

Pärnu maakond  
Pärnu linn  
Kivimäe kruusamaardla

KIVIMÄE KRUUSAKARJÄÄRI  
(maavara kaevandamise luba nr L.MK/329822)  
MARKŠEIDERIMÕÕDISTUS  
Seisuga 17.09.2025  
Töö nr 25-907

Tellijaja: Dozerland OÜ  
Aia tn 24-4  
Pärnu linn  
Pärnu maakond  
80014

Teostaja: Maavarauuringud OÜ  
Liiva 41  
50303, Tartu

Vastutav täitja: Ranek Rohtla  
*/allkirjastatud digitaalselt/*  
geoloog ja diplomeeritud markšeider 6 tase  
Tunnistus 189745

Tartu 2025

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## 1. SISSEJUHATUS

Kivimäe kruusamaardla (nr 940) Kivimäe kruusakarjääri markšeiderimöödistamine tehti DOZERLAND OÜ tellimisel.

Markšeiderimöödistamise tegemisel on lähtunud majandus- ja taristuministri 10.05.2019. a määrusest nr 32 „Markšeiderimöödistuse täpsustatud nõuded ja kord” ja 01.01.2017. a kehtima hakanud Maapõueseaduse § 76.

Markšeiderimöödistamise välitööd on tehtud 16.09-17.09.2025.

Markšeiderimöödistuse aruande koostas Maavarauuringud OÜ geoloog Ranek Rohtla, möödistuse välitöö tegid Ranek Rohtla ja Tiit Kalmus. Markšeiderimöödistamise plaani koostamisel on kasutatud lisaks käesoleva möödistuse andmetele OÜ Eesti Geoloogiakeskuse poolt koostatud Kivimäe kruusakarjääri mäeeraldise andmeid ja OÜ Eesti Geoloogiakeskuse poolt koostatud Kivimäe uuringuruumi kruusa varu geoloogiline uuring Pärnumaal (varu seisuga 01.12.2015) aruande andmeid.

## 2. MÄEERALDISE ÜLDANDMED JA GEOLOOGILINE ISELOOMUSTUS

### 2.1. Mäeeraldise üldandmed

Kivimäe kruusakarjääri mäeeraldis (graafiline lisa 1) asub Kivimäe kruusamaardlal (nr 940) Pärnumaal, Pärnu linnas Soomra ja Kõima külas Kivimäe kruusakarjäär (katastriüksuse tunnus 62401:001:0392) ja Kivimäe kruusakarjäär (katastriüksuse tunnus 62401:001:0391) maaüksustel. Maaüksuse valitseja on Majandus- ja Kommunikatsiooniministeerium ning volitatud asutus Maa- ja Ruumiamet. Kivimäe kruusakarjääri mäeeraldis ja mäeeraldise teenindusmaa koosneb kahest erinevast alast – põhjapoolsest ja lõunapoolsest. Kivimäe kruusakarjääri mäeeraldise põhjapoolsema ala pindala on 2,11 ha ja mäeeraldise teenindusmaa pindala on 5,03 ha. Kivimäe kruusakarjääri mäeeraldise lõunapoolsema ala pindala on 1,60 ha ja mäeeraldise teenindusmaa pindala on 4,81 ha. Kokku on Kivimäe kruusakarjääri mäeeraldise pindala 3,71 ha ja mäeeraldise teenindusmaa pindala on 9,84 ha. Kaevandamise keskkonnaluba nr L.MK/329822 kehtib ajavahemikul 27.09.2017–26.09.2032. Kaevandamiseluba hõlmab täitekruusa aktiivse tarbevaru 1. plokki (pindala 2,11 ha, mäeeraldise põhjapoolsem ala) ja täitekruusa aktiivse tarbevaru 2. plokki (pindala 1,60 ha, mäeeraldise lõunapoolsem ala). Mäeeraldise täitekruusa aktiivse tarbevaru 1. ploki (pindala 2,11 ha) algne maht oli 21 tuh. m<sup>3</sup>, millest kaevandatav 19 tuh. m<sup>3</sup>. Täitekruusa aktiivse tarbevaru 2. ploki (pindala 1,60 ha) algne maht oli 13 tuh. m<sup>3</sup>, millest kaevandatav 12 tuh. m<sup>3</sup>. Kattekihi maht (muld) on kokku 11 tuh. m<sup>3</sup>.

Varu asub põhjaveetasemest kõrgemal (plokid 1 ja 2).

Mäeeraldise detailandmetel (seisuga 30.09.2025; lisa 3) oli mäeeraldise täitekruusa aktiivse tarbevaru 1. ploki jääkvaru maht 6,390 tuh. m<sup>3</sup>, millest kaevandatav 4,390 tuh. m<sup>3</sup>.

Täitekruusa aktiivse tarbevaru 2. ploki jääkvaru maht oli 7,920 tuh. m<sup>3</sup>, millest kaevandatav 6,920 tuh. m<sup>3</sup>.

Kivimäe kruusakarjääri mäeeraldis asub *ca* 1 km pikkune, 20–120 m laiune ja kohati kuni 3 m kõrgune loode–kagusuunaline oosiahelal, kus maapinna absoluut kõrgused on 30-33 m vahemikus.

Lähimad majapidamised jäävad 0,8–1,5 km põhja ja ida poole. Juurdepääsutee Kihlepa–Lepaspea (19108) riigimaantee 9,7 km kohalt *ca* 1 km vasakule, mööda Kivimäe–Karuga metsateed (1590502) on heas korras.

Kivimäe kruusakarjääri mäeeraldis paikneb kolmel erineval maaparandussüsteemil (MPS koodid: 6112180030080001, 6112140030010001, 6112330030090001).

Kivimäe kruusakarjääri mäeeraldisel teenindusmaast põhja, lääne, lõuna ja ida pool ning mäeeraldisel kahe osa vahele jääb Audru metskond 52 maaüksuse (katastritunnus 62401:001:3411) metsamaa.

Mäeeraldisel ei asu looduskaitsealasid ega muid kaitsealuseid üksikobjekte. Mäeeraldisel maalalale ei jää hooneid, kommunikatsioone ega muid tehnovõrke. Ülevaade mäeeraldisel seisundist on esitatud fotodel 1–8 (seisuga 2025 september; fotod teinud Ranek Rohtla).

Mäeeraldisel keskosa geograafilised koordinaadid on: 58°22'07" pl ja 24°08'21" ip (Eesti baaskaart, leht 5331).



Foto 1. Kivimäe karjääri põhjapoolse ala kesk-ida-lõuna-lääneosa vaatega kagu suunas.



Foto 2. Kivimäe karjääri põhjapoolse ala kesk-ida-põhja-lääneosa vaatega põhja suunas.



Foto 3. Kivimäe karjääri põhjapoolse ala kesk-ida-põhja-lääneosa vaatega põhja suunas.



Foto 4. Kivimäe karjääri põhjapoolse ala kesk-lääne-põhja-idaosa vaatega loode suunas.



Foto 5. Kivimäe karjääri lõunapoolse ala kesk-lääne-ida-lõunaosa vaatega kagu suunas.



Foto 6. Kivimäe karjääri lõunapoolse ala kesk-lääne-põhja-idaosa vaatega põhja suunas.



Foto 7. Kivimäe karjääri lõunapoolse ala kesk-lõuna-lääneosa vaatega edela suunas.



Foto 8. Kivimäe karjääri lõunapoolse ala teenindusmaal asuv sissesõit edela suunas.

## 2.2. Mäeeraldise geoloogiline iseloomustus

Kivimäe kruusamaardla varu, mis jääb Kivimäe kruusakarjääri mäeeraldise piiridesse, on kinnitatud 2015. a (Sinisalu, R., Koppel, P., Liibert, S., 2015; EGF 8668) geoloogilise uuringu põhjal.

Kivimäe kruusakarjääri mäeeraldise maavaraks oleva kruusalasundi levik on seotud jääjärvelisel (lg III) tasandikul kahe loode–kagusuunalise kuni 3 meetri kõrguse ja 20–120 m laiuse oosiahelaga (f III). Oosi ehitus on pindalaliselt ja läbilõikes ühetaoline: koosneb keskmiselt kulutatud jämedast kruusast veeriste ja rahnudega, millede sisaldus sügavuse suunas mõnevõrra väheneb. Rahnude osas valdavad tardkivimid, millede diameeter on harva enam kui 1 meeter (valdav 0,2–0,5 m); veeristes on karbonaat- ja tardkivimite suhe *ca* 1:1. Kruusa liivaosis on peeneteraline, kvarts-päevakivi koostisega. Kruusa lamamiks on hall sitkeplastne saviliivmoreen (g III). Kruusa lamamispind on suhteliselt tasane, jäädes põhjapoolses oosis abs tasemele 30,6 m (Balti kõrgussüsteemis; EH2000 süsteemis oleks kõrgus 30,79 m abs. tase) ja lõunapoolses oosis 31,1 m (Balti kõrgussüsteemis; EH2000 süsteemis oleks kõrgus 31,29 m abs. tase).

Kivimäe kruusakarjääri mäeeraldisel levib jääjärveliste setete veekiht, mis toitub sademetest. Vesi on vabapinnaline. Veekihti drenivad uuringuala lääne-, põhja- ja idaossa rajatud kuivenduskraavid, mis välitööde teostamise ajal (okt. 2015) olid kuivad. Mäeeraldise läänepiirist 30–50 m kaugusel oli veetase põhjapoolses kraavis abs tasemel 29,18 m (Balti kõrgussüsteemis; EH2000 süsteemis oleks kõrgus 29,37 m abs. tase) ja keskosa kraavis 29,67 m (Balti kõrgussüsteemis; EH2000 süsteemis oleks kõrgus 29,86 m abs. tase). Kogu kasulik kiht jääb põhjavee tasemest kõrgemale.

