64	6	64.95	6.491
194200	472300	8.387	8.332	0	12.66	12.65	6	64.946	6.491
194200	472400	8.383	8.332	0	12.66	12.65	6	64.943	6.491
194200	472500	8.379	8.332	0	12.66	12.65	6	64.941	6.491
194200	472600	8.375	8.332	0	12.66	12.65	6	64.938	6.491
194200	472700	8.372	8.332	0	12.66	12.65	6	64.936	6.491
194200	472800	8.37	8.332	0	12.66	12.65	6	64.935	6.491
194300	469600	9.689	9.652	0	13.5	13.49	6	69.891	6.987
194300	469700	9.691	9.652	0	13.5	13.49	6	69.892	6.987
194300	469800	9.693	9.652	0	13.51	13.5	6	69.894	6.987
194300	469900	9.695	9.652	0	13.51	13.5	6	69.895	6.987
194300	470000	8.191	8.146	0	12.89	12.88	6	66.316	6.629
194300	470100	8.193	8.146	0	12.89	12.88	6	66.317	6.629
194300	470200	8.197	8.146	0	12.89	12.88	6	66.319	6.629
194300	470300	8.201	8.146	0	12.89	12.88	6	66.321	6.629
194300	470400	8.209	8.146	0	12.89	12.88	6	66.326	66.291
194300	470500	8.231	8.146	0	12.9	12.88	6	66.339	6.629
194300	470600	8.266	8.146	0	12.91	12.88	6	66.369	6.629
194300	470700	8.228	8.146	0	12.89	12.87	6	66.338	6.629
194300	470800	8.229	8.146	0	12.89	12.87	6	66.336	6.629
194300	470900	8.233	8.146	0	12.89	12.87	6	66.337	6.629
194300	471000	7.885	7.792	0	12.87	12.85	6	66.22	6.617
194300	471100	7.892	7.792	0	12.87	12.85	6	66.224	6.617
194300	471200	7.903	7.792	0	12.87	12.84	6	66.232	6.617
194300	471300	7.928	7.792	0	12.88	12.85	6	66.248	6.617
194300	471400	7.998	7.792	0	12.9	12.85	6	66.291	6.617
194300	471500	8.605	7.792	0	13.05	12.85	6	66.658	6.617
194300	471600	8.132	7.793	0	12.95	12.85	6	66.414	6.617
194300	471700	7.964	7.792	0	12.89	12.84	6	66.29	6.617
194300	471800	7.917	7.792	0	12.88	12.85	6	66.255	6.617
194300	471900	7.893	7.792	0	12.87	12.84	6	66.238	6.617
194300	472000	8.418	8.331	0	12.67	12.65	6	64.967	6.491
194300	472100	8.408	8.332	0	12.67	12.65	6	64.96	6.491
194300	472200	8.4	8.332	0	12.66	12.64	6	64.955	6.491
194300	472300	8.393	8.332	0	12.66	12.64	6	64.95	6.491
194300	472400	8.388	8.332	0	12.66	12.65	6	64.946	6.491
194300	472500	8.383	8.332	0	12.66	12.65	6	64.943	6.491
194300	472600	8.379	8.332	0	12.66	12.65	6	64.941	6.491
194300	472700	8.376	8.332	0	12.66	12.65	6	64.939	6.491
194300	472800	8.372	8.331	0	12.66	12.65	6	64.937	6.491
194400	469600	9.693	9.652	0	13.5	13.49	6	69.893	6.987
194400	469700	9.696	9.652	0	13.51	13.5	6	69.895	6.987

194400	469800	9.699	9.652	0 13.51	13.5	6	69.897	6.987
194400	469900	9.701	9.652	0 13.51	13.5	6	69.898	6.987
194400	470000	8.197	8.146	0 12.89	12.88	6	66.319	6.629
194400	470100	8.199	8.146	0 12.89	12.88	6	66.321	6.629
194400	470200	8.203	8.146	0 12.89	12.88	6	66.322	6.629
194400	470300	8.206	8.146	0 12.89	12.88	6	66.324	6.629
194400	470400	8.212	8.146	0 12.89	12.87	6	66.328	6.629
194400	470500	8.223	8.146	0 12.89	12.87	6	66.334	6.629
194400	470600	8.282	8.146	0 12.91	12.88	6	66.371	6.629
194400	470700	8.248	8.145	0 12.9	12.88	6	66.352	6.629
194400	470800	8.246	8.145	0 12.9	12.88	6	66.348	6.629
194400	470900	8.249	8.146	0 12.9	12.88	6	66.348	6.629
194400	471000	7.9	7.792	0 12.87	12.85	6	66.229	6.617
194400	471100	7.907	7.792	0 12.87	12.85	6	66.232	6.617
194400	471200	7.918	7.792	0 12.87	12.84	6	66.239	6.617
194400	471300	7.942	7.792	0 12.88	12.85	6	66.254	6.617
194400	471400	8.002	7.792	0 12.9	12.85	6	66.292	6.617
194400	471500	8.297	7.792	0 12.97	12.85	6	66.471	6.617
194400	471600	8.284	7.792	0 12.99	12.85	6	66.521	6.617
194400	471700	8.001	7.792	0 12.9	12.84	6	66.315	6.617
194400	471800	7.939	7.792	0 12.89	12.85	6	66.269	6.617
194400	471900	7.909	7.792	0 12.88	12.85	6	66.248	6.617
194400	472000	8.431	8.332	0 12.67	12.64	6	64.975	6.491
194400	472100	8.418	8.332	0 12.67	12.65	6	64.966	6.491
194400	472200	8.408	8.332	0 12.67	12.65	6	64.96	6.491
194400	472300	8.4	8.332	0 12.66	12.64	6	64.954	6.491
194400	472400	8.393	8.331	0 12.66	12.64	6	64.95	6.491
194400	472500	8.388	8.332	0 12.66	12.65	6	64.947	6.491
194400	472600	8.383	8.332	0 12.66	12.65	6	64.944	6.491
194400	472700	8.379	8.332	0 12.66	12.65	6	64.941	6.491
194400	472800	8.376	8.332	0 12.66	12.65	6	64.939	6.491
194500	469600	9.698	9.653	0 13.51	13.5	6	69.896	6.987
194500	469700	9.703	9.653	0 13.51	13.5	6	69.899	6.987
194500	469800	9.707	9.652	0 13.51	13.5	6	69.902	6.987
194500	469900	9.71	9.652	0 13.51	13.5	6	69.904	6.987
194500	470000	8.206	8.146	0 12.89	12.88	6	66.325	6.629
194500	470100	8.208	8.146	0 12.89	12.88	6	66.326	6.629
194500	470200	8.211	8.146	0 12.89	12.87	6	66.328	6.629
194500	470300	8.214	8.146	0 12.89	12.87	6	66.329	6.629
194500	470400	8.218	8.146	0 12.89	12.87	6	66.332	6.629
194500	470500	8.225	8.146	0 12.89	12.87	6	66.335	6.629
194500	470600	8.243	8.146	0 12.9	12.88	6	66.346	6.629
194500	470700	8.38	8.146	0 12.94	12.88	6	66.448	6.629
194500	470800	8.527	8.146	0 12.98	12.88	6	66.543	6.629
194500	470900	8.3	8.146	0 12.91	12.87	6	66.383	6.629
194500	471000	7.928	7.792	0 12.88	12.85	6	66.245	6.617
194500	471100	7.93	7.792	0 12.88	12.85	6	66.243	6.617
194500	471200	7.938	7.792	0 12.88	12.85	6	66.248	6.617
194500	471300	7.958	7.793	0 12.88	12.84	6	66.261	6.617
194500	471400	8.005	7.792	0 12.9	12.85	6	66.291	6.617
194500	471500	8.178	7.792	0 12.94	12.85	6	66.397	6.617
194500	471600	8.672	7.792	0 13.1	12.84	6	66.794	6.617
194500	471700	8.049	7.792	0 12.92	12.85	6	66.347	6.617
194500	471800	7.965	7.793	0 12.89	12.84	6	66.286	6.617
194500	471900	7.928	7.792	0 12.88	12.84	6	66.259	6.617
194500	472000	8.446	8.332	0 12.68	12.65	6	64.984	6.491
194500	472100	8.43	8.332	0 12.67	12.64	6	64.974	6.491
194500	472200	8.418	8.332	0 12.67	12.65	6	64.966	6.491
194500	472300	8.408	8.332	0 12.67	12.65	6	64.96	6.491
194500	472400	8.4	8.332	0 12.66	12.64	6	64.955	6.491
194500	472500	8.394	8.332	0 12.66	12.64	6	64.95	6.491
194500	472600	8.388	8.331	0 12.66	12.65	6	64.947	6.491
194500	472700	8.384	8.332	0 12.66	12.65	6	64.944	6.491
194500	472800	8.379	8.331	0 12.66	12.65	6	64.941	6.491
194600	469600	9.704	9.652	0 13.51	13.5	6 6.99	69.904	6.987
194600	469700	9.711	9.652	0 13.51	13.5	6	69.904	6.987
194600	469800	9.719	9.652	0 13.51	13.49	6	69.909	6.987
194600	469900	9.725	9.652	0 13.51	13.49	6	69.914	6.987
194600	470000	8.221	8.146	0 12.89	12.87	6	66.335	6.629
194600	470100	8.223	8.146	0 12.89	12.87	6	66.336	6.629
194600	470200	8.225	8.146	0 12.89	12.87	6	66.337	6.629
194600	470300	8.226	8.146	0 12.89	12.87	6	66.337	6.629
194600	470400	8.228	8.146	0 12.89	12.87	6	66.338	6.629
194600	470500	8.233	8.146	0 12.9	12.88	6	66.34	6.629
194600	470600	8.242	8.146	0 12.9	12.88	6	66.344	6.629
194600	470700	8.259	8.146	0 12.9	12.87	6	66.353	6.629
194600	470800	8.283	8.146	0 12.91	12.88	6	66.366	6.629
194600	470900	8.337	8.146	0 12.92	12.88	6	66.398	6.629
194600	471000	8.094	7.792	0 12.92	12.84	6	66.363	6.617

