Amitec

- Omgevingsvergunning
- Bestemmingsplanadvies
- Bodemonderzoek
- Geluidadvies
- Luchtonderzoek

NOTITIE

HOGE RANDWEG VOLKEL

datum: 25 juni 2019
project: 18.417
onderwerp: geurnotitie
referentie: *18.417-004 (GEUR)*

In verband met de geplande realisatie van twee Ruimte voor Ruimte woningen ter plaatse van Hoge Randweg te Volkel, dient inzicht in de geursituatie te worden gekregen.

Doelstelling

In de nabijheid van de voorgenomen ontwikkeling liggen verschillende veehouderijen. Beoordeeld dient te worden of voldaan wordt aan de eisen met betrekking tot een 'goede ruimtelijke ordening', voor het aspect geur.
Daarbij dient antwoord gegeven te worden op de volgende twee vragen:

- Worden de nabijgelegen veehouderijen niet onevenredig in hun belangen geschaad? (belangen veehouderij en derden)?
- Wordt er ter plaatse van de te realiseren geurgevoelige objecten een goed woon- en verblijfklimaat gegarandeerd? (belang geurgevoelig object)?

De gemeente Uden heeft op 6 april 2016 een gemeentelijke geurverordening vastgesteld. De onderzoekslocatie is gelegen binnen het "Overgangsgebied".

In de geurverordening van de gemeente Uden is opgenomen dat buiten de bebouwde kom de minimale afstand tussen een veehouderij en een geurgevoelig object, waar dieren worden gehouden behorende tot een diercategorie waarvoor niet in de ministeriële regeling een geuremissiefactor is vastgesteld, ten minste 50 meter moet bedragen.

Voor "Ruimte voor Ruimte woningen" (RvR-woningen) en de daarbij vergelijkbare geurgevoelige objecten, geldt een afwijkend toetsingskader. Indien de woning voldoet aan alle uitgangspunten, geldt alleen een minimale afstandseis van het emissiepunt van een dierverblijf tot aan de gevel van een geurgevoelig object.

Beleidsregel ruimtelijke ontwikkelingen gemeente Uden:
De gemeente Uden heeft op 31 maart 2016 'Beleidsregel geur en ruimtelijke plannen 2016 gemeente Uden' vastgesteld. Hierin zijn de waarden voor het criterium 'een aanvaardbaar woon- en leefklimaat' voor het aspect cumulatieve geurhinder uit de stallen van de veehouderijen vastgelegd (voor- en achtergrondbelasting).
In de onderstaande tabel zijn de normen voor de voor- en achtergrondbelasting opgenomen.

Tabel 1: normering woon- en verblijfklimaat

Overgangsgebied	*Goed [ou_E/m^3]*	*Afweegbaar [ou_E/m^3]*	*Slecht [ou_E/m^3]*
Voorgrond belasting	0 - 5	5 – 8	> 8
Achtergrond belasting	0 - 10	10 – 14	> 14

Als de voorgrondbelasting geclassificeerd worden als 'goed' is er geen nadere afweging nodig. Er is sprake van een aanvaardbaar woon- en leefklimaat. Wanneer de geursituatie ter plaatse van het geurgevoelig object afweegbaar is, dient een expliciete afweging in de ruimtelijke onderbouwing worden opgenomen. Als de geursituatie als slecht gekwalificeerd is, is er in beginsel geen sprake van een aanvaardbaar woon- en leefklimaat.

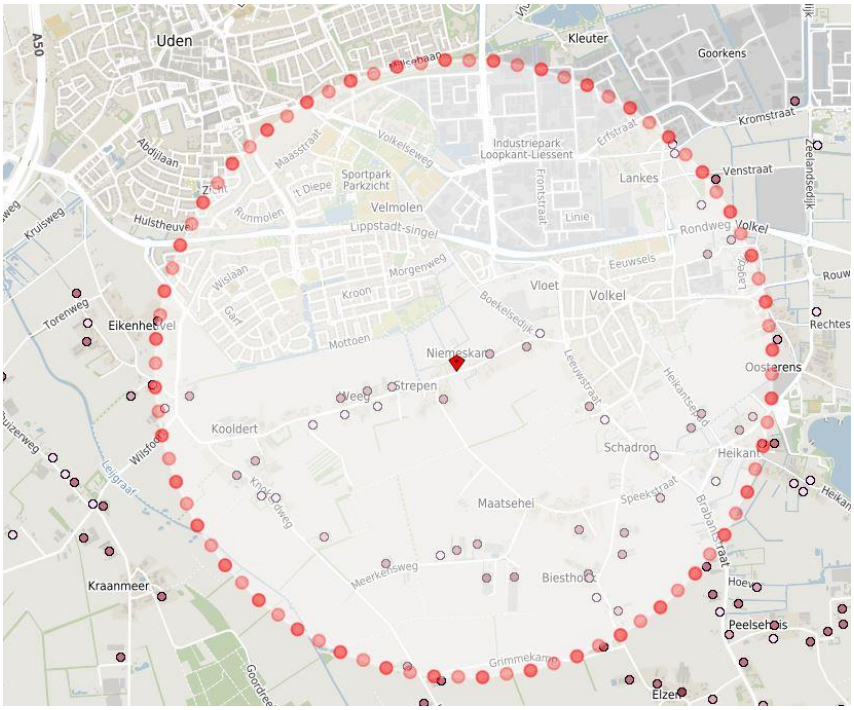
Voor- en achtergrondbelasting

Met de berekening van de geurbelasting wordt onderzocht of de belangen van de omliggende veehouderijen worden geschaad. De veehouderijen in een straal van 2 kilometer van het plangebied worden onderzocht. Voor deze berekeningen wordt per veehouderij gebruik gemaakt van één fictief emissiepunt dat de gehele geuremissie van de veehouderij omvat. Dit emissiepunt wordt op het dichtstbijzijnde punt van het bouwblok gepositioneerd, zo dicht mogelijk bij het betreffende geurgevoelige object in het plangebied. De berekeningen worden uitgevoerd met V-stacks vergunning, conform het "worst –case scenario", waarbij met standaardwaarden van het emissiepunt moet worden gerekend.

Onder achtergrondbelasting wordt de geurbelasting van de in de omgeving liggende veehouderijen op een geurgevoelig object verstaan. Voor deze berekeningen wordt gebruikgemaakt van een fictief emissiepunt in het midden van het bouwblok en omvat de gehele emissie van het bedrijf.
Met V-Stacks gebied wordt middels meetpunten de achtergrondbelasting op de geurgevoelige objecten bepaald.

Werkwijze

Voorafgaand aan de berekeningen zijn, aan de hand van de gegevens van provincie Noord-Brabant en de gemeente Uden, relevante veehouderijen in een straal van 2 kilometer rondom het plangebied geselecteerd.



(*bron: provincie Noord-Brabant*)

Voor de berekeningen voor de voor en achtergrondbelasting een aantal meetpunten geplaatst, rondom het plangebied zijn 6 meetpunten gepositioneerd (MP01 t/m MP06). Per op te richten RvR-woning zijn rondom het bouwvlak 4 meetpunten gepositioneerd (MP10 t/m13) en (MP20 t/m MP23)

Resultaten

Afstandsbepaling

Ten oosten van de onderzoeklocatie is ter plaatse van Hoge Randweg 14 bevindt zich een veehouderij waar 78 stuks "Melk- en kalfkoeien ouder dan 2 jaar" wordt gehouden. Conform de geurverordening van de gemeente Uden dient de afstand, gemeten van de gevel van een dierenverblijf tot aan de gevel van een geurgevoelig object binnen het plangebied minimaal 50 meter te bedragen.
De afstand tussen de rand van het plangebied en de gevel van de dichtstbijzijnde stal bedraagt ruim 370 m.

Ten zuidwesten van de onderzoeklocatie, ter plaatse van Maatseheistraat 4, worden 50 paarden gehouden. De afstand tussen de rand van het plangebied de gevel van de dichtstbijzijnde stal bedraagt ruim 164 m.

Resultaten voorgrondbelasting:

Voor de bepaling van de voorgrondbelasting zijn voor de omliggende veehouderijen aan de Kooldertweg 3, Hoge Randweg 2 en 4, Heikantsepad 3 en Meerkensweg 9, de voorgrondbelasting berekend.

Uit de berekening van de voorgrondbelasting (*zie onderstaande tabel*) van de veehouderij aan het Meerkensweg 9 op het plangebied/ RvR-woningen blijkt dat deze maximaal 2,5 ou_E /m^3 bedraagt.

Geur gevoelige locaties:

Volgnummer	GGLID	Xcoordinaat	Ycoordinaat	Geurnorm	Geurbelasting
2	MP01	172 485	405 749	10,0	2,4
3	MP02	172 516	405 760	10,0	2,4
4	MP03	172 546	405 771	10,0	2,4
5	MP04	172 563	405 730	10,0	2,5
6	MP05	172 530	405 719	10,0	2,5
7	MP06	172 498	405 708	10,0	2,5
8	MP10	172 498	405 735	10,0	2,5
9	MP11	172 510	405 739	10,0	2,5
10	MP12	172 514	405 731	10,0	2,5
11	MP13	172 501	405 727	10,0	2,5
12	MP20	172 529	405 739	10,0	2,5
13	MP21	172 542	405 744	10,0	2,5
14	MP22	172 544	405 736	10,0	2,5
15	MP23	172 532	405 732	10,0	2,5

Resultaten achtergrondbelasting

De achtergrondbelasting (*zie onderstaande tabel*) op het plangebied/ RvR-woningen bedraagt 3,5 ou_E /m^3.

Cumulatieve geurbelasting op receptorpunten, zoals berekend

RecepID	X-coor	Y-coor	Geurnorm	Geurbelasting [OU/m3]
1060	172485.0	405749.0	14.000	3.375
1061	172516.0	405760.0	14.000	3.233
1062	172546.0	405771.0	14.000	3.173
1063	172563.0	405730.0	14.000	3.468
1064	172530.0	405719.0	14.000	3.497
1065	172498.0	405708.0	14.000	3.512
1066	172498.0	405735.0	14.000	3.435
1067	172510.0	405739.0	14.000	3.450
1068	172514.0	405731.0	14.000	3.472
1069	172501.0	405727.0	14.000	3.465
1070	172529.0	405739.0	14.000	3.475
1071	172542.0	405744.0	14.000	3.247
1072	172544.0	405736.0	14.000	3.439
1073	172532.0	405732.0	14.000	3.458

Conclusie

Geconcludeerd kan worden dat de omliggende veehouderijen niet worden gehinderd door de realisatie van 2 RvR-woningen ter plaatse van het plangebied.

Er zijn geen dierverblijven binnen een straal van 50 m van het plangebied aanwezig.

Voor- en achtergrondbelasting

De veehouderij op de locatie Meerkensweg 9 veroorzaakt de meeste geurbelasting op de plangebied. De maximale voorgrondbelasting op het plangebied bedraagt 2,5ou_E /m^3. De achtergrondbelasting op het plangebied, deze bedraagt maximaal 3.5 ou_E /m^3.

Woon- en verblijfklimaat

Voor de bepaling van het woon- en verblijfklimaat heeft de gemeente Uden eigen beleidsregels opgesteld.

Tabel 8: normering woon- en verblijfklimaat

Overgangsgebied	*Goed [**ou_E/m^3**]*	*Afweegbaar [**ou_E/m^3**]*	***Slecht [ou_E/m^3]***	*Berekende waarde [**ou_E/m^3**]*
Voorgrond belasting	**0 - 5**	5 – 8	> 8	2,5
Achtergrond belasting	**0 - 10**	10 – 14	> 14	3,5

Uit de tabellen is af te lezen dat de maximale woon- en verblijfklimaat rondom ter plaatse van de het plangebied “Goed” is.

Op basis van de uitgevoerde berekeningen zijn er vanuit het deelaspect ‘cumulatieve geurhinder uit stallen van veehouderijen’ geen belemmeringen om mee te werken aan een ruimtelijk initiatief.

Bijlages:
- Achtergrondbelasting;
- Rekenbladen V-Stacks

10 meter
1:1000 1:500 1:250 1:200 1:100 1:50

LEGENDA:

- Grens Ontwikkeling
- 10,0 OuE/m3 contour
- 14,0 OuE/m3 contour
- 20,0 OuE/m3 contour

project: 18.417	schaal: 1 : 5000	formaat: A3
Onderzoekslocatie: Hoge Randweg ong. 5408 NB Volkel	:	
Onderdeel: Bijlage Achtergrondbelasting	datum: 26 uni 2018	
	tekenaar: MH	

Omgevingsadvies Milieuadvies Bestemmingsplanadvies Bodemonderzoek Geluidsadvies

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P:\M\Maasakkers, L.L.M. van\18.417- Hoge randweg ong., Volkel\Geur

Naam van de berekening: VG MKW9
Gemaakt op: 25-06-2019 14:53:51
Rekentijd: 0:00:02
Naam van het bedrijf: 18.417- Hoge Randweg ong. te Volkel VG MKW9

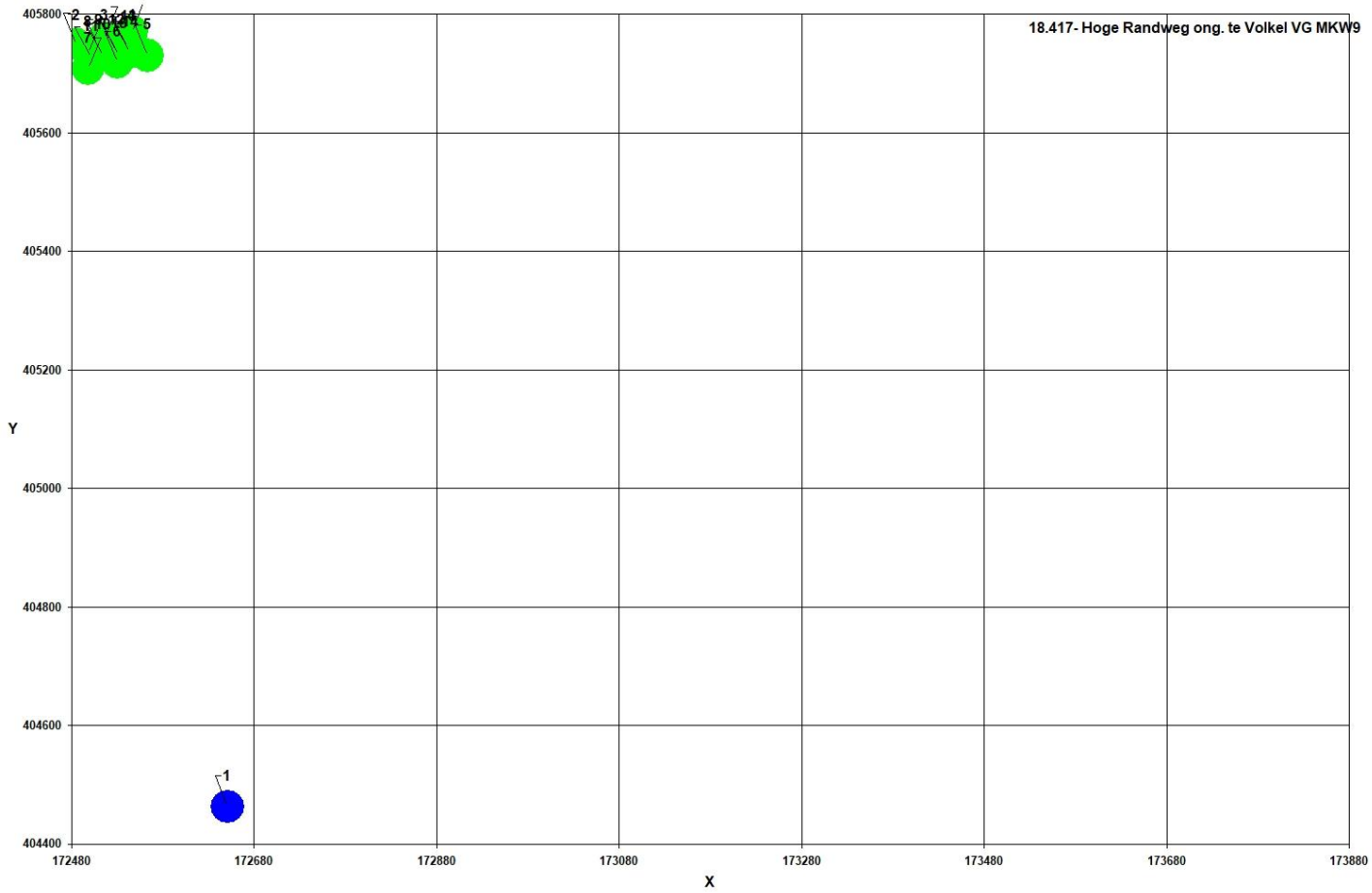
Berekende ruwheid: 0,11 m
Meteo station: Eindhoven

Brongegevens:

Volgnr.	BronID	X-coord.	Y-coord.	EP Hoogte	Gem.geb. hoogte	EP Diam.	EP Uittr. snelh.	E-Aanvraag
1	Meerkensweg 9	172 651	404 463	6,0	6,0	0,50	4,00	114 374

Geur gevoelige locaties:

Volgnummer	GGLID	Xcoordinaat	Ycoordinaat	Geurnorm	Geurbelasting
2	MP01	172 485	405 749	10,0	2,4
3	MP02	172 516	405 760	10,0	2,4
4	MP03	172 546	405 771	10,0	2,4
5	MP04	172 563	405 730	10,0	2,5
6	MP05	172 530	405 719	10,0	2,5
7	MP06	172 498	405 708	10,0	2,5
8	MP10	172 498	405 735	10,0	2,5
9	MP11	172 510	405 739	10,0	2,5
10	MP12	172 514	405 731	10,0	2,5
11	MP13	172 501	405 727	10,0	2,5
12	MP20	172 529	405 739	10,0	2,5
13	MP21	172 542	405 744	10,0	2,5
14	MP22	172 544	405 736	10,0	2,5
15	MP23	172 532	405 732	10,0	2,5