### 3. MARKŠEIDERIMÕÕDISTUS

Topogeodeetilise mõõdistamise välitööd on tehtud 2025. aasta 16-17. septembril GPS RTK liikuvjaama Spectra SP100 abil, mille mõõdistamise plaaniline täpsus on horisontaalselt koordinaatide määramisel  $\pm 5\text{mm} + 0,5\text{ppm}$ , kõrguslikult  $\pm 10\text{mm} + 1\text{ppm}$ . GPS tööjaama lubatud maksimaalne vahemaa püsijaamast on tehniliste tingimuste järgi 35 km. Töö on teostatud L'EST 97 koordinaatide süsteemis, kõrgused on arvatud EH2000 süsteemis. Koordinaadid on seotud riikliku geodeetilise põhivõrguga GPS püsijaamade võrgu GeoNet vahendusel. Nimetatud püsivõrgu haldaja on Geosoft OÜ. Mõõdistamisel kasutati Spectra SP85 liikuvjaama komplektis väliarvutit MobileMapper6. Liikuvjaam on enne ja pärast mõõdistust kontrollitud riiklikul tihendusvõrgu punktil Raheste97 (ID 5278; X=6475983,408, Y=486440,572, Z=23,479 (EH2000)). GNSS vastuvõtuseadmega mõõdetud geodeetilise punkti koordinaadid olid enne mõõdistamise alustamist: X=6475983,410 (erinevus 0,002); Y=486440,575 (erinevus 0,003); Z=23,475 (erinevus 0,004) ja peale mõõdistamise lõpetamist: X=6475983,411 (erinevus 0,003); Y=486440,576 (erinevus 0,004); Z=23,473 (erinevus 0,006). Geodeetilise punkti mõõtmistulemuste erinevus geodeetiliste punktide andmekogus esitatud koordinaatidest vastab seadme tehnilises spetsifikatsioonis toodud täpsusandmetele ning jääb maapõueseaduses toodud lubatud erinevuste piiridesse (*Vastavalt 10.05.2019. a määrusele nr 32 „Markšeiderimõõdistuse täpsustatud nõuded ja kord” §1 (4) ei või GNSS-i vastuvõtuseadmega mõõdetud koordinaatide erinevus geodeetiliste punktide andmekogus esitatud koordinaatidest kontrollmõõtmisel ületada horisontaalselt 3 cm ( $\Delta H < 0,030\text{ m}$ ) ja kõrguslikult 7 cm ( $\Delta V < 0,070\text{ m}$ )). Plaani koostamisel on kasutatud programmi MapInfo.*

Kuna käesolev markšeiderimõõdistus on tehtud Euroopa (EH2000) süsteemis ning kaevandamise loa saamisel olid kõrgused Balti (BK77) süsteemis, siis viidi kogu eelnev materjal (samakõrgusjooned, kaevandite absoluutkõrgused ja lamamikõrgused jne) uue süsteemiga vastavusse. Selleks tõsteti eelnevaid Balti kõrguseid 0,19 m võrra.

### 4. KAEVANDATUD MAAVARA JA JÄÄKVARU ARVUTUS

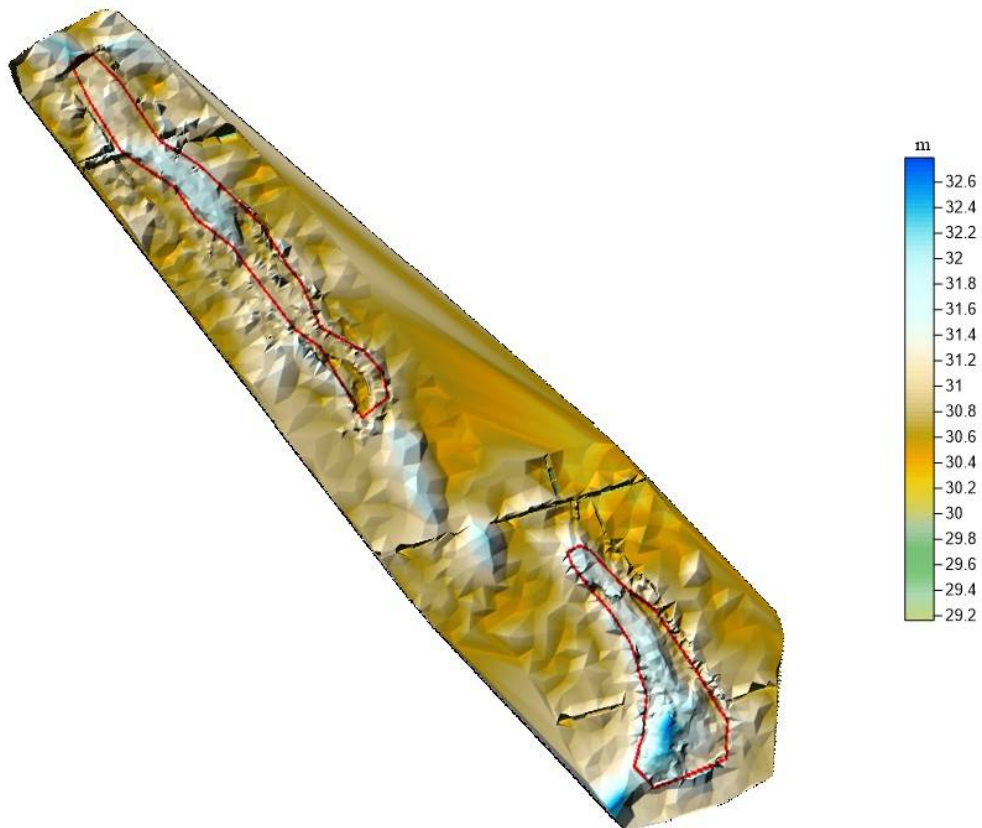
#### 4.1. Kaevandatud maavara maht

Alates kaevandamiseloala saamisest (27.09.2017) on seisuga 17.09.2025 mäeeraldisel kaevandatud 3,31 hektaril. Joonisel 1 on esitatud 2025. a maapinna reljeefimudel. Kaevandatud on 1. ploki ja 2. ploki piires. Kooritud on kogu mäeeraldis. Lisaks on toimunud mäeeraldisel teenindusmaal 1,33 ha suurusel alal katendi koorimine.

Kaevandatud mahtude väljaselgitamiseks toimiti järgmiselt. **Kaevandatud maavara jääkvaru maht arvutati** arvutiprogrammiga Surfer 10 (Triangulation with Linear Interpolation meetodil) mäeeraldisel 07.04.2025. a markšeiderimõõdistuse ajal (Maavarauuringud OÜ) mõõdistatud maapinna mudeli ja varu lamami mudeli vahelises ruumis. Jääkvaru mahud arvutati plokkide kaupa eraldi.

Seisuga 17.09.2025 on Kivimäe kruusakarjääri mäeeraldise täitekruusa aktiivse tarbevaru ploki 1 jääkvaru maht **8,519 tuh. m<sup>3</sup>** (*lisa 1*). Kogu alalt on katend kooritud. Kaevandamiseloala saamisel (seisuga 27.09.2017) oli täitekruusa aktiivse tarbevaru 1. ploki jääkvaru maht 21 tuh. m<sup>3</sup>. Seega ajavahemikul 27.09.2017–17.09.2025 on Kivimäe kruusakarjääri mäeeraldise täitekruusa aktiivse tarbevaru 1. plokist kaevandatud **12,481 tuh. m<sup>3</sup>** (*21-8,519*) **täitekruusa**.

Seisuga 17.09.2025 on Kivimäe kruusakarjääri mäeeraldise täitekruusa aktiivse tarbevaru ploki 2 jääkvaru maht **4,966 tuh. m<sup>3</sup>** (*lisa 2*). Kogu alalt on katend kooritud. Kaevandamiseloala saamisel (seisuga 27.09.2017) oli täitekruusa aktiivse tarbevaru 2. ploki jääkvaru maht 13 tuh. m<sup>3</sup>. Seega ajavahemikul 27.09.2017–17.09.2025 on Kivimäe kruusakarjääri mäeeraldise täitekruusa aktiivse tarbevaru 2. plokist kaevandatud **8,034 tuh. m<sup>3</sup>** (*13-4,966*) **täitekruusa**.



Joonis 1. Kivimäe kruusakarjääri (piiritletud punase joonega) ja lähiümbruse reljeef seisuga 17.09.2025 a.

## 4.2. Jääkvaru maht

Kaevandamiselo saamisel (seisuga 27.09.2017) oli mäeeraldise täitekruusa 1. ploki (pindala 2,11 ha) algne maht 21 tuh. m<sup>3</sup>, millest kaevandatav 19 tuh. m<sup>3</sup>. Täitekruusa aktiivse tarbevaru 2. ploki (pindala 1,60 ha) algne maht oli 13 tuh. m<sup>3</sup>, millest kaevandatav 12 tuh. m<sup>3</sup>.

Markšeiderimöödistuse andmetel (seisuga 17.09.2025) oli mäeeraldise täitekruusa aktiivse tarbevaru 1. ploki jääkvaru maht 8,519 tuh. m<sup>3</sup>, millest kaevandatav 6,519 tuh. m<sup>3</sup>. Täitekruusa aktiivse tarbevaru 2. ploki jääkvaru maht oli 4,966 tuh. m<sup>3</sup>, millest kaevandatav 3,966 tuh. m<sup>3</sup>.

Mäeeraldise detailandmetel (seisuga 30.09.2025; lisa 3) oli mäeeraldise täitekruusa aktiivse tarbevaru 1. ploki jääkvaru maht 6,390 tuh. m<sup>3</sup>, millest kaevandatav 4,390 tuh. m<sup>3</sup>. Täitekruusa aktiivse tarbevaru 2. ploki jääkvaru maht oli 7,920 tuh. m<sup>3</sup>, millest kaevandatav 6,920 tuh. m<sup>3</sup>.

Tabelis 1 on esitatud kokkuvõtvalt käesolevas töös arvatud jääkvaru koguse ja Kivimäe kruusakarjääri mäeeraldise bilansilise (mäeeraldise detailandmetel seisuga 30.09.2025; lisa 3) koguse võrdlus.