194600	471100	7.978	7.792	0	12.89	12.85	6	66.273	6.617
194600	471200	7.97	7.792	0	12.88	12.84	6	66.264	6.617
194600	471300	7.981	7.792	0	12.89	12.85	6	66.271	6.617
194600	471400	8.018	7.792	0	12.9	12.85	6	66.295	6.617
194600	471500	8.132	7.793	0	12.93	12.85	6	66.366	6.617
194600	471600	-200	-200	0	-200	-200	-200	-200	-200
194600	471700	8.12	7.792	0	12.94	12.85	6	66.394	6.617
194600	471800	7.997	7.793	0	12.9	12.84	6	66.306	6.617
194600	471900	7.95	7.792	0	12.89	12.85	6	66.273	6.617
194600	472000	8.462	8.332	0	12.68	12.65	6	64.994	6.491
194600	472100	8.444	8.332	0	12.67	12.64	6	64.982	6.491
194600	472200	8.43	8.332	0	12.67	12.64	6	64.973	6.491
194600	472300	8.418	8.332	0	12.67	12.65	6	64.966	6.491
194600	472400	8.409	8.332	0	12.67	12.65	6	64.96	6.491
194600	472500	8.401	8.332	0	12.66	12.64	6	64.955	6.491
194600	472600	8.394	8.332	0	12.66	12.64	6	64.95	6.491
194600	472700	8.389	8.332	0	12.66	12.65	6	64.947	6.491
194700	469500	9.704	9.653	0	13.51	13.5	6	69.899	6.987
194700	469600	9.712	9.652	0	13.51	13.5	6	69.904	6.987
194700	469700	9.723	9.653	0	13.51	13.49	6	69.911	6.987
194700	469800	9.737	9.652	0	13.52	13.5	6	69.92	6.987
194700	469900	9.756	9.653	0	13.52	13.49	6	69.932	6.987
194700	470000	8.258	8.146	0	12.9	12.87	6	66.359	6.629
194700	470100	8.258	8.146	0	12.9	12.87	6	66.359	6.629
194700	470200	8.252	8.146	0	12.9	12.87	6	66.355	6.629
194700	470300	8.247	8.146	0	12.9	12.88	6	66.352	6.629
194700	470400	8.247	8.146	0	12.9	12.88	6	66.35	6.629
194700	470500	8.249	8.146	0	12.9	12.88	6	66.35	6.629
194700	470600	8.254	8.146	0	12.9	12.88	6	66.351	6.629
194700	470700	8.264	8.146	0	12.9	12.87	6	66.355	6.629
194700	470800	8.277	8.145	0	12.9	12.87	6	66.362	6.629
194700	470900	8.3	8.146	0	12.91	12.88	6	66.373	6.629
194700	471000	7.994	7.792	0	12.89	12.85	6	66.277	6.617
194700	471100	8.197	7.792	0	12.94	12.85	6	66.4	6.617
194700	471200	8.029	7.792	0	12.89	12.84	6	66.293	6.617
194700	471300	8.021	7.792	0	12.89	12.84	6	66.288	6.617
194700	471400	8.05	7.792	0	12.9	12.84	6	66.308	6.617
194700	471500	8.132	7.792	0	12.92	12.84	6	66.361	6.617
194700	471600	8.742	7.792	0	13.08	12.85	6	66.733	6.617
194700	471700	8.235	7.792	0	12.97	12.85	6	66.473	6.617
194700	471800	8.037	7.792	0	12.91	12.84	6	66.33	6.617
194700	471900	7.976	7.792	0	12.89	12.84	6	66.288	6.617
194700	472000	8.484	8.332	0	12.69	12.65	6	65.007	6.491
194700	472100	8.462	8.332	0	12.68	12.65	6	64.993	6.491
194700	472200	8.445	8.332	0	12.67	12.64	6	64.982	6.491
194700	472300	8.431	8.332	0	12.67	12.64	6	64.973	6.491
194700	472400	8.419	8.332	0	12.67	12.65	6	64.966	6.491
194700	472500	8.409	8.331	0	12.67	12.65	6	64.96	6.491
194700	472600	8.401	8.332	0	12.66	12.64	6	64.955	6.491
194700	472700	8.394	8.331	0	12.66	12.64	6	64.95	6.491
194800	469500	9.711	9.652	0	13.51	13.5	6	69.904	6.987
194800	469600	9.722	9.652	0	13.51	13.49	6	69.911	6.987
194800	469700	9.738	9.652	0	13.52	13.5	6	69.92	6.987
194800	469800	9.764	9.652	0	13.52	13.49	6	69.936	6.987
194800	469900	9.817	9.652	0	13.54	13.5	6	69.968	6.987
194800	470000	8.538	8.146	0	12.97	12.87	6	66.528	6.629
194800	470100	8.413	8.146	0	12.94	12.87	6	66.462	6.629
194800	470200	8.355	8.146	0	12.93	12.88	6	66.421	6.629
194800	470300	8.33	8.146	0	12.92	12.88	6	66.403	6.629
194800	470400	8.315	8.146	0	12.92	12.88	6	66.392	6.629
194800	470500	8.308	8.146	0	12.91	12.87	6	66.386	6.629
194800	470600	8.307	8.146	0	12.91	12.87	6	66.383	6.629
194800	470700	8.309	8.146	0	12.91	12.87	6	66.382	6.629
194800	470800	8.316	8.146	0	12.91	12.87	6	66.384	6.629
194800	470900	8.327	8.146	0	12.91	12.87	6	66.388	6.629
194800	471000	8.013	7.792	0	12.89	12.84	6	66.285	6.617
194800	471100	8.453	7.792	0	13	12.85	6	66.549	6.617
194800	471200	8.111	7.792	0	12.91	12.85	6	66.322	6.617
194800	471300	8.096	7.793	0	12.9	12.84	6	66.317	6.617
194800	471400	8.118	7.792	0	12.91	12.84	6	66.335	6.617
194800	471500	8.184	7.792	0	12.93	12.84	6	66.381	6.617
194800	471600	8.595	7.793	0	13.04	12.85	6	66.644	6.617
194800	471700	8.347	7.792	0	13	12.85	6	66.546	6.617
194800	471800	8.083	7.792	0	12.92	12.84	6	66.358	6.617
194800	471900	8.011	7.792	0	12.9	12.84	6	66.308	6.617
194800	472000	8.512	8.332	0	12.69	12.64	6	65.023	6.491
194800	472100	8.486	8.332	0	12.68	12.64	6	65.007	6.491
194800	472200	8.465	8.331	0	12.68	12.65	6	64.994	6.491
194800	472300	8.448	8.332	0	12.68	12.65	6	64.983	6.491

194800	472400	8.433	8.332	0	12.67	12.64	6	64.974	6.491
194800	472500	8.42	8.331	0	12.67	12.65	6	64.967	6.491
194800	472600	8.41	8.332	0	12.67	12.65	6	6.496	6.491
194800	472700	8.402	8.332	0	12.66	12.64	6	64.955	6.491
194900	469500	9.722	9.652	0	13.51	13.49	6	6.991	6.987
194900	469600	9.739	9.652	0	13.52	13.5	6	69.921	6.987
194900	469700	9.761	9.652	0	13.52	13.49	6	69.934	6.987
194900	469800	9.804	9.652	0	13.53	13.49	6	69.959	6.987
194900	469900	9.929	9.652	0	13.56	13.49	6	70.033	6.987
194900	470000	11.404	8.146	0	13.73	12.88	6	68.364	6.629
194900	470100	8.476	8.146	0	12.96	12.87	6	66.502	6.629
194900	470200	8.386	8.146	0	12.93	12.87	6	66.436	6.629
194900	470300	8.371	8.146	0	12.93	12.88	6	66.422	6.629
194900	470400	8.376	8.146	0	12.93	12.88	6	66.421	6.629
194900	470500	8.392	8.146	0	12.93	12.88	6	66.427	6.629
194900	470600	8.417	8.146	0	12.93	12.87	6	66.439	6.629
194900	470700	8.452	8.146	0	12.94	12.87	6	66.456	6.629
194900	470800	8.505	8.146	0	12.95	12.87	6	66.483	6.629
194900	470900	8.677	8.146	0	13	12.88	6	66.595	6.629
194900	471000	-200	-200	0	-200	-200	-200	-200	-200
194900	471100	8.828	7.792	0	13.1	12.84	6	66.812	6.617
194900	471200	8.43	7.792	0	12.97	12.84	6	66.491	6.617
194900	471300	8.363	7.792	0	12.95	12.84	6	66.439	6.617
194900	471400	8.329	7.792	0	12.95	12.85	6	66.429	6.617
194900	471500	8.349	7.793	0	12.96	12.84	6	6.646	6.617
194900	471600	8.834	7.792	0	13.09	12.84	6	6.678	6.617
194900	471700	8.394	7.792	0	13.01	12.85	6	66.561	6.617
194900	471800	8.141	7.792	0	12.93	12.84	6	66.387	6.617
194900	471900	8.06	7.792	0	12.91	12.84	6	66.334	6.617
194900	472000	8.554	8.332	0	12.7	12.64	6	65.046	6.491
194900	472100	8.521	8.332	0	12.69	12.64	6	65.027	6.491
194900	472200	8.495	8.332	0	12.69	12.65	6	65.011	6.491
194900	472300	8.473	8.332	0	12.68	12.64	6	64.998	6.491
194900	472400	8.452	8.331	0	12.68	12.65	6	64.986	6.491
194900	472500	8.436	8.332	0	12.67	12.64	6	64.976	6.491
194900	472600	8.422	8.332	0	12.67	12.65	6	64.967	6.491
194900	472700	8.41	8.331	0	12.67	12.65	6	6.496	6.491
195000	469500	9.743	9.655	0	13.37	13.35	6	68.781	6.873
195000	469600	9.774	9.656	0	13.37	13.34	6	6.88	6.873
195000	469700	9.808	9.656	0	13.38	13.34	6	68.822	6.873
195000	469800	9.867	9.655	0	13.4	13.35	6	68.857	6.873
195000	469900	10.126	9.655	0	13.46	13.35	6	69.004	6.873
195000	470000	9.644	8.637	0	13.3	13.03	6	68.049	6.739
195000	470100	8.91	8.636	0	13.11	13.04	6	6.757	67.389
195000	470200	8.811	8.636	0	13.08	13.03	6	67.501	6.739
195000	470300	8.781	8.637	0	13.07	13.03	6	67.478	6.739
195000	470400	8.771	8.636	0	13.07	13.04	6	67.469	6.739
195000	470500	8.771	8.637	0	13.07	13.04	6	67.466	6.739
195000	470600	8.776	8.637	0	13.07	13.04	6	67.467	6.739
195000	470700	8.786	8.637	0	13.07	13.04	6	6.747	6.739
195000	470800	8.803	8.637	0	13.07	13.04	6	67.477	6.739
195000	470900	8.83	8.637	0	13.07	13.03	6	67.489	6.739
195000	471000	9.033	8.789	0	13.05	13	6	66.749	6.663
195000	471100	9.142	8.789	0	13.07	13.01	6	66.793	6.663
195000	471200	9.385	8.789	0	13.09	13	6	66.867	6.663
195000	471300	9.637	8.789	0	13.12	13	6	66.942	6.663
195000	471400	9.757	8.789	0	13.16	13	6	67.034	6.663
195000	471500	10.232	8.788	0	13.29	13	6	67.348	6.663
195000	471600	-200	-200	0	-200	-200	-200	-200	-200
195000	471700	9.576	8.789	0	13.2	13.01	6	67.108	6.663
195000	471800	9.273	8.789	0	13.12	13	6	66.917	6.663
195000	471900	9.167	8.788	0	13.1	13.01	6	66.854	6.663
195000	472000	8.764	8.45	0	12.79	12.71	6	65.047	6.486
195000	472100	8.703	8.45	0	12.78	12.72	6	65.014	6.486
195000	472200	8.664	8.45	0	12.77	12.72	6	64.991	6.486
195000	472300	8.631	8.449	0	12.76	12.71	6	64.972	6.486
195000	472400	8.601	8.449	0	12.75	12.71	6	64.954	6.486
195000	472500	8.576	8.45	0	12.75	12.72	6	64.939	6.486
195000	472600	8.556	8.45	0	12.74	12.71	6	64.927	6.486
195000	472700	8.54	8.45	0	12.74	12.72	6	64.917	6.486
195100	469500	9.774	9.655	0	13.37	13.34	6	68.799	6.873
195100	469600	9.871	9.655	0	13.4	13.35	6	68.859	6.873
195100	469700	9.996	9.655	0	13.43	13.34	6	68.946	6.873
195100	469800	10.004	9.656	0	13.43	13.34	6	68.948	6.873
195100	469900	10.53	9.655	0	13.55	13.34	6	69.235	6.873
195100	470000	9.302	8.637	0	13.21	13.03	6	67.825	6.739
195100	470100	8.887	8.636	0	13.1	13.03	6	67.554	6.739
195100	470200	8.797	8.637	0	13.08	13.04	6	67.492	6.739
195100	470300	8.766	8.637	0	13.07	13.04	6	67.469	6.739