Naam van de berekening: VG KLD3
Gemaakt op: 25-06-2019 14:53:38
Rekentijd: 0:00:04
Naam van het bedrijf: 18.417- Hoge Randweg ong. te Volkel VG KLD3

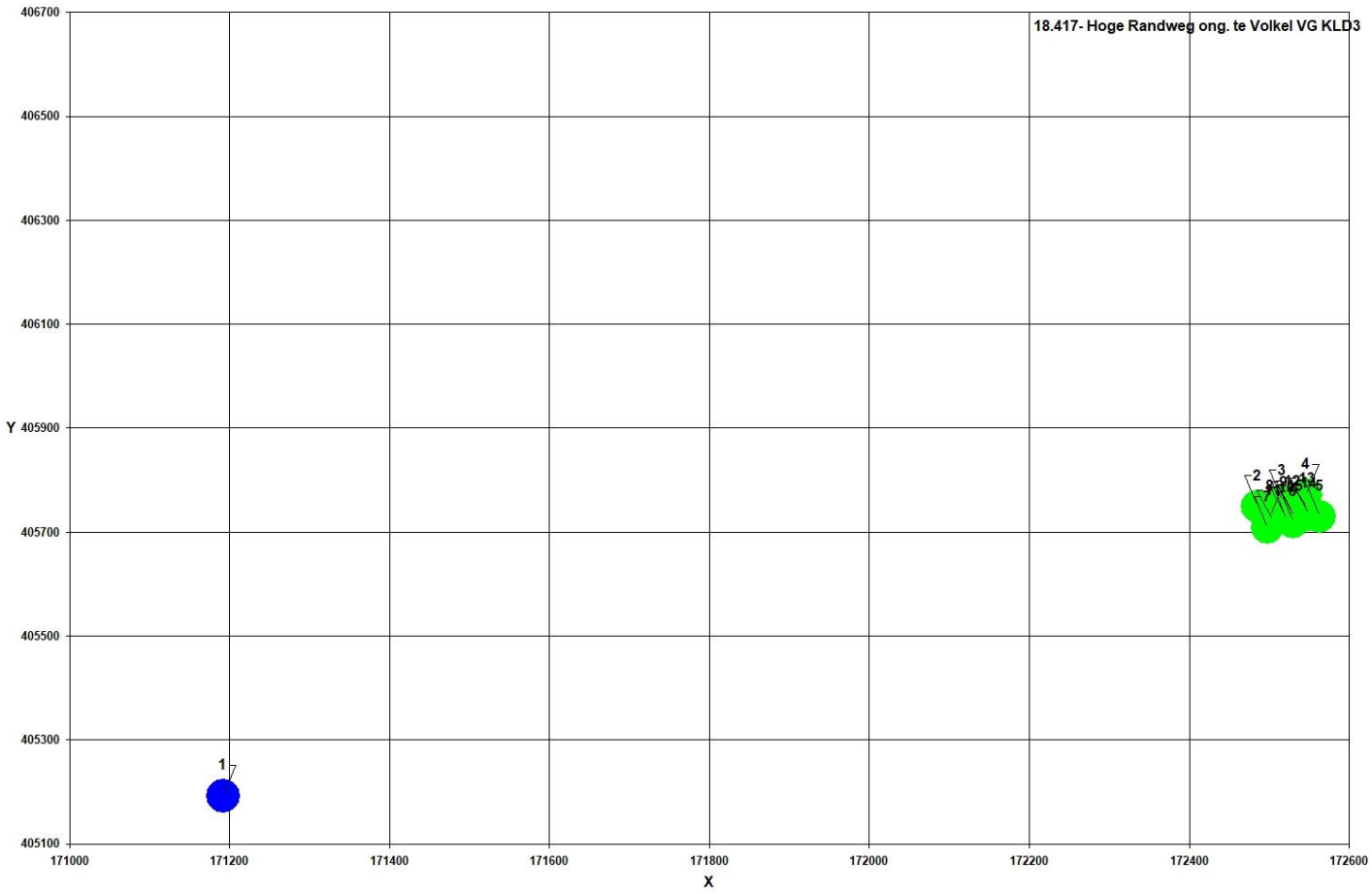
Berekende ruwheid: 0,11 m
Meteo station: Eindhoven

Brongegevens:

Volgnr.	BronID	X-coord.	Y-coord.	EP Hoogte	Gem.geb. hoogte	EP Diam.	EP Uittr. snelh.	E-Aanvraag
1	Kooldert 3	171 192	405 192	6,0	6,0	0,50	4,00	33 698

Geur gevoelige locaties:

Volgnummer	GGLID	Xcoordinaat	Ycoordinaat	Geurnorm	Geurbelasting
2	MP01	172 485	405 749	10,0	0,6
3	MP02	172 516	405 760	10,0	0,6
4	MP03	172 546	405 771	10,0	0,6
5	MP04	172 563	405 730	10,0	0,6
6	MP05	172 530	405 719	10,0	0,6
7	MP06	172 498	405 708	10,0	0,7
8	MP10	172 498	405 735	10,0	0,6
9	MP11	172 510	405 739	10,0	0,6
10	MP12	172 514	405 731	10,0	0,6
11	MP13	172 501	405 727	10,0	0,6
12	MP20	172 529	405 739	10,0	0,6
13	MP21	172 542	405 744	10,0	0,6
14	MP22	172 544	405 736	10,0	0,6
15	MP23	172 532	405 732	10,0	0,6



Naam van de berekening: VG HKP3
Gemaakt op: 25-06-2019 14:51:19
Rekentijd: 0:00:02
Naam van het bedrijf: 18.417- Hoge Randweg ong. te Volkel VG HKP3

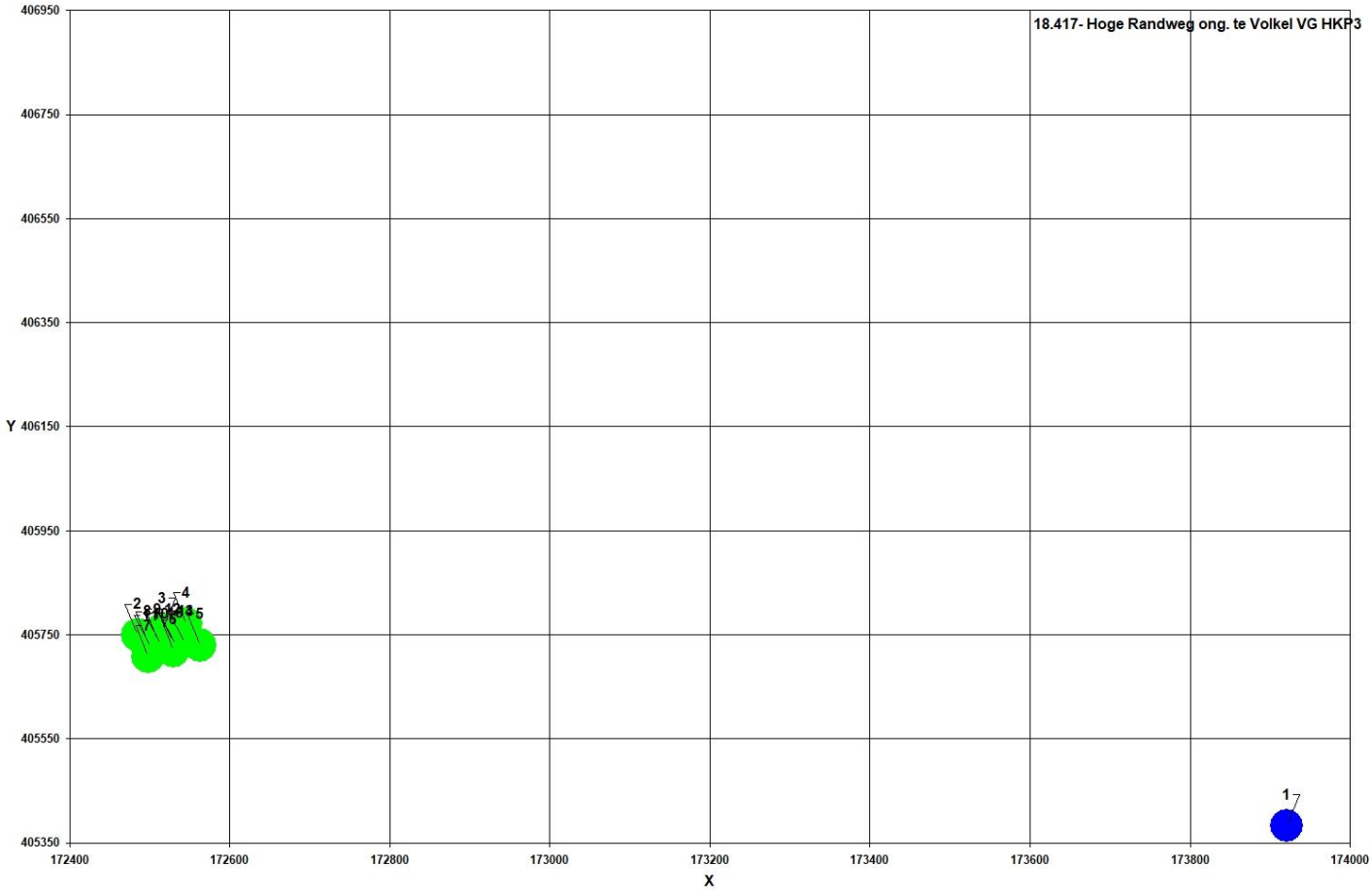
Berekende ruwheid: 0,34 m
Meteo station: Eindhoven

Brongegevens:

Volgnr.	BronID	X-coord.	Y-coord.	EP Hoogte	Gem.geb. hoogte	EP Diam.	EP Uittr. snelh.	E-Aanvraag
1	Heikantsepad 3	173 921	405 383	6,0	6,0	0,50	4,00	20 434

Geur gevoelige locaties:

Volgnummer	GGLID	Xcoordinaat	Ycoordinaat	Geurnorm	Geurbelasting
2	MP01	172 485	405 749	10,0	0,2
3	MP02	172 516	405 760	10,0	0,2
4	MP03	172 546	405 771	10,0	0,2
5	MP04	172 563	405 730	10,0	0,2
6	MP05	172 530	405 719	10,0	0,2
7	MP06	172 498	405 708	10,0	0,2
8	MP10	172 498	405 735	10,0	0,2
9	MP11	172 510	405 739	10,0	0,2
10	MP12	172 514	405 731	10,0	0,2
11	MP13	172 501	405 727	10,0	0,2
12	MP20	172 529	405 739	10,0	0,2
13	MP21	172 544	405 736	10,0	0,2
14	MP22	172 544	405 736	10,0	0,2
15	MP23	172 532	405 732	10,0	0,2



Naam van de berekening: VG HRW4
Gemaakt op: 25-06-2019 14:52:31
Rekentijd: 0:00:03
Naam van het bedrijf: 18.417- Hoge Randweg ong. te Volkel VG HRW4

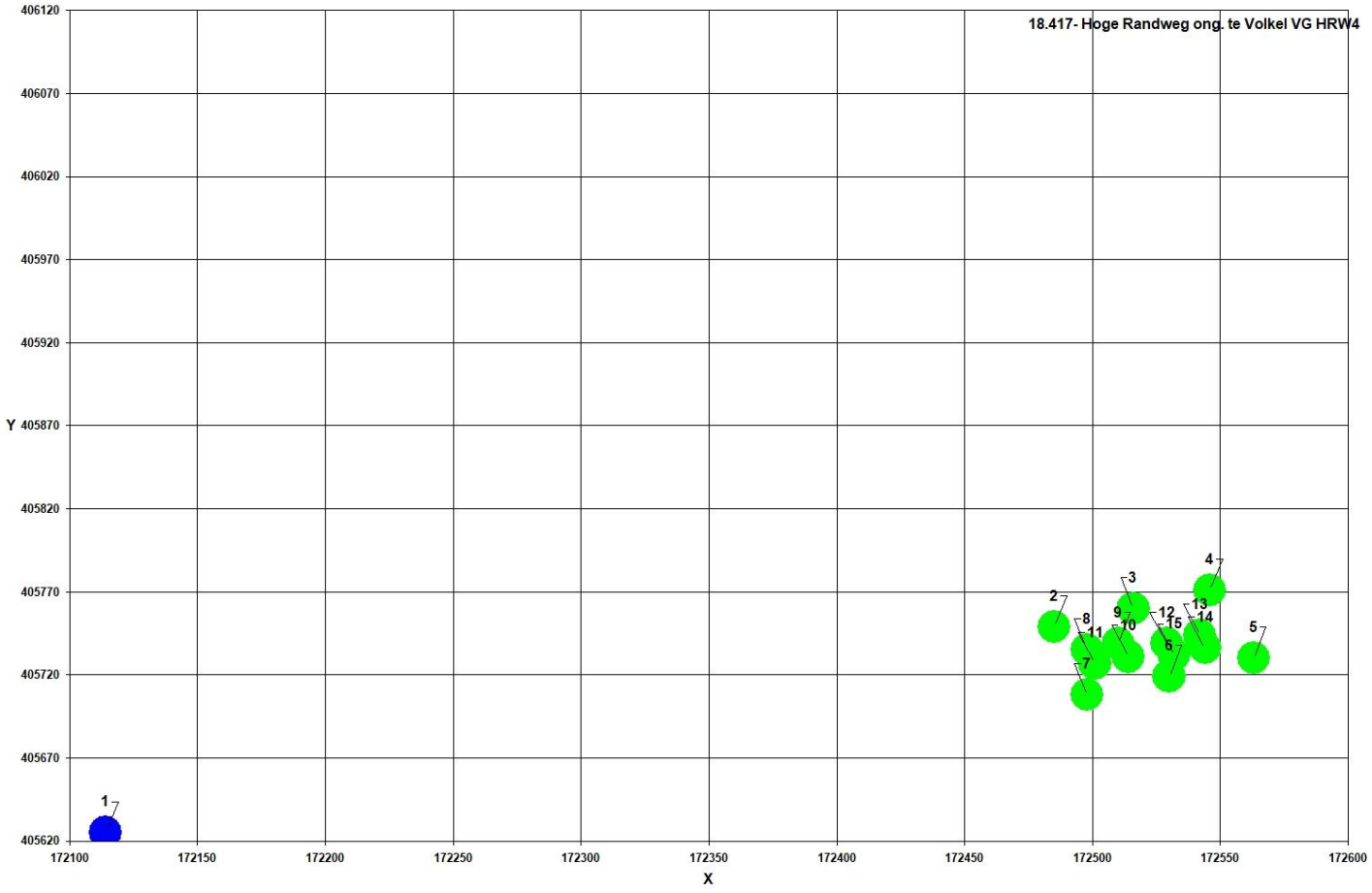
Berekende ruwheid: 0,16 m
Meteo station: Eindhoven

Brongegevens:

Volgnr.	BronID	X-coord.	Y-coord.	EP Hoogte	Gem.geb. hoogte	EP Diam.	EP Uittr. snelh.	E-Aanvraag
1	Hoge Randweg 4	172 114	405 625	6,0	6,0	0,50	4,00	759

Geur gevoelige locaties:

Volgnummer	GGLID	Xcoordinaat	Ycoordinaat	Geurnorm	Geurbelasting
2	MP01	172 485	405 749	10,0	0,1
3	MP02	172 516	405 760	10,0	0,1
4	MP03	172 546	405 771	10,0	0,1
5	MP04	172 563	405 730	10,0	0,1
6	MP05	172 530	405 719	10,0	0,1
7	MP06	172 498	405 708	10,0	0,1
8	MP10	172 498	405 735	10,0	0,1
9	MP11	172 510	405 739	10,0	0,1
10	MP12	172 514	405 731	10,0	0,1
11	MP13	172 501	405 727	10,0	0,1
12	MP20	172 529	405 739	10,0	0,1
13	MP21	172 542	405 744	10,0	0,1
14	MP22	172 544	405 736	10,0	0,1
15	MP23	172 532	405 732	10,0	0,1



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Rekentijd: 0:00:02
Naam van het bedrijf: 18.417- Hoge Randweg ong. te Volkel VG HRW2