*Tabel 1*

Plokk, maavara	Algne varu seisuga 27.09.2017, tuh. m <sup>3</sup>	Kaevandatud maht MS alusel ajavahemikul 27.09.2017-17.09.2025, tuh. m <sup>3</sup>	Jääkvaru seisuga 17.09.2025, tuh. m <sup>3</sup>	Bilansiline jääkvaru seisuga 30.09.2025, tuh. m <sup>3</sup>	Tegelik ja bilansilise jääkvaru vahe, tuh. m <sup>3</sup>
1 – täitekruus	<b>21,0000</b>	<b>12,4810</b>	<b>8,5190</b>	<b>6,3900</b>	<b>-2,1290</b>
2 – täitekruus	<b>13,0000</b>	<b>8,0340</b>	<b>4,9660</b>	<b>7,9200</b>	<b>+2,9540</b>
<b>KOKKU</b>	<b>34,0000</b>	<b>20,5150</b>	<b>13,4850</b>	<b>14,3100</b>	<b>+0,8250</b>

+ märgiga juurde deklareeritav kogus

## 5. KOKKUVÕTE

Alates kaevandamiselo saamisest (27.09.2017) on seisuga 17.09.2025 Kivimäe karjääri mäeeraldise kaevandatav 3,31 hektarilt 1. ja 2. plokist kokku 20,515 tuh. m<sup>3</sup> materjali (täitekruus). 1. plokist on kaevandatav 12,481 tuh. m<sup>3</sup> täitekruusa ja 2. plokist 8,034 tuh. m<sup>3</sup> täitekruusa. Ajavahemikul 27.09.2017–17.09.2025 pole pindalaliselt ega sügavuti Kivimäe karjäärist üle kaevandamist toimunud. Samal ajavahemikul on toimunud mäeeraldise teenindusmaal 1,33 ha suurusel alal katendi koorimine.

Kaevandamisega rikutud ala (kaevandamine, katendi koorimine, katendi ladustamine) kogupindala on 6,19 ha. Kasutatud ega kasutuskõlbmatuks muudetud maavaravaru koguseid mäeeraldisel ei ole.

## 6. KASUTATUD MATERJALID

Kivimäe maardla registrikaart 0940.

Kivimäe kruusakarjääri kaevandamise loa juurde kuuluv seletuskiri ning graafilised lisad.

Maapõueseadus (vastu võetud 27.10.2016) § 76 (Markšeiderimõõdistus).

Maavara kaevandamise luba L.MK/329822, Keskkonnaamet, 27.09.2017. a.

Majandus- ja kommunikatsiooniministri määrus nr 9 „Markšeideritöö kord“ (RT I, 23.01.2012).

Majandus- ja taristuministri määrus nr 32 „Markšeiderimõõdistuse täpsustatud nõuded ja kord“ (RT I, 07.05.2019, 5).

Sinisalu, R., Koppel, P., Liibert, S., 2015. Kivimäe uuringuruumi kruusa varu geoloogiline uuring Pärnumaal (varu seisuga 01.12.2015). OÜ Eesti Geoloogiakeskus. EGF 8668.

**Arvutiprogramm Surfer raport. Kivimäe kruusakarjääri mäeeraldise täitekruusa aktiivse tarbevaru ploki 1 jääkvaru maht seisuga 17.09.2025.**

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**Grid Volume Computations**

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**Upper Surface**

Grid File Name:	I:\LEPINGUD III\KIVIMÄE\KIVIMÄE MS 2025\SURFER 2025\outplok1.grd
Grid Size:	995 rows x 830 columns
X Minimum:	507784.14
X Maximum:	508612.79
X Spacing:	0.99957780458379
Y Minimum:	6469248.29
Y Maximum:	6470242.01
Y Spacing:	0.99971830985889
Z Minimum:	30.18968307776
Z Maximum:	32.286245313967

**Lower Surface**

Level Surface defined by  $Z = 30.79$

**Volumes**

Z Scale Factor:	1
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**Total Volumes by:**

Trapezoidal Rule:	8388.6198842638
Simpson's Rule:	8385.6028108663
Simpson's 3/8 Rule:	8391.4976609952

**Cut & Fill Volumes**

Positive Volume [Cut]:	8518.5609943183 <b>ehk jääkvaru maht on 8,519 tuh. m<sup>3</sup>.</b>
Negative Volume [Fill]:	129.94111005451
Net Volume [Cut-Fill]:	8388.6198842638

Seisuga 17.09.2025 on Kivimäe kruusakarjääri mäeeraldise täitekruusa aktiivse tarbevaru ploki 1 jääkvaru maht **8,519 tuh. m<sup>3</sup>**. Kogu alalt on katend kooritud.

**Arvutiprogramm Surfer raport. Kivimäe kruusakarjääri mäeeraldise täiteliiva aktiivse tarbevaru ploki 2 jääkvaru maht seisuga 17.09.2025.**

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**Grid Volume Computations**

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**Upper Surface**

Grid File Name:	I:\LEPINGUD III\KIVIMÄE\KIVIMÄE MS 2025\SURFER 2025\outplok2.grd
Grid Size:	995 rows x 830 columns
X Minimum:	507784.14
X Maximum:	508612.79
X Spacing:	0.99957780458379
Y Minimum:	6469248.29
Y Maximum:	6470242.01
Y Spacing:	0.99971830985889
Z Minimum:	30.570835125152
Z Maximum:	32.790168026165

**Lower Surface**

Level Surface defined by  $Z = 31.29$

**Volumes**

Z Scale Factor:	1
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**Total Volumes by:**

Trapezoidal Rule:	4345.4730893283
Simpson's Rule:	4344.3906484654
Simpson's 3/8 Rule:	4345.295595746

**Cut & Fill Volumes**

Positive Volume [Cut]:	4965.747444522 <b>ehk jääkvaru maht on 4,966 tuh. m<sup>3</sup>.</b>
Negative Volume [Fill]:	620.27435519375
Net Volume [Cut-Fill]:	4345.4730893283

Seisuga 17.09.2025 on Kivimäe kruusakarjääri mäeeraldise täiteliiva aktiivse tarbevaru ploki 2 jääkvaru maht **4,966 tuh. m<sup>3</sup>**. Kogu alalt on katend kooritud.

## Mäeeraldise detailandmed

### Kood 1442

**Nimetus** Kivimäe kruusakarjäär

**Maardla** 940 - Kivimäe

**Seisund** aktiivne

**Asukoht** Pärnu maakond Pärnu linn

**Kaevandamisloa number** L.MK/329822

**Kaevandamisloa kehtivus** 27.09.2017 - 26.09.2032

**Kaevandamisloa omaja** Dozerland OÜ

**Maavara kasutamise eesmärk** teede- ja tsiviilehitus

**Korrastamissuund** metsamaa

**Mäeeraldise varu loa vormil** täitekruus aT 34 tuh m3

<b>Kasutusala</b>	<b>Max kogus aastas</b>	<b>Kaevandatav varu loa vormil</b>
täitekruus	-	31

### Plokid

<b>Registrikaart</b>	<b>Ploki nimi</b>	<b>Kasutusala</b>	<b>Uringuviis</b>	<b>Ploki liik</b>	<b>Jääkvaru kogus</b>
940	1 plokk	täitekruus	2005. a määrus nr 44	aT	6.39
940	2 plokk	täitekruus	2005. a määrus nr 44	aT	7.92

## Lisa 4. Kivimäe kruusakarjääri mõõdistuspunktid seisuga 17.09.2025

1	6469948,484	508032,867	31,650	52	6470040,915	507914,435	30,920
2	6469947,091	508033,232	31,630	53	6470040,551	507913,770	30,440
3	6469940,687	508034,865	31,490	54	6470040,271	507913,112	30,770
4	6469937,158	508036,191	31,410	55	6470048,020	507911,241	30,990
5	6469935,368	508038,731	31,300	56	6470047,819	507910,474	30,520
6	6469932,087	508038,705	31,370	57	6470047,710	507909,840	30,750
7	6469929,632	508036,784	31,380	58	6470051,990	507908,078	30,820
8	6469929,531	508034,053	31,410	59	6470051,322	507907,654	30,420
9	6469931,540	508032,366	31,490	60	6470050,777	507907,323	30,690
10	6469934,156	508033,443	31,520	61	6470053,316	507901,383	31,050
11	6469935,928	508034,821	31,560	62	6470052,084	507902,096	30,350
12	6469923,020	508028,957	30,760	63	6470050,465	507902,426	31,210
13	6469918,423	508026,274	30,860	64	6470050,279	507892,270	30,000
14	6469910,309	508024,645	30,840	65	6470051,895	507891,889	31,310
15	6469897,845	508017,286	30,870	66	6470048,587	507892,699	31,070
16	6469897,388	508017,857	31,130	67	6470047,666	507880,393	29,800
17	6469896,324	508015,330	31,170	68	6470049,690	507880,405	31,180
18	6469896,327	508015,348	31,170	69	6470046,336	507881,293	30,760
19	6469895,625	508016,152	31,220	70	6470041,077	507888,395	31,030
20	6469898,943	508019,667	30,720	71	6470041,658	507894,843	31,200
21	6469899,653	508019,106	30,780	72	6470049,821	507903,343	31,330
22	6469905,037	508016,912	30,810	73	6470045,102	507903,813	31,260
23	6469911,840	508013,438	30,810	74	6470044,650	507903,872	31,340
24	6469918,254	508008,367	30,740	75	6470035,739	507908,422	31,040
25	6469922,650	508004,794	30,780	76	6470026,356	507914,306	31,130
26	6469927,846	507999,569	30,860	77	6470021,257	507918,116	31,220
27	6469934,120	507993,964	30,830	78	6470013,186	507922,025	30,910
28	6469942,298	507986,126	30,570	79	6470006,004	507924,669	30,830
29	6469950,750	507977,837	30,490	80	6469998,614	507929,242	30,740
30	6469952,523	507975,028	30,490	81	6469994,774	507931,954	30,880
31	6469950,452	507974,001	30,450	82	6469986,215	507940,389	31,030
32	6469949,826	507974,282	30,420	83	6469978,261	507945,226	31,210
33	6469948,959	507971,543	30,520	84	6469969,646	507950,726	30,980
34	6469948,544	507972,160	30,520	85	6469962,618	507956,264	30,790
35	6469951,038	507975,337	30,420	86	6469954,947	507963,183	30,840
36	6469958,800	507971,284	30,670	87	6469949,138	507968,344	30,720
37	6469966,959	507965,673	30,790	88	6469944,997	507969,501	30,540
38	6469974,723	507959,357	30,760	89	6469939,132	507973,680	30,750
39	6469981,239	507955,963	30,740	90	6469935,081	507980,273	30,930
40	6469989,452	507950,739	30,760	91	6469927,806	507985,976	30,680
41	6469995,929	507946,283	30,730	92	6469918,912	507994,767	30,910
42	6470002,393	507939,425	30,540	93	6469912,953	508000,179	31,020
43	6470006,349	507934,387	30,570	94	6469907,976	508005,603	31,080
44	6470013,580	507931,214	30,710	95	6469902,622	508009,710	30,820
45	6470020,603	507926,266	30,630	96	6469895,939	508013,146	30,750
46	6470021,248	507927,103	30,450	97	6469895,985	508013,167	30,780
47	6470022,015	507927,812	30,710	98	6469894,440	508014,222	30,970
48	6470019,992	507928,301	30,590	99	6469889,156	508018,660	31,010
49	6470029,810	507922,402	30,860	100	6469883,345	508025,900	31,020
50	6470029,182	507921,363	30,420	101	6469875,656	508029,896	30,950
51	6470028,928	507920,556	30,700	102	6469875,733	508029,915	30,950