195100	470400	8.754	8.637	0	13.06	13.03	6	67.459	6.739
195100	470500	8.751	8.636	0	13.06	13.03	6	67.455	6.739
195100	470600	8.755	8.637	0	13.06	13.03	6	67.455	6.739
195100	470700	8.763	8.636	0	13.06	13.03	6	67.457	6.739
195100	470800	8.778	8.637	0	13.06	13.03	6	67.462	6.739
195100	470900	8.802	8.637	0	13.07	13.04	6	67.471	6.739
195100	471000	8.996	8.789	0	13.04	13	6	66.725	6.663
195100	471100	9.079	8.789	0	13.05	13	6	66.749	6.663
195100	471200	9.381	8.788	0	13.07	13	6	66.826	6.663
195100	471300	13.526	8.789	0	13.35	13.01	6	68.081	6.663
195100	471400	9.621	8.788	0	13.1	13	6	66.898	6.663
195100	471500	9.577	8.789	0	13.14	13	6	6.698	6.663
195100	471600	11.913	8.789	0	13.73	13	6	68.415	6.663
195100	471700	9.651	8.789	0	13.21	13	6	67.144	6.663
195100	471800	9.416	8.789	0	13.15	13	6	66.999	6.663
195100	471900	9.335	8.788	0	13.13	13	6	66.948	6.663
195100	472000	8.961	8.45	0	12.83	12.71	6	65.151	6.486
195100	472100	8.845	8.45	0	12.81	12.71	6	65.094	6.486
195100	472200	8.775	8.45	0	12.79	12.71	6	65.055	6.486
195100	472300	8.717	8.45	0	12.78	12.71	6	65.022	6.486
195100	472400	8.661	8.45	0	12.77	12.72	6	64.989	6.486
195100	472500	8.614	8.45	0	12.76	12.72	6	64.962	6.486
195100	472600	8.58	8.45	0	12.75	12.72	6	64.941	6.486
195100	472700	8.556	8.45	0	12.74	12.71	6	64.926	6.486
195200	469500	9.848	9.655	0	13.39	13.34	6	68.842	6.873
195200	469600	10.591	9.656	0	13.57	13.34	6	6.928	6.873
195200	469700	10.262	9.655	0	13.5	13.35	6	69.102	6.873
195200	469800	10.832	9.655	0	13.63	13.34	6	69.432	6.873
195200	469900	12.406	9.656	0	14.01	13.34	6	70.363	6.873
195200	470000	9.082	8.637	0	13.15	13.03	6	67.676	6.739
195200	470100	8.85	8.637	0	13.09	13.03	6	67.526	6.739
195200	470200	8.783	8.636	0	13.07	13.03	6	67.482	6.739
195200	470300	8.756	8.636	0	13.06	13.03	6	67.463	6.739
195200	470400	8.745	8.636	0	13.06	13.03	6	67.453	6.739
195200	470500	8.743	8.637	0	13.06	13.04	6	6.745	6.739
195200	470600	8.746	8.637	0	13.06	13.04	6	67.449	6.739
195200	470700	8.754	8.636	0	13.06	13.04	6	67.451	6.739
195200	470800	8.768	8.636	0	13.06	13.03	6	67.456	6.739
195200	470900	8.791	8.637	0	13.06	13.03	6	67.463	6.739
195200	471000	8.98	8.789	0	13.04	13.01	6	66.715	6.663
195200	471100	9.046	8.788	0	13.05	13.01	6	66.735	6.663
195200	471200	9.172	8.788	0	13.06	13.01	6	66.772	6.663
195200	471300	9.347	8.789	0	13.07	13	6	66.822	6.663
195200	471400	9.353	8.789	0	13.09	13.01	6	6.685	6.663
195200	471500	9.535	8.789	0	13.15	13.01	6	66.983	6.663
195200	471600	-200	-200	0	-200	-200	-200	-200	-200
195200	471700	11.861	8.789	0	13.73	13	6	68.411	6.663
195200	471800	-200	-200	0	-200	-200	-200	-200	-200
195200	471900	11.364	8.788	0	13.65	13	6	68.224	6.663
195200	472000	9.989	8.45	0	13.1	12.72	6	65.798	6.486
195200	472100	9.628	8.45	0	13	12.72	6	65.551	6.486
195200	472200	9.271	8.449	0	12.91	12.71	6	65.341	6.486
195200	472300	9.016	8.45	0	12.85	12.71	6	65.196	6.486
195200	472400	8.817	8.45	0	12.8	12.71	6	65.081	6.486
195200	472500	8.695	8.449	0	12.77	12.71	6	65.009	6.486
195200	472600	8.622	8.449	0	12.76	12.72	6	64.966	6.486
195300	469500	10.39	9.655	0	13.51	13.34	6	69.139	6.873
195300	469600	10.111	9.655	0	13.46	13.34	6	69.011	6.873
195300	469700	9.921	9.656	0	13.41	13.34	6	68.891	6.873
195300	469800	9.936	9.656	0	13.41	13.34	6	68.895	6.873
195300	469900	9.978	9.655	0	13.42	13.34	6	68.921	6.873
195300	470000	8.876	8.637	0	13.09	13.03	6	67.535	6.739
195300	470100	8.801	8.636	0	13.08	13.04	6	67.491	6.739
195300	470200	8.764	8.637	0	13.07	13.04	6	67.467	6.739
195300	470300	8.746	8.637	0	13.06	13.03	6	67.455	6.739
195300	470400	8.738	8.636	0	13.06	13.04	6	67.448	6.739
195300	470500	8.737	8.637	0	13.06	13.04	6	67.445	6.739
195300	470600	8.741	8.637	0	13.06	13.04	6	67.446	6.739
195300	470700	8.749	8.637	0	13.06	13.04	6	67.448	6.739
195300	470800	8.762	8.636	0	13.06	13.04	6	67.452	6.739
195300	470900	8.783	8.637	0	13.06	13.03	6	67.459	6.739
195300	471000	8.966	8.789	0	13.04	13.01	6	6.671	6.663
195300	471100	9.009	8.789	0	13.04	13	6	66.726	6.663
195300	471200	9.072	8.788	0	13.05	13	6	66.748	6.663
195300	471300	9.15	8.789	0	13.06	13	6	66.781	6.663
195300	471400	9.243	8.789	0	13.09	13.01	6	66.834	6.663
195300	471500	9.552	8.789	0	13.16	13.01	6	67.011	6.663
195300	471600	11.296	8.788	0	13.61	13.01	6	68.123	6.663
195300	471700	9.718	8.789	0	13.22	13	6	67.174	6.663

195300	471800	9.454	8.789	0	13.16	13.01	6	67.007	6.663	
195300	471900	9.429	8.789	0	13.15		13	6	6.699	6.663
195300	472000	9.127	8.45	0	12.87	12.72	6	65.237	6.486	
195300	472100	9.273	8.45	0	12.9	12.72	6	65.304	6.486	
195300	472200	9.553	8.45	0	12.95	12.71	6	65.443	6.486	
195300	472300	10.693	8.45	0	13.18	12.71	6	6.601	6.486	
195300	472400	9.869	8.45	0	13.05	12.72	6	65.685	6.486	
195300	472500	8.969	8.45	0	12.84	12.72	6	65.162	6.486	
195300	472600	8.711	8.45	0	12.78	12.72	6	65.014	6.486	
195400	469400	9.736	9.655	0	13.36	13.34	6	68.775	6.873	
195400	469500	9.781	9.655	0	13.37	13.34	6	68.801	6.873	
195400	469600	9.811	9.655	0	13.38	13.34	6	68.819	6.873	
195400	469700	9.807	9.656	0	13.38	13.34	6	68.818	6.873	
195400	469800	9.811	9.655	0	13.38	13.34	6	68.821	6.873	
195400	469900	9.816	9.655	0	13.38	13.34	6	68.824	6.873	
195400	470000	8.783	8.636	0	13.07	13.04	6	67.475	6.739	
195400	470100	8.76	8.636	0	13.06	13.03	6	67.462	6.739	
195400	470200	8.743	8.636	0	13.06	13.03	6	67.452	6.739	
195400	470300	8.734	8.637	0	13.06	13.04	6	67.446	6.739	
195400	470400	8.73	8.636	0	13.06	13.04	6	67.443	6.739	
195400	470500	8.731	8.636	0	13.06	13.04	6	67.442	6.739	
195400	470600	8.736	8.637	0	13.06	13.04	6	67.442	6.739	
195400	470700	8.745	8.637	0	13.06	13.04	6	67.445	6.739	
195400	470800	8.758	8.637	0	13.06	13.04	6	6.745	6.739	
195400	470900	8.777	8.637	0	13.06	13.03	6	67.457	6.739	
195400	471000	8.953	8.789	0	13.04	13.01	6	66.707	6.663	
195400	471100	8.986	8.788	0	13.04		13	6	66.721	6.663
195400	471200	9.035	8.789	0	13.05	13.01	6	66.742	6.663	
195400	471300	9.101	8.789	0	13.06		13	6	66.775	6.663
195400	471400	9.217	8.788	0	13.09	13.01	6	66.839	6.663	
195400	471500	9.684	8.788	0	13.19		13	6	67.096	6.663
195400	471600	9.982	8.789	0	13.29	13.01	6	67.323	6.663	
195400	471700	9.371	8.789	0	13.14	13.01	6	66.964	6.663	
195400	471800	9.23	8.788	0	13.11	13.01	6	6.688	6.663	
195400	471900	9.183	8.789	0	13.09		13	6	6.685	6.663
195400	472000	8.833	8.449	0	12.8	12.71	6	65.071	6.486	
195400	472100	8.849	8.45	0	12.8	12.71	6	65.077	6.486	
195400	472200	8.892	8.45	0	12.81	12.71	6	65.095	6.486	
195400	472300	8.989	8.449	0	12.83	12.72	6	6.514	6.486	
195400	472400	9.291	8.45	0	12.89	12.72	6	65.283	6.486	
195400	472500	11.087	8.45	0	13.17	12.71	6	66.041	6.486	
195400	472600	9.042	8.45	0	12.83	12.72	6	65.163	6.486	
195500	469400	9.719	9.656	0	13.36	13.35	6	68.765	6.873	
195500	469500	9.736	9.656	0	13.36	13.34	6	68.775	6.873	
195500	469600	9.749	9.655	0	13.37	13.35	6	68.783	6.873	
195500	469700	9.756	9.655	0	13.37	13.35	6	68.787	6.873	
195500	469800	9.762	9.656	0	13.37	13.35	6	68.791	6.873	
195500	469900	9.763	9.655	0	13.37	13.34	6	68.792	6.873	
195500	470000	8.742	8.637	0	13.06	13.04	6	6.745	6.739	
195500	470100	8.734	8.636	0	13.06	13.04	6	67.445	6.739	
195500	470200	8.728	8.637	0	13.06	13.04	6	67.441	6.739	
195500	470300	8.724	8.637	0	13.05	13.03	6	67.439	6.739	
195500	470400	8.723	8.637	0	13.05	13.03	6	67.437	6.739	
195500	470500	8.726	8.637	0	13.05	13.03	6	67.438	6.739	
195500	470600	8.732	8.637	0	13.05	13.03	6	67.439	6.739	
195500	470700	8.741	8.637	0	13.06	13.04	6	67.443	6.739	
195500	470800	8.754	8.637	0	13.06	13.04	6	67.448	6.739	
195500	470900	8.771	8.636	0	13.06	13.03	6	67.456	6.739	
195500	471000	8.946	8.789	0	13.04	13.01	6	66.706	6.663	
195500	471100	8.978	8.789	0	13.04		13	6	66.721	6.663
195500	471200	9.023	8.789	0	13.05		13	6	66.744	6.663
195500	471300	9.093	8.788	0	13.07	13.01	6	66.781	6.663	
195500	471400	9.243	8.788	0	13.1	13.01	6	66.863	6.663	
195500	471500	10.247	8.789	0	13.32		13	6	67.414	6.663
195500	471600	9.519	8.788	0	13.18		13	6	67.063	6.663
195500	471700	9.216	8.788	0	13.1		13	6	66.876	6.663
195500	471800	9.125	8.789	0	13.08		13	6	6.682	6.663
195500	471900	9.084	8.788	0	13.07		13	6	66.795	6.663
195500	472000	8.73	8.45	0	12.78	12.72	6	65.014	6.486	
195500	472100	8.728	8.45	0	12.78	12.72	6	65.011	6.486	
195500	472200	8.738	8.45	0	12.78	12.72	6	65.014	6.486	
195500	472300	8.762	8.45	0	12.78	12.71	6	65.023	6.486	
195500	472400	8.807	8.449	0	12.79	12.72	6	65.041	6.486	
195500	472500	8.895	8.45	0	12.8	12.72	6	65.069	6.486	
195500	472600	9.02	8.45	0	12.81	12.72	6	65.105	6.486	
195600	469400	9.708	9.655	0	13.36	13.35	6	68.759	6.873	
195600	469500	9.717	9.655	0	13.36	13.35	6	68.764	6.873	
195600	469600	9.725	9.655	0	13.36	13.34	6	68.769	6.873	
195600	469700	9.731	9.655	0	13.36	13.34	6	68.773	6.873	