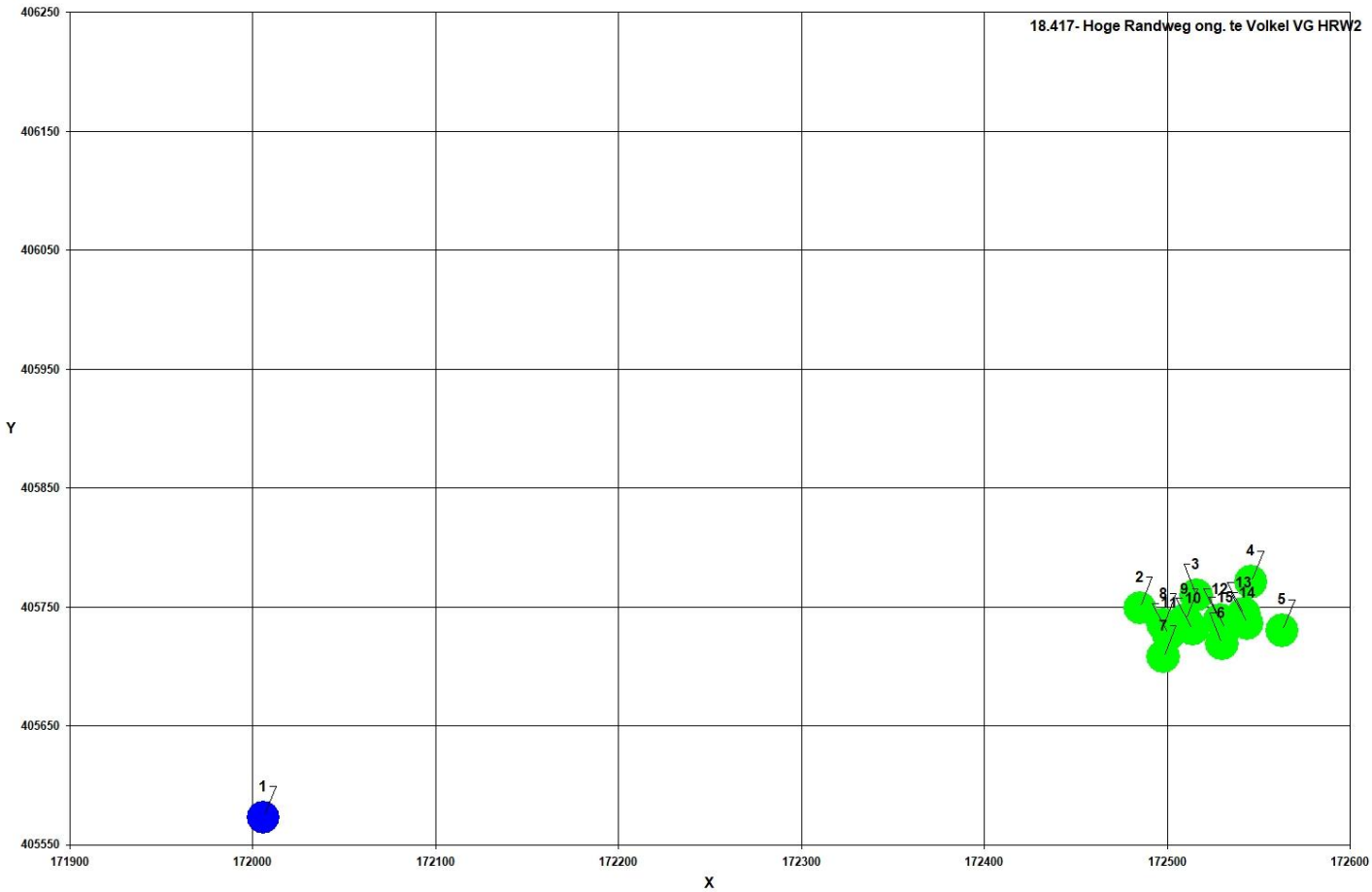
Berekende ruwheid: 0,15 m
Meteo station: Eindhoven

Brongegevens:

Volgnr.	BronID	X-coord.	Y-coord.	EP Hoogte	Gem.geb. hoogte	EP Diam.	EP Uittr. snelh.	E-Aanvraag
1	Hoge randweg 2	172 006	405 573	6,0	6,0	0,50	4,00	14 664

Geur gevoelige locaties:

Volgnummer	GGLID	Xcoordinaat	Ycoordinaat	Geurnorm	Geurbelasting
2	MP01	172 485	405 749	10,0	1,1
3	MP02	172 516	405 760	10,0	1,0
4	MP03	172 546	405 771	10,0	0,9
5	MP04	172 563	405 730	10,0	0,9
6	MP05	172 530	405 719	10,0	1,0
7	MP06	172 498	405 708	10,0	1,1
8	MP10	172 498	405 735	10,0	1,1
9	MP11	172 510	405 739	10,0	1,0
10	MP12	172 514	405 731	10,0	1,0
11	MP13	172 501	405 727	10,0	1,1
12	MP20	172 529	405 739	10,0	1,0
13	MP21	172 542	405 744	10,0	1,0
14	MP22	172 544	405 736	10,0	1,0
15	MP23	172 532	405 732	10,0	1,0



Gemaakt op: 6-25-2019 14:36:18
Rekentijd: 0:33:51
Naam van het gebied: 18.417 - Hoge Randweg ong. te Volkel

Berekende ruwheid: 0,43 m
Meteo station: Eindhoven
Rekenuren: 25 %
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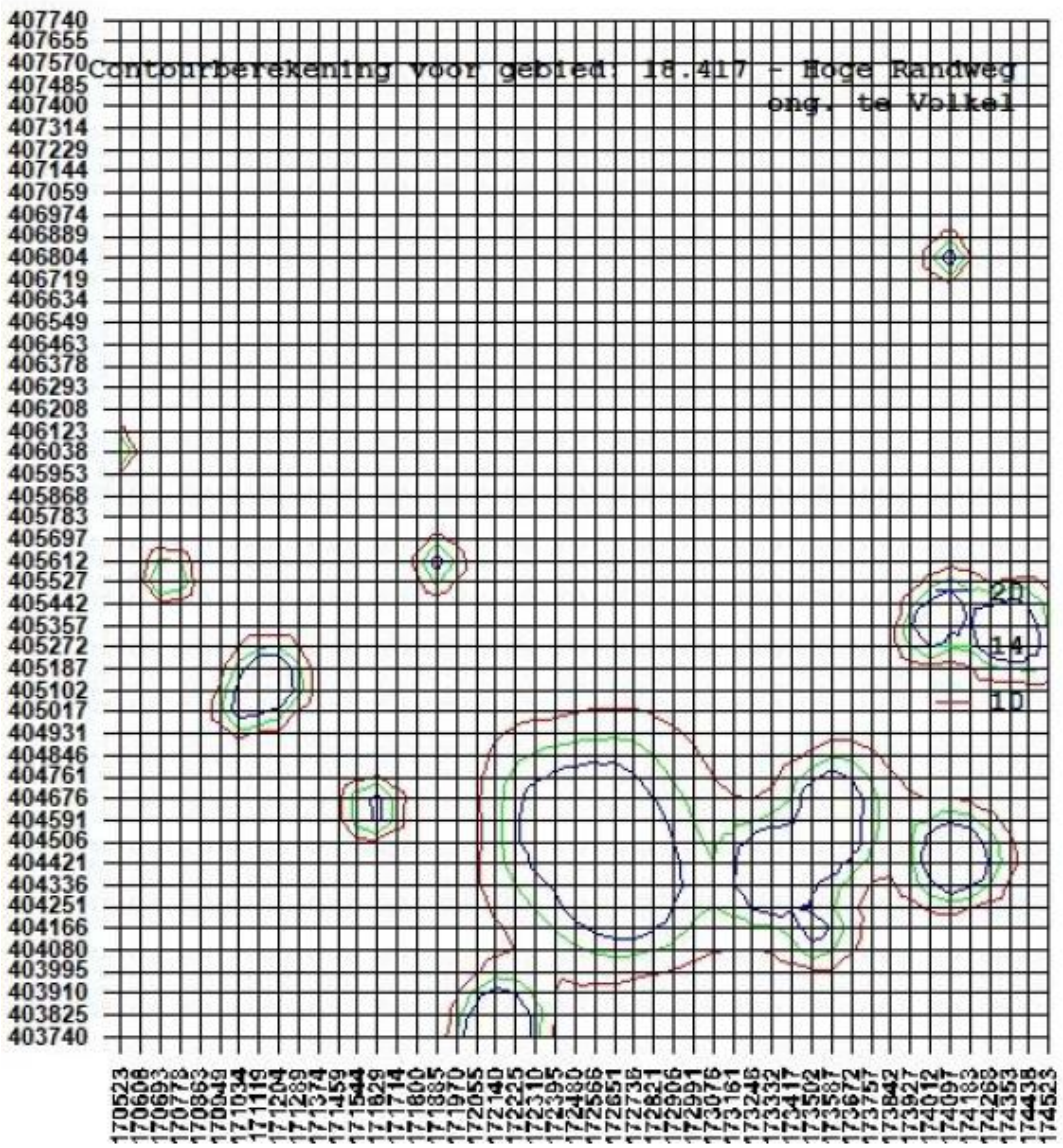
Receptorbestand: P:\M\Maasakkers, L.L.M. van\18.417- Hoge randweg ong., Volkel\Geur\STACKS\18.417-receptoren.txt
Resultaten weggeschreven in: P:\M\Maasakkers, L.L.M. van\18.417- Hoge randweg ong., Volkel\Geur\STACKS

Rasterpunt linksonder x: 170523 m
Rasterpunt linksonder y: 403740 m
Gebied lengte (x): 4000 m , Aantal gridpunten: 48
Gebied breedte (y): 4000 m , Aantal gridpunten: 48



IDNR	X_COORDINAAT	Y_COORDINAAT	EP-hoogte		gemgebhoogte		EP-diameter	EP-uittree		Evergund	Evergund	Gemeente	Straat
Huisnummer	Postcode	Plaats											
1001	170485	405619	6	6	0.5	4	0	0	Uden	Eikenheuvelweg	17	5406NA	UDEN
1002	170570	405465	6	6	0.5	4	0	0	Uden	Eikenheuvelweg	21	5406NA	UDEN
1003	170521	406040	6	6	0.5	4	10465	10465	Uden	Laarweg 3		5406NC	UDEN
1004	170732	405548	6	6	0.5	4	15701	15701	Uden	Ruitersweg	1	5406NE	UDEN
1005	171538	405358	6	6	0.5	4	2417	2417	Uden	Lage Randweg	25	5406NN	UDEN
1006	171742	405424	6	6	0.5	4	19	19	Uden	Lage Randweg	27A	5406NN	UDEN
1007	171157	405123	6	6	0.5	4	33698	33698	Uden	Kooldertweg	3	5406NP	UDEN
1008	171035	405027	6	6	0.5	4	9660	9660	Uden	Knokerdweg	1	5406NR	UDEN
1009	171607	404627	6	6	0.5	4	18216	18216	Uden	Knokerdweg	16	5406NR	UDEN
1010	171199	404895	6	6	0.5	4	3182	3182	Uden	Knokerdweg	3	5406NR	UDEN
1011	171296	404878	6	6	0.5	4	468	468	Uden	Knokerdweg	8	5406NR	UDEN
1012	171892	405582	6	6	0.5	4	14664	14664	Uden	Hoge Randweg	2	5408NA	VOLKEL
1013	171962	405477	6	6	0.5	4	0	0	Uden	Hoge Randweg	3	5408NA	VOLKEL
1014	172055	405605	6	6	0.5	4	759	759	Uden	Hoge Randweg	4	5408NA	VOLKEL
1015	172934	405869	6	6	0.5	4	0	0	Uden	Hoge Randweg	19	5408NB	VOLKEL
1016	172387	405528	6	6	0.5	4	0	0	Uden	Maatseheistraat	4	5408PA	VOLKEL
1017	172474	404538	6	6	0.5	4	67640	67640	Uden	Meerkensweg	10	5408PB	VOLKEL
1018	172610	404581	6	6	0.5	4	53163	53163	Uden	Meerkensweg	12	5408PB	VOLKEL
1019	172852	404364	6	6	0.5	4	0	0	Uden	Meerkensweg	15	5408PB	VOLKEL
1020	172011	404448	6	6	0.5	4	0	0	Uden	Meerkensweg	4	5408PB	VOLKEL
1021	172368	404507	6	6	0.5	4	17	17	Uden	Meerkensweg	8	5408PB	VOLKEL
1022	172672	404358	6	6	0.5	4	114374	114374	Uden	Meerkensweg	9	5408PB	VOLKEL
1023	173280	404672	6	6	0.5	4	0	0	Uden	Haverkampstraat	3	5408PD	VOLKEL
1024	173345	405479	6	6	0.5	4	0	0	Uden	Leeuwstraat	9	5408PJ	VOLKEL
1025	173341	404357	6	6	0.5	4	1170	1170	Uden	Biesthoekstraat	11A	5408PT	VOLKEL
1026	173573	404652	6	6	0.5	4	29743	29743	Uden	Biesthoekstraat	14	5408PT	VOLKEL
1027	173560	404510	6	6	0.5	4	31793	31793	Uden	Biesthoekstraat	16	5408PT	VOLKEL
1028	173336	404384	6	6	0.5	4	55256	55256	Uden	Biesthoekstraat	9	5408PT	VOLKEL
1029	173811	404878	6	6	0.5	4	0	0	Uden	Speekstraat	3	5408PV	VOLKEL
1030	174074	405433	6	6	0.5	4	11707	11707	Uden	Heikantsepad	2	5408PX	VOLKEL
1031	174012	405335	6	6	0.5	4	20434	20434	Uden	Heikantsepad	3	5408PX	VOLKEL
1032	174115	406472	6	6	0.5	4	1104	1104	Uden	Lagenheuvelstraat	2	5408RJ	VOLKEL
1033	174074	406799	6	6	0.5	4	13800	13800	Uden	Venstraat	1	5408RN	VOLKEL
1034	173889	407192	6	6	0.5	4	156	156	Uden	Kromstraat	2	5408SK	VOLKEL
1035	174415	405409	6	6	0.5	4	4747	4747	Uden	Zeelandsedijk	25	5408SL	VOLKEL
1036	174324	405324	6	6	0.5	4	35354	35354	Uden	Zeelandsedijk	27	5408SL	VOLKEL
1037	174172	404989	6	6	0.5	4	3109	3109	Uden	Zeelandsedijk	40	5408SM	VOLKEL
1038	174471	405239	6	6	0.5	4	11310	11310	Uden	Korte Heikantstraat	4	5408SR	VOLKEL
1039	172153	403781	6	6	0.5	4	45924	45924	Boekel	Het Goor	11	5427PH	BOEKEL
1040	174110	404431	6	6	0.5	4	46808	46808	Boekel	Volkelseweg	43	5427RA	BOEKEL
1041	173530	404144	6	6	0.5	4	15375	15375	Boekel	Biesthoek	2	5427RG	BOEKEL
1042	173392	404228	6	6	0.5	4	4416	4416	Boekel	Biesthoek	5	5427RG	BOEKEL

DENTIFIER	X-COORDINA	Y-COORDINA	NORM-OU
1060	172485 405749 14	MP01	
1061	172516 405760 14	MP02	
1062	172546 405771 14	MP03	
1063	172563 405730 14	MP04	
1064	172530 405719 14	MP05	
1065	172498 405708 14	MP06	
1066	172498 405735 14	MP10	
1067	172510 405739 14	MP11	
1068	172514 405731 14	MP12	
1069	172501 405727 14	MP13	
1070	172529 405739 14	MP20	
1071	172542 405744 14	MP21	
1072	172544 405736 14	MP22	
1073	172532 405732 14	MP23	

Cumulatieve geurbelasting op receptorpunten, zoals berekend

RecepID	X-coor	Y-coor	Geurnorm	Geurbelasting [OU/m3]
1060	172485.0	405749.0	14.000	3.375
1061	172516.0	405760.0	14.000	3.233
1062	172546.0	405771.0	14.000	3.173
1063	172563.0	405730.0	14.000	3.468
1064	172530.0	405719.0	14.000	3.497
1065	172498.0	405708.0	14.000	3.512
1066	172498.0	405735.0	14.000	3.435
1067	172510.0	405739.0	14.000	3.450
1068	172514.0	405731.0	14.000	3.472
1069	172501.0	405727.0	14.000	3.465
1070	172529.0	405739.0	14.000	3.475
1071	172542.0	405744.0	14.000	3.247
1072	172544.0	405736.0	14.000	3.439
1073	172532.0	405732.0	14.000	3.458

hoogst toelaatbare emissies per bron, zoals berekend

BronID	X-coor	Y-coor	E-vergund	E-maxverg	E-calcul	E-maxcomb	E=Em?	RatioM/V	KriRecePuntX	KrirecePuntY
1002	170570.0	405465.0	0	0	2174842	0	1	999999.00	172498.0	405735.0
1003	170521.0	406040.0	10465	10465	2462933	10465	1	1.00	172485.0	405749.0
1004	170732.0	405548.0	15701	15701	1949858	15701	1	1.00	172485.0	405749.0
1005	171538.0	405358.0	2417	2417	813521	2417	1	1.00	172485.0	405749.0
1006	171742.0	405424.0	19	19	565248	19	1	1.00	172485.0	405749.0
1007	171157.0	405123.0	33698	33698	1404092	33698	1	1.00	172498.0	405708.0
1008	171035.0	405027.0	9660	9660	1671131	9660	1	1.00	172485.0	405749.0
1009	171607.0	404627.0	18216	18216	1179252	18216	1	1.00	172485.0	405749.0
1010	171199.0	404895.0	3182	3182	1513380	3182	1	1.00	172498.0	405708.0
1011	171296.0	404878.0	468	468	1410919	468	1	1.00	172498.0	405708.0
1012	171892.0	405582.0	14664	14664	366656	14664	1	1.00	172498.0	405708.0
1013	171962.0	405477.0	0	0	343991	0	1	999999.00	172498.0	405708.0
1014	172055.0	405605.0	759	759	224688	759	1	1.00	172498.0	405708.0
1015	172934.0	405869.0	0	0	202339	0	1	999999.00	172563.0	405730.0
1016	172387.0	405528.0	0	0	58899	0	1	999999.00	172498.0	405708.0
1017	172474.0	404538.0	67640	67640	987346	67640	1	1.00	172563.0	405730.0
1018	172610.0	404581.0	53163	53163	1000887	53163	1	1.00	172563.0	405730.0
1019	172852.0	404364.0	0	0	1411571	0	1	999999.00	172498.0	405708.0
1020	172011.0	404448.0	0	0	1218148	0	1	999999.00	172498.0	405708.0
1021	172368.0	404507.0	17	17	1006134	17	1	1.00	172498.0	405708.0
1022	172672.0	404358.0	114374	114374	1342844	114374	1	1.00	172563.0	405730.0
1023	173280.0	404672.0	0	0	1136819	0	1	999999.00	172498.0	405708.0
1024	173345.0	405479.0	0	0	781683	0	1	999999.00	172563.0	405730.0
1025	173341.0	404357.0	1170	1170	1586293	1170	1	1.00	172498.0	405708.0
1026	173573.0	404652.0	29743	29743	1339148	29743	1	1.00	172563.0	405730.0
1027	173560.0	404510.0	31793	31793	1519050	31793	1	1.00	172498.0	405708.0
1028	173336.0	404384.0	55256	55256	1539612	55256	1	1.00	172530.0	405719.0
1029	173811.0	404878.0	0	0	1495446	0	1	999999.00	172563.0	405730.0
1030	174074.0	405433.0	11707	11707	2222434	11707	1	1.00	172546.0	405771.0
1031	174012.0	405335.0	20434	20434	2065383	20434	1	1.00	172563.0	405730.0
1032	174115.0	406472.0	1104	1104	1917758	1104	1	1.00	172563.0	405730.0
1033	174074.0	406799.0	13800	13800	2330941	13800	1	1.00	172546.0	405771.0
1034	173889.0	407192.0	156	156	2764677	156	1	1.00	172546.0	405771.0
1035	174415.0	405409.0	4747	4747	3084248	4747	1	1.00	172563.0	405730.0
1036	174324.0	405324.0	35354	35354	2746101	35354	1	1.00	172563.0	405730.0
1037	174172.0	404989.0	3109	3109	2376624	3109	1	1.00	172563.0	405730.0
1038	174471.0	405239.0	11310	11310	3175972	11310	1	1.00	172563.0	405730.0
1039	172153.0	403781.0	45924	45924	2132168	45924	1	1.00	172498.0	405708.0
1040	174110.0	404431.0	46808	46808	0	46808	1	1.00	0.0	0.0
1041	173530.0	404144.0	15375	15375	2010760	15375	1	1.00	172498.0	405708.0
1042	173392.0	404228.0	4416	4416	1804069	4416	1	1.00	172563.0	405730.0
0	0.0	0.0	0	0	0	0	1	999999.00	0.0	0.0