103	6469869,862	508036,872	31,090	156	6469867,294	508052,757	31,050
104	6469864,861	508039,368	30,970	157	6469862,167	508055,562	31,140
105	6469863,003	508043,208	31,050	158	6469864,934	508058,576	31,130
106	6469864,616	508045,522	31,100	159	6469859,642	508062,214	31,160
107	6469867,625	508046,288	30,840	160	6469856,807	508059,333	31,130
108	6469867,625	508046,235	30,910	161	6469850,386	508063,967	30,950
109	6469871,574	508043,211	30,800	162	6469845,165	508067,621	30,870
110	6469875,461	508040,121	30,840	163	6469850,776	508067,245	31,130
111	6469880,842	508035,490	30,850	164	6469848,178	508072,057	30,980
112	6469885,856	508031,993	30,950	165	6469853,796	508071,323	31,330
113	6469891,019	508028,080	30,740	166	6469855,449	508068,496	31,170
114	6469894,831	508024,760	30,670	167	6469859,127	508067,520	31,170
115	6469895,914	508031,989	30,730	168	6469863,177	508064,925	31,120
116	6469901,349	508038,797	30,850	169	6469866,234	508061,787	31,100
117	6469906,875	508042,826	30,820	170	6469869,418	508057,653	31,040
118	6469910,697	508039,684	30,770	171	6469873,050	508056,959	30,990
119	6469908,700	508033,914	30,730	172	6469874,052	508058,696	31,180
120	6469905,952	508030,361	30,700	173	6469872,743	508061,992	31,220
121	6469903,672	508028,161	30,690	174	6469870,706	508066,176	31,140
122	6469908,982	508023,825	30,720	175	6469866,779	508068,582	31,210
123	6469911,842	508027,832	30,860	176	6469862,230	508071,468	31,380
124	6469914,837	508032,993	30,790	177	6469858,751	508073,391	31,350
125	6469920,032	508031,909	30,760	178	6469856,571	508073,364	31,110
126	6469919,611	508036,408	31,420	179	6469874,393	508066,201	31,090
127	6469922,756	508040,825	31,070	180	6469879,431	508071,934	31,020
128	6469917,216	508043,973	30,920	181	6469881,948	508076,492	30,880
129	6469910,316	508046,050	30,950	182	6469875,677	508080,197	30,910
130	6469904,478	508049,407	31,020	183	6469871,608	508075,290	31,060
131	6469916,160	508048,629	30,930	184	6469869,809	508072,489	31,160
132	6469912,024	508054,789	31,060	185	6469862,566	508076,793	31,210
133	6469905,938	508058,060	31,040	186	6469865,079	508081,184	31,050
134	6469901,885	508053,732	31,110	187	6469868,017	508085,510	30,930
135	6469898,644	508049,353	31,170	188	6469860,061	508091,193	31,000
136	6469894,680	508044,214	31,070	189	6469857,482	508084,780	31,170
137	6469889,563	508038,138	30,930	190	6469854,036	508080,035	31,190
138	6469882,939	508042,839	30,910	191	6469849,387	508077,125	31,220
139	6469886,639	508048,431	31,110	192	6469845,749	508072,327	30,860
140	6469889,861	508048,272	31,080	193	6469843,118	508068,312	30,940
141	6469891,787	508049,891	31,340	194	6469842,493	508062,580	30,960
142	6469890,665	508053,164	31,160	195	6469849,789	508059,207	31,060
143	6469887,216	508054,745	31,120	196	6469854,565	508056,398	31,010
144	6469884,432	508054,708	31,110	197	6469854,465	508056,196	31,000
145	6469883,163	508052,205	31,040	198	6469856,724	508053,494	31,230
146	6469884,412	508049,932	30,970	199	6469856,978	508049,766	31,280
147	6469893,182	508055,766	31,010	200	6469859,299	508046,841	31,260
148	6469895,650	508061,491	31,160	201	6469854,441	508049,367	31,320
149	6469897,849	508066,266	31,070	202	6469850,065	508049,963	31,410
150	6469892,496	508069,570	30,910	203	6469846,042	508050,541	31,320
151	6469888,884	508065,738	30,890	204	6469841,104	508053,883	31,020
152	6469884,427	508062,017	30,970	205	6469835,758	508056,920	31,040
153	6469880,061	508057,834	31,130	206	6469828,752	508060,036	30,980
154	6469876,253	508052,272	30,960	207	6469825,141	508063,154	31,190
155	6469872,158	508048,189	30,820	208	6469823,682	508064,173	31,170

209	6469824,756	508066,049	31,070	262	6469812,054	508070,398	31,350
210	6469825,538	508065,652	30,940	263	6469811,102	508072,871	31,340
211	6469826,457	508068,829	30,990	264	6469810,673	508075,086	31,420
212	6469827,493	508068,010	31,010	265	6469812,441	508077,637	31,570
213	6469830,650	508068,415	30,930	266	6469814,167	508080,454	31,410
214	6469835,325	508065,905	30,900	267	6469821,708	508082,005	31,020
215	6469835,309	508065,865	30,850	268	6469824,525	508085,456	31,210
216	6469836,379	508071,259	30,880	269	6469827,891	508089,049	31,240
217	6469839,692	508075,428	30,920	270	6469824,178	508096,318	31,260
218	6469841,764	508078,893	31,000	271	6469823,474	508100,410	31,540
219	6469844,837	508080,805	31,280	272	6469827,275	508100,263	31,150
220	6469844,781	508084,062	31,300	273	6469828,158	508102,908	31,130
221	6469844,498	508087,386	31,240	274	6469825,867	508106,152	31,180
222	6469842,026	508087,758	31,350	275	6469822,242	508105,773	31,300
223	6469838,864	508086,102	31,320	276	6469818,600	508105,130	31,390
224	6469836,937	508083,212	31,110	277	6469816,370	508103,803	31,200
225	6469837,610	508080,009	31,130	278	6469813,513	508101,347	31,860
226	6469839,562	508078,948	31,030	279	6469813,505	508101,294	31,810
227	6469847,917	508090,785	31,090	280	6469824,362	508107,877	31,040
228	6469851,088	508094,620	31,010	281	6469830,753	508104,531	30,860
229	6469853,427	508097,428	30,960	282	6469834,428	508108,826	30,950
230	6469847,829	508100,390	31,020	283	6469825,873	508114,895	31,110
231	6469842,370	508103,724	30,900	284	6469822,425	508110,725	30,920
232	6469840,184	508097,937	30,830	285	6469819,378	508108,473	31,140
233	6469844,128	508095,551	31,000	286	6469816,393	508108,410	31,180
234	6469841,248	508091,437	31,280	287	6469813,057	508106,876	31,130
235	6469836,788	508094,857	31,140	288	6469811,407	508105,018	31,760
236	6469835,310	508092,147	31,420	289	6469811,679	508108,513	31,100
237	6469832,731	508095,269	31,080	290	6469814,029	508109,731	31,030
238	6469829,845	508096,381	31,090	291	6469813,064	508113,628	30,940
239	6469827,658	508096,675	31,120	292	6469809,251	508116,764	30,950
240	6469827,148	508094,612	31,150	293	6469806,569	508118,386	31,030
241	6469828,901	508092,034	31,380	294	6469805,221	508117,894	31,140
242	6469830,759	508090,646	31,240	295	6469804,961	508116,049	30,970
243	6469833,379	508089,913	31,470	296	6469806,658	508113,496	31,230
244	6469834,694	508090,392	31,540	297	6469808,400	508111,354	31,500
245	6469835,222	508091,614	31,480	298	6469810,426	508109,248	31,440
246	6469834,490	508085,698	31,100	299	6469817,633	508114,713	31,080
247	6469830,404	508080,338	30,970	300	6469820,921	508119,386	31,020
248	6469827,561	508076,183	30,850	301	6469815,466	508124,274	30,940
249	6469822,097	508079,501	30,930	302	6469811,602	508120,059	31,010
250	6469816,619	508078,101	31,180	303	6469807,091	508122,076	30,890
251	6469819,856	508075,569	30,880	304	6469804,425	508119,705	31,020
252	6469823,863	508072,825	30,980	305	6469803,459	508116,951	30,970
253	6469827,259	508070,702	31,090	306	6469802,406	508116,578	31,840
254	6469825,859	508067,741	30,970	307	6469798,824	508120,204	31,080
255	6469826,071	508067,643	31,630	308	6469797,915	508118,953	32,190
256	6469823,886	508064,564	31,070	309	6469797,156	508117,644	31,510
257	6469821,731	508063,362	31,190	310	6469793,445	508123,346	31,250
258	6469821,777	508063,379	31,200	311	6469792,731	508121,847	31,420
259	6469819,669	508063,172	31,320	312	6469791,086	508120,977	31,240
260	6469816,052	508064,846	31,380	313	6469805,490	508122,544	30,940
261	6469813,358	508068,015	31,110	314	6469809,305	508124,359	30,890