195600	469800	9.736	9.655	0	13.36	13.34	6	68.775	6.873
195600	469900	9.738	9.655	0	13.36	13.34	6	68.776	6.873
195600	470000	8.72	8.637	0	13.05	13.03	6	67.436	6.739
195600	470100	8.718	8.637	0	13.05	13.03	6	67.435	6.739
195600	470200	8.716	8.636	0	13.05	13.03	6	67.434	6.739
195600	470300	8.716	8.637	0	13.05	13.03	6	67.433	6.739
195600	470400	8.717	8.637	0	13.05	13.03	6	67.433	6.739
195600	470500	8.721	8.637	0	13.05	13.03	6	67.434	6.739
195600	470600	8.727	8.637	0	13.05	13.03	6	67.437	6.739
195600	470700	8.737	8.637	0	13.06	13.04	6	67.441	6.739
195600	470800	8.751	8.637	0	13.06	13.04	6	67.447	6.739
195600	470900	8.768	8.636	0	13.06	13.03	6	67.455	67.389
195600	471000	8.945	8.789	0	13.04	13.01	6	66.708	6.663
195600	471100	8.979	8.788	0	13.04	13	6	66.725	6.663
195600	471200	9.031	8.789	0	13.05	13	6	66.752	6.663
195600	471300	9.123	8.789	0	13.07	13	6	66.803	6.663
195600	471400	9.387	8.788	0	13.13	13	6	66.949	6.663
195600	471500	10.591	8.789	0	13.45	13.01	6	6.772	6.663
195600	471600	9.296	8.789	0	13.13	13.01	6	66.928	6.663
195600	471700	9.126	8.788	0	13.08	13	6	66.824	6.663
195600	471800	9.061	8.789	0	13.07	13.01	6	66.784	6.663
195600	471900	9.027	8.788	0	13.06	13.01	6	66.764	6.663
195600	472000	8.673	8.45	0	12.76	12.71	6	64.983	6.486
195600	472100	8.665	8.45	0	12.76	12.71	6	64.977	6.486
195600	472200	8.664	8.45	0	12.76	12.71	6	64.975	6.486
195600	472300	8.667	8.45	0	12.76	12.71	6	64.975	6.486
195600	472400	8.676	8.45	0	12.76	12.71	6	64.977	6.486
195600	472500	8.677	8.449	0	12.76	12.71	6	64.975	6.486
195600	472600	8.66	8.45	0	12.76	12.72	6	64.965	6.486
195700	469400	9.701	9.655	0	13.35	13.34	6	68.755	6.873
195700	469500	9.707	9.656	0	13.36	13.35	6	68.758	6.873
195700	469600	9.712	9.655	0	13.36	13.35	6	68.761	6.873
195700	469700	9.717	9.655	0	13.36	13.35	6	68.764	6.873
195700	469800	9.721	9.655	0	13.36	13.35	6	68.766	6.873
195700	469900	9.723	9.655	0	13.36	13.34	6	68.768	6.873
195700	470000	8.707	8.637	0	13.05	13.03	6	67.428	6.739
195700	470100	8.707	8.636	0	13.05	13.03	6	67.428	6.739
195700	470200	8.708	8.637	0	13.05	13.03	6	67.428	6.739
195700	470300	8.709	8.637	0	13.05	13.03	6	67.429	6.739
195700	470400	8.712	8.637	0	13.05	13.03	6	67.429	6.739
195700	470500	8.716	8.637	0	13.05	13.03	6	67.431	6.739
195700	470600	8.723	8.637	0	13.05	13.03	6	67.434	6.739
195700	470700	8.733	8.637	0	13.05	13.03	6	67.439	6.739
195700	470800	8.747	8.636	0	13.06	13.04	6	67.446	6.739
195700	470900	8.769	8.637	0	13.06	13.03	6	67.456	6.739
195700	471000	8.95	8.789	0	13.04	13.01	6	66.711	6.663
195700	471100	8.992	8.789	0	13.05	13.01	6	66.734	6.663
195700	471200	9.064	8.789	0	13.06	13	6	66.773	6.663
195700	471300	9.237	8.788	0	13.1	13	6	6.687	6.663
195700	471400	10.875	8.789	0	13.48	13	6	67.795	6.663
195700	471500	9.477	8.789	0	13.17	13	6	67.038	6.663
195700	471600	9.16	8.789	0	13.09	13	6	66.846	6.663
195700	471700	9.063	8.789	0	13.07	13.01	6	66.787	6.663
195700	471800	9.016	8.789	0	13.06	13.01	6	66.759	6.663
195700	471900	8.989	8.789	0	13.05	13	6	66.742	6.663
195700	472000	8.635	8.45	0	12.76	12.72	6	64.963	6.486
195700	472100	8.625	8.45	0	12.75	12.71	6	64.956	6.486
195700	472200	8.619	8.449	0	12.75	12.71	6	64.952	6.486
195700	472300	8.617	8.45	0	12.75	12.71	6	64.949	6.486
195700	472400	8.613	8.45	0	12.75	12.72	6	64.946	6.486
195700	472500	8.607	8.449	0	12.75	12.72	6	64.942	6.486
195700	472600	8.593	8.45	0	12.74	12.71	6	64.935	6.486
195800	469400	9.696	9.655	0	13.35	13.34	6	68.752	6.873
195800	469500	9.7	9.655	0	13.35	13.34	6	68.754	6.873
195800	469600	9.704	9.655	0	13.36	13.35	6	68.757	6.873
195800	469700	9.709	9.656	0	13.36	13.35	6	68.759	6.873
195800	469800	9.712	9.655	0	13.36	13.35	6	68.761	6.873
195800	469900	9.714	9.655	0	13.36	13.35	6	68.762	6.873
195800	470000	8.698	8.637	0	13.05	13.04	6	67.423	6.739
195800	470100	8.7	8.637	0	13.05	13.04	6	67.424	6.739
195800	470200	8.701	8.636	0	13.05	13.04	6	67.424	6.739
195800	470300	8.704	8.637	0	13.05	13.04	6	67.425	6.739
195800	470400	8.707	8.637	0	13.05	13.04	6	67.426	6.739
195800	470500	8.712	8.637	0	13.05	13.03	6	67.429	6.739
195800	470600	8.719	8.637	0	13.05	13.03	6	67.432	6.739
195800	470700	8.729	8.636	0	13.05	13.03	6	67.437	6.739
195800	470800	8.746	8.637	0	13.06	13.04	6	67.445	6.739
195800	470900	8.771	8.637	0	13.06	13.03	6	67.458	6.739
195800	471000	8.961	8.788	0	13.04	13	6	66.718	6.663

195800	471100	9.022	8.788	0 13.05	13	6	66.751	6.663
195800	471200	9.163	8.789	0 13.09	13.01	6	66.828	6.663
195800	471300	9.912	8.789	0 13.25	13	6	67.243	6.663
195800	471400	9.649	8.789	0 13.21	13	6	6.714	6.663
195800	471500	9.198	8.788	0 13.1	13	6	66.869	6.663
195800	471600	9.073	8.788	0 13.07	13	6	66.794	6.663
195800	471700	9.014	8.789	0 13.06	13.01	6	66.758	6.663
195800	471800	8.98	8.789	0 13.05	13.01	6	66.738	6.663
195800	471900	8.959	8.789	0 13.04	13	6	66.726	6.663
195800	472000	8.607	8.45	0 12.75	12.71	6	64.947	6.486
195800	472100	8.597	8.45	0 12.75	12.72	6	64.941	6.486
195800	472200	8.59	8.45	0 12.75	12.72	6	64.937	6.486
195800	472300	8.585	8.45	0 12.74	12.71	6	64.933	6.486
195800	472400	8.579	8.45	0 12.74	12.71	6	6.493	6.486
195800	472500	8.573	8.45	0 12.74	12.71	6	64.926	6.486
195800	472600	8.562	8.45	0 12.74	12.72	6	6.492	6.486
195900	469400	9.692	9.655	0 13.35	13.34	6	6.875	6.873
195900	469500	9.696	9.656	0 13.35	13.34	6	68.752	6.873
195900	469600	9.699	9.655	0 13.35	13.34	6	68.754	6.873
195900	469700	9.703	9.656	0 13.36	13.35	6	68.755	6.873
195900	469800	9.705	9.655	0 13.36	13.35	6	68.757	6.873
195900	469900	9.708	9.655	0 13.36	13.35	6	68.758	6.873
195900	470000	8.692	8.637	0 13.05	13.04	6	67.419	6.739
195900	470100	8.694	8.637	0 13.05	13.04	6	6.742	6.739
195900	470200	8.696	8.636	0 13.05	13.04	6	67.421	6.739
195900	470300	8.699	8.636	0 13.05	13.04	6	67.422	6.739
195900	470400	8.703	8.637	0 13.05	13.04	6	67.424	6.739
195900	470500	8.708	8.637	0 13.05	13.04	6	67.426	6.739
195900	470600	8.715	8.636	0 13.05	13.03	6	6.743	6.739
195900	470700	8.726	8.636	0 13.05	13.03	6	67.435	6.739
195900	470800	8.744	8.637	0 13.06	13.04	6	67.444	6.739
195900	470900	8.776	8.637	0 13.06	13.03	6	6.746	6.739
195900	471000	8.985	8.789	0 13.05	13.01	6	6.673	6.663
195900	471100	9.098	8.789	0 13.07	13	6	66.791	6.663
195900	471200	9.587	8.789	0 13.18	13.01	6	67.052	6.663
195900	471300	9.855	8.788	0 13.26	13.01	6	67.249	6.663
195900	471400	9.225	8.789	0 13.11	13.01	6	66.883	6.663
195900	471500	9.081	8.789	0 13.07	13	6	66.798	6.663
195900	471600	9.014	8.788	0 13.06	13.01	6	66.759	6.663
195900	471700	8.977	8.789	0 13.05	13.01	6	66.737	6.663
195900	471800	8.952	8.788	0 13.04	13	6	66.722	6.663
195900	471900	8.935	8.788	0 13.04	13.01	6	66.712	6.663
195900	472000	8.585	8.45	0 12.75	12.72	6	64.935	6.486
195900	472100	8.576	8.45	0 12.74	12.71	6	6.493	6.486
195900	472200	8.57	8.45	0 12.74	12.71	6	64.926	6.486
195900	472300	8.564	8.45	0 12.74	12.71	6	64.922	6.486
195900	472400	8.558	8.45	0 12.74	12.72	6	64.919	6.486
195900	472500	8.552	8.45	0 12.74	12.72	6	64.915	6.486
196000	469900	9.284	9.236	0 13.18	13.17	6	67.665	6.764
196000	470000	8.886	8.835	0 13.15	13.14	6	67.737	6.771
196000	470100	8.889	8.836	0 13.15	13.14	6	67.738	6.771
196000	470200	8.891	8.836	0 13.15	13.14	6	67.739	6.771
196000	470300	8.894	8.836	0 13.15	13.14	6	6.774	6.771
196000	470400	8.898	8.836	0 13.15	13.14	6	67.742	6.771
196000	470500	8.903	8.835	0 13.15	13.14	6	67.745	6.771
196000	470600	8.911	8.836	0 13.15	13.13	6	67.748	6.771
196000	470700	8.922	8.836	0 13.15	13.13	6	67.754	6.771
196000	470800	8.941	8.836	0 13.16	13.14	6	67.763	6.771
196000	470900	8.979	8.835	0 13.16	13.13	6	67.782	6.771
196000	471000	8.501	8.256	0 12.96	12.91	6	66.615	6.649
196000	471100	8.845	8.256	0 13.03	12.91	6	66.797	6.649
196000	471200	9.679	8.256	0 13.24	12.91	6	67.303	6.649
196000	471300	8.709	8.255	0 13.01	12.91	6	66.747	6.649
196000	471400	8.549	8.256	0 12.97	12.9	6	66.656	6.649
196000	471500	8.479	8.256	0 12.96	12.91	6	66.616	6.649
196000	471600	8.439	8.256	0 12.95	12.91	6	66.593	6.649
196000	471700	8.414	8.256	0 12.94	12.9	6	66.578	6.649
196000	471800	8.397	8.256	0 12.94	12.91	6	66.569	6.649
196000	471900	8.384	8.256	0 12.93	12.9	6	66.561	6.649
196000	472000	7.953	7.834	0 12.81	12.78	6	66.015	6.595
196000	472100	7.945	7.834	0 12.81	12.79	6	66.011	6.595
196000	472200	7.939	7.834	0 12.81	12.79	6	66.007	6.595
196000	472300	7.933	7.834	0 12.81	12.79	6	66.004	6.595
196000	472400	7.928	7.834	0 12.81	12.79	6	66.001	6.595
196000	472500	7.922	7.834	0 12.8	12.78	6	65.998	6.595
196100	470600	8.907	8.836	0 13.15	13.14	6	67.746	6.771
196100	470700	8.918	8.836	0 13.15	13.13	6	67.752	6.771
196100	470800	8.937	8.835	0 13.16	13.14	6	67.761	6.771
196100	470900	8.98	8.836	0 13.16	13.13	6	67.783	6.771