170523.0	403740.0	0.62997	9
170523.0	403825.1	0.65934	9
170523.0	403910.2	0.71275	10
170523.0	403995.3	0.75362	10
170523.0	404080.4	0.79683	11
170523.0	404165.5	1.08724	13
170523.0	404250.6	1.14632	13
170523.0	404335.7	1.20836	14
170523.0	404420.9	1.30936	14
170523.0	404506.0	1.40355	14
170523.0	404591.1	1.51983	14
170523.0	404676.2	1.64673	14
170523.0	404761.3	1.84497	14
170523.0	404846.4	1.95744	14
170523.0	404931.5	1.96964	14
170523.0	405016.6	1.66685	12
170523.0	405101.7	1.67089	12
170523.0	405186.8	1.82991	12
170523.0	405271.9	1.97402	12
170523.0	405357.0	2.33669	11
170523.0	405442.1	3.02042	11
170523.0	405527.2	3.14979	11
170523.0	405612.3	3.34483	11
170523.0	405697.4	3.68347	11
170523.0	405782.6	3.29374	11
170523.0	405867.7	3.17512	11
170523.0	405952.8	6.07785	11
170523.0	406037.9	31.87266	11
170523.0	406123.0	9.48234	11
170523.0	406208.1	3.54651	11
170523.0	406293.2	2.26366	11
170523.0	406378.3	1.61923	10
170523.0	406463.4	1.28618	10
170523.0	406548.5	1.06691	10
170523.0	406633.6	0.92934	10
170523.0	406718.7	0.82351	10
170523.0	406803.8	0.72069	8
170523.0	406888.9	0.65965	8
170523.0	406974.0	0.55938	6
170523.0	407059.1	0.32080	3
170523.0	407144.3	0.28559	2
170523.0	407229.4	0.25944	2
170523.0	407314.5	0.23712	2
170523.0	407399.6	0.21881	2
170523.0	407484.7	0.20159	2
170523.0	407569.8	0.09678	1
170523.0	407654.9	0.08907	1
170523.0	407740.0	0.08242	1
170608.1	403740.0	0.66011	9
170608.1	403825.1	0.90973	11
170608.1	403910.2	0.94406	11
170608.1	403995.3	0.99797	11
170608.1	404080.4	1.08272	13
170608.1	404165.5	1.15320	13

170608.1	404250.6	1.21339	14
170608.1	404335.7	1.27760	14
170608.1	404420.9	1.35123	14
170608.1	404506.0	1.46604	14
170608.1	404591.1	1.60734	14
170608.1	404676.2	1.78948	14
170608.1	404761.3	1.99924	14
170608.1	404846.4	2.29886	14
170608.1	404931.5	2.30732	14
170608.1	405016.6	2.32920	14
170608.1	405101.7	2.30764	13
170608.1	405186.8	2.42718	13
170608.1	405271.9	2.42769	12
170608.1	405357.0	3.02581	12
170608.1	405442.1	4.49551	12
170608.1	405527.2	6.29242	11
170608.1	405612.3	6.37291	11
170608.1	405697.4	5.27251	11
170608.1	405782.6	3.41201	11
170608.1	405867.7	3.01102	11
170608.1	405952.8	3.85054	11
170608.1	406037.9	7.96495	11
170608.1	406123.0	5.32662	11
170608.1	406208.1	2.92050	11
170608.1	406293.2	1.85415	11
170608.1	406378.3	1.42847	10
170608.1	406463.4	1.18217	10
170608.1	406548.5	1.04154	10
170608.1	406633.6	0.92863	10
170608.1	406718.7	0.84759	10
170608.1	406803.8	0.76820	9
170608.1	406888.9	0.68433	8
170608.1	406974.0	0.62646	8
170608.1	407059.1	0.34521	5
170608.1	407144.3	0.28398	2
170608.1	407229.4	0.25715	2
170608.1	407314.5	0.23566	2
170608.1	407399.6	0.21684	2
170608.1	407484.7	0.20014	2
170608.1	407569.8	0.09840	1
170608.1	407654.9	0.09075	1
170608.1	407740.0	0.08320	1
170693.2	403740.0	0.92137	11
170693.2	403825.1	0.93783	11
170693.2	403910.2	0.97762	11
170693.2	403995.3	1.06014	12
170693.2	404080.4	1.77130	15
170693.2	404165.5	1.82540	16
170693.2	404250.6	1.90536	16
170693.2	404335.7	2.00652	16
170693.2	404420.9	2.05468	16
170693.2	404506.0	2.10752	16
170693.2	404591.1	2.19572	16
170693.2	404676.2	2.11529	15

170693.2	404761.3	2.39382	15
170693.2	404846.4	2.84521	15
170693.2	404931.5	3.08198	15
170693.2	405016.6	3.11764	15
170693.2	405101.7	3.16739	15
170693.2	405186.8	3.05813	13
170693.2	405271.9	3.23830	13
170693.2	405357.0	3.88942	13
170693.2	405442.1	6.80184	13
170693.2	405527.2	31.40428	12
170693.2	405612.3	15.88759	11
170693.2	405697.4	5.58626	11
170693.2	405782.6	3.27630	11
170693.2	405867.7	2.62344	11
170693.2	405952.8	2.52141	11
170693.2	406037.9	2.88454	11
170693.2	406123.0	2.54603	11
170693.2	406208.1	2.01814	11
170693.2	406293.2	1.59606	11
170693.2	406378.3	1.31544	11
170693.2	406463.4	1.08010	10
170693.2	406548.5	0.95707	10
170693.2	406633.6	0.87389	10
170693.2	406718.7	0.80379	10
170693.2	406803.8	0.73688	9
170693.2	406888.9	0.66602	8
170693.2	406974.0	0.61505	8
170693.2	407059.1	0.51721	7
170693.2	407144.3	0.32018	4
170693.2	407229.4	0.26062	2
170693.2	407314.5	0.23944	2
170693.2	407399.6	0.22040	2
170693.2	407484.7	0.20614	2
170693.2	407569.8	0.10068	1
170693.2	407654.9	0.09287	1
170693.2	407740.0	0.08581	1
170778.3	403740.0	1.44662	12
170778.3	403825.1	1.70871	13
170778.3	403910.2	1.72659	13
170778.3	403995.3	1.82888	14
170778.3	404080.4	1.82969	16
170778.3	404165.5	1.91056	16
170778.3	404250.6	1.94333	16
170778.3	404335.7	2.03368	16
170778.3	404420.9	2.17730	16
170778.3	404506.0	2.29289	16
170778.3	404591.1	2.41800	16
170778.3	404676.2	2.63361	16
170778.3	404761.3	2.98696	16
170778.3	404846.4	3.55111	16
170778.3	404931.5	4.31839	16
170778.3	405016.6	4.13315	15
170778.3	405101.7	4.12095	15
170778.3	405186.8	4.32158	15

170778.3	405271.9	4.02082	14
170778.3	405357.0	4.48545	14
170778.3	405442.1	6.27217	13
170778.3	405527.2	21.00447	13
170778.3	405612.3	16.26529	12
170778.3	405697.4	5.46027	12
170778.3	405782.6	3.14228	11
170778.3	405867.7	2.42174	11
170778.3	405952.8	2.05082	11
170778.3	406037.9	1.98064	11
170778.3	406123.0	1.75989	11
170778.3	406208.1	1.51681	11
170778.3	406293.2	1.32013	11
170778.3	406378.3	1.18257	11
170778.3	406463.4	1.00202	10
170778.3	406548.5	0.90873	10
170778.3	406633.6	0.81395	10
170778.3	406718.7	0.74919	10
170778.3	406803.8	0.70140	10
170778.3	406888.9	0.63031	8
170778.3	406974.0	0.59194	8
170778.3	407059.1	0.51000	7
170778.3	407144.3	0.31492	6
170778.3	407229.4	0.28563	3
170778.3	407314.5	0.23557	2
170778.3	407399.6	0.21808	2
170778.3	407484.7	0.20496	2
170778.3	407569.8	0.09899	1
170778.3	407654.9	0.09081	1
170778.3	407740.0	0.08267	1
170863.4	403740.0	1.86826	13
170863.4	403825.1	1.82488	13
170863.4	403910.2	1.83947	14
170863.4	403995.3	1.93510	14
170863.4	404080.4	1.95661	16
170863.4	404165.5	2.04783	16
170863.4	404250.6	2.04149	16
170863.4	404335.7	2.10331	16
170863.4	404420.9	2.26795	16
170863.4	404506.0	2.40734	16
170863.4	404591.1	2.62315	16
170863.4	404676.2	2.94254	16
170863.4	404761.3	3.30197	16
170863.4	404846.4	4.02078	16
170863.4	404931.5	5.64244	16
170863.4	405016.6	6.22446	16
170863.4	405101.7	6.41423	16
170863.4	405186.8	5.99875	16
170863.4	405271.9	5.01636	15
170863.4	405357.0	4.76345	14
170863.4	405442.1	4.92689	14
170863.4	405527.2	6.31954	14
170863.4	405612.3	5.84614	13
170863.4	405697.4	4.22039	13

170863.4	405782.6	2.84901	12
170863.4	405867.7	2.09111	11
170863.4	405952.8	1.73710	11
170863.4	406037.9	1.58548	11
170863.4	406123.0	1.46208	11
170863.4	406208.1	1.25801	11
170863.4	406293.2	1.15888	11
170863.4	406378.3	1.04421	11
170863.4	406463.4	0.96698	11
170863.4	406548.5	0.84833	10
170863.4	406633.6	0.80094	10
170863.4	406718.7	0.74235	10
170863.4	406803.8	0.68262	10
170863.4	406888.9	0.61226	8
170863.4	406974.0	0.57651	8
170863.4	407059.1	0.49736	7
170863.4	407144.3	0.30932	6
170863.4	407229.4	0.28050	4
170863.4	407314.5	0.23071	2
170863.4	407399.6	0.21375	2
170863.4	407484.7	0.19710	2
170863.4	407569.8	0.09528	1
170863.4	407654.9	0.08884	1
170863.4	407740.0	0.08373	1
170948.5	403740.0	1.95832	13
170948.5	403825.1	1.97102	14
170948.5	403910.2	1.93335	14
170948.5	403995.3	2.03323	15
170948.5	404080.4	2.08232	15
170948.5	404165.5	2.15820	16
170948.5	404250.6	2.23815	16
170948.5	404335.7	2.32545	16
170948.5	404420.9	2.46435	16
170948.5	404506.0	2.56805	16
170948.5	404591.1	2.79682	16
170948.5	404676.2	3.16531	16
170948.5	404761.3	3.66735	16
170948.5	404846.4	4.95898	16
170948.5	404931.5	7.52117	16
170948.5	405016.6	11.28392	16
170948.5	405101.7	9.54422	16
170948.5	405186.8	7.45130	16
170948.5	405271.9	7.65414	16
170948.5	405357.0	6.14177	16
170948.5	405442.1	4.40268	14
170948.5	405527.2	3.85265	14
170948.5	405612.3	3.44959	14
170948.5	405697.4	2.75458	13
170948.5	405782.6	2.28922	13
170948.5	405867.7	1.89529	12
170948.5	405952.8	1.61722	11
170948.5	406037.9	1.42034	11
170948.5	406123.0	1.27360	11
170948.5	406208.1	1.14854	11

170948.5	406293.2	1.03595	11
170948.5	406378.3	0.98183	11
170948.5	406463.4	0.90994	11
170948.5	406548.5	0.79300	10
170948.5	406633.6	0.75824	10
170948.5	406718.7	0.72034	10
170948.5	406803.8	0.66908	10
170948.5	406888.9	0.61128	8
170948.5	406974.0	0.56491	8
170948.5	407059.1	0.47977	7
170948.5	407144.3	0.30310	6
170948.5	407229.4	0.28501	6
170948.5	407314.5	0.25966	3
170948.5	407399.6	0.21520	2
170948.5	407484.7	0.20120	2
170948.5	407569.8	0.09311	1
170948.5	407654.9	0.08793	1
170948.5	407740.0	0.08171	1
171033.6	403740.0	2.10074	13
171033.6	403825.1	2.09687	14
171033.6	403910.2	2.05701	15
171033.6	403995.3	2.08869	15
171033.6	404080.4	2.18382	15
171033.6	404165.5	2.25747	16
171033.6	404250.6	2.37764	16
171033.6	404335.7	2.42309	16
171033.6	404420.9	2.60298	16
171033.6	404506.0	2.73631	16
171033.6	404591.1	3.04235	16
171033.6	404676.2	3.44788	16
171033.6	404761.3	3.92642	16
171033.6	404846.4	5.08457	16
171033.6	404931.5	8.63388	16
171033.6	405016.6	35.18412	16
171033.6	405101.7	16.03342	16
171033.6	405186.8	13.52412	16
171033.6	405271.9	10.00657	16
171033.6	405357.0	6.30073	16
171033.6	405442.1	4.40826	15
171033.6	405527.2	3.34979	14
171033.6	405612.3	2.87288	14
171033.6	405697.4	2.40123	14
171033.6	405782.6	2.10923	14
171033.6	405867.7	1.70106	13
171033.6	405952.8	1.46979	12
171033.6	406037.9	1.36749	11
171033.6	406123.0	1.23006	11
171033.6	406208.1	1.10783	11
171033.6	406293.2	0.99500	11
171033.6	406378.3	0.93982	11
171033.6	406463.4	0.86908	11
171033.6	406548.5	0.76287	10
171033.6	406633.6	0.71970	10
171033.6	406718.7	0.68284	10

171033.6	406803.8	0.65797	10
171033.6	406888.9	0.60116	8
171033.6	406974.0	0.55624	8
171033.6	407059.1	0.48212	7
171033.6	407144.3	0.30228	6
171033.6	407229.4	0.27767	6
171033.6	407314.5	0.25172	4
171033.6	407399.6	0.21001	2
171033.6	407484.7	0.19452	2
171033.6	407569.8	0.09067	1
171033.6	407654.9	0.08346	1
171033.6	407740.0	0.07719	1
171118.7	403740.0	2.29817	14
171118.7	403825.1	2.23705	14
171118.7	403910.2	2.24305	15
171118.7	403995.3	2.22037	15
171118.7	404080.4	2.31722	15
171118.7	404165.5	2.37067	16
171118.7	404250.6	2.46236	16
171118.7	404335.7	2.61060	16
171118.7	404420.9	2.78392	16
171118.7	404506.0	2.98833	16
171118.7	404591.1	3.22921	16
171118.7	404676.2	3.64634	16
171118.7	404761.3	4.19414	16
171118.7	404846.4	5.19489	16
171118.7	404931.5	7.89826	16
171118.7	405016.6	15.01880	16
171118.7	405101.7	68.39110	16
171118.7	405186.8	32.81170	16
171118.7	405271.9	11.43869	16
171118.7	405357.0	6.18390	16
171118.7	405442.1	4.54235	16
171118.7	405527.2	3.60743	15
171118.7	405612.3	3.12628	15
171118.7	405697.4	2.33540	14
171118.7	405782.6	2.03320	14
171118.7	405867.7	1.80110	14
171118.7	405952.8	1.50768	13
171118.7	406037.9	1.26549	12
171118.7	406123.0	1.15888	11
171118.7	406208.1	1.07941	11
171118.7	406293.2	0.98609	11
171118.7	406378.3	0.91284	11
171118.7	406463.4	0.86150	11
171118.7	406548.5	0.80611	11
171118.7	406633.6	0.70240	10
171118.7	406718.7	0.67141	10
171118.7	406803.8	0.62985	10
171118.7	406888.9	0.60277	9
171118.7	406974.0	0.55556	8
171118.7	407059.1	0.47708	7
171118.7	407144.3	0.29552	6
171118.7	407229.4	0.27940	6