315	6469810,643	508122,484	31,020	368	6469772,061	508171,398	30,990
316	6469812,834	508123,100	31,030	369	6469771,454	508170,309	30,530
317	6469812,054	508125,153	30,900	370	6469767,128	508173,278	30,990
318	6469810,094	508125,499	30,890	371	6469766,646	508172,011	30,310
319	6469809,451	508124,304	30,930	372	6469762,719	508174,495	30,990
320	6469810,069	508124,290	31,340	373	6469762,323	508173,124	30,180
321	6469810,540	508124,584	31,500	374	6469756,598	508175,633	30,950
322	6469811,054	508124,093	31,520	375	6469756,617	508174,329	30,360
323	6469810,758	508123,679	31,600	376	6469750,948	508176,015	30,900
324	6469812,206	508128,568	30,900	377	6469750,528	508175,139	30,520
325	6469807,199	508133,379	30,760	378	6469745,841	508175,828	30,820
326	6469801,530	508127,306	30,700	379	6469745,532	508174,760	30,590
327	6469793,866	508131,675	30,510	380	6469740,253	508175,271	30,840
328	6469795,735	508134,228	30,210	381	6469740,340	508174,349	30,520
329	6469791,070	508128,169	30,600	382	6469735,174	508174,155	30,880
330	6469789,582	508124,829	31,610	383	6469735,471	508173,082	30,480
331	6469782,777	508130,589	31,350	384	6469731,318	508170,910	30,770
332	6469781,366	508129,133	31,260	385	6469732,079	508169,951	30,480
333	6469785,362	508133,236	30,950	386	6469728,442	508167,880	30,970
334	6469787,698	508135,004	30,700	387	6469729,303	508167,300	30,580
335	6469791,004	508139,880	30,370	388	6469727,103	508164,708	31,210
336	6469792,540	508142,699	30,510	389	6469728,763	508164,881	30,700
337	6469796,173	508141,503	30,660	390	6469729,738	508161,568	30,950
338	6469795,803	508140,435	30,360	391	6469731,091	508161,878	30,670
339	6469798,122	508136,848	30,800	392	6469732,554	508158,286	30,960
340	6469797,034	508135,892	30,180	393	6469733,573	508159,170	30,560
341	6469799,782	508135,151	30,750	394	6469729,971	508154,777	31,050
342	6469799,114	508134,015	30,190	395	6469725,634	508158,258	30,990
343	6469801,669	508133,441	30,660	396	6469726,735	508151,934	31,060
344	6469803,564	508139,334	30,650	397	6469723,145	508154,804	31,060
345	6469807,123	508144,314	30,870	398	6469722,925	508148,060	30,940
346	6469810,369	508150,132	30,840	399	6469719,427	508151,769	30,990
347	6469811,918	508151,751	30,910	400	6469718,904	508144,660	30,720
348	6469812,797	508152,809	31,090	401	6469713,162	508148,687	30,860
349	6469807,734	508156,738	31,000	402	6469713,144	508153,891	31,020
350	6469808,822	508157,902	31,280	403	6469718,081	508157,056	31,190
351	6469805,564	508162,431	30,950	404	6469720,915	508161,380	31,050
352	6469806,531	508162,634	31,260	405	6469724,278	508165,496	31,260
353	6469803,619	508166,422	30,900	406	6469727,589	508169,592	30,970
354	6469804,619	508166,863	31,320	407	6469730,903	508173,791	30,750
355	6469802,987	508160,100	30,840	408	6469728,106	508178,403	31,160
356	6469804,843	508155,073	30,930	409	6469723,467	508182,201	31,120
357	6469800,765	508151,248	30,830	410	6469734,170	508176,735	30,940
358	6469795,799	508147,474	30,860	411	6469740,897	508177,989	30,870
359	6469794,155	508151,102	30,850	412	6469747,902	508179,217	30,910
360	6469791,192	508155,918	31,000	413	6469754,457	508179,248	30,890
361	6469789,848	508155,151	30,760	414	6469761,443	508178,423	30,820
362	6469786,764	508160,164	31,000	415	6469768,510	508176,428	30,950
363	6469785,627	508159,372	30,710	416	6469774,817	508172,369	30,950
364	6469781,607	508163,534	31,020	417	6469780,779	508167,785	30,910
365	6469780,795	508162,586	30,500	418	6469786,751	508163,212	30,960
366	6469776,705	508167,564	30,940	419	6469792,065	508159,253	30,950
367	6469775,649	508166,755	30,590	420	6469796,819	508155,283	30,860

421	6469800,936	508158,724	30,820	474	6469724,317	508158,351	31,010
422	6469792,780	508147,177	30,800	475	6469716,170	508160,226	31,120
423	6469788,900	508150,199	30,580	476	6469719,277	508163,135	31,160
424	6469785,292	508154,189	30,500	477	6469722,549	508167,101	31,320
425	6469780,943	508157,607	30,450	478	6469726,084	508170,326	31,050
426	6469776,443	508162,213	30,470	479	6469727,582	508174,159	31,120
427	6469771,560	508165,968	30,480	480	6469725,990	508177,304	31,200
428	6469766,333	508167,921	30,370	481	6469722,540	508177,679	31,160
429	6469759,478	508169,493	30,310	482	6469719,102	508175,105	31,240
430	6469753,089	508170,887	30,460	483	6469719,743	508178,590	31,280
431	6469747,563	508171,202	30,570	484	6469718,075	508173,264	31,220
432	6469741,185	508170,593	30,460	485	6469715,082	508175,166	31,280
433	6469736,664	508169,053	30,530	486	6469714,843	508170,552	30,990
434	6469733,766	508166,784	30,400	487	6469712,236	508171,210	31,320
435	6469737,195	508163,976	30,400	488	6469712,569	508167,122	31,270
436	6469742,829	508165,224	30,560	489	6469710,603	508162,618	30,930
437	6469749,266	508164,543	30,480	490	6469707,028	508161,560	31,090
438	6469757,230	508164,086	30,390	491	6469711,799	508160,234	30,320
439	6469764,774	508162,248	30,500	492	6469712,012	508160,219	30,870
440	6469768,488	508160,644	30,710	493	6469714,621	508159,788	31,090
441	6469772,514	508157,864	30,700	494	6469729,172	508182,257	31,180
442	6469776,770	508153,877	30,790	495	6469732,187	508180,285	31,150
443	6469781,668	508149,242	30,810	496	6469736,646	508180,408	31,170
444	6469786,542	508145,323	30,780	497	6469741,615	508181,972	31,140
445	6469782,831	508140,921	30,760	498	6469746,436	508182,694	31,020
446	6469780,023	508137,721	31,000	499	6469751,857	508183,451	31,040
447	6469777,998	508135,413	31,440	500	6469755,746	508183,336	30,980
448	6469774,368	508141,691	30,950	501	6469759,164	508183,024	31,080
449	6469772,905	508139,479	31,360	502	6469763,768	508182,032	31,090
450	6469771,671	508137,500	31,280	503	6469768,808	508180,839	31,110
451	6469776,581	508148,112	30,830	504	6469773,827	508178,058	31,170
452	6469770,643	508152,415	30,860	505	6469778,799	508174,464	31,150
453	6469766,480	508147,007	31,050	506	6469783,224	508171,425	30,980
454	6469764,530	508143,895	31,490	507	6469787,303	508167,436	31,090
455	6469767,006	508154,048	30,780	508	6469792,104	508163,995	31,110
456	6469767,015	508153,986	30,840	509	6469796,079	508163,474	31,260
457	6469766,202	508158,755	30,740	510	6469798,485	508162,096	31,190
458	6469761,583	508160,385	30,470	511	6469800,102	508163,589	31,150
459	6469761,214	508158,282	30,860	512	6469800,736	508165,966	31,240
460	6469759,639	508155,348	30,860	513	6469798,863	508168,425	31,380
461	6469756,064	508152,323	30,760	514	6469800,264	508169,950	31,000
462	6469754,845	508150,989	31,700	515	6469803,095	508172,569	31,300
463	6469754,904	508150,969	31,680	516	6469795,896	508174,021	31,240
464	6469747,429	508153,564	31,390	517	6469796,659	508177,030	31,000
465	6469748,875	508157,471	30,710	518	6469798,190	508178,475	31,330
466	6469751,273	508162,417	30,520	519	6469790,937	508178,648	31,170
467	6469743,038	508164,674	30,540	520	6469791,617	508181,160	31,050
468	6469741,028	508160,275	30,620	521	6469792,349	508182,798	31,340
469	6469740,031	508158,232	31,390	522	6469785,819	508182,536	31,060
470	6469736,229	508160,704	30,500	523	6469787,809	508184,681	30,960
471	6469737,068	508158,590	31,780	524	6469787,855	508184,809	30,930
472	6469731,877	508157,607	31,020	525	6469788,537	508186,140	31,320
473	6469733,043	508155,465	31,350	526	6469781,068	508185,878	31,070