196100	471000	8.606	8.256	0 12.98	12.91	6	66.664	6.649
196100	471100	10.296	8.256	0 13.38	12.91	6	6.765	6.649
196100	471200	8.719	8.255	0 13.01	12.9	6	66.749	6.649
196100	471300	8.54	8.256	0 12.97	12.91	6	66.648	6.649
196100	471400	8.471	8.256	0 12.95	12.9	6	6.661	6.649
196100	471500	8.433	8.256	0 12.94	12.9	6	66.588	6.649
196100	471600	8.407	8.255	0 12.94	12.91	6	66.574	6.649
196100	471700	8.39	8.256	0 12.94	12.91	6	66.564	6.649
196100	471800	8.377	8.256	0 12.93	12.9	6	66.557	6.649
196100	471900	8.368	8.256	0 12.93	12.91	6	66.552	6.649
196100	472000	7.938	7.834	0 12.81	12.79	6	66.007	6.595
196100	472100	7.932	7.834	0 12.81	12.79	6	66.004	6.595
196100	472200	7.926	7.834	0 12.81	12.79	6	66.001	6.595
196100	472300	7.921	7.834	0 12.8	12.78	6	65.998	6.595
196100	472400	7.916	7.834	0 12.8	12.78	6	65.995	6.595
196100	472500	7.912	7.834	0 12.8	12.78	6	65.992	6.595
196200	471300	8.452	8.256	0 12.95	12.91	6	66.597	6.649
196200	471400	8.419	8.256	0 12.94	12.9	6	66.579	6.649
196200	471500	8.398	8.256	0 12.94	12.91	6	66.568	6.649
196200	471600	8.383	8.256	0 12.93	12.9	6	6.656	6.649
196200	471700	8.371	8.256	0 12.93	12.9	6	66.553	6.649
196200	471800	8.361	8.256	0 12.93	12.91	6	66.548	6.649
196200	471900	8.354	8.256	0 12.93	12.91	6	66.544	6.649
196200	472000	7.926	7.834	0 12.81	12.79	6 6.6		6.595
196200	472100	7.921	7.834	0 12.8	12.78	6	65.998	6.595
196200	472200	7.916	7.834	0 12.8	12.78	6	65.995	6.595
196200	472300	7.912	7.834	0 12.8	12.78	6	65.993	6.595
196200	472400	7.908	7.834	0 12.8	12.78	6	6.599	6.595
196200	472500	7.904	7.834	0 12.8	12.78	6	65.988	6.595
196300	472000	7.916	7.834	0 12.8	12.78	6	65.995	6.595
196300	472100	7.912	7.834	0 12.8	12.78	6	65.992	6.595
196300	472200	7.908	7.834	0 12.8	12.78	6	6.599	6.595
196300	472300	7.904	7.834	0 12.8	12.78	6	65.988	6.595
196300	472400	7.901	7.834	0 12.8	12.79	6	65.986	6.595
196300	472500	7.897	7.834	0 12.8	12.79	6	65.985	6.595
194700	470675	8.261	8.146	0 12.9	12.87	6	66.354	6.629
194700	470700	8.264	8.146	0 12.9	12.87	6	66.355	6.629
194700	470725	8.266	8.145	0 12.9	12.87	6	66.357	6.629
194700	470750	8.27	8.146	0 12.9	12.87	6	66.358	6.629
194700	470775	8.273	8.146	0 12.9	12.87	6	6.636	6.629
194700	470800	8.277	8.145	0 12.9	12.87	6	66.362	6.629
194700	470825	8.282	8.146	0 12.91	12.88	6	66.364	6.629
194700	470850	8.287	8.146	0 12.91	12.88	6	66.367	6.629
194725	470675	8.267	8.146	0 12.9	12.87	6	66.357	6.629
194725	470700	8.269	8.146	0 12.9	12.87	6	66.359	6.629
194725	470725	8.272	8.146	0 12.9	12.87	6	6.636	6.629
194725	470750	8.275	8.146	0 12.9	12.87	6	66.361	6.629
194725	470775	8.278	8.146	0 12.9	12.87	6	66.362	6.629
194725	470800	8.282	8.146	0 12.91	12.88	6	66.364	6.629
194725	470825	8.286	8.146	0 12.91	12.88	6	66.366	6.629
194725	470850	8.291	8.146	0 12.91	12.88	6	66.368	6.629
194725	470875	8.296	8.146	0 12.91	12.88	6	66.371	6.629
194725	470900	8.302	8.146	0 12.91	12.88	6	66.374	6.629
194725	470925	8.31	8.146	0 12.91	12.88	6	66.377	6.629
194725	470950	8.32	8.146	0 12.91	12.87	6	66.382	6.629
194725	470975	8.331	8.146	0 12.91	12.87	6	66.387	6.629
194725	471000	7.993	7.792	0 12.89	12.85	6	66.275	6.617
194725	471025	8.012	7.792	0 12.89	12.84	6	66.285	6.617
194725	471050	8.038	7.792	0 12.9	12.85	6	66.299	6.617
194725	471075	8.084	7.792	0 12.91	12.85	6	66.326	6.617
194750	470675	8.275	8.146	0 12.9	12.87	6	66.362	6.629
194750	470700	8.277	8.146	0 12.9	12.87	6	66.363	6.629
194750	470725	8.279	8.146	0 12.91	12.88	6	66.364	6.629
194750	470750	8.282	8.146	0 12.91	12.88	6	66.365	6.629
194750	470775	8.285	8.146	0 12.91	12.88	6	66.366	6.629
194750	470800	8.288	8.146	0 12.91	12.88	6	66.368	6.629
194750	470825	8.292	8.146	0 12.91	12.88	6	66.369	6.629
194750	470850	8.296	8.146	0 12.91	12.88	6	66.371	6.629
194750	470875	8.301	8.146	0 12.91	12.88	6	66.374	6.629
194750	470900	8.307	8.146	0 12.91	12.88	6	66.376	6.629
194750	470925	8.314	8.146	0 12.91	12.87	6	66.379	6.629
194750	470950	8.323	8.146	0 12.91	12.87	6	66.383	6.629
194750	470975	8.335	8.146	0 12.91	12.87	6	66.389	6.629
194750	471000	7.996	7.792	0 12.89	12.85	6	66.276	6.617
194750	471025	8.015	7.792	0 12.89	12.84	6	66.286	6.617
194750	471050	8.044	7.792	0 12.9	12.85	6	66.301	6.617
194750	471075	8.095	7.792	0 12.91	12.85	6	66.331	6.617
194750	471100	8.273	7.793	0 12.95	12.84	6	6.644	6.617
194750	471125	8.278	7.792	0 12.96	12.84	6	6.647	6.617

194750	471150	8.119	7.792	0 12.92	12.85	6	66.351	6.617
194750	471175	8.079	7.792	0 12.9	12.84	6	66.319	6.617
194750	471200	8.064	7.792	0 12.9	12.85	6	66.306	6.617
194750	471225	8.057	7.792	0 12.9	12.85	6	66.301	6.617
194750	471250	8.052	7.792	0 12.9	12.85	6	66.298	6.617
194750	471275	8.05	7.792	0 12.9	12.85	6	66.298	6.617
194750	471300	8.051	7.792	0 12.9	12.85	6 6.63		6.617
194750	471325	8.054	7.792	0 12.9	12.85	6	66.303	6.617
194775	470675	8.287	8.146	0 12.91	12.88	6	6.637	6.629
194775	470700	8.289	8.146	0 12.91	12.88	6	6.637	6.629
194775	470725	8.291	8.146	0 12.91	12.88	6	66.371	6.629
194775	470750	8.293	8.146	0 12.91	12.88	6	66.372	6.629
194775	470775	8.296	8.146	0 12.91	12.88	6	66.373	6.629
194775	470800	8.299	8.146	0 12.91	12.88	6	66.374	6.629
194775	470825	8.301	8.146	0 12.91	12.88	6	66.375	6.629
194775	470850	8.305	8.146	0 12.91	12.88	6	66.377	6.629
194775	470875	8.309	8.146	0 12.91	12.87	6	66.378	6.629
194775	470900	8.315	8.146	0 12.91	12.87	6	66.381	6.629
194775	470925	8.322	8.146	0 12.91	12.87	6	66.384	6.629
194775	470950	8.33	8.146	0 12.91	12.87	6	66.387	6.629
194775	470975	8.341	8.146	0 12.92	12.88	6	66.392	6.629
194775	471000	8.003	7.792	0 12.89	12.85	6	66.279	6.617
194775	471025	8.024	7.793	0 12.89	12.84	6	6.629	6.617
194775	471050	8.054	7.792	0 12.9	12.85	6	66.306	6.617
194775	471075	8.113	7.792	0 12.91	12.84	6	6.634	6.617
194775	471100	8.348	7.792	0 12.97	12.85	6	66.485	6.617
194775	471125	8.254	7.793	0 12.96	12.85	6	66.447	6.617
194775	471150	8.13	7.792	0 12.92	12.85	6	66.353	6.617
194775	471175	8.098	7.793	0 12.91	12.85	6	66.325	6.617
194775	471200	8.085	7.792	0 12.9	12.84	6	66.313	6.617
194775	471225	8.078	7.792	0 12.9	12.85	6	66.308	6.617
194775	471250	8.074	7.792	0 12.9	12.85	6	66.306	6.617
194775	471275	8.071	7.792	0 12.9	12.85	6	66.306	6.617
194775	471300	8.071	7.792	0 12.9	12.85	6	66.307	6.617
194775	471325	8.073	7.792	0 12.9	12.84	6	6.631	6.617
194775	471350	8.078	7.792	0 12.9	12.84	6	66.314	6.617
194775	471375	8.085	7.792	0 12.91	12.85	6	66.319	6.617
194775	471400	8.095	7.792	0 12.91	12.85	6	66.326	66.171
194775	471425	8.107	7.792	0 12.91	12.84	6	66.333	6.617
194775	471450	8.121	7.792	0 12.92	12.85	6	66.343	6.617
194775	471475	8.14	7.792	0 12.92	12.84	6	66.356	6.617
194775	471500	8.165	7.792	0 12.93	12.85	6	66.373	6.617
194775	471525	8.202	7.792	0 12.94	12.85	6	66.398	6.617
194775	471550	8.261	7.792	0 12.95	12.84	6	66.436	6.617
194800	470675	8.308	8.146	0 12.91	12.87	6	66.382	6.629
194800	470700	8.309	8.146	0 12.91	12.87	6	66.382	6.629
194800	470725	8.311	8.146	0 12.91	12.87	6	66.382	6.629
194800	470750	8.312	8.146	0 12.91	12.87	6	66.383	6.629
194800	470775	8.314	8.146	0 12.91	12.87	6	66.384	6.629
194800	470800	8.316	8.146	0 12.91	12.87	6	66.384	6.629
194800	470825	8.317	8.146	0 12.91	12.87	6	66.385	6.629
194800	470850	8.319	8.145	0 12.91	12.87	6	66.385	6.629
194800	470875	8.323	8.146	0 12.91	12.87	6	66.387	6.629
194800	470900	8.327	8.146	0 12.91	12.87	6	66.388	6.629
194800	470925	8.333	8.146	0 12.92	12.88	6	6.639	6.629
194800	470950	8.341	8.146	0 12.92	12.88	6	66.394	6.629
194800	470975	8.352	8.146	0 12.92	12.88	6	66.398	6.629
194800	471000	8.013	7.792	0 12.89	12.84	6	66.285	6.617
194800	471025	8.035	7.792	0 12.9	12.85	6	66.296	6.617
194800	471050	8.069	7.792	0 12.9	12.84	6	66.314	6.617
194800	471075	8.137	7.792	0 12.92	12.85	6	66.354	6.617
194800	471100	8.453	7.792	0 13	12.85	6	66.549	6.617
194800	471125	8.243	7.792	0 12.95	12.85	6	66.434	6.617
194800	471150	8.145	7.792	0 12.92	12.85	6	66.357	6.617
194800	471175	8.12	7.792	0 12.91	12.85	6	66.333	6.617
194800	471200	8.111	7.792	0 12.91	12.85	6	66.322	6.617
194800	471225	8.106	7.792	0 12.9	12.84	6	66.317	6.617
194800	471250	8.101	7.792	0 12.9	12.84	6	66.315	6.617
194800	471275	8.097	7.792	0 12.9	12.84	6	66.315	6.617
194800	471300	8.096	7.793	0 12.9	12.84	6	66.317	6.617
194800	471325	8.097	7.792	0 12.91	12.85	6	6.632	6.617
194800	471350	8.101	7.792	0 12.91	12.85	6	66.324	6.617
194800	471375	8.109	7.793	0 12.91	12.85	6	66.329	6.617
194800	471400	8.118	7.792	0 12.91	12.84	6	66.335	6.617
194800	471425	8.129	7.792	0 12.91	12.84	6	66.342	6.617
194800	471450	8.142	7.792	0 12.92	12.85	6	66.352	6.617
194800	471475	8.159	7.792	0 12.92	12.84	6	66.364	6.617
194800	471500	8.184	7.792	0 12.93	12.84	6	66.381	6.617
194800	471525	8.22	7.792	0 12.94	12.84	6	66.406	6.617