171118.7	407314.5	0.25397	5
171118.7	407399.6	0.23610	3
171118.7	407484.7	0.18549	2
171118.7	407569.8	0.09034	1
171118.7	407654.9	0.08374	1
171118.7	407740.0	0.07663	1
171203.9	403740.0	2.49032	14
171203.9	403825.1	2.48241	15
171203.9	403910.2	2.42305	15
171203.9	403995.3	2.38230	15
171203.9	404080.4	2.49653	15
171203.9	404165.5	2.53226	16
171203.9	404250.6	2.63160	16
171203.9	404335.7	2.80070	16
171203.9	404420.9	3.05965	16
171203.9	404506.0	3.32686	16
171203.9	404591.1	3.58380	16
171203.9	404676.2	4.05496	16
171203.9	404761.3	4.71380	16
171203.9	404846.4	6.89002	16
171203.9	404931.5	9.40604	16
171203.9	405016.6	12.40568	16
171203.9	405101.7	43.92220	16
171203.9	405186.8	36.62424	16
171203.9	405271.9	12.04814	16
171203.9	405357.0	6.78682	16
171203.9	405442.1	4.71465	16
171203.9	405527.2	3.74702	16
171203.9	405612.3	3.18504	15
171203.9	405697.4	2.78468	15
171203.9	405782.6	1.98530	14
171203.9	405867.7	1.84081	14
171203.9	405952.8	1.70978	14
171203.9	406037.9	1.36967	13
171203.9	406123.0	1.13110	12
171203.9	406208.1	1.05226	11
171203.9	406293.2	0.98886	11
171203.9	406378.3	0.91423	11
171203.9	406463.4	0.85950	11
171203.9	406548.5	0.80593	11
171203.9	406633.6	0.68374	10
171203.9	406718.7	0.64827	10
171203.9	406803.8	0.61350	10
171203.9	406888.9	0.57900	9
171203.9	406974.0	0.53706	8
171203.9	407059.1	0.46633	7
171203.9	407144.3	0.28752	6
171203.9	407229.4	0.27460	6
171203.9	407314.5	0.25919	6
171203.9	407399.6	0.23496	4
171203.9	407484.7	0.18967	2
171203.9	407569.8	0.08701	1
171203.9	407654.9	0.07985	1
171203.9	407740.0	0.07509	1

171289.0	403740.0	2.64387	14
171289.0	403825.1	2.64848	15
171289.0	403910.2	2.63092	15
171289.0	403995.3	2.65081	15
171289.0	404080.4	2.60235	15
171289.0	404165.5	2.71430	15
171289.0	404250.6	2.82038	16
171289.0	404335.7	2.94815	16
171289.0	404420.9	3.27690	16
171289.0	404506.0	3.73775	16
171289.0	404591.1	3.92488	16
171289.0	404676.2	4.33830	16
171289.0	404761.3	5.04207	16
171289.0	404846.4	5.36185	16
171289.0	404931.5	5.83135	16
171289.0	405016.6	8.13958	16
171289.0	405101.7	12.97681	16
171289.0	405186.8	13.04972	16
171289.0	405271.9	9.67046	16
171289.0	405357.0	6.34676	16
171289.0	405442.1	4.39858	16
171289.0	405527.2	3.63643	16
171289.0	405612.3	3.00946	15
171289.0	405697.4	2.69283	15
171289.0	405782.6	2.50467	15
171289.0	405867.7	1.80676	14
171289.0	405952.8	1.71811	14
171289.0	406037.9	1.63094	14
171289.0	406123.0	1.30598	13
171289.0	406208.1	1.02149	11
171289.0	406293.2	0.94363	11
171289.0	406378.3	0.88907	11
171289.0	406463.4	0.84263	11
171289.0	406548.5	0.79989	11
171289.0	406633.6	0.67734	10
171289.0	406718.7	0.63168	10
171289.0	406803.8	0.60090	10
171289.0	406888.9	0.56586	9
171289.0	406974.0	0.52260	8
171289.0	407059.1	0.44444	7
171289.0	407144.3	0.27815	6
171289.0	407229.4	0.26221	6
171289.0	407314.5	0.25289	6
171289.0	407399.6	0.23341	4
171289.0	407484.7	0.13532	2
171289.0	407569.8	0.08915	1
171289.0	407654.9	0.08264	1
171289.0	407740.0	0.07465	1
171374.1	403740.0	2.86130	15
171374.1	403825.1	2.88495	15
171374.1	403910.2	2.86297	15
171374.1	403995.3	2.82318	16
171374.1	404080.4	3.07590	17
171374.1	404165.5	3.26873	17

171374.1	404250.6	3.30362	18
171374.1	404335.7	3.44213	18
171374.1	404420.9	3.65108	18
171374.1	404506.0	4.68541	18
171374.1	404591.1	5.04242	18
171374.1	404676.2	5.24914	18
171374.1	404761.3	5.53863	17
171374.1	404846.4	4.83355	16
171374.1	404931.5	4.92920	16
171374.1	405016.6	5.80122	16
171374.1	405101.7	6.76501	16
171374.1	405186.8	7.02102	16
171374.1	405271.9	5.98542	16
171374.1	405357.0	5.11351	16
171374.1	405442.1	4.41809	16
171374.1	405527.2	3.74370	16
171374.1	405612.3	3.07940	16
171374.1	405697.4	2.73850	15
171374.1	405782.6	2.53449	15
171374.1	405867.7	2.41523	15
171374.1	405952.8	1.75879	14
171374.1	406037.9	1.66123	14
171374.1	406123.0	1.54341	14
171374.1	406208.1	1.22280	13
171374.1	406293.2	0.93323	11
171374.1	406378.3	0.85883	11
171374.1	406463.4	0.81520	11
171374.1	406548.5	0.76976	11
171374.1	406633.6	0.67441	10
171374.1	406718.7	0.63894	10
171374.1	406803.8	0.59350	10
171374.1	406888.9	0.54322	8
171374.1	406974.0	0.52026	8
171374.1	407059.1	0.44289	7
171374.1	407144.3	0.27587	6
171374.1	407229.4	0.25701	6
171374.1	407314.5	0.24516	6
171374.1	407399.6	0.22426	4
171374.1	407484.7	0.13612	3
171374.1	407569.8	0.08781	1
171374.1	407654.9	0.08305	1
171374.1	407740.0	0.07559	1
171459.2	403740.0	3.40302	18
171459.2	403825.1	3.43085	18
171459.2	403910.2	3.45239	18
171459.2	403995.3	3.49019	18
171459.2	404080.4	3.41645	18
171459.2	404165.5	3.52015	18
171459.2	404250.6	3.53263	18
171459.2	404335.7	3.84872	19
171459.2	404420.9	4.21971	19
171459.2	404506.0	5.32759	19
171459.2	404591.1	7.63543	19
171459.2	404676.2	7.52647	19

171459.2	404761.3	6.42094	18
171459.2	404846.4	4.93612	18
171459.2	404931.5	4.76914	18
171459.2	405016.6	4.86404	18
171459.2	405101.7	5.00226	16
171459.2	405186.8	5.02720	16
171459.2	405271.9	4.57887	16
171459.2	405357.0	4.32927	16
171459.2	405442.1	4.51700	16
171459.2	405527.2	3.47027	16
171459.2	405612.3	3.15221	16
171459.2	405697.4	2.86012	15
171459.2	405782.6	2.66969	15
171459.2	405867.7	2.57604	15
171459.2	405952.8	1.84501	14
171459.2	406037.9	1.72024	14
171459.2	406123.0	1.59134	14
171459.2	406208.1	1.47089	14
171459.2	406293.2	0.89682	11
171459.2	406378.3	0.85072	11
171459.2	406463.4	0.79362	11
171459.2	406548.5	0.75751	11
171459.2	406633.6	0.64708	10
171459.2	406718.7	0.61928	10
171459.2	406803.8	0.58599	10
171459.2	406888.9	0.53433	8
171459.2	406974.0	0.51288	8
171459.2	407059.1	0.43629	7
171459.2	407144.3	0.26878	6
171459.2	407229.4	0.25159	6
171459.2	407314.5	0.23720	6
171459.2	407399.6	0.21781	5
171459.2	407484.7	0.13510	3
171459.2	407569.8	0.08633	1
171459.2	407654.9	0.07924	1
171459.2	407740.0	0.07477	1
171544.3	403740.0	3.74761	18
171544.3	403825.1	3.71213	18
171544.3	403910.2	3.78970	19
171544.3	403995.3	3.77475	19
171544.3	404080.4	3.80649	19
171544.3	404165.5	3.97649	19
171544.3	404250.6	4.03908	19
171544.3	404335.7	4.19538	20
171544.3	404420.9	4.77311	19
171544.3	404506.0	7.12895	19
171544.3	404591.1	19.24023	19
171544.3	404676.2	17.52468	19
171544.3	404761.3	7.20993	19
171544.3	404846.4	5.09049	19
171544.3	404931.5	4.53165	19
171544.3	405016.6	4.36042	18
171544.3	405101.7	4.48373	18
171544.3	405186.8	4.46726	18

171544.3	405271.9	4.21330	17
171544.3	405357.0	8.18435	16
171544.3	405442.1	3.88227	16
171544.3	405527.2	3.33208	16
171544.3	405612.3	3.08894	16
171544.3	405697.4	2.89761	15
171544.3	405782.6	2.98138	15
171544.3	405867.7	2.92677	15
171544.3	405952.8	2.69609	15
171544.3	406037.9	1.82055	14
171544.3	406123.0	1.60070	14
171544.3	406208.1	1.47156	14
171544.3	406293.2	1.12129	13
171544.3	406378.3	0.85461	11
171544.3	406463.4	0.78954	11
171544.3	406548.5	0.74591	11
171544.3	406633.6	0.64030	10
171544.3	406718.7	0.61635	10
171544.3	406803.8	0.57995	10
171544.3	406888.9	0.52668	8
171544.3	406974.0	0.44649	7
171544.3	407059.1	0.42571	7
171544.3	407144.3	0.26251	6
171544.3	407229.4	0.24955	6
171544.3	407314.5	0.23366	6
171544.3	407399.6	0.13819	4
171544.3	407484.7	0.13195	3
171544.3	407569.8	0.08251	1
171544.3	407654.9	0.07849	1
171544.3	407740.0	0.07295	1
171629.4	403740.0	4.32882	18
171629.4	403825.1	4.13524	19
171629.4	403910.2	4.12291	19
171629.4	403995.3	4.30993	20
171629.4	404080.4	4.40681	20
171629.4	404165.5	4.50163	20
171629.4	404250.6	4.78597	21
171629.4	404335.7	4.73576	21
171629.4	404420.9	5.46953	22
171629.4	404506.0	7.37802	22
171629.4	404591.1	28.71078	22
171629.4	404676.2	30.60711	22
171629.4	404761.3	8.50826	22
171629.4	404846.4	5.62862	21
171629.4	404931.5	4.80583	21
171629.4	405016.6	4.67817	21
171629.4	405101.7	4.49440	20
171629.4	405186.8	4.32006	18
171629.4	405271.9	4.09664	18
171629.4	405357.0	4.02681	18
171629.4	405442.1	4.09283	16
171629.4	405527.2	3.51352	16
171629.4	405612.3	3.25158	16
171629.4	405697.4	3.44228	16

171629.4	405782.6	3.53168	15
171629.4	405867.7	3.30775	15
171629.4	405952.8	2.89224	15
171629.4	406037.9	2.53882	15
171629.4	406123.0	1.65809	14
171629.4	406208.1	1.48775	14
171629.4	406293.2	1.33301	14
171629.4	406378.3	0.85758	11
171629.4	406463.4	0.80396	11
171629.4	406548.5	0.73898	11
171629.4	406633.6	0.62894	10
171629.4	406718.7	0.59604	10
171629.4	406803.8	0.56751	10
171629.4	406888.9	0.52063	8
171629.4	406974.0	0.44198	7
171629.4	407059.1	0.42229	7
171629.4	407144.3	0.25664	6
171629.4	407229.4	0.24315	6
171629.4	407314.5	0.22988	6
171629.4	407399.6	0.13654	4
171629.4	407484.7	0.12856	3
171629.4	407569.8	0.07996	1
171629.4	407654.9	0.07493	1
171629.4	407740.0	0.00000	0
171714.5	403740.0	5.10389	19
171714.5	403825.1	4.82131	20
171714.5	403910.2	4.69906	20
171714.5	403995.3	4.97745	21
171714.5	404080.4	5.13306	21
171714.5	404165.5	5.25127	21
171714.5	404250.6	5.29455	21
171714.5	404335.7	5.10027	21
171714.5	404420.9	5.95278	21
171714.5	404506.0	7.14592	22
171714.5	404591.1	9.79484	22
171714.5	404676.2	9.76793	22
171714.5	404761.3	7.06326	22
171714.5	404846.4	5.71488	22
171714.5	404931.5	4.86207	22
171714.5	405016.6	4.76457	21
171714.5	405101.7	4.77671	21
171714.5	405186.8	4.54307	21
171714.5	405271.9	4.33761	21
171714.5	405357.0	4.08183	19
171714.5	405442.1	4.32103	18
171714.5	405527.2	4.67474	17
171714.5	405612.3	4.12059	16
171714.5	405697.4	4.92984	16
171714.5	405782.6	4.32459	15
171714.5	405867.7	3.51981	15
171714.5	405952.8	2.93715	15
171714.5	406037.9	2.56096	15
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171714.5	406208.1	1.48755	14

171714.5	406293.2	1.35729	14
171714.5	406378.3	1.06129	13
171714.5	406463.4	0.79546	11
171714.5	406548.5	0.74070	11
171714.5	406633.6	0.63083	10
171714.5	406718.7	0.59127	10
171714.5	406803.8	0.55834	10
171714.5	406888.9	0.51988	8
171714.5	406974.0	0.44367	7
171714.5	407059.1	0.26237	6
171714.5	407144.3	0.25115	6
171714.5	407229.4	0.24044	6
171714.5	407314.5	0.15350	5
171714.5	407399.6	0.13580	4
171714.5	407484.7	0.12998	3
171714.5	407569.8	0.12436	3
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171714.5	407740.0	0.00000	0
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171799.6	403825.1	5.59649	20
171799.6	403910.2	5.42915	21
171799.6	403995.3	5.72110	21
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171799.6	404165.5	5.88248	21
171799.6	404250.6	5.98664	21
171799.6	404335.7	5.97752	21
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171799.6	404676.2	6.79110	22
171799.6	404761.3	6.22623	22
171799.6	404846.4	5.78124	22
171799.6	404931.5	5.46558	22
171799.6	405016.6	5.37553	22
171799.6	405101.7	5.07092	22
171799.6	405186.8	4.80603	21
171799.6	405271.9	4.57641	21
171799.6	405357.0	4.45573	21
171799.6	405442.1	5.15661	20
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171799.6	405612.3	8.25821	18
171799.6	405697.4	7.71296	16
171799.6	405782.6	4.75830	15
171799.6	405867.7	3.53923	15
171799.6	405952.8	2.80018	15
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171799.6	406208.1	1.53364	14
171799.6	406293.2	1.39674	14
171799.6	406378.3	1.28151	14
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171799.6	406548.5	0.75496	11
171799.6	406633.6	0.62983	10
171799.6	406718.7	0.59607	10

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171799.6	406888.9	0.46169	7
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171799.6	407059.1	0.25697	6
171799.6	407144.3	0.24514	6
171799.6	407229.4	0.23569	6
171799.6	407314.5	0.14988	5
171799.6	407399.6	0.13430	4
171799.6	407484.7	0.12809	3
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171799.6	407654.9	0.00000	0
171799.6	407740.0	0.00000	0
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171884.7	403825.1	6.66030	20
171884.7	403910.2	6.65369	20
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171884.7	404080.4	6.53299	21
171884.7	404165.5	6.59899	21
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171884.7	404335.7	6.80593	21
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171884.7	404506.0	6.47462	21
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171884.7	404676.2	6.49425	22
171884.7	404761.3	6.36709	22
171884.7	404846.4	6.21026	22
171884.7	404931.5	6.32234	22
171884.7	405016.6	5.99101	22
171884.7	405101.7	5.53414	22
171884.7	405186.8	5.16478	22
171884.7	405271.9	4.86234	22
171884.7	405357.0	4.67476	21
171884.7	405442.1	5.48786	21
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171884.7	405612.3	39.66455	19
171884.7	405697.4	8.67414	19
171884.7	405782.6	4.67401	15
171884.7	405867.7	3.48345	15
171884.7	405952.8	2.86208	15
171884.7	406037.9	2.44426	15
171884.7	406123.0	2.20759	15
171884.7	406208.1	1.51729	14
171884.7	406293.2	1.41486	14
171884.7	406378.3	1.30051	14
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171884.7	406548.5	0.78172	11
171884.7	406633.6	0.64090	10
171884.7	406718.7	0.60457	10
171884.7	406803.8	0.55308	8
171884.7	406888.9	0.46242	7
171884.7	406974.0	0.44137	7
171884.7	407059.1	0.25486	6
171884.7	407144.3	0.24331	6
171884.7	407229.4	0.16136	5

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171884.7	407399.6	0.13526	4
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171884.7	407740.0	0.00000	0
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171969.8	403910.2	9.38405	20
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171969.8	404165.5	7.43475	21
171969.8	404250.6	7.80651	21
171969.8	404335.7	7.75152	21
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171969.8	404506.0	7.28658	21
171969.8	404591.1	7.24348	21
171969.8	404676.2	7.53219	22
171969.8	404761.3	7.35321	22
171969.8	404846.4	7.36378	22
171969.8	404931.5	7.16245	22
171969.8	405016.6	6.62531	22
171969.8	405101.7	6.09921	22
171969.8	405186.8	5.53224	22
171969.8	405271.9	4.96783	22
171969.8	405357.0	4.85037	22
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171969.8	405527.2	8.59176	21
171969.8	405612.3	12.90643	21
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171969.8	405782.6	4.12889	18
171969.8	405867.7	3.15516	15
171969.8	405952.8	2.68110	15
171969.8	406037.9	2.43558	15
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171969.8	406293.2	1.39480	14
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171969.8	406633.6	0.64650	11
171969.8	406718.7	0.60865	11
171969.8	406803.8	0.49281	8
171969.8	406888.9	0.46964	8
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171969.8	407144.3	0.17105	6
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171969.8	407314.5	0.13936	5
171969.8	407399.6	0.13301	5
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172054.9	404335.7	9.49571	21
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172054.9	404931.5	8.24850	23
172054.9	405016.6	7.45811	23
172054.9	405101.7	6.58142	23
172054.9	405186.8	5.83979	23
172054.9	405271.9	5.27409	23
172054.9	405357.0	4.72500	23
172054.9	405442.1	4.57470	23
172054.9	405527.2	5.00951	22
172054.9	405612.3	5.72787	22
172054.9	405697.4	4.83283	22
172054.9	405782.6	3.87478	19
172054.9	405867.7	3.15343	18
172054.9	405952.8	2.60796	16
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172054.9	406123.0	2.13364	15
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172054.9	406293.2	1.34750	14
172054.9	406378.3	1.28587	14
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172054.9	406803.8	0.49588	8
172054.9	406888.9	0.46968	8
172054.9	406974.0	0.26426	7
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172054.9	407229.4	0.16184	6
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172140.0	403910.2	19.28658	20
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172140.0	404165.5	9.39168	22