527	6469780,873	508187,663	31,180	580	6469826,464	508150,362	30,800
528	6469781,206	508189,248	31,480	581	6469830,621	508153,503	30,490
529	6469774,539	508189,794	30,750	582	6469832,979	508156,299	30,270
530	6469774,711	508190,807	30,640	583	6469838,749	508153,271	30,470
531	6469775,436	508192,123	31,890	584	6469834,678	508149,242	30,640
532	6469772,197	508190,504	30,660	585	6469832,109	508142,622	30,860
533	6469772,483	508191,876	30,480	586	6469828,737	508140,466	31,190
534	6469773,355	508192,947	32,070	587	6469821,616	508144,207	31,070
535	6469774,155	508194,027	32,160	588	6469817,234	508142,527	30,850
536	6469775,127	508195,261	31,150	589	6469813,648	508142,119	30,820
537	6469768,090	508191,134	30,530	590	6469811,148	508139,163	30,860
538	6469768,262	508192,931	30,450	591	6469811,985	508134,126	30,820
539	6469768,840	508194,053	31,500	592	6469817,363	508128,710	30,930
540	6469762,463	508192,846	30,850	593	6469821,836	508125,352	30,910
541	6469762,648	508194,487	31,000	594	6469825,523	508122,121	31,100
542	6469762,662	508194,550	31,410	595	6469827,871	508122,089	31,200
543	6469762,360	508195,911	31,640	596	6469828,429	508118,762	31,200
544	6469762,379	508195,958	31,690	597	6469832,096	508115,430	31,200
545	6469756,651	508194,482	31,020	598	6469836,388	508112,815	31,190
546	6469758,270	508197,151	30,780	599	6469840,737	508111,128	31,020
547	6469758,980	508198,271	30,940	600	6469844,564	508108,606	31,040
548	6469759,007	508198,277	31,200	601	6469847,268	508107,757	31,060
549	6469759,702	508200,571	31,090	602	6469848,376	508106,117	31,070
550	6469751,805	508194,100	31,220	603	6469849,846	508103,476	31,020
551	6469752,135	508198,249	30,990	604	6469852,333	508102,406	31,090
552	6469752,755	508202,258	31,080	605	6469855,099	508103,170	31,100
553	6469745,393	508194,033	30,910	606	6469856,725	508103,963	31,340
554	6469745,158	508196,381	30,850	607	6469856,168	508101,173	30,990
555	6469743,831	508200,112	30,800	608	6469858,900	508097,528	30,990
556	6469743,634	508201,772	31,210	609	6469861,917	508097,185	31,130
557	6469735,798	508201,119	30,780	610	6469863,897	508095,141	31,090
558	6469739,117	508197,279	30,810	611	6469867,892	508091,727	31,070
559	6469742,135	508193,402	30,900	612	6469873,246	508088,338	31,010
560	6469738,249	508192,330	30,990	613	6469877,908	508085,970	30,990
561	6469736,215	508195,160	30,860	614	6469881,804	508082,334	31,050
562	6469731,256	508199,032	30,820	615	6469886,626	508080,252	31,030
563	6469727,775	508195,046	30,750	616	6469890,247	508078,189	31,110
564	6469730,627	508192,249	30,600	617	6469892,530	508077,581	31,040
565	6469733,746	508190,810	30,810	618	6469895,771	508074,094	31,100
566	6469730,249	508188,719	30,990	619	6469898,422	508072,238	31,120
567	6469728,352	508184,938	31,090	620	6469900,803	508072,365	31,180
568	6469728,858	508182,241	31,140	621	6469902,504	508071,107	31,060
569	6469730,339	508180,762	31,170	622	6469903,580	508067,752	31,090
570	6469724,194	508187,445	31,160	623	6469906,359	508065,608	31,100
571	6469797,604	508164,414	32,060	624	6469908,951	508065,042	31,180
572	6469798,623	508165,435	31,960	625	6469911,252	508064,031	31,120
573	6469798,879	508166,566	31,820	626	6469913,819	508062,547	31,280
574	6469804,463	508157,542	30,910	627	6469915,239	508059,861	31,050
575	6469809,794	508152,770	30,830	628	6469916,306	508056,723	31,180
576	6469811,214	508152,794	31,060	629	6469918,170	508053,654	31,030
577	6469815,108	508148,615	30,980	630	6469925,349	508052,229	30,750
578	6469815,600	508149,526	31,170	631	6469928,969	508053,308	30,870
579	6469820,547	508148,736	31,030	632	6469930,559	508054,888	30,820

633	6469930,430	508056,189	30,780	686	6469877,130	508108,331	30,920
634	6469927,811	508058,096	30,800	687	6469875,359	508104,999	30,980
635	6469925,424	508059,079	30,840	688	6469871,664	508106,944	31,050
636	6469921,568	508062,282	30,720	689	6469869,660	508107,952	31,070
637	6469919,653	508065,768	30,790	690	6469872,335	508110,572	30,940
638	6469916,367	508068,726	30,760	691	6469874,572	508113,790	30,750
639	6469912,842	508071,268	30,930	692	6469876,041	508117,517	30,800
640	6469914,942	508074,936	30,870	693	6469876,040	508117,561	30,650
641	6469917,653	508078,556	30,830	694	6469876,400	508119,156	31,200
642	6469921,177	508082,182	30,710	695	6469876,417	508119,352	31,090
643	6469922,224	508083,248	31,460	696	6469868,843	508108,876	31,000
644	6469916,668	508086,935	31,220	697	6469864,998	508110,159	31,120
645	6469915,639	508085,620	30,740	698	6469866,263	508112,842	31,040
646	6469913,182	508082,479	30,850	699	6469867,350	508114,914	31,240
647	6469911,619	508078,983	30,940	700	6469868,648	508118,765	30,790
648	6469909,663	508075,960	31,180	701	6469862,581	508120,063	30,940
649	6469905,918	508079,867	30,980	702	6469861,919	508116,677	31,380
650	6469908,110	508082,504	30,760	703	6469861,150	508114,992	31,260
651	6469910,553	508086,110	30,890	704	6469860,593	508114,241	31,140
652	6469911,965	508089,200	30,880	705	6469854,232	508116,234	31,130
653	6469912,968	508090,011	31,460	706	6469854,230	508117,560	31,130
654	6469908,453	508093,410	31,430	707	6469854,834	508118,767	31,610
655	6469907,667	508092,437	30,960	708	6469849,940	508116,135	31,150
656	6469905,439	508089,688	30,800	709	6469849,970	508116,427	31,130
657	6469903,317	508087,282	30,820	710	6469850,221	508118,255	31,000
658	6469900,803	508083,559	30,980	711	6469850,981	508119,861	31,820
659	6469897,299	508085,868	31,080	712	6469851,866	508129,103	30,930
660	6469896,497	508084,956	31,480	713	6469847,834	508124,137	31,000
661	6469894,777	508088,928	31,040	714	6469846,330	508120,876	31,170
662	6469893,807	508087,843	31,560	715	6469847,055	508117,271	31,180
663	6469892,139	508092,417	30,920	716	6469843,594	508119,878	30,940
664	6469897,279	508090,600	30,890	717	6469840,432	508122,975	31,310
665	6469898,565	508093,050	30,840	718	6469842,048	508126,456	31,060
666	6469895,352	508095,199	30,720	719	6469843,445	508130,359	31,230
667	6469901,566	508097,551	30,910	720	6469836,894	508125,673	31,070
668	6469902,991	508098,802	31,320	721	6469833,744	508126,436	31,380
669	6469898,303	508102,180	31,430	722	6469831,163	508125,898	31,130
670	6469897,115	508100,950	30,750	723	6469834,846	508130,779	31,160
671	6469894,965	508104,630	31,260	724	6469837,099	508135,591	31,200
672	6469894,383	508103,450	30,780	725	6469833,854	508140,284	30,960
673	6469891,306	508106,307	31,180	726	6469831,093	508135,621	31,170
674	6469890,451	508104,606	30,900	727	6469828,410	508131,576	31,020
675	6469890,112	508099,031	30,710	728	6469824,646	508134,514	31,140
676	6469888,339	508094,714	30,880	729	6469823,650	508136,945	30,890
677	6469883,794	508095,062	31,120	730	6469827,319	508140,564	31,210
678	6469880,015	508097,100	31,120	731	6469820,180	508140,913	30,840
679	6469879,102	508099,172	31,040	732	6469815,494	508142,580	30,860
680	6469882,450	508103,177	30,920	733	6469892,610	508080,725	31,960
681	6469885,594	508108,042	30,900	734	6469893,044	508083,084	31,750
682	6469886,349	508109,461	31,200	735	6469893,154	508085,962	31,700
683	6469889,045	508113,621	31,360	736	6469894,205	508085,117	31,650
684	6469880,692	508113,604	31,210	737	6469895,202	508083,433	31,730
685	6469879,493	508111,989	30,960	738	6469894,753	508082,150	31,930

739	6469894,310	508079,989	32,350	792	6469935,097	508070,377	30,820
740	6469921,875	508066,845	30,700	793	6469928,237	508075,923	30,790
741	6469918,518	508070,415	30,610	794	6469929,916	508079,411	30,660
742	6469916,856	508072,750	30,810	795	6469931,401	508082,688	31,020
743	6469918,730	508074,795	30,890	796	6469923,532	508077,032	30,890
744	6469921,271	508072,031	30,730	797	6469923,431	508077,041	30,950
745	6469924,004	508068,501	30,670	798	6469920,121	508076,671	30,920
746	6469925,941	508066,122	30,740	799	6469955,523	508052,535	30,670
747	6469924,380	508064,429	30,610	800	6469961,362	508052,947	30,610
748	6469929,219	508063,488	30,740	801	6469966,304	508054,555	30,750
749	6469928,624	508060,931	30,710	802	6469971,108	508059,213	31,120
750	6469933,077	508062,768	30,690	803	6469973,923	508062,057	31,420
751	6469937,223	508062,279	30,680	804	6469973,784	508063,764	30,650
752	6469941,615	508062,091	30,820	805	6469976,408	508052,698	30,650
753	6469944,507	508061,321	30,710	806	6469978,951	508053,765	31,270
754	6469948,097	508061,004	30,980	807	6469981,131	508055,034	31,340
755	6469952,249	508058,912	30,990	808	6469982,119	508056,681	30,750
756	6469956,141	508056,717	30,790	809	6469976,240	508050,455	30,660
757	6469960,893	508057,544	30,820	810	6469969,412	508047,503	30,740
758	6469963,993	508059,016	30,820	811	6469964,255	508047,822	30,520
759	6469963,470	508061,699	30,730	812	6469958,491	508053,109	30,610
760	6469963,663	508063,397	30,700	813	6469957,030	508048,690	30,600
761	6469964,439	508064,478	31,100	814	6469949,220	508048,894	30,700
762	6469961,109	508063,859	30,730	815	6469951,010	508054,462	30,700
763	6469959,574	508065,222	30,870	816	6469946,089	508054,994	30,750
764	6469960,875	508066,201	30,830	817	6469942,961	508050,795	30,770
765	6469963,911	508069,036	30,700	818	6469939,477	508056,863	30,740
766	6469965,883	508072,282	30,430	819	6469933,426	508057,659	30,750
767	6469962,238	508075,095	30,750	820	6469936,593	508052,968	30,750
768	6469961,386	508073,960	30,340	821	6469933,139	508049,520	30,960
769	6469958,625	508069,791	30,950	822	6469935,899	508044,227	31,140
770	6469957,184	508067,015	31,150	823	6469938,399	508046,222	30,970
771	6469957,070	508065,853	30,770	824	6469945,260	508043,400	31,240
772	6469949,933	508067,376	30,880	825	6469946,506	508045,814	30,810
773	6469950,085	508069,357	30,560	826	6469952,251	508041,756	31,470
774	6469950,120	508070,527	31,510	827	6469952,698	508043,881	30,610
775	6469951,448	508072,572	30,700	828	6469957,592	508039,774	31,570
776	6469946,422	508074,782	30,590	829	6469958,694	508042,215	30,650
777	6469945,575	508071,850	31,450	830	6469965,258	508037,905	31,630
778	6469945,944	508070,797	31,340	831	6469965,836	508040,663	30,930
779	6469945,878	508070,774	31,360	832	6469972,392	508036,946	31,340
780	6469945,959	508068,926	30,730	833	6469971,995	508039,549	31,000
781	6469939,147	508069,060	30,500	834	6469977,441	508041,551	30,930
782	6469938,910	508070,431	30,490	835	6469984,663	508041,776	31,080
783	6469938,282	508072,323	31,190	836	6469986,234	508042,674	30,830
784	6469938,238	508072,265	31,720	837	6469987,772	508044,382	31,530
785	6469939,272	508074,830	31,230	838	6469989,451	508042,306	30,850
786	6469938,957	508077,511	30,730	839	6469992,317	508044,352	30,860
787	6469934,756	508079,127	30,620	840	6469990,127	508046,189	31,290
788	6469933,822	508076,538	31,280	841	6469992,578	508047,670	30,660
789	6469932,963	508075,174	31,030	842	6469987,347	508038,615	31,160
790	6469932,207	508073,692	30,780	843	6469981,175	508032,410	31,580
791	6469932,038	508072,610	30,830	844	6469974,892	508026,196	31,900