194800	471550	8.277	7.793	0	12.96	12.85	6	66.443	6.617
194800	471575	8.377	7.792	0	12.98	12.84	6	66.507	6.617
194800	471600	8.595	7.793	0	13.04	12.85	6	66.644	6.617
194800	471625	9.372	7.792	0	13.24	12.85	6	67.132	6.617
194800	471650	9.601	7.793	0	13.37	12.85	6	67.439	6.617
194825	470675	8.35	8.146	0	12.92	12.87	6	66.407	6.629
194825	470700	8.35	8.146	0	12.92	12.87	6	66.406	6.629
194825	470725	8.349	8.146	0	12.92	12.87	6	66.405	6.629
194825	470750	8.349	8.146	0	12.92	12.87	6	66.405	6.629
194825	470775	8.349	8.146	0	12.92	12.87	6	66.404	6.629
194825	470800	8.349	8.146	0	12.92	12.87	6	66.404	6.629
194825	470825	8.348	8.146	0	12.92	12.88	6	66.403	6.629
194825	470850	8.346	8.146	0	12.92	12.88	6	66.402	6.629
194825	470875	8.347	8.146	0	12.92	12.88	6	66.401	6.629
194825	470900	8.348	8.145	0	12.92	12.88	6	66.402	6.629
194825	470925	8.353	8.146	0	12.92	12.87	6	66.403	6.629
194825	470950	8.359	8.146	0	12.92	12.87	6	66.405	6.629
194825	470975	8.369	8.146	0	12.92	12.87	6	66.409	6.629
194825	471000	8.03	7.792	0	12.9	12.85	6	66.295	6.617
194825	471025	8.052	7.792	0	12.9	12.85	6	66.306	6.617
194825	471050	8.089	7.792	0	12.91	12.85	6	66.326	6.617
194825	471075	8.169	7.793	0	12.93	12.85	6	66.371	6.617
194825	471100	8.606	7.793	0	13.03	12.84	6	66.646	6.617
194825	471125	8.245	7.792	0	12.95	12.85	6	66.643	6.617
194825	471150	8.168	7.792	0	12.92	12.84	6	66.366	6.617
194825	471175	8.149	7.792	0	12.91	12.84	6	66.345	6.617
194825	471200	8.144	7.792	0	12.91	12.84	6	66.336	6.617
194825	471225	8.142	7.792	0	12.91	12.85	6	66.331	6.617
194825	471250	8.137	7.792	0	12.91	12.85	6	66.329	6.617
194825	471275	8.131	7.792	0	12.91	12.85	6	66.328	6.617
194825	471300	8.128	7.792	0	12.91	12.85	6	66.33	6.617
194825	471325	8.127	7.792	0	12.91	12.85	6	66.332	6.617
194825	471350	8.131	7.792	0	12.91	12.84	6	66.336	6.617
194825	471375	8.138	7.792	0	12.91	12.84	6	66.341	6.617
194825	471400	8.147	7.792	0	12.92	12.85	6	66.347	6.617
194825	471425	8.157	7.792	0	12.92	12.85	6	66.354	6.617
194825	471450	8.169	7.792	0	12.92	12.84	6	66.364	6.617
194825	471475	8.186	7.792	0	12.93	12.85	6	66.376	6.617
194825	471500	8.209	7.792	0	12.94	12.85	6	66.392	6.617
194825	471525	8.244	7.792	0	12.95	12.85	6	66.417	6.617
194825	471550	8.3	7.792	0	12.96	12.84	6	66.454	6.617
194825	471575	8.4	7.792	0	12.99	12.85	6	66.519	6.617
194825	471600	8.629	7.792	0	13.05	12.85	6	66.664	6.617
194825	471625	9.543	7.793	0	13.29	12.85	6	67.24	6.617
194825	471650	9.439	7.792	0	13.32	12.85	6	67.322	6.617
194850	470675	8.484	8.146	0	12.95	12.87	6	66.486	6.629
194850	470700	8.473	8.146	0	12.95	12.88	6	66.478	6.629
194850	470725	8.463	8.146	0	12.95	12.88	6	66.472	6.629
194850	470750	8.455	8.146	0	12.95	12.88	6	66.467	6.629
194850	470775	8.447	8.146	0	12.94	12.87	6	66.462	6.629
194850	470800	8.439	8.146	0	12.94	12.87	6	66.457	6.629
194850	470825	8.425	8.146	0	12.94	12.88	6	66.449	6.629
194850	470850	8.409	8.146	0	12.94	12.88	6	66.44	6.629
194850	470875	8.398	8.146	0	12.93	12.87	6	66.434	6.629
194850	470900	8.393	8.146	0	12.93	12.87	6	66.43	6.629
194850	470925	8.392	8.146	0	12.93	12.87	6	66.428	6.629
194850	470950	8.394	8.146	0	12.93	12.87	6	66.428	6.629
194850	470975	8.401	8.146	0	12.93	12.87	6	66.429	6.629
194850	471000	8.059	7.792	0	12.9	12.84	6	66.314	6.617
194850	471025	8.08	7.792	0	12.91	12.85	6	66.323	6.617
194850	471050	8.119	7.792	0	12.91	12.84	6	66.343	6.617
194850	471075	8.212	7.792	0	12.94	12.85	6	66.397	6.617
194850	471100	-200	-200	0	-200	-200	-200	-200	-200
194850	471125	8.264	7.792	0	12.95	12.84	6	66.438	6.617
194850	471150	8.204	7.792	0	12.93	12.85	6	66.384	6.617
194850	471175	8.192	7.792	0	12.92	12.84	6	66.366	6.617
194850	471200	8.191	7.792	0	12.92	12.85	6	66.357	6.617
194850	471225	8.192	7.792	0	12.92	12.85	6	66.351	6.617
194850	471250	8.188	7.792	0	12.92	12.85	6	66.349	6.617
194850	471275	8.179	7.792	0	12.92	12.85	6	66.348	6.617
194850	471300	8.172	7.792	0	12.92	12.85	6	66.348	6.617
194850	471325	8.169	7.792	0	12.92	12.85	6	66.35	6.617
194850	471350	8.172	7.793	0	12.92	12.85	6	66.353	6.617
194850	471375	8.178	7.792	0	12.92	12.85	6	66.357	6.617
194850	471400	8.186	7.792	0	12.92	12.84	6	66.363	6.617
194850	471425	8.194	7.792	0	12.93	12.85	6	66.37	6.617
194850	471450	8.206	7.793	0	12.93	12.85	6	66.379	6.617
194850	471475	8.221	7.792	0	12.93	12.84	6	66.392	6.617
194850	471500	8.243	7.792	0	12.94	12.84	6	66.408	6.617

194850	471525	8.275	7.792	0	12.95	12.84	6	66.431	6.617
194850	471550	8.329	7.792	0	12.97	12.85	6	66.469	6.617
194850	471575	8.433	7.792	0	13	12.85	6	66.537	6.617
194850	471600	8.679	7.792	0	13.06	12.85	6	66.693	6.617
194850	471625	9.78	7.792	0	13.35	12.85	6	67.391	6.617
194875	470650	8.759	8.146	0	13.01	12.88	6	66.626	6.629
194875	470675	8.808	8.146	0	13.02	12.88	6	66.653	6.629
194875	470700	8.866	8.146	0	13.03	12.88	6	66.685	6.629
194875	470725	8.934	8.146	0	13.05	12.88	6	66.722	6.629
194875	470750	9.012	8.146	0	13.06	12.87	6	66.766	6.629
194875	470775	9.095	8.146	0	13.08	12.87	6	66.814	6.629
194875	470800	-200	-200	0	-200	-200	-200	-200	-200
194875	470825	-200	-200	0	-200	-200	-200	-200	-200
194875	470850	8.738	8.146	0	13.01	12.87	6	66.636	6.629
194875	470875	8.606	8.146	0	12.99	12.88	6	66.568	6.629
194875	470900	8.55	8.146	0	12.97	12.87	6	66.533	6.629
194875	470925	8.516	8.146	0	12.96	12.87	6	6.651	6.629
194875	470950	8.496	8.146	0	12.96	12.88	6	66.494	6.629
194875	470975	8.486	8.146	0	12.95	12.87	6	66.485	6.629
194875	471000	8.132	7.792	0	12.92	12.84	6	66.361	6.617
194875	471025	8.143	7.792	0	12.92	12.84	6	66.364	6.617
194875	471050	8.177	7.792	0	12.93	12.85	6	6.638	6.617
194875	471075	8.285	7.792	0	12.95	12.84	6	66.441	6.617
194875	471100	8.707	7.792	0	13.08	12.85	6	66.747	6.617
194875	471125	8.322	7.792	0	12.97	12.85	6	6.647	6.617
194875	471150	8.274	7.792	0	12.95	12.85	6	66.424	6.617
194875	471175	8.265	7.792	0	12.94	12.85	6	66.406	6.617
194875	471200	8.267	7.792	0	12.93	12.84	6	66.395	6.617
194875	471225	8.271	7.792	0	12.93	12.84	6	66.388	6.617
194875	471250	8.268	7.793	0	12.93	12.85	6	66.383	6.617
194875	471275	8.254	7.792	0	12.93	12.85	6	6.638	6.617
194875	471300	8.241	7.792	0	12.93	12.85	6	66.379	6.617
194875	471325	8.233	7.792	0	12.93	12.85	6	66.379	6.617
194875	471350	8.233	7.792	0	12.93	12.85	6	66.381	6.617
194875	471375	8.237	7.792	0	12.93	12.85	6	66.383	6.617
194875	471400	8.241	7.792	0	12.93	12.84	6	66.387	6.617
194875	471425	8.246	7.792	0	12.93	12.84	6	66.393	6.617
194875	471450	8.255	7.792	0	12.94	12.85	6	66.401	6.617
194875	471475	8.268	7.792	0	12.94	12.84	6	66.413	6.617
194875	471500	8.286	7.792	0	12.95	12.85	6	66.429	6.617
194875	471525	8.316	7.792	0	12.96	12.85	6	66.452	6.617
194875	471550	8.371	7.792	0	12.98	12.85	6	66.491	6.617
194875	471575	8.478	7.792	0	13	12.84	6	66.561	6.617
194875	471600	8.745	7.792	0	13.07	12.84	6	66.731	6.617
194875	471625	10.098	7.792	0	13.43	12.85	6	67.593	6.617
194900	470650	8.433	8.146	0	12.94	12.88	6	66.447	6.629
194900	470675	8.442	8.146	0	12.94	12.88	6	66.451	6.629
194900	470700	8.452	8.146	0	12.94	12.87	6	66.456	6.629
194900	470725	8.463	8.146	0	12.94	12.87	6	66.462	6.629
194900	470750	8.475	8.146	0	12.95	12.88	6	66.468	6.629
194900	470775	8.488	8.146	0	12.95	12.88	6	66.474	6.629
194900	470800	8.505	8.146	0	12.95	12.87	6	66.483	6.629
194900	470825	8.534	8.146	0	12.96	12.88	6	66.498	6.629
194900	470850	8.577	8.146	0	12.97	12.88	6	66.524	6.629
194900	470875	8.616	8.146	0	12.98	12.87	6	66.555	6.629
194900	470900	8.677	8.146	0	13	12.88	6	66.595	6.629
194900	470925	8.767	8.146	0	13.02	12.87	6	6.665	6.629
194900	470950	8.899	8.146	0	13.06	12.88	6	66.731	6.629
194900	470975	-200	-200	0	-200	-200	-200	-200	-200
194900	471000	-200	-200	0	-200	-200	-200	-200	-200
194900	471025	8.502	7.792	0	13.02	12.85	6	66.598	6.617
194900	471050	8.429	7.792	0	13	12.85	6	66.544	6.617
194900	471075	8.488	7.792	0	13.01	12.85	6	66.569	6.617
194900	471100	8.828	7.792	0	13.1	12.84	6	66.812	6.617
194900	471125	8.548	7.792	0	13.02	12.84	6	66.611	6.617
194900	471150	8.477	7.792	0	13	12.85	6	66.552	6.617
194900	471175	8.444	7.792	0	12.98	12.84	6	66.517	6.617
194900	471200	8.43	7.792	0	12.97	12.84	6	66.491	6.617
194900	471225	8.425	7.793	0	12.97	12.85	6	66.472	6.617
194900	471250	8.415	7.792	0	12.96	12.85	6	66.457	6.617
194900	471275	8.39	7.792	0	12.96	12.85	6	66.446	6.617
194900	471300	8.363	7.792	0	12.95	12.84	6	66.439	6.617
194900	471325	8.344	7.792	0	12.95	12.85	6	66.434	6.617
194900	471350	8.338	7.792	0	12.95	12.85	6	66.431	6.617
194900	471375	8.335	7.792	0	12.95	12.85	6	66.429	6.617
194900	471400	8.329	7.792	0	12.95	12.85	6	66.429	6.617
194900	471425	8.327	7.792	0	12.95	12.85	6	66.431	6.617
194900	471450	8.328	7.792	0	12.95	12.84	6	66.436	6.617
194900	471475	8.335	7.792	0	12.96	12.85	6	66.446	6.617