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172140.0	404335.7	11.92680	22
172140.0	404420.9	12.52507	22
172140.0	404506.0	11.98659	22
172140.0	404591.1	11.81500	22
172140.0	404676.2	12.37500	23
172140.0	404761.3	11.95104	23
172140.0	404846.4	10.85132	22
172140.0	404931.5	9.54208	24
172140.0	405016.6	8.02174	24
172140.0	405101.7	7.14925	24
172140.0	405186.8	6.13124	24
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172140.0	405357.0	4.68178	24
172140.0	405442.1	4.40992	24
172140.0	405527.2	4.19040	24
172140.0	405612.3	4.56844	23
172140.0	405697.4	3.96663	23
172140.0	405782.6	3.50635	22
172140.0	405867.7	3.04446	21
172140.0	405952.8	2.65750	19
172140.0	406037.9	2.31995	17
172140.0	406123.0	2.07097	15
172140.0	406208.1	1.94069	16
172140.0	406293.2	1.30919	17
172140.0	406378.3	1.23678	17
172140.0	406463.4	1.17068	17
172140.0	406548.5	0.78223	14
172140.0	406633.6	0.64305	13
172140.0	406718.7	0.52379	10
172140.0	406803.8	0.49397	9
172140.0	406888.9	0.27373	8
172140.0	406974.0	0.20305	7
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172140.0	407229.4	0.15598	6
172140.0	407314.5	0.11929	4
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172225.1	404080.4	9.89761	21
172225.1	404165.5	10.69927	21
172225.1	404250.6	11.86504	22
172225.1	404335.7	14.00046	22
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172225.1	404506.0	16.83905	23
172225.1	404591.1	17.01336	24
172225.1	404676.2	16.56474	25

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172225.1	404846.4	12.81065	25
172225.1	404931.5	10.61184	25
172225.1	405016.6	8.95509	26
172225.1	405101.7	7.27614	25
172225.1	405186.8	6.12771	25
172225.1	405271.9	5.33401	25
172225.1	405357.0	4.63998	25
172225.1	405442.1	4.32985	25
172225.1	405527.2	4.02253	24
172225.1	405612.3	3.96568	24
172225.1	405697.4	3.64124	23
172225.1	405782.6	3.23278	22
172225.1	405867.7	2.97932	22
172225.1	405952.8	2.70553	22
172225.1	406037.9	2.40052	21
172225.1	406123.0	2.08226	21
172225.1	406208.1	1.90890	19
172225.1	406293.2	1.78296	18
172225.1	406378.3	1.20724	17
172225.1	406463.4	1.14337	17
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172225.1	406633.6	0.61984	12
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172225.1	406803.8	0.48891	10
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172225.1	406974.0	0.19926	8
172225.1	407059.1	0.18766	8
172225.1	407144.3	0.16686	6
172225.1	407229.4	0.15613	6
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172310.2	404676.2	23.99438	25
172310.2	404761.3	18.35230	25
172310.2	404846.4	14.28888	25
172310.2	404931.5	11.14721	25
172310.2	405016.6	9.09673	25
172310.2	405101.7	7.36846	25
172310.2	405186.8	6.15694	26

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172310.2	405697.4	3.53977	26
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172310.2	405952.8	2.63978	23
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172310.2	406293.2	1.74199	20
172310.2	406378.3	1.20593	18
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172310.2	406803.8	0.22652	8
172310.2	406888.9	0.21043	8
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172310.2	407399.6	0.12975	4
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172395.3	404165.5	14.07506	23
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172395.3	404335.7	19.58459	23
172395.3	404420.9	28.44510	24
172395.3	404506.0	62.64107	25
172395.3	404591.1	56.26312	25
172395.3	404676.2	30.70401	25
172395.3	404761.3	20.64412	25
172395.3	404846.4	15.43095	26
172395.3	404931.5	11.37516	26
172395.3	405016.6	8.97663	26
172395.3	405101.7	7.65809	26
172395.3	405186.8	6.63024	26
172395.3	405271.9	5.64532	26
172395.3	405357.0	5.02807	27
172395.3	405442.1	4.48165	27
172395.3	405527.2	4.05036	27
172395.3	405612.3	3.77221	27
172395.3	405697.4	3.52278	27

172395.3	405782.6	3.06760	27
172395.3	405867.7	2.86479	26
172395.3	405952.8	2.68062	25
172395.3	406037.9	2.47967	24
172395.3	406123.0	2.35046	23
172395.3	406208.1	1.93029	21
172395.3	406293.2	1.78791	20
172395.3	406378.3	1.21206	19
172395.3	406463.4	1.13403	19
172395.3	406548.5	0.67453	12
172395.3	406633.6	0.54088	10
172395.3	406718.7	0.24761	8
172395.3	406803.8	0.22155	7
172395.3	406888.9	0.20510	7
172395.3	406974.0	0.18769	7
172395.3	407059.1	0.17528	7
172395.3	407144.3	0.16435	7
172395.3	407229.4	0.14576	6
172395.3	407314.5	0.14304	5
172395.3	407399.6	0.13813	5
172395.3	407484.7	0.13644	5
172395.3	407569.8	0.07683	3
172395.3	407654.9	0.07735	2
172395.3	407740.0	0.08138	2
172480.4	403740.0	7.21445	21
172480.4	403825.1	8.25501	21
172480.4	403910.2	9.15640	21
172480.4	403995.3	11.00541	22
172480.4	404080.4	13.07984	23
172480.4	404165.5	16.12836	23
172480.4	404250.6	23.66585	24
172480.4	404335.7	27.79310	24
172480.4	404420.9	34.69294	24
172480.4	404506.0	132.43889	24
172480.4	404591.1	111.87684	26
172480.4	404676.2	34.27475	26
172480.4	404761.3	22.57557	26
172480.4	404846.4	16.21509	26
172480.4	404931.5	12.44276	27
172480.4	405016.6	9.85645	27
172480.4	405101.7	8.14995	28
172480.4	405186.8	6.89171	28
172480.4	405271.9	5.90974	28
172480.4	405357.0	5.21741	29
172480.4	405442.1	4.62520	28
172480.4	405527.2	4.20905	28
172480.4	405612.3	3.83673	28
172480.4	405697.4	3.53348	29
172480.4	405782.6	3.13083	29
172480.4	405867.7	2.87310	28
172480.4	405952.8	2.75694	27
172480.4	406037.9	2.56141	26
172480.4	406123.0	2.39374	24
172480.4	406208.1	1.96682	21

172480.4	406293.2	1.83158	21
172480.4	406378.3	1.17228	19
172480.4	406463.4	1.00402	15
172480.4	406548.5	0.64789	11
172480.4	406633.6	0.27584	8
172480.4	406718.7	0.25056	7
172480.4	406803.8	0.22277	7
172480.4	406888.9	0.20320	7
172480.4	406974.0	0.18951	7
172480.4	407059.1	0.18064	7
172480.4	407144.3	0.15900	6
172480.4	407229.4	0.14943	6
172480.4	407314.5	0.14491	5
172480.4	407399.6	0.14337	5
172480.4	407484.7	0.13835	5
172480.4	407569.8	0.08836	3
172480.4	407654.9	0.08502	2
172480.4	407740.0	0.09142	2
172565.6	403740.0	6.60874	21
172565.6	403825.1	7.85812	22
172565.6	403910.2	9.11428	22
172565.6	403995.3	10.71007	23
172565.6	404080.4	14.20250	23
172565.6	404165.5	21.03000	24
172565.6	404250.6	34.56921	24
172565.6	404335.7	57.94283	24
172565.6	404420.9	53.13507	25
172565.6	404506.0	58.51881	25
172565.6	404591.1	81.33418	25
172565.6	404676.2	44.63482	27
172565.6	404761.3	23.83428	28
172565.6	404846.4	16.48003	28
172565.6	404931.5	12.63889	28
172565.6	405016.6	10.04274	28
172565.6	405101.7	8.39146	28
172565.6	405186.8	7.12260	28
172565.6	405271.9	6.11449	29
172565.6	405357.0	5.34916	29
172565.6	405442.1	4.76473	29
172565.6	405527.2	4.30250	30
172565.6	405612.3	3.92495	30
172565.6	405697.4	3.61604	31
172565.6	405782.6	3.14918	29
172565.6	405867.7	2.93949	28
172565.6	405952.8	2.71769	27
172565.6	406037.9	2.57350	27
172565.6	406123.0	2.39605	26
172565.6	406208.1	2.25916	23
172565.6	406293.2	1.87008	20
172565.6	406378.3	1.14847	16
172565.6	406463.4	0.99720	13
172565.6	406548.5	0.49641	10
172565.6	406633.6	0.34113	9
172565.6	406718.7	0.25332	8

172565.6	406803.8	0.22695	7
172565.6	406888.9	0.21381	7
172565.6	406974.0	0.19417	7
172565.6	407059.1	0.18337	7
172565.6	407144.3	0.16188	6
172565.6	407229.4	0.15529	6
172565.6	407314.5	0.15166	5
172565.6	407399.6	0.14762	5
172565.6	407484.7	0.09591	4
172565.6	407569.8	0.09938	3
172565.6	407654.9	0.10314	3
172565.6	407740.0	0.09807	2
172650.7	403740.0	6.24634	20
172650.7	403825.1	7.48744	21
172650.7	403910.2	8.96150	23
172650.7	403995.3	11.05353	23
172650.7	404080.4	14.98847	24
172650.7	404165.5	23.03009	24
172650.7	404250.6	47.67292	25
172650.7	404335.7	299.39938	25
172650.7	404420.9	121.92944	26
172650.7	404506.0	51.30443	27
172650.7	404591.1	124.73737	27
172650.7	404676.2	40.61161	27
172650.7	404761.3	23.62898	27
172650.7	404846.4	17.30461	27
172650.7	404931.5	12.98639	27
172650.7	405016.6	10.16158	28
172650.7	405101.7	8.47463	28
172650.7	405186.8	7.18169	29
172650.7	405271.9	6.21267	29
172650.7	405357.0	5.37773	29
172650.7	405442.1	4.80835	30
172650.7	405527.2	4.40144	30
172650.7	405612.3	4.00924	30
172650.7	405697.4	3.71757	31
172650.7	405782.6	3.25644	30
172650.7	405867.7	2.99588	29
172650.7	405952.8	2.72555	28
172650.7	406037.9	2.60188	28
172650.7	406123.0	2.44465	25
172650.7	406208.1	2.31664	24
172650.7	406293.2	1.86845	19
172650.7	406378.3	1.14578	15
172650.7	406463.4	0.89807	12
172650.7	406548.5	0.49480	10
172650.7	406633.6	0.34047	9
172650.7	406718.7	0.31991	9
172650.7	406803.8	0.23978	8
172650.7	406888.9	0.21531	7
172650.7	406974.0	0.20263	7
172650.7	407059.1	0.18211	6
172650.7	407144.3	0.16849	6
172650.7	407229.4	0.16145	5

172650.7	407314.5	0.15935	5
172650.7	407399.6	0.15224	5
172650.7	407484.7	0.10428	4
172650.7	407569.8	0.10728	3
172650.7	407654.9	0.11510	3
172650.7	407740.0	0.11356	3
172735.8	403740.0	5.92940	18
172735.8	403825.1	6.94075	21
172735.8	403910.2	8.16833	22
172735.8	403995.3	10.51866	24
172735.8	404080.4	14.34834	24
172735.8	404165.5	22.30750	25
172735.8	404250.6	46.05783	26
172735.8	404335.7	111.18908	27
172735.8	404420.9	92.34317	27
172735.8	404506.0	42.41817	27
172735.8	404591.1	36.51191	27
172735.8	404676.2	26.33518	27
172735.8	404761.3	20.64323	27
172735.8	404846.4	16.44496	27
172735.8	404931.5	12.88136	27
172735.8	405016.6	10.20230	27
172735.8	405101.7	8.32983	28
172735.8	405186.8	6.91950	28
172735.8	405271.9	6.06923	28
172735.8	405357.0	5.33805	29
172735.8	405442.1	4.76804	29
172735.8	405527.2	4.35258	29
172735.8	405612.3	3.99950	30
172735.8	405697.4	3.52077	29
172735.8	405782.6	3.30625	29
172735.8	405867.7	3.04352	29
172735.8	405952.8	2.80765	28
172735.8	406037.9	2.62076	27
172735.8	406123.0	2.45638	25
172735.8	406208.1	2.33123	24
172735.8	406293.2	1.92245	19
172735.8	406378.3	1.11149	16
172735.8	406463.4	1.06514	15
172735.8	406548.5	0.49659	10
172735.8	406633.6	0.34563	9
172735.8	406718.7	0.33088	9
172735.8	406803.8	0.31489	9
172735.8	406888.9	0.22888	8
172735.8	406974.0	0.19413	6
172735.8	407059.1	0.18819	6
172735.8	407144.3	0.17916	6
172735.8	407229.4	0.17385	5
172735.8	407314.5	0.16954	5
172735.8	407399.6	0.11520	4
172735.8	407484.7	0.11992	4
172735.8	407569.8	0.12480	3
172735.8	407654.9	0.12409	3
172735.8	407740.0	0.12562	3

172820.9	403740.0	5.62697	18
172820.9	403825.1	6.73522	21
172820.9	403910.2	7.91308	22
172820.9	403995.3	9.87236	22
172820.9	404080.4	14.02940	24
172820.9	404165.5	19.65348	26
172820.9	404250.6	28.68524	27
172820.9	404335.7	37.39753	27
172820.9	404420.9	35.32253	27
172820.9	404506.0	28.37780	27
172820.9	404591.1	24.44209	27
172820.9	404676.2	19.44922	27
172820.9	404761.3	15.88067	27
172820.9	404846.4	13.51254	27
172820.9	404931.5	11.85448	27
172820.9	405016.6	9.74114	28
172820.9	405101.7	8.10769	28
172820.9	405186.8	6.89705	28
172820.9	405271.9	5.91717	29
172820.9	405357.0	5.22042	29
172820.9	405442.1	4.67367	29
172820.9	405527.2	4.33450	30
172820.9	405612.3	4.04782	30
172820.9	405697.4	3.49455	29
172820.9	405782.6	3.25620	29
172820.9	405867.7	3.06876	29
172820.9	405952.8	2.84963	28
172820.9	406037.9	2.57659	26
172820.9	406123.0	2.44169	25
172820.9	406208.1	2.30131	23
172820.9	406293.2	2.15489	20
172820.9	406378.3	1.13048	16
172820.9	406463.4	1.07937	15
172820.9	406548.5	0.68059	12
172820.9	406633.6	0.54332	10
172820.9	406718.7	0.33549	9
172820.9	406803.8	0.31075	9
172820.9	406888.9	0.29996	9
172820.9	406974.0	0.21316	7
172820.9	407059.1	0.19261	6
172820.9	407144.3	0.18608	5
172820.9	407229.4	0.18500	5
172820.9	407314.5	0.18143	5
172820.9	407399.6	0.12679	4
172820.9	407484.7	0.13211	3
172820.9	407569.8	0.14038	3
172820.9	407654.9	0.13890	3
172820.9	407740.0	0.13578	3
172906.0	403740.0	5.52474	16
172906.0	403825.1	6.57120	19
172906.0	403910.2	7.92410	22
172906.0	403995.3	9.78845	24
172906.0	404080.4	12.19919	24
172906.0	404165.5	15.42580	26

172906.0	404250.6	18.99579	26
172906.0	404335.7	21.43675	27
172906.0	404420.9	20.96392	27
172906.0	404506.0	19.05413	27
172906.0	404591.1	17.07036	27
172906.0	404676.2	15.33316	27
172906.0	404761.3	13.32858	27
172906.0	404846.4	12.04862	27
172906.0	404931.5	10.20852	28
172906.0	405016.6	8.95976	28
172906.0	405101.7	7.74009	28
172906.0	405186.8	6.79792	29
172906.0	405271.9	5.83998	29
172906.0	405357.0	5.11446	29
172906.0	405442.1	4.64814	29
172906.0	405527.2	4.22813	30
172906.0	405612.3	3.88598	30
172906.0	405697.4	3.43370	29
172906.0	405782.6	3.19546	28
172906.0	405867.7	2.99761	28
172906.0	405952.8	2.84192	27
172906.0	406037.9	2.64299	26
172906.0	406123.0	2.42726	23
172906.0	406208.1	2.24874	21
172906.0	406293.2	2.14795	21
172906.0	406378.3	1.27640	18
172906.0	406463.4	1.11833	16
172906.0	406548.5	0.69603	12
172906.0	406633.6	0.59720	11
172906.0	406718.7	0.56428	11
172906.0	406803.8	0.32092	9
172906.0	406888.9	0.30040	8
172906.0	406974.0	0.28840	8
172906.0	407059.1	0.20208	5
172906.0	407144.3	0.19458	5
172906.0	407229.4	0.19522	5
172906.0	407314.5	0.14152	4
172906.0	407399.6	0.14548	4
172906.0	407484.7	0.15558	3
172906.0	407569.8	0.15248	3
172906.0	407654.9	0.15396	3
172906.0	407740.0	0.14437	3
172991.1	403740.0	5.49886	15
172991.1	403825.1	6.44393	17
172991.1	403910.2	7.79794	21
172991.1	403995.3	8.88642	23
172991.1	404080.4	10.53222	25
172991.1	404165.5	13.48262	25
172991.1	404250.6	14.57677	25
172991.1	404335.7	15.90179	26
172991.1	404420.9	15.76111	26
172991.1	404506.0	14.44513	26
172991.1	404591.1	13.81863	26
172991.1	404676.2	12.81390	27