845	6469969,639	508019,460	32,080	898	6469973,067	507994,291	30,990
846	6469965,746	508015,609	31,730	899	6469980,036	507987,431	31,060
847	6469962,614	508017,829	31,790	900	6469975,106	507981,978	30,810
848	6469959,347	508017,601	31,680	901	6469969,368	507975,535	30,550
849	6469958,405	508015,018	31,590	902	6469977,085	507969,595	30,640
850	6469960,745	508012,749	31,600	903	6469980,774	507974,914	30,730
851	6469963,616	508012,458	31,570	904	6469985,459	507980,887	30,890
852	6469964,751	508013,856	31,650	905	6469995,134	507976,217	30,810
853	6469962,349	508022,401	32,000	906	6469990,265	507969,643	30,820
854	6469965,300	508027,852	31,990	907	6469985,565	507963,299	30,710
855	6469967,389	508032,693	31,800	908	6469994,792	507956,290	30,640
856	6469960,336	508034,210	31,790	909	6469999,755	507963,764	30,660
857	6469956,267	508028,300	31,770	910	6470003,837	507970,480	30,790
858	6469952,644	508021,524	31,550	911	6470012,899	507964,207	30,810
859	6469950,615	508018,369	31,240	912	6470007,413	507956,025	30,800
860	6469944,629	508023,635	31,150	913	6470003,430	507950,211	30,590
861	6469946,765	508026,305	31,510	914	6470010,042	507943,063	30,640
862	6469950,107	508031,505	31,790	915	6470014,406	507949,722	30,840
863	6469951,866	508036,026	31,670	916	6470019,648	507956,454	31,210
864	6469942,848	508039,580	31,470	917	6470028,353	507949,839	30,910
865	6469938,609	508027,262	31,060	918	6470024,242	507943,679	30,760
866	6469935,185	508018,372	30,860	919	6470019,545	507936,833	30,720
867	6469928,683	508025,469	30,730	920	6470027,922	507930,560	30,960
868	6469926,251	508020,472	30,650	921	6470030,174	507937,864	30,800
869	6469923,245	508014,807	30,800	922	6470034,954	507939,981	30,890
870	6469930,303	508010,959	30,840	923	6470043,107	507934,750	30,890
871	6469931,881	508008,206	30,880	924	6470039,944	507929,088	30,850
872	6469930,487	508007,448	30,990	925	6470037,156	507923,887	30,820
873	6469931,422	508007,108	31,410	926	6470045,258	507918,120	30,970
874	6469930,518	508005,711	30,860	927	6470049,892	507924,621	31,100
875	6469933,015	508003,833	30,900	928	6470053,268	507918,631	31,060
876	6469935,195	508002,715	30,850	929	6470051,831	507913,311	30,930
877	6469937,944	508002,563	30,910	930	6470057,191	507920,588	31,600
878	6469939,423	508004,909	30,970	931	6470057,363	507917,112	31,660
879	6469938,208	508006,895	31,040	932	6470056,055	507917,545	31,260
880	6469935,738	508007,389	30,950	933	6470056,702	507912,477	31,660
881	6469933,623	508007,577	30,940	934	6470055,607	507912,950	31,210
882	6469936,583	508012,086	30,850	935	6470055,349	507906,260	31,680
883	6469939,714	508016,929	30,930	936	6470054,245	507906,745	31,040
884	6469945,578	508014,197	30,790	937	6470054,879	507900,186	31,700
885	6469944,513	508009,374	30,920	938	6470056,720	507899,386	31,650
886	6469942,782	508002,808	30,870	939	6470058,709	507898,771	31,640
887	6469940,690	507998,354	30,850	940	6470056,720	507889,996	31,560
888	6469947,576	507994,017	30,800	941	6470054,758	507890,079	31,520
889	6469951,339	507998,165	30,650	942	6470052,868	507890,072	31,510
890	6469955,226	508002,653	30,960	943	6470050,570	507879,243	31,240
891	6469963,673	507999,808	30,920	944	6470052,473	507878,787	31,320
892	6469960,433	507995,579	31,120	945	6470054,457	507877,976	31,360
893	6469956,483	507991,058	30,880	946	6470055,574	507877,899	31,240
894	6469953,570	507987,195	30,790	947	6470056,760	507877,813	30,370
895	6469960,655	507981,331	30,800	948	6470058,478	507877,525	31,130
896	6469965,381	507985,937	30,870	949	6470057,273	507885,841	31,260
897	6469969,514	507990,845	30,840	950	6470058,568	507885,734	30,520

951	6470059,774	507885,519	31,140	1004	6470145,801	507853,018	30,770
952	6470059,620	507897,333	31,530	1005	6470146,247	507853,647	30,700
953	6470061,046	507897,119	30,680	1006	6470149,205	507849,665	30,760
954	6470062,697	507896,937	31,440	1007	6470154,577	507846,764	30,770
955	6470063,899	507900,497	31,450	1008	6470158,158	507844,296	31,020
956	6470062,488	507901,748	30,670	1009	6470160,507	507843,496	31,420
957	6470061,422	507902,353	31,480	1010	6470161,100	507841,227	31,380
958	6470063,091	507904,030	31,260	1011	6470158,664	507838,937	31,240
959	6470064,172	507903,325	30,650	1012	6470152,832	507838,348	30,970
960	6470065,305	507902,135	31,240	1013	6470145,591	507843,970	31,050
961	6470065,812	507903,645	30,700	1014	6470139,309	507849,690	31,000
962	6470066,401	507904,953	31,240	1015	6470131,693	507855,015	30,950
963	6470070,750	507902,045	30,870	1016	6470125,489	507859,080	31,080
964	6470070,553	507901,435	30,650	1017	6470117,558	507862,172	31,350
965	6470070,219	507900,159	31,420	1018	6470111,860	507866,333	31,140
966	6470078,455	507897,671	31,040	1019	6470110,823	507868,141	30,880
967	6470078,194	507896,895	30,710	1020	6470112,030	507869,484	30,690
968	6470077,833	507896,080	31,180	1021	6470110,403	507870,198	30,660
969	6470077,101	507894,806	31,470	1022	6470110,577	507869,372	30,360
970	6470084,211	507891,787	31,330	1023	6470107,996	507866,893	30,710
971	6470084,875	507892,825	30,620	1024	6470107,929	507868,062	30,400
972	6470085,383	507893,490	30,920	1025	6470107,643	507869,091	30,750
973	6470093,214	507889,422	31,150	1026	6470105,019	507868,949	30,670
974	6470093,184	507888,737	30,760	1027	6470098,018	507873,938	30,730
975	6470093,063	507887,862	31,050	1028	6470088,937	507879,990	31,270
976	6470103,218	507883,510	30,900	1029	6470082,366	507883,707	31,360
977	6470102,834	507882,901	30,420	1030	6470076,782	507885,225	31,320
978	6470102,350	507881,866	31,030	1031	6470070,653	507886,959	31,320
979	6470113,039	507878,063	30,970	1032	6470066,902	507888,368	31,490
980	6470112,500	507877,299	30,530	1033	6470064,560	507887,301	31,410
981	6470111,770	507876,522	31,000	1034	6470062,671	507885,106	31,390
982	6470116,619	507875,052	30,930	1035	6470061,491	507885,744	31,530
983	6470116,051	507874,580	30,580	1036	6470063,777	507896,770	31,630
984	6470115,308	507874,106	31,030	1037	6470066,144	507897,228	31,560
985	6470115,490	507873,440	30,890	1038	6470065,052	507894,990	32,480
986	6470115,584	507873,042	30,720	1039	6470070,206	507897,348	31,510
987	6470116,047	507872,208	30,530	1040	6470072,859	507910,249	31,190
988	6470113,951	507871,211	30,590	1041	6470082,679	507905,622	31,080
989	6470113,512	507872,167	30,640	1042	6470096,094	507897,475	31,080
990	6470116,934	507872,336	30,700	1043	6470105,777	507891,791	31,230
991	6470118,729	507871,879	30,830	1044	6470116,867	507885,239	31,180
992	6470118,832	507872,890	30,500	1045	6470125,951	507879,429	31,040
993	6470118,831	507872,867	30,430	1046	6470133,934	507873,980	30,970
994	6470119,681	507873,623	30,980	1047	6470143,480	507866,249	30,890
995	6470126,552	507869,287	30,950	1048	6470150,005	507859,826	30,650
996	6470126,245	507868,354	30,510	1049	6470153,847	507857,767	30,710
997	6470125,857	507867,256	30,820	1050	6470159,119	507852,895	30,790
998	6470135,373	507862,833	30,970	1051	6470162,718	507849,426	31,010
999	6470134,871	507862,296	30,610	1052	6470163,611	507848,612	31,200
1000	6470134,505	507861,738	31,020	1053	6470166,495	507856,345	30,820
1001	6470140,875	507858,216	30,830	1054	6470167,925	507855,453	31,530
1002	6470140,828	507857,632	30,680	1055	6470169,527	507863,907	30,960
1003	6470140,241	507857,046	30,750	1056	6470170,901	507863,027	31,650