194900	471500	8.349	7.793	0	12.96	12.84	6	6.646	6.617
194900	471525	8.376	7.793	0	12.97	12.84	6	66.483	6.617
194900	471550	8.428	7.792	0	12.99	12.85	6	6.652	6.617
194900	471575	8.54	7.792	0	13.02	12.85	6	66.594	6.617
194900	471600	8.834	7.792	0	13.09	12.84	6	6.678	6.617
194900	471625	10.536	7.792	0	13.54	12.84	6	67.872	6.617
194925	470650	8.356	8.146	0	12.92	12.87	6	66.404	6.629
194925	470675	8.361	8.146	0	12.92	12.87	6	66.407	6.629
194925	470700	8.366	8.146	0	12.92	12.87	6	66.409	6.629
194925	470725	8.372	8.146	0	12.92	12.87	6	66.412	6.629
194925	470750	8.378	8.146	0	12.92	12.87	6	66.414	6.629
194925	470775	8.385	8.146	0	12.93	12.88	6	66.418	6.629
194925	470800	8.394	8.146	0	12.93	12.88	6	66.422	6.629
194925	470825	8.405	8.146	0	12.93	12.88	6	66.428	6.629
194925	470850	8.417	8.146	0	12.93	12.87	6	66.435	6.629
194925	470875	8.431	8.146	0	12.94	12.88	6	66.444	6.629
194925	470900	8.447	8.146	0	12.94	12.87	6	66.453	6.629
194925	470925	8.468	8.146	0	12.95	12.88	6	66.465	6.629
194925	470950	8.493	8.146	0	12.95	12.87	6	66.479	6.629
194925	470975	8.525	8.146	0	12.96	12.88	6	66.496	6.629
194925	471000	8.212	7.792	0	12.94	12.85	6	66.397	6.617
194925	471025	8.266	7.792	0	12.95	12.85	6	66.426	6.617
194925	471050	8.344	7.792	0	12.97	12.85	6	66.469	6.617
194925	471075	8.492	7.792	0	13	12.85	6	66.551	6.617
194925	471100	8.893	7.792	0	13.09	12.84	6	66.782	6.617
194925	471125	9.237	7.792	0	13.18	12.85	6	66.992	6.617
194925	471150	9.661	7.792	0	13.29	12.85	6	67.253	6.617
194925	471175	-200	-200	0	-200	-200	-200	-200	-200
194925	471200	9.331	7.792	0	13.21	12.84	6	67.071	6.617
194925	471225	9.049	7.792	0	13.13	12.85	6	66.862	6.617
194925	471250	8.892	7.793	0	13.07	12.84	6	66.739	6.617
194925	471275	8.773	7.792	0	13.04	12.84	6	66.661	6.617
194925	471300	8.684	7.792	0	13.02	12.84	6	66.614	6.617
194925	471325	8.621	7.792	0	13.01	12.85	6	6.658	6.617
194925	471350	8.577	7.792	0	13	12.85	6	66.553	6.617
194925	471375	8.539	7.793	0	12.99	12.85	6	66.533	6.617
194925	471400	8.503	7.792	0	12.98	12.84	6	66.516	6.617
194925	471425	8.475	7.793	0	12.98	12.85	6	66.506	6.617
194925	471450	8.455	7.792	0	12.98	12.85	6	66.501	6.617
194925	471475	8.446	7.792	0	12.98	12.85	6	66.503	6.617
194925	471500	8.449	7.792	0	12.98	12.84	6	66.513	6.617
194925	471525	8.469	7.792	0	12.99	12.84	6	66.531	6.617
194925	471550	8.519	7.792	0	13.01	12.85	6	66.568	6.617
194925	471575	8.632	7.792	0	13.04	12.85	6	66.644	6.617
194925	471600	8.963	7.792	0	13.12	12.84	6	66.853	6.617
194925	471625	-200	-200	0	-200	-200	-200	-200	-200
194950	470650	8.322	8.146	0	12.91	12.87	6	66.386	6.629
194950	470675	8.326	8.146	0	12.91	12.87	6	66.387	6.629
194950	470700	8.33	8.146	0	12.91	12.87	6	66.389	6.629
194950	470725	8.334	8.146	0	12.92	12.88	6	66.391	6.629
194950	470750	8.339	8.146	0	12.92	12.88	6	66.393	6.629
194950	470775	8.344	8.146	0	12.92	12.88	6	66.395	6.629
194950	470800	8.35	8.145	0	12.92	12.88	6	66.398	6.629
194950	470825	8.358	8.146	0	12.92	12.88	6	66.401	6.629
194950	470850	8.366	8.146	0	12.92	12.87	6	66.406	6.629
194950	470875	8.375	8.146	0	12.92	12.87	6	66.411	6.629
194950	470900	8.386	8.146	0	12.93	12.88	6	66.416	6.629
194950	470925	8.399	8.146	0	12.93	12.88	6	66.422	6.629
194950	470950	8.414	8.146	0	12.93	12.87	6	6.643	6.629
194950	470975	8.433	8.146	0	12.94	12.88	6	66.439	6.629
194950	471000	8.104	7.793	0	12.91	12.85	6	6.633	6.617
194950	471025	8.134	7.792	0	12.92	12.85	6	66.345	6.617
194950	471050	8.177	7.792	0	12.92	12.84	6	66.365	6.617
194950	471075	8.242	7.792	0	12.94	12.85	6	66.398	6.617
194950	471100	8.335	7.792	0	12.96	12.85	6	66.446	6.617
194950	471125	8.428	7.792	0	12.97	12.84	6	66.493	6.617
194950	471150	8.514	7.792	0	12.99	12.84	6	66.534	6.617
194950	471175	8.615	7.792	0	13.01	12.85	6	66.581	6.617
194950	471200	8.738	7.792	0	13.03	12.84	6	66.635	6.617
194950	471225	8.896	7.793	0	13.06	12.85	6	66.701	6.617
194950	471250	9.093	7.792	0	13.09	12.84	6	66.787	6.617
194950	471275	9.313	7.792	0	13.14	12.84	6	66.907	6.617
194950	471300	9.631	7.792	0	13.22	12.84	6	67.101	6.617
194950	471325	-200	-200	0	-200	-200	-200	-200	-200
194950	471350	-200	-200	0	-200	-200	-200	-200	-200
194950	471375	9.461	7.792	0	13.2	12.84	6	67.051	6.617
194950	471400	9.103	7.792	0	13.12	12.85	6	66.849	6.617
194950	471425	8.897	7.792	0	13.07	12.84	6	66.739	6.617
194950	471450	8.773	7.792	0	13.05	12.85	6	66.677	6.617

194950	471475	8.705	7.792	0	13.04	12.85	6	66.644	6.617
194950	471500	8.665	7.792	0	13.03	12.85	6	66.629	6.617
194950	471525	8.653	7.792	0	13.03	12.84	6	6.663	6.617
194950	471550	8.683	7.793	0	13.04	12.84	6	66.657	6.617
194950	471575	8.787	7.792	0	13.07	12.84	6	66.729	6.617
194950	471600	9.157	7.792	0	13.17	12.85	6	66.964	6.617
194950	471625	-200	-200	0	-200	-200	-200	-200	-200
194975	470650	8.303	8.146	0	12.91	12.88	6	66.375	6.629
194975	470675	8.306	8.146	0	12.91	12.88	6	66.376	6.629
194975	470700	8.309	8.146	0	12.91	12.88	6	66.377	6.629
194975	470725	8.313	8.146	0	12.91	12.87	6	66.379	6.629
194975	470750	8.317	8.146	0	12.91	12.87	6	66.381	6.629
194975	470775	8.322	8.146	0	12.91	12.87	6	66.383	6.629
194975	470800	8.328	8.146	0	12.91	12.87	6	66.385	6.629
194975	470825	8.333	8.146	0	12.91	12.87	6	66.388	6.629
194975	470850	8.341	8.146	0	12.92	12.88	6	66.391	6.629
194975	470875	8.348	8.146	0	12.92	12.88	6	66.395	6.629
194975	470900	8.357	8.146	0	12.92	12.88	6	66.399	6.629
194975	470925	8.368	8.146	0	12.92	12.87	6	66.404	6.629
194975	470950	8.381	8.146	0	12.92	12.87	6	66.409	6.629
194975	470975	8.396	8.146	0	12.93	12.88	6	66.416	6.629
194975	471000	8.062	7.792	0	12.9	12.85	6	66.304	6.617
194975	471025	8.086	7.792	0	12.9	12.84	6	66.314	6.617
194975	471050	8.116	7.792	0	12.91	12.85	6	66.328	6.617
194975	471075	8.156	7.792	0	12.92	12.85	6	66.345	6.617
194975	471100	8.206	7.793	0	12.92	12.84	6	66.367	6.617
194975	471125	8.261	7.793	0	12.93	12.84	6	66.391	6.617
194975	471150	8.32	7.792	0	12.94	12.84	6	66.413	6.617
194975	471175	8.388	7.793	0	12.95	12.85	6	66.436	6.617
194975	471200	8.47	7.793	0	12.96	12.85	6	66.462	6.617
194975	471225	8.569	7.792	0	12.97	12.85	6	66.489	6.617
194975	471250	8.695	7.792	0	12.98	12.85	6	66.515	6.617
194975	471275	8.823	7.792	0	12.99	12.85	6	66.541	6.617
194975	471300	8.784	7.792	0	13	12.84	6	66.572	6.617
194975	471325	8.826	7.792	0	13.02	12.85	6	66.614	6.617
194975	471350	8.953	7.792	0	13.04	12.84	6	66.671	6.617
194975	471375	9.116	7.792	0	13.08	12.84	6	66.764	6.617
194975	471400	9.339	7.792	0	13.14	12.85	6	66.896	6.617
194975	471425	9.706	7.792	0	13.22	12.84	6	67.105	6.617
194975	471450	-200	-200	0	-200	-200	-200	-200	-200
194975	471475	-200	-200	0	-200	-200	-200	-200	-200
194975	471500	9.659	7.792	0	13.26	12.85	6	67.194	6.617
194975	471525	9.287	7.792	0	13.18	12.85	6	66.986	6.617
194975	471550	9.134	7.792	0	13.14	12.84	6	66.908	6.617
194975	471575	9.15	7.792	0	13.15	12.84	6	66.931	6.617
194975	471600	9.519	7.792	0	13.25	12.84	6	67.172	6.617
194975	471625	10.953	7.792	0	13.72	12.85	6	6.83	6.617
195000	470650	8.78	8.636	0	13.07	13.04	6	67.468	6.739
195000	470675	8.783	8.637	0	13.07	13.04	6	67.469	6.739
195000	470700	8.786	8.637	0	13.07	13.04	6	6.747	6.739
195000	470725	8.79	8.637	0	13.07	13.04	6	67.472	6.739
195000	470750	8.793	8.636	0	13.07	13.04	6	67.473	6.739
195000	470775	8.798	8.637	0	13.07	13.04	6	67.475	6.739
195000	470800	8.803	8.637	0	13.07	13.04	6	67.477	6.739
195000	470825	8.808	8.636	0	13.07	13.03	6	67.479	6.739
195000	470850	8.815	8.637	0	13.07	13.03	6	67.482	6.739
195000	470875	8.822	8.637	0	13.07	13.03	6	67.485	6.739
195000	470900	8.83	8.637	0	13.07	13.03	6	67.489	6.739
195000	470925	8.84	8.637	0	13.08	13.04	6	67.493	6.739
195000	470950	8.851	8.636	0	13.08	13.04	6	67.497	6.739
195000	470975	8.865	8.637	0	13.08	13.04	6	67.503	6.739
195000	471000	9.033	8.789	0	13.05	13	6	66.749	6.663
195000	471025	9.052	8.788	0	13.06	13.01	6	66.757	6.663
195000	471050	9.077	8.789	0	13.06	13.01	6	66.767	6.663
195000	471075	9.106	8.788	0	13.06	13	6	66.779	6.663
195000	471100	9.142	8.789	0	13.07	13.01	6	66.793	6.663
195000	471125	9.185	8.789	0	13.07	13	6	66.809	6.663
195000	471150	9.235	8.789	0	13.08	13	6	66.825	6.663
195000	471175	9.299	8.788	0	13.09	13.01	6	66.844	6.663
195000	471200	9.385	8.789	0	13.09	13	6	66.867	6.663
195000	471225	9.496	8.789	0	13.1	13	6	66.893	6.663
195000	471250	9.622	8.789	0	13.11	13.01	6	66.916	6.663
195000	471275	9.758	8.789	0	13.12	13.01	6	6.693	6.663
195000	471300	9.637	8.789	0	13.12	13	6	66.942	6.663
195000	471325	9.641	8.789	0	13.13	13.01	6	66.955	6.663
195000	471350	9.716	8.789	0	13.14	13.01	6	66.974	6.663
195000	471375	9.734	8.789	0	13.15	13.01	6	6.7	6.663
195000	471400	9.757	8.789	0	13.16	13	6	67.034	6.663
195000	471425	9.802	8.789	0	13.18	13	6	67.078	6.663