172991.1	404761.3	11.46398	27
172991.1	404846.4	10.46114	28
172991.1	404931.5	9.54076	28
172991.1	405016.6	8.31950	28
172991.1	405101.7	7.05654	28
172991.1	405186.8	6.29788	29
172991.1	405271.9	5.68816	29
172991.1	405357.0	5.17080	29
172991.1	405442.1	4.54772	30
172991.1	405527.2	4.20626	29
172991.1	405612.3	3.65646	28
172991.1	405697.4	3.36575	28
172991.1	405782.6	3.12253	28
172991.1	405867.7	2.95976	27
172991.1	405952.8	2.82692	25
172991.1	406037.9	2.69593	25
172991.1	406123.0	2.39364	22
172991.1	406208.1	2.23651	21
172991.1	406293.2	2.12375	21
172991.1	406378.3	1.29348	18
172991.1	406463.4	1.12424	16
172991.1	406548.5	0.81067	14
172991.1	406633.6	0.61713	11
172991.1	406718.7	0.59239	11
172991.1	406803.8	0.56498	10
172991.1	406888.9	0.31189	8
172991.1	406974.0	0.30687	8
172991.1	407059.1	0.22558	6
172991.1	407144.3	0.20552	5
172991.1	407229.4	0.20714	5
172991.1	407314.5	0.15801	4
172991.1	407399.6	0.16828	3
172991.1	407484.7	0.17028	3
172991.1	407569.8	0.17438	3
172991.1	407654.9	0.16378	3
172991.1	407740.0	0.15417	3
173076.2	403740.0	5.38623	16
173076.2	403825.1	6.31402	18
173076.2	403910.2	7.35006	19
173076.2	403995.3	8.31300	23
173076.2	404080.4	10.25325	24
173076.2	404165.5	11.88111	24
173076.2	404250.6	14.16695	25
173076.2	404335.7	14.08963	25
173076.2	404420.9	13.49397	25
173076.2	404506.0	12.71841	25
173076.2	404591.1	11.87272	26
173076.2	404676.2	11.08291	26
173076.2	404761.3	9.83842	26
173076.2	404846.4	8.86066	27
173076.2	404931.5	8.53345	27
173076.2	405016.6	7.59575	27
173076.2	405101.7	6.87272	28
173076.2	405186.8	5.96664	28

173076.2	405271.9	5.41611	28
173076.2	405357.0	4.95637	28
173076.2	405442.1	4.51362	29
173076.2	405527.2	4.17223	29
173076.2	405612.3	3.60368	27
173076.2	405697.4	3.37387	26
173076.2	405782.6	3.16679	26
173076.2	405867.7	2.98376	25
173076.2	405952.8	2.82339	25
173076.2	406037.9	2.66878	24
173076.2	406123.0	2.43663	23
173076.2	406208.1	2.23800	21
173076.2	406293.2	2.13210	21
173076.2	406378.3	1.28814	17
173076.2	406463.4	0.95059	15
173076.2	406548.5	0.84330	14
173076.2	406633.6	0.74031	13
173076.2	406718.7	0.62033	10
173076.2	406803.8	0.57552	10
173076.2	406888.9	0.35136	9
173076.2	406974.0	0.31826	7
173076.2	407059.1	0.30681	7
173076.2	407144.3	0.24203	6
173076.2	407229.4	0.18078	4
173076.2	407314.5	0.18513	4
173076.2	407399.6	0.19546	3
173076.2	407484.7	0.19603	3
173076.2	407569.8	0.18796	3
173076.2	407654.9	0.17784	3
173076.2	407740.0	0.16947	3
173161.3	403740.0	5.48797	18
173161.3	403825.1	6.03077	18
173161.3	403910.2	6.88489	19
173161.3	403995.3	8.28806	20
173161.3	404080.4	10.08344	22
173161.3	404165.5	11.75841	23
173161.3	404250.6	15.15403	24
173161.3	404335.7	16.74300	24
173161.3	404420.9	14.66576	24
173161.3	404506.0	14.78584	24
173161.3	404591.1	11.73909	25
173161.3	404676.2	9.77264	25
173161.3	404761.3	8.96139	26
173161.3	404846.4	8.14000	26
173161.3	404931.5	7.44535	26
173161.3	405016.6	6.78551	26
173161.3	405101.7	6.15759	27
173161.3	405186.8	5.75558	27
173161.3	405271.9	5.29216	27
173161.3	405357.0	4.79290	27
173161.3	405442.1	4.39935	27
173161.3	405527.2	3.88064	26
173161.3	405612.3	3.61367	25
173161.3	405697.4	3.37001	25

173161.3	405782.6	3.15277	25
173161.3	405867.7	2.98691	25
173161.3	405952.8	2.83242	24
173161.3	406037.9	2.65470	24
173161.3	406123.0	2.46468	23
173161.3	406208.1	2.24324	22
173161.3	406293.2	2.11881	21
173161.3	406378.3	1.29057	17
173161.3	406463.4	1.10061	16
173161.3	406548.5	0.88803	13
173161.3	406633.6	0.75049	12
173161.3	406718.7	0.70574	11
173161.3	406803.8	0.60233	10
173161.3	406888.9	0.57023	9
173161.3	406974.0	0.33968	7
173161.3	407059.1	0.33374	7
173161.3	407144.3	0.32040	6
173161.3	407229.4	0.20539	4
173161.3	407314.5	0.21827	3
173161.3	407399.6	0.22202	3
173161.3	407484.7	0.21839	3
173161.3	407569.8	0.20656	3
173161.3	407654.9	0.19487	3
173161.3	407740.0	0.18242	3
173246.4	403740.0	5.38662	18
173246.4	403825.1	5.97916	19
173246.4	403910.2	6.86574	19
173246.4	403995.3	8.21579	19
173246.4	404080.4	9.82228	20
173246.4	404165.5	12.04996	22
173246.4	404250.6	19.17948	22
173246.4	404335.7	39.13638	23
173246.4	404420.9	31.82596	23
173246.4	404506.0	21.46746	24
173246.4	404591.1	11.97322	24
173246.4	404676.2	9.56942	25
173246.4	404761.3	8.57154	25
173246.4	404846.4	7.62435	25
173246.4	404931.5	6.78873	25
173246.4	405016.6	6.30730	26
173246.4	405101.7	5.77191	26
173246.4	405186.8	5.41815	26
173246.4	405271.9	5.08952	26
173246.4	405357.0	4.74785	26
173246.4	405442.1	4.41181	26
173246.4	405527.2	3.78991	25
173246.4	405612.3	3.58651	25
173246.4	405697.4	3.34194	25
173246.4	405782.6	3.15639	24
173246.4	405867.7	2.95381	24
173246.4	405952.8	2.83164	24
173246.4	406037.9	2.68424	24
173246.4	406123.0	2.57182	24
173246.4	406208.1	2.39295	23

173246.4	406293.2	1.62461	20
173246.4	406378.3	1.56443	18
173246.4	406463.4	1.11446	15
173246.4	406548.5	0.91787	13
173246.4	406633.6	0.80598	12
173246.4	406718.7	0.75326	12
173246.4	406803.8	0.68268	10
173246.4	406888.9	0.58933	9
173246.4	406974.0	0.56555	9
173246.4	407059.1	0.35358	6
173246.4	407144.3	0.35487	6
173246.4	407229.4	0.27025	4
173246.4	407314.5	0.25813	3
173246.4	407399.6	0.26105	3
173246.4	407484.7	0.24043	3
173246.4	407569.8	0.22888	3
173246.4	407654.9	0.20960	3
173246.4	407740.0	0.19473	3
173331.5	403740.0	5.37239	19
173331.5	403825.1	6.04714	19
173331.5	403910.2	6.87621	19
173331.5	403995.3	8.14450	19
173331.5	404080.4	10.22545	20
173331.5	404165.5	12.53540	20
173331.5	404250.6	19.11556	22
173331.5	404335.7	69.78663	22
173331.5	404420.9	127.51289	22
173331.5	404506.0	28.02695	23
173331.5	404591.1	14.07345	23
173331.5	404676.2	10.10109	24
173331.5	404761.3	9.21707	24
173331.5	404846.4	8.13634	24
173331.5	404931.5	6.96900	24
173331.5	405016.6	6.08094	25
173331.5	405101.7	5.71953	25
173331.5	405186.8	5.19635	25
173331.5	405271.9	4.92930	26
173331.5	405357.0	4.62281	26
173331.5	405442.1	4.10441	25
173331.5	405527.2	3.82486	25
173331.5	405612.3	3.58752	25
173331.5	405697.4	3.34123	24
173331.5	405782.6	3.17409	24
173331.5	405867.7	3.02559	24
173331.5	405952.8	2.86186	24
173331.5	406037.9	2.72807	24
173331.5	406123.0	2.59436	24
173331.5	406208.1	2.42566	23
173331.5	406293.2	1.69794	18
173331.5	406378.3	1.44095	16
173331.5	406463.4	1.12330	14
173331.5	406548.5	0.94819	13
173331.5	406633.6	0.89832	13
173331.5	406718.7	0.77491	11

173331.5	406803.8	0.71847	11
173331.5	406888.9	0.61416	9
173331.5	406974.0	0.58838	8
173331.5	407059.1	0.57983	8
173331.5	407144.3	0.40344	6
173331.5	407229.4	0.32341	4
173331.5	407314.5	0.30545	3
173331.5	407399.6	0.28923	3
173331.5	407484.7	0.27241	3
173331.5	407569.8	0.24794	3
173331.5	407654.9	0.22626	3
173331.5	407740.0	0.21095	3
173416.6	403740.0	5.30671	18
173416.6	403825.1	6.14518	19
173416.6	403910.2	7.22327	19
173416.6	403995.3	8.33312	19
173416.6	404080.4	10.82522	19
173416.6	404165.5	12.88368	20
173416.6	404250.6	17.62951	20
173416.6	404335.7	33.82600	22
173416.6	404420.9	44.02983	22
173416.6	404506.0	25.18226	22
173416.6	404591.1	16.23484	22
173416.6	404676.2	12.16436	24
173416.6	404761.3	11.00934	24
173416.6	404846.4	9.02237	24
173416.6	404931.5	7.19865	25
173416.6	405016.6	6.25321	25
173416.6	405101.7	5.61865	25
173416.6	405186.8	5.20038	25
173416.6	405271.9	4.78372	26
173416.6	405357.0	4.34394	25
173416.6	405442.1	4.05135	25
173416.6	405527.2	3.78402	24
173416.6	405612.3	3.58850	24
173416.6	405697.4	3.44797	24
173416.6	405782.6	3.20003	24
173416.6	405867.7	3.05576	24
173416.6	405952.8	2.89492	24
173416.6	406037.9	2.76242	24
173416.6	406123.0	2.63620	23
173416.6	406208.1	2.45443	22
173416.6	406293.2	1.91289	19
173416.6	406378.3	1.47601	16
173416.6	406463.4	1.14359	14
173416.6	406548.5	0.98875	12
173416.6	406633.6	0.94025	12
173416.6	406718.7	0.82237	11
173416.6	406803.8	0.74583	11
173416.6	406888.9	0.70317	9
173416.6	406974.0	0.62929	8
173416.6	407059.1	0.63368	8
173416.6	407144.3	0.45862	5
173416.6	407229.4	0.47099	5

173416.6	407314.5	0.37086	4
173416.6	407399.6	0.32873	3
173416.6	407484.7	0.30093	3
173416.6	407569.8	0.26644	3
173416.6	407654.9	0.24019	3
173416.6	407740.0	0.21770	3
173501.7	403740.0	5.19462	18
173501.7	403825.1	6.02062	18
173501.7	403910.2	7.13445	18
173501.7	403995.3	9.05619	19
173501.7	404080.4	16.56260	19
173501.7	404165.5	38.06752	19
173501.7	404250.6	14.30227	20
173501.7	404335.7	19.15600	20
173501.7	404420.9	26.97795	21
173501.7	404506.0	37.38988	22
173501.7	404591.1	27.74540	23
173501.7	404676.2	25.12450	23
173501.7	404761.3	15.40707	23
173501.7	404846.4	9.88722	23
173501.7	404931.5	7.59571	24
173501.7	405016.6	6.40277	25
173501.7	405101.7	5.70308	25
173501.7	405186.8	5.31388	25
173501.7	405271.9	4.66688	24
173501.7	405357.0	4.36185	24
173501.7	405442.1	4.08199	24
173501.7	405527.2	3.85464	24
173501.7	405612.3	3.70325	24
173501.7	405697.4	3.51100	24
173501.7	405782.6	3.34286	23
173501.7	405867.7	3.11596	23
173501.7	405952.8	2.94942	23
173501.7	406037.9	2.80100	23
173501.7	406123.0	2.68937	23
173501.7	406208.1	2.09111	20
173501.7	406293.2	1.83992	18
173501.7	406378.3	1.27058	13
173501.7	406463.4	1.22282	13
173501.7	406548.5	1.05171	12
173501.7	406633.6	0.98704	12
173501.7	406718.7	0.88234	11
173501.7	406803.8	0.79992	10
173501.7	406888.9	0.76798	9
173501.7	406974.0	0.75448	9
173501.7	407059.1	0.71809	7
173501.7	407144.3	0.72400	7
173501.7	407229.4	0.52099	5
173501.7	407314.5	0.42599	4
173501.7	407399.6	0.36669	3
173501.7	407484.7	0.32406	3
173501.7	407569.8	0.28965	3
173501.7	407654.9	0.25614	3
173501.7	407740.0	0.22929	3

173586.8	403740.0	5.12960	18
173586.8	403825.1	5.83851	18
173586.8	403910.2	7.04961	18
173586.8	403995.3	9.04175	18
173586.8	404080.4	14.29430	18
173586.8	404165.5	20.60580	18
173586.8	404250.6	13.16282	18
173586.8	404335.7	14.74171	19
173586.8	404420.9	21.97710	20
173586.8	404506.0	98.95470	20
173586.8	404591.1	37.17667	22
173586.8	404676.2	107.70928	23
173586.8	404761.3	23.98442	23
173586.8	404846.4	12.50832	23
173586.8	404931.5	8.51921	23
173586.8	405016.6	6.72981	23
173586.8	405101.7	5.83118	23
173586.8	405186.8	5.27263	22
173586.8	405271.9	4.92136	23
173586.8	405357.0	4.47101	23
173586.8	405442.1	4.24280	23
173586.8	405527.2	3.96158	23
173586.8	405612.3	3.86806	23
173586.8	405697.4	3.69412	23
173586.8	405782.6	3.44348	23
173586.8	405867.7	3.23080	23
173586.8	405952.8	3.02823	23
173586.8	406037.9	2.87011	23
173586.8	406123.0	2.74647	22
173586.8	406208.1	2.04775	18
173586.8	406293.2	1.91161	17
173586.8	406378.3	1.32360	13
173586.8	406463.4	1.27613	13
173586.8	406548.5	1.11897	12
173586.8	406633.6	1.07639	12
173586.8	406718.7	0.98545	10
173586.8	406803.8	0.90927	10
173586.8	406888.9	0.87323	10
173586.8	406974.0	0.85585	8
173586.8	407059.1	0.81692	7
173586.8	407144.3	0.81184	7
173586.8	407229.4	0.61124	6
173586.8	407314.5	0.49601	4
173586.8	407399.6	0.40606	3
173586.8	407484.7	0.35443	3
173586.8	407569.8	0.30675	3
173586.8	407654.9	0.26760	3
173586.8	407740.0	0.22925	3
173671.9	403740.0	5.12063	18
173671.9	403825.1	5.85065	18
173671.9	403910.2	6.74539	18
173671.9	403995.3	8.06974	18
173671.9	404080.4	10.21198	18
173671.9	404165.5	10.56910	18

173671.9	404250.6	9.90374	18
173671.9	404335.7	11.24514	18
173671.9	404420.9	14.11209	18
173671.9	404506.0	22.08035	19
173671.9	404591.1	21.41819	20
173671.9	404676.2	23.79816	21
173671.9	404761.3	18.15417	21
173671.9	404846.4	12.28011	22
173671.9	404931.5	8.82139	23
173671.9	405016.6	6.87036	23
173671.9	405101.7	5.78734	22
173671.9	405186.8	5.46577	22
173671.9	405271.9	5.25162	23
173671.9	405357.0	4.86194	23
173671.9	405442.1	4.49878	23
173671.9	405527.2	4.35972	23
173671.9	405612.3	4.20805	23
173671.9	405697.4	3.86922	23
173671.9	405782.6	3.58792	23
173671.9	405867.7	3.29038	23
173671.9	405952.8	3.07363	22
173671.9	406037.9	2.91269	21
173671.9	406123.0	2.40024	20
173671.9	406208.1	2.12112	18
173671.9	406293.2	1.89985	16
173671.9	406378.3	1.58203	14
173671.9	406463.4	1.30333	13
173671.9	406548.5	1.19588	11
173671.9	406633.6	1.21283	11
173671.9	406718.7	1.13379	10
173671.9	406803.8	1.03799	9
173671.9	406888.9	1.01808	9
173671.9	406974.0	1.02191	8
173671.9	407059.1	1.04880	8
173671.9	407144.3	0.95142	7
173671.9	407229.4	0.73625	6
173671.9	407314.5	0.55801	4
173671.9	407399.6	0.44315	3
173671.9	407484.7	0.37312	3
173671.9	407569.8	0.31660	3
173671.9	407654.9	0.26375	3
173671.9	407740.0	0.23072	3
173757.0	403740.0	4.89671	18
173757.0	403825.1	5.52344	18
173757.0	403910.2	6.22575	18
173757.0	403995.3	7.24352	18
173757.0	404080.4	8.27794	18
173757.0	404165.5	8.60059	18
173757.0	404250.6	8.61278	18
173757.0	404335.7	9.41301	18
173757.0	404420.9	11.58821	18
173757.0	404506.0	14.16461	19
173757.0	404591.1	14.32697	20
173757.0	404676.2	15.05023	20