195000	471450	9.881	8.789	0	13.21	13.01	6	67.137	6.663
195000	471475	10.016	8.789	0	13.24	13	6	67.221	6.663
195000	471500	10.232	8.788	0	13.29	13	6	67.348	6.663
195000	471525	10.558	8.789	0	13.37	13	6	67.535	6.663
195000	471550	11.107	8.788	0	13.5	13.01	6	67.851	6.663
195000	471575	-200	-200	0	-200	-200	-200	-200	-200
195000	471600	-200	-200	0	-200	-200	-200	-200	-200
195000	471625	11.883	8.789	0	13.84	13.01	6	6.867	6.663
195025	470650	8.772	8.637	0	13.06	13.03	6	67.464	6.739
195025	470675	8.775	8.637	0	13.06	13.03	6	67.464	6.739
195025	470700	8.778	8.637	0	13.07	13.04	6	67.466	6.739
195025	470725	8.781	8.637	0	13.07	13.04	6	67.467	6.739
195025	470750	8.784	8.636	0	13.07	13.04	6	67.468	6.739
195025	470775	8.789	8.637	0	13.07	13.04	6	6.747	6.739
195025	470800	8.793	8.636	0	13.07	13.04	6	67.472	6.739
195025	470825	8.799	8.637	0	13.07	13.04	6	67.474	6.739
195025	470850	8.805	8.637	0	13.07	13.04	6	67.476	6.739
195025	470875	8.811	8.636	0	13.07	13.03	6	67.479	6.739
195025	470900	8.819	8.636	0	13.07	13.03	6	67.482	6.739
195025	470925	8.828	8.636	0	13.07	13.03	6	67.485	6.739
195025	470950	8.839	8.637	0	13.07	13.03	6	6.749	6.739
195025	470975	8.852	8.637	0	13.08	13.04	6	67.495	6.739
195025	471000	9.018	8.788	0	13.05	13.01	6	6.674	6.663
195025	471025	9.036	8.789	0	13.05	13	6	66.747	6.663
195025	471050	9.057	8.788	0	13.05	13	6	66.755	6.663
195025	471075	9.083	8.789	0	13.06	13.01	6	66.764	6.663
195025	471100	9.114	8.789	0	13.06	13	6	66.775	6.663
195025	471125	9.152	8.789	0	13.07	13.01	6	66.787	6.663
195025	471150	9.199	8.789	0	13.07	13	6	66.801	6.663
195025	471175	9.264	8.789	0	13.08	13.01	6	66.819	6.663
195025	471200	9.359	8.788	0	13.08	13	6	66.844	6.663
195025	471225	9.506	8.788	0	13.09	13	6	6.688	6.663
195025	471250	9.683	8.788	0	13.1	13	6	66.921	6.663
195025	471275	9.748	8.788	0	13.11	13	6	66.948	6.663
195025	471300	9.503	8.789	0	13.11	13	6	66.939	6.663
195025	471325	9.704	8.788	0	13.11	13	6	6.693	6.663
195025	471350	9.838	8.788	0	13.12	13.01	6	66.929	6.663
195025	471375	9.742	8.789	0	13.12	13	6	66.936	6.663
195025	471400	9.673	8.789	0	13.13	13.01	6	6.695	6.663
195025	471425	9.646	8.788	0	13.14	13.01	6	66.971	6.663
195025	471450	9.654	8.788	0	13.15	13	6	67.001	6.663
195025	471475	9.695	8.789	0	13.17	13.01	6	67.042	6.663
195025	471500	9.769	8.789	0	13.19	13	6	67.097	6.663
195025	471525	9.883	8.789	0	13.22	13	6	67.173	6.663
195025	471550	10.062	8.789	0	13.27	13.01	6	67.285	6.663
195025	471575	10.393	8.789	0	13.35	13	6	67.486	6.663
195025	471600	11.391	8.789	0	13.6	13.01	6	68.085	6.663
195025	471625	11.821	8.789	0	13.79	13	6	68.558	6.663
195050	470650	8.766	8.637	0	13.06	13.03	6	6.746	6.739
195050	470675	8.769	8.637	0	13.06	13.03	6	67.461	6.739
195050	470700	8.772	8.637	0	13.06	13.03	6	67.462	6.739
195050	470725	8.775	8.637	0	13.06	13.03	6	67.463	6.739
195050	470750	8.778	8.637	0	13.06	13.03	6	67.464	6.739
195050	470775	8.782	8.637	0	13.07	13.04	6	67.466	6.739
195050	470800	8.787	8.637	0	13.07	13.04	6	67.468	6.739
195050	470825	8.792	8.637	0	13.07	13.04	6	67.469	6.739
195050	470850	8.797	8.636	0	13.07	13.04	6	67.472	6.739
195050	470875	8.804	8.637	0	13.07	13.04	6	67.474	6.739
195050	470900	8.811	8.636	0	13.07	13.04	6	67.477	6.739
195050	470925	8.82	8.636	0	13.07	13.03	6	6.748	6.739
195050	470950	8.83	8.636	0	13.07	13.03	6	67.484	6.739
195050	470975	8.842	8.636	0	13.07	13.03	6	67.488	6.739
195050	471000	9.008	8.789	0	13.05	13.01	6	66.733	6.663
195050	471025	9.025	8.789	0	13.05	13.01	6	66.739	6.663
195050	471050	9.044	8.788	0	13.05	13	6	66.746	6.663
195050	471075	9.069	8.789	0	13.05	13	6	66.754	6.663
195050	471100	9.098	8.789	0	13.06	13.01	6	66.763	6.663
195050	471125	9.136	8.789	0	13.06	13	6	66.775	6.663
195050	471150	9.185	8.789	0	13.06	13	6	66.788	6.663
195050	471175	9.256	8.789	0	13.07	13.01	6	66.806	6.663
195050	471200	9.37	8.789	0	13.08	13.01	6	66.835	6.663
195050	471225	9.59	8.789	0	13.09	13	6	6.689	6.663
195050	471250	10.041	8.788	0	13.12	13.01	6	67.007	6.663
195050	471275	10.596	8.789	0	13.15	13	6	67.159	6.663
195050	471300	10.3	8.788	0	13.13	13	6	67.068	6.663
195050	471325	10.277	8.789	0	13.11	13	6	66.959	6.663
195050	471350	10.09	8.788	0	13.11	13.01	6	66.924	6.663
195050	471375	9.835	8.788	0	13.11	13.01	6	66.913	6.663
195050	471400	9.683	8.788	0	13.11	13	6	66.916	6.663

195050	471425	9.61	8.788	0	13.12	13	6	66.929	6.663
195050	471450	9.587	8.789	0	13.13	13	6	6.695	6.663
195050	471475	9.597	8.788	0	13.14	13	6	66.981	6.663
195050	471500	9.641	8.789	0	13.16	13	6	67.023	6.663
195050	471525	9.724	8.789	0	13.19	13.01	6	67.084	6.663
195050	471550	9.871	8.789	0	13.23	13.01	6	67.181	6.663
195050	471575	10.183	8.788	0	13.31	13.01	6	67.372	6.663
195050	471600	11.345	8.788	0	13.59	13	6	68.069	6.663
195050	471625	11.419	8.789	0	13.69	13.01	6	68.301	6.663
195075	470700	8.767	8.637	0	13.06	13.03	6	67.459	6.739
195075	470725	8.77	8.637	0	13.06	13.03	6	6.746	6.739
195075	470750	8.773	8.636	0	13.06	13.03	6	67.461	6.739
195075	470775	8.777	8.636	0	13.06	13.03	6	67.463	6.739
195075	470800	8.782	8.637	0	13.06	13.03	6	67.465	6.739
195075	470825	8.787	8.637	0	13.07	13.04	6	67.466	6.739
195075	470850	8.792	8.637	0	13.07	13.04	6	67.468	6.739
195075	470875	8.798	8.636	0	13.07	13.04	6	67.471	6.739
195075	470900	8.806	8.637	0	13.07	13.04	6	67.473	6.739
195075	470925	8.814	8.636	0	13.07	13.04	6	67.476	6.739
195075	470950	8.824	8.637	0	13.07	13.03	6	6.748	6.739
195075	470975	8.835	8.636	0	13.07	13.03	6	67.484	6.739
195075	471000	9.001	8.789	0	13.04	13	6	66.729	6.663
195075	471025	9.017	8.789	0	13.05	13.01	6	66.734	6.663
195075	471050	9.035	8.788	0	13.05	13.01	6	6.674	6.663
195075	471075	9.059	8.789	0	13.05	13	6	66.747	6.663
195075	471100	9.088	8.789	0	13.05	13	6	66.755	6.663
195075	471125	9.126	8.789	0	13.06	13.01	6	66.766	6.663
195075	471150	9.178	8.789	0	13.06	13	6	6.678	6.663
195075	471175	9.255	8.788	0	13.07	13.01	6	66.799	6.663
195075	471200	9.396	8.789	0	13.07	13	6	66.834	6.663
195075	471225	9.732	8.789	0	13.1	13.01	6	66.922	6.663
195075	471250	11.105	8.789	0	13.18	13	6	67.319	6.663
195075	471275	17.093	8.788	0	13.64	13.01	6	69.454	6.663
195075	471300	12.75	8.788	0	13.28	13	6	67.788	6.663
195075	471325	10.666	8.789	0	13.14	13.01	6	67.093	6.663
195075	471350	10.048	8.789	0	13.11	13.01	6	66.948	6.663
195075	471375	9.813	8.788	0	13.1	13	6	66.911	6.663
195075	471400	9.684	8.788	0	13.11	13.01	6	66.903	6.663
195075	471425	9.603	8.789	0	13.11	13	6	6.691	6.663
195075	471450	9.564	8.789	0	13.12	13	6	66.927	6.663
195075	471475	9.562	8.789	0	13.13	13	6	66.954	6.663
195075	471500	9.595	8.789	0	13.15	13.01	6	66.992	6.663
195075	471525	9.671	8.788	0	13.17	13	6	67.052	6.663
195075	471550	9.823	8.789	0	13.22	13.01	6	67.152	6.663
195075	471575	10.163	8.788	0	13.3	13	6	67.361	6.663
195075	471600	11.561	8.789	0	13.64	13	6	6.82	6.663
195100	470925	8.81	8.637	0	13.07	13.04	6	67.473	6.739
195100	470950	8.82	8.637	0	13.07	13.04	6	67.477	6.739
195100	470975	8.831	8.637	0	13.07	13.03	6	6.748	6.739
195100	471000	8.996	8.789	0	13.04	13	6	66.725	6.663
195100	471025	9.011	8.789	0	13.04	13	6	66.729	6.663
195100	471050	9.029	8.789	0	13.05	13.01	6	66.735	6.663
195100	471075	9.051	8.788	0	13.05	13.01	6	66.742	6.663
195100	471100	9.079	8.789	0	13.05	13	6	66.749	6.663
195100	471125	9.116	8.789	0	13.05	13	6	66.759	6.663
195100	471150	9.167	8.789	0	13.06	13.01	6	66.772	6.663
195100	471175	9.244	8.789	0	13.06	13	6	66.791	6.663
195100	471200	9.381	8.788	0	13.07	13	6	66.826	6.663
195100	471225	9.714	8.789	0	13.09	13	6	66.916	6.663
195100	471250	11.268	8.788	0	13.19	13	6	67.374	6.663
195100	471275	17.04	8.788	0	13.63	13	6	69.444	6.663
195100	471300	13.526	8.789	0	13.35	13.01	6	68.081	6.663
195100	471325	10.8	8.789	0	13.16	13.01	6	67.184	6.663
195100	471350	10.05	8.789	0	13.11	13	6	66.974	6.663
195100	471375	9.747	8.788	0	13.1	13	6	66.914	6.663
195100	471400	9.621	8.788	0	13.1	13	6	66.898	6.663
195100	471425	9.563	8.788	0	13.11	13.01	6	6.69	6.663
195100	471450	9.538	8.789	0	13.11	13	6	66.914	6.663
195100	471475	9.541	8.789	0	13.13	13.01	6	6.694	6.663
195100	471500	9.577	8.789	0	13.14	13	6	6.698	6.663
195100	471525	9.659	8.789	0	13.17	13	6	67.043	6.663
195100	471550	9.826	8.789	0	13.22	13.01	6	67.151	6.663
195100	471575	10.21	8.789	0	13.31	13	6	67.385	6.663
195100	471600	11.913	8.789	0	13.73	13	6	68.415	6.663
195125	471150	9.156	8.788	0	13.06	13.01	6	66.767	6.663
195125	471175	9.226	8.789	0	13.06	13	6	66.784	6.663
195125	471200	9.338	8.789	0	13.07	13.01	6	66.813	6.663
195125	471225	9.543	8.788	0	13.08	13	6	66.869	6.663
195125	471250	10.077	8.788	0	13.11	13	6	6.702	6.663

195125	471275	11.112	8.789	0	13.18	13	6	67.323	6.663
195125	471300	10.727	8.789	0	13.16	13.01	6	67.197	6.663
195125	471325	10.118	8.789	0	13.12	13.01	6	67.011	6.663
195125	471350	9.827	8.789	0	13.1	13	6	66.933	6.663
195125	471375	9.658	8.789	0	13.1	13.01	6	66.69	6.663
195125	471400	9.553	8.789	0	13.1	13.01	6	66.889	6.663
195125	471425	9.507	8.789	0	13.1	13	6	66.893	6.663
195125	471450	9.498	8.789	0	13.11	13	6	66.907	6.663
195125	471475	9.515	8.789	0	13.12	13	6	66.934	6.663
195125	471500	9.563	8.788	0	13.14	13	6	66.975	6.663
195125	471525	9.661	8.788	0	13.17	13	6	67.044	6.663
195125	471550	9.854	8.789	0	13.22	13	6	67.165	6.663
195125	471575	10.302	8.789	0	13.33	13	6	67.435	6.663
195125	471600	12.426	8.789	0	13.86	13	6	68.731	6.663
195150	471375	9.534	8.789	0	13.09	13	6	66.875	6.663
195150	471400	9.483	8.789	0	13.1	13.01	6	66.876	6.663
195150	471425	9.455	8.788	0	13.1	13	6	66.884	6.663
195150	471450	9.458	8.788	0	13.11	13.01	6	66.902	6.663
195150	471475	9.488	8.788	0	13.12	13	6	66.931	6.663
195150	471500	9.552	8.789	0	13.14	13	6	66.977	6.663
195150	471525	9.669	8.789	0	13.17	13	6	67.052	6.663
195150	471550 9.9		8.789	0	13.23	13	6	67.191	6.663
195150	471575	10.455	8.788	0	13.37	13.01	6	67.518	6.663
195150	471600	13.244	8.788	0	14.07	13.01	6	69.239	6.663
195175	471600	-200	-200	0	-200	-200	-200	-200	-200