173757.0	404761.3	12.86736	20
173757.0	404846.4	10.54881	21
173757.0	404931.5	8.59040	22
173757.0	405016.6	6.86046	21
173757.0	405101.7	5.88516	21
173757.0	405186.8	5.78917	21
173757.0	405271.9	5.92734	22
173757.0	405357.0	5.33433	22
173757.0	405442.1	5.30151	22
173757.0	405527.2	5.00161	22
173757.0	405612.3	4.56988	22
173757.0	405697.4	4.11291	22
173757.0	405782.6	3.70939	22
173757.0	405867.7	3.41986	22
173757.0	405952.8	3.19069	21
173757.0	406037.9	2.99275	21
173757.0	406123.0	2.42172	19
173757.0	406208.1	2.15110	17
173757.0	406293.2	2.00901	16
173757.0	406378.3	1.70629	13
173757.0	406463.4	1.38256	12
173757.0	406548.5	1.31005	11
173757.0	406633.6	1.48388	11
173757.0	406718.7	1.43274	9
173757.0	406803.8	1.25664	9
173757.0	406888.9	1.26821	9
173757.0	406974.0	1.29776	8
173757.0	407059.1	1.28779	8
173757.0	407144.3	1.15613	7
173757.0	407229.4	1.00895	7
173757.0	407314.5	0.69640	5
173757.0	407399.6	0.50668	4
173757.0	407484.7	0.37760	3
173757.0	407569.8	0.32085	3
173757.0	407654.9	0.28648	3
173757.0	407740.0	0.24459	3
173842.1	403740.0	4.68903	18
173842.1	403825.1	5.18201	18
173842.1	403910.2	5.86259	18
173842.1	403995.3	6.47790	18
173842.1	404080.4	7.28725	18
173842.1	404165.5	7.50260	18
173842.1	404250.6	8.09815	18
173842.1	404335.7	9.17011	18
173842.1	404420.9	10.32408	18
173842.1	404506.0	11.41538	19
173842.1	404591.1	11.75466	19
173842.1	404676.2	11.72836	19
173842.1	404761.3	10.60943	20
173842.1	404846.4	8.88462	21
173842.1	404931.5	7.49286	20
173842.1	405016.6	6.70125	20
173842.1	405101.7	6.06788	20
173842.1	405186.8	6.41195	21

173842.1	405271.9	7.81921	22
173842.1	405357.0	6.93869	22
173842.1	405442.1	7.03902	22
173842.1	405527.2	6.05236	22
173842.1	405612.3	5.18270	22
173842.1	405697.4	4.51391	22
173842.1	405782.6	3.88747	22
173842.1	405867.7	3.53430	21
173842.1	405952.8	3.25151	21
173842.1	406037.9	2.68812	18
173842.1	406123.0	2.42374	17
173842.1	406208.1	2.18479	15
173842.1	406293.2	2.05524	15
173842.1	406378.3	1.79537	13
173842.1	406463.4	1.49460	12
173842.1	406548.5	1.48313	10
173842.1	406633.6	1.72723	10
173842.1	406718.7	2.08248	9
173842.1	406803.8	1.73987	9
173842.1	406888.9	1.83029	9
173842.1	406974.0	1.88568	8
173842.1	407059.1	1.67317	8
173842.1	407144.3	1.31696	7
173842.1	407229.4	1.09262	7
173842.1	407314.5	0.75510	6
173842.1	407399.6	0.54426	4
173842.1	407484.7	0.40364	3
173842.1	407569.8	0.34357	3
173842.1	407654.9	0.29315	3
173842.1	407740.0	0.25960	3
173927.3	403740.0	4.53750	18
173927.3	403825.1	4.91939	18
173927.3	403910.2	5.42968	18
173927.3	403995.3	5.97017	18
173927.3	404080.4	6.74654	18
173927.3	404165.5	7.27427	18
173927.3	404250.6	8.37848	18
173927.3	404335.7	11.18668	18
173927.3	404420.9	11.24654	18
173927.3	404506.0	11.96352	19
173927.3	404591.1	11.22316	19
173927.3	404676.2	10.37871	19
173927.3	404761.3	8.98444	18
173927.3	404846.4	7.52880	19
173927.3	404931.5	6.81154	20
173927.3	405016.6	6.16063	20
173927.3	405101.7	6.08684	20
173927.3	405186.8	7.59069	20
173927.3	405271.9	12.83662	21
173927.3	405357.0	14.30390	21
173927.3	405442.1	10.16437	21
173927.3	405527.2	7.42859	21
173927.3	405612.3	6.03392	21
173927.3	405697.4	4.83283	21

173927.3	405782.6	4.15999	20
173927.3	405867.7	3.68883	20
173927.3	405952.8	3.06226	18
173927.3	406037.9	2.82181	18
173927.3	406123.0	2.49910	16
173927.3	406208.1	2.31499	15
173927.3	406293.2	2.11956	14
173927.3	406378.3	1.80397	12
173927.3	406463.4	1.55431	11
173927.3	406548.5	1.69875	10
173927.3	406633.6	2.27643	9
173927.3	406718.7	4.02166	9
173927.3	406803.8	3.28152	9
173927.3	406888.9	3.71535	9
173927.3	406974.0	2.85597	8
173927.3	407059.1	1.95340	8
173927.3	407144.3	1.46343	8
173927.3	407229.4	1.19075	7
173927.3	407314.5	0.82409	6
173927.3	407399.6	0.56675	4
173927.3	407484.7	0.40561	3
173927.3	407569.8	0.33766	3
173927.3	407654.9	0.28788	3
173927.3	407740.0	0.25570	3
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174012.4	403825.1	4.69056	18
174012.4	403910.2	5.08127	18
174012.4	403995.3	5.71730	18
174012.4	404080.4	6.36304	18
174012.4	404165.5	7.32744	18
174012.4	404250.6	9.97455	18
174012.4	404335.7	16.71419	18
174012.4	404420.9	24.59765	18
174012.4	404506.0	22.63048	19
174012.4	404591.1	12.68770	18
174012.4	404676.2	9.39471	18
174012.4	404761.3	8.00296	18
174012.4	404846.4	6.87731	19
174012.4	404931.5	6.10834	19
174012.4	405016.6	5.84493	19
174012.4	405101.7	6.07944	19
174012.4	405186.8	8.01904	19
174012.4	405271.9	19.13328	21
174012.4	405357.0	74.37559	21
174012.4	405442.1	18.58362	21
174012.4	405527.2	9.83797	21
174012.4	405612.3	6.68095	21
174012.4	405697.4	5.25041	20
174012.4	405782.6	4.45751	20
174012.4	405867.7	3.65018	18
174012.4	405952.8	3.24230	18
174012.4	406037.9	2.91874	16
174012.4	406123.0	2.59216	15
174012.4	406208.1	2.35786	14

174012.4	406293.2	2.02131	12
174012.4	406378.3	1.91544	12
174012.4	406463.4	1.58090	10
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174012.4	406718.7	7.80593	9
174012.4	406803.8	12.46218	9
174012.4	406888.9	7.94146	9
174012.4	406974.0	3.76645	9
174012.4	407059.1	2.32096	8
174012.4	407144.3	1.68158	8
174012.4	407229.4	1.27397	7
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174012.4	407399.6	0.59754	4
174012.4	407484.7	0.43377	3
174012.4	407569.8	0.37155	3
174012.4	407654.9	0.31353	3
174012.4	407740.0	0.27374	3
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174097.5	403910.2	4.86519	18
174097.5	403995.3	5.41855	18
174097.5	404080.4	6.09025	18
174097.5	404165.5	7.31355	18
174097.5	404250.6	10.61583	17
174097.5	404335.7	23.91074	17
174097.5	404420.9	142.61427	17
174097.5	404506.0	40.80647	18
174097.5	404591.1	14.70871	18
174097.5	404676.2	9.48174	18
174097.5	404761.3	7.35209	18
174097.5	404846.4	6.64627	19
174097.5	404931.5	6.11122	19
174097.5	405016.6	5.90219	19
174097.5	405101.7	5.92412	19
174097.5	405186.8	7.72715	19
174097.5	405271.9	11.51081	20
174097.5	405357.0	18.21990	20
174097.5	405442.1	38.24538	20
174097.5	405527.2	14.33656	19
174097.5	405612.3	7.98834	19
174097.5	405697.4	5.85760	19
174097.5	405782.6	4.58576	17
174097.5	405867.7	3.94461	17
174097.5	405952.8	3.40084	16
174097.5	406037.9	3.06250	16
174097.5	406123.0	2.67489	14
174097.5	406208.1	2.44211	14
174097.5	406293.2	2.08991	12
174097.5	406378.3	2.06549	12
174097.5	406463.4	3.41699	10
174097.5	406548.5	2.45588	10
174097.5	406633.6	2.83725	9
174097.5	406718.7	7.76145	9

174097.5	406803.8	44.64273	9
174097.5	406888.9	10.43526	9
174097.5	406974.0	4.47174	9
174097.5	407059.1	2.66464	8
174097.5	407144.3	1.85715	8
174097.5	407229.4	1.38560	7
174097.5	407314.5	0.95840	6
174097.5	407399.6	0.65620	4
174097.5	407484.7	0.47308	3
174097.5	407569.8	0.38889	3
174097.5	407654.9	0.33452	3
174097.5	407740.0	0.28624	3
174182.6	403740.0	3.96950	17
174182.6	403825.1	4.20858	17
174182.6	403910.2	4.60627	17
174182.6	403995.3	4.98043	17
174182.6	404080.4	5.57049	17
174182.6	404165.5	6.60599	17
174182.6	404250.6	8.86546	17
174182.6	404335.7	18.18909	17
174182.6	404420.9	48.66072	17
174182.6	404506.0	30.91438	18
174182.6	404591.1	14.34302	18
174182.6	404676.2	8.66270	18
174182.6	404761.3	6.87169	18
174182.6	404846.4	5.98579	19
174182.6	404931.5	6.62996	19
174182.6	405016.6	10.97838	19
174182.6	405101.7	6.64156	19
174182.6	405186.8	8.34482	19
174182.6	405271.9	12.97489	20
174182.6	405357.0	12.68379	19
174182.6	405442.1	13.15057	19
174182.6	405527.2	11.56128	19
174182.6	405612.3	8.26684	18
174182.6	405697.4	5.77764	17
174182.6	405782.6	4.85604	17
174182.6	405867.7	4.04729	16
174182.6	405952.8	3.50439	16
174182.6	406037.9	3.02631	15
174182.6	406123.0	2.71213	14
174182.6	406208.1	2.22667	12
174182.6	406293.2	2.05605	12
174182.6	406378.3	1.93302	12
174182.6	406463.4	1.75551	10
174182.6	406548.5	1.76365	10
174182.6	406633.6	2.43174	9
174182.6	406718.7	4.50423	9
174182.6	406803.8	7.48784	9
174182.6	406888.9	5.37751	9
174182.6	406974.0	3.50449	9
174182.6	407059.1	2.16145	8
174182.6	407144.3	1.63152	8
174182.6	407229.4	1.29269	7

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174182.6	407569.8	0.39663	3
174182.6	407654.9	0.33882	3
174182.6	407740.0	0.29467	3
174267.7	403740.0	3.73103	16
174267.7	403825.1	3.99791	16
174267.7	403910.2	4.31524	17
174267.7	403995.3	4.72435	17
174267.7	404080.4	5.32120	17
174267.7	404165.5	6.42143	17
174267.7	404250.6	8.23423	17
174267.7	404335.7	12.21025	17
174267.7	404420.9	17.22007	17
174267.7	404506.0	14.93956	18
174267.7	404591.1	10.42002	18
174267.7	404676.2	8.06174	18
174267.7	404761.3	6.41658	18
174267.7	404846.4	5.56648	19
174267.7	404931.5	5.23767	19
174267.7	405016.6	6.73065	19
174267.7	405101.7	6.68199	19
174267.7	405186.8	10.53581	18
174267.7	405271.9	30.82367	19
174267.7	405357.0	40.74883	19
174267.7	405442.1	14.78295	18
174267.7	405527.2	9.06382	18
174267.7	405612.3	6.86640	17
174267.7	405697.4	5.70517	17
174267.7	405782.6	4.80051	16
174267.7	405867.7	4.14997	16
174267.7	405952.8	3.61042	16
174267.7	406037.9	3.14630	14
174267.7	406123.0	2.79774	14
174267.7	406208.1	2.28028	12
174267.7	406293.2	2.07996	12
174267.7	406378.3	1.93626	12
174267.7	406463.4	1.50419	10
174267.7	406548.5	1.55088	9
174267.7	406633.6	1.81434	9
174267.7	406718.7	2.38764	9
174267.7	406803.8	3.03556	9
174267.7	406888.9	2.73392	9
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174267.7	407144.3	1.49179	8
174267.7	407229.4	1.19385	7
174267.7	407314.5	1.02970	7
174267.7	407399.6	0.60309	5
174267.7	407484.7	0.44423	3
174267.7	407569.8	0.37462	3
174267.7	407654.9	0.32555	3
174267.7	407740.0	0.28574	3

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174352.8	404080.4	5.14583	16
174352.8	404165.5	6.01563	16
174352.8	404250.6	7.62097	16
174352.8	404335.7	9.35811	17
174352.8	404420.9	10.80993	17
174352.8	404506.0	10.85235	18
174352.8	404591.1	8.46729	18
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174352.8	404761.3	6.03105	17
174352.8	404846.4	5.48964	18
174352.8	404931.5	5.12512	18
174352.8	405016.6	5.70641	18
174352.8	405101.7	6.77395	18
174352.8	405186.8	10.70090	18
174352.8	405271.9	35.46018	18
174352.8	405357.0	78.75645	18
174352.8	405442.1	19.16409	17
174352.8	405527.2	9.57376	17
174352.8	405612.3	6.75848	16
174352.8	405697.4	5.60394	16
174352.8	405782.6	4.85174	16
174352.8	405867.7	4.26002	16
174352.8	405952.8	3.77226	16
174352.8	406037.9	3.27939	14
174352.8	406123.0	2.63342	12
174352.8	406208.1	2.28569	12
174352.8	406293.2	2.06825	12
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174352.8	406803.8	1.84542	9
174352.8	406888.9	1.75568	9
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174352.8	407144.3	1.23638	8
174352.8	407229.4	1.10647	8
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174352.8	407399.6	0.56478	5
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174352.8	407569.8	0.35684	3
174352.8	407654.9	0.30593	3
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174437.9	403910.2	3.75825	15
174437.9	403995.3	4.08828	15
174437.9	404080.4	4.57891	15
174437.9	404165.5	5.68188	16

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174437.9	404335.7	7.29546	16
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174437.9	404506.0	8.40217	17
174437.9	404591.1	7.31327	17
174437.9	404676.2	6.36034	17
174437.9	404761.3	5.52896	17
174437.9	404846.4	5.10044	18
174437.9	404931.5	4.67402	17
174437.9	405016.6	5.16811	17
174437.9	405101.7	6.66512	17
174437.9	405186.8	14.83804	17
174437.9	405271.9	25.39864	18
174437.9	405357.0	18.99414	17
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174437.9	405527.2	10.16584	16
174437.9	405612.3	6.74222	16
174437.9	405697.4	5.54873	16
174437.9	405782.6	4.75249	16
174437.9	405867.7	4.20631	16
174437.9	405952.8	3.61296	14
174437.9	406037.9	3.29394	13
174437.9	406123.0	2.72486	12
174437.9	406208.1	2.41006	12
174437.9	406293.2	2.15510	12
174437.9	406378.3	1.76528	11
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174437.9	406548.5	1.27445	9
174437.9	406633.6	1.27491	9
174437.9	406718.7	1.29905	9
174437.9	406803.8	1.37726	9
174437.9	406888.9	1.34365	9
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174437.9	407059.1	1.10047	8
174437.9	407144.3	1.01422	8
174437.9	407229.4	0.96097	8
174437.9	407314.5	0.74318	6
174437.9	407399.6	0.54727	5
174437.9	407484.7	0.42963	3
174437.9	407569.8	0.35858	3
174437.9	407654.9	0.29508	3
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174523.0	403910.2	3.32518	14
174523.0	403995.3	3.62190	14
174523.0	404080.4	4.37169	15
174523.0	404165.5	4.88507	15
174523.0	404250.6	5.17217	15
174523.0	404335.7	5.69792	15
174523.0	404420.9	5.94646	15
174523.0	404506.0	6.22335	15
174523.0	404591.1	5.86850	16
174523.0	404676.2	5.35530	16

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174523.0	404846.4	4.51022	16
174523.0	404931.5	4.60423	17
174523.0	405016.6	5.25278	17
174523.0	405101.7	6.98428	17
174523.0	405186.8	13.69943	15
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174523.0	405442.1	10.00450	16
174523.0	405527.2	8.61633	16
174523.0	405612.3	6.91368	16
174523.0	405697.4	5.62473	16
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174523.0	405952.8	3.58989	14
174523.0	406037.9	2.87015	12
174523.0	406123.0	2.60662	12
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174523.0	406293.2	1.96611	11
174523.0	406378.3	1.75828	11
174523.0	406463.4	1.23909	9
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174523.0	406633.6	1.12621	9
174523.0	406718.7	1.11952	9
174523.0	406803.8	1.12875	9
174523.0	406888.9	1.08586	9
174523.0	406974.0	0.98596	8
174523.0	407059.1	0.92554	8
174523.0	407144.3	0.88010	8
174523.0	407229.4	0.82558	8
174523.0	407314.5	0.54179	5
174523.0	407399.6	0.45603	4
174523.0	407484.7	0.39576	3
174523.0	407569.8	0.34188	3
174523.0	407654.9	0.30620	3
174523.0	407740.0	0.26347	3