1057	6470174,835	507870,639	31,020	1110	6470167,090	507913,475	32,560
1058	6470175,885	507869,102	32,260	1111	6470166,278	507915,758	31,270
1059	6470179,704	507877,263	30,860	1112	6470164,273	507913,924	31,220
1060	6470181,475	507875,495	31,960	1113	6470161,165	507910,702	30,830
1061	6470183,507	507883,184	30,930	1114	6470160,366	507903,914	31,090
1062	6470185,003	507883,332	31,100	1115	6470156,528	507897,590	31,000
1063	6470187,533	507889,273	30,790	1116	6470151,868	507891,214	31,120
1064	6470188,750	507889,743	31,100	1117	6470146,667	507883,770	31,060
1065	6470182,677	507891,769	30,790	1118	6470142,462	507877,975	31,070
1066	6470183,244	507892,868	31,080	1119	6470132,817	507883,256	31,210
1067	6470186,200	507900,432	31,010	1120	6470137,122	507887,893	31,230
1068	6470185,438	507909,015	31,730	1121	6470141,074	507895,567	31,060
1069	6470181,565	507905,028	31,140	1122	6470145,710	507902,135	31,100
1070	6470180,669	507899,045	30,900	1123	6470149,487	507907,881	31,260
1071	6470179,608	507895,232	30,950	1124	6470152,592	507908,329	31,090
1072	6470178,984	507893,887	30,850	1125	6470153,240	507910,561	31,030
1073	6470175,086	507888,131	30,850	1126	6470150,616	507914,907	31,010
1074	6470172,232	507882,653	30,910	1127	6470153,951	507918,020	30,630
1075	6470169,183	507877,432	30,990	1128	6470157,167	507922,109	31,110
1076	6470164,863	507870,930	31,020	1129	6470161,019	507927,004	31,200
1077	6470161,225	507867,424	31,000	1130	6470153,205	507932,058	30,780
1078	6470158,961	507865,089	30,960	1131	6470148,839	507926,436	30,810
1079	6470150,036	507871,348	30,720	1132	6470147,335	507923,169	30,810
1080	6470154,809	507878,657	31,130	1133	6470147,295	507918,817	30,970
1081	6470160,251	507885,720	31,110	1134	6470143,406	507921,346	30,830
1082	6470165,919	507892,343	31,100	1135	6470140,169	507923,294	30,860
1083	6470171,893	507900,117	30,740	1136	6470136,820	507920,709	30,910
1084	6470173,026	507902,016	30,680	1137	6470134,700	507917,234	31,110
1085	6470175,095	507907,641	30,740	1138	6470136,912	507912,260	31,190
1086	6470177,606	507912,105	31,490	1139	6470143,358	507909,769	31,160
1087	6470171,125	507907,722	30,700	1140	6470147,895	507907,728	31,160
1088	6470170,147	507907,710	29,890	1141	6470150,419	507907,786	31,280
1089	6470169,466	507910,624	30,770	1142	6470134,928	507908,823	31,210
1090	6470168,890	507909,442	30,190	1143	6470131,273	507902,087	31,480
1091	6470167,279	507910,995	31,220	1144	6470127,533	507895,870	31,320
1092	6470167,002	507909,521	29,840	1145	6470124,597	507891,237	31,300
1093	6470167,332	507912,774	32,420	1146	6470115,352	507895,884	31,300
1094	6470166,084	507913,380	32,610	1147	6470119,007	507903,852	31,160
1095	6470164,476	507912,847	31,370	1148	6470123,431	507912,542	31,170
1096	6470164,572	507910,789	30,830	1149	6470127,975	507920,718	31,020
1097	6470164,625	507909,144	29,950	1150	6470131,464	507927,822	30,840
1098	6470162,702	507909,097	30,870	1151	6470135,373	507933,704	30,770
1099	6470164,672	507908,459	29,970	1152	6470138,658	507938,799	30,850
1100	6470165,451	507905,689	30,820	1153	6470131,579	507944,052	30,770
1101	6470166,401	507906,996	29,820	1154	6470128,132	507939,428	30,640
1102	6470168,692	507904,827	30,730	1155	6470125,519	507936,557	30,960
1103	6470168,268	507906,523	29,830	1156	6470126,923	507938,537	30,830
1104	6470169,966	507907,274	30,630	1157	6470124,078	507940,305	30,840
1105	6470169,047	507907,170	29,720	1158	6470120,516	507942,538	31,120
1106	6470171,050	507907,034	30,740	1159	6470117,872	507940,191	31,010
1107	6470169,763	507912,771	30,870	1160	6470118,695	507937,971	31,190
1108	6470169,717	507912,745	30,920	1161	6470119,678	507937,053	31,180
1109	6470168,392	507915,062	31,110	1162	6470122,627	507937,657	30,840

1163	6470122,751	507936,570	30,150	1216	6470071,409	507953,758	31,100
1164	6470122,403	507935,129	29,410	1217	6470074,945	507952,987	31,030
1165	6470119,722	507936,476	30,760	1218	6470078,353	507955,026	31,100
1166	6470120,171	507935,570	30,100	1219	6470078,534	507956,676	30,970
1167	6470120,243	507932,803	30,830	1220	6470071,352	507954,223	31,200
1168	6470121,123	507933,020	30,150	1221	6470071,748	507956,785	31,380
1169	6470122,819	507932,085	30,800	1222	6470073,234	507958,371	30,720
1170	6470122,398	507932,896	30,100	1223	6470071,931	507958,978	31,500
1171	6470125,510	507934,333	30,860	1224	6470074,113	507957,962	31,120
1172	6470124,448	507934,612	30,070	1225	6470075,876	507957,661	31,290
1173	6470124,269	507935,757	30,120	1226	6470076,155	507959,157	30,510
1174	6470118,668	507925,770	30,960	1227	6470077,047	507960,435	31,210
1175	6470115,681	507919,516	31,120	1228	6470071,757	507961,062	31,250
1176	6470110,339	507913,204	31,220	1229	6470073,420	507961,974	30,680
1177	6470104,677	507907,128	31,220	1230	6470074,381	507962,531	30,650
1178	6470101,097	507902,823	31,190	1231	6470075,377	507963,008	31,450
1179	6470092,547	507906,361	31,170	1232	6470072,844	507968,510	31,240
1180	6470095,292	507913,466	31,060	1233	6470073,820	507968,300	30,530
1181	6470098,340	507920,582	31,170	1234	6470074,601	507967,918	30,580
1182	6470102,097	507927,917	30,790	1235	6470075,864	507967,540	31,340
1183	6470105,649	507934,392	30,800	1236	6470074,174	507974,341	31,430
1184	6470108,422	507939,011	30,780	1237	6470075,028	507973,604	30,500
1185	6470112,050	507944,529	30,720	1238	6470075,706	507973,331	30,520
1186	6470117,500	507951,430	30,950	1239	6470077,337	507972,479	31,340
1187	6470120,976	507955,396	31,000	1240	6470078,685	507968,053	31,650
1188	6470117,738	507958,346	30,890	1241	6470076,899	507964,678	31,500
1189	6470113,947	507957,781	31,930	1242	6470076,308	507962,567	31,830
1190	6470111,570	507952,007	30,680	1243	6470081,489	507963,432	31,860
1191	6470104,296	507941,835	30,770	1244	6470070,688	507967,800	31,430
1192	6470098,905	507932,122	30,680	1245	6470067,668	507969,044	31,400
1193	6470094,122	507925,189	31,040	1246	6470069,536	507978,516	31,390
1194	6470089,970	507919,573	31,060	1247	6470072,336	507977,485	31,400
1195	6470085,589	507914,035	31,160	1248	6470068,386	507962,513	31,300
1196	6470078,309	507919,455	31,240	1249	6470066,142	507963,373	31,330
1197	6470081,750	507925,996	31,000	1250	6470062,345	507954,074	31,290
1198	6470084,608	507934,619	30,960	1251	6470059,188	507948,618	31,470
1199	6470087,290	507941,833	30,730	1252	6470055,823	507943,329	31,680
1200	6470089,667	507948,635	30,730	1253	6470053,109	507940,082	31,700
1201	6470091,445	507953,825	30,650	1254	6470051,441	507943,210	31,690
1202	6470096,922	507952,589	30,750	1255	6470047,742	507943,571	31,530
1203	6470099,228	507960,711	31,250	1256	6470045,386	507940,936	31,440
1204	6470094,137	507960,958	31,640	1257	6470045,357	507937,335	31,260
1205	6470088,148	507963,739	31,680	1258	6470048,485	507936,246	31,530
1206	6470085,138	507955,097	30,610	1259	6470051,299	507937,127	31,600
1207	6470080,946	507946,578	30,850	1260	6470052,585	507939,132	31,720
1208	6470077,513	507940,676	30,980	1261	6470050,066	507933,350	31,520
1209	6470073,614	507933,349	31,200	1262	6470051,937	507931,725	31,540
1210	6470069,295	507924,519	31,360	1263	6470051,111	507929,308	31,480
1211	6470065,870	507918,707	31,540	1264	6470048,341	507929,069	31,070
1212	6470056,643	507924,688	31,490	1265	6470046,998	507931,370	30,990
1213	6470061,631	507932,348	31,530	1266	6470048,416	507933,471	31,160
1214	6470065,708	507939,861	31,310	1267	6470042,030	507942,117	31,290
1215	6470070,190	507948,040	31,200	1268	6470046,667	507949,595	31,580

1269	6470050,473	507956,590	31,620	1322	6470047,277	507975,640	31,130
1270	6470054,428	507962,941	31,530	1323	6470046,627	507975,767	31,460
1271	6470057,640	507967,295	31,090	1324	6470046,780	507974,303	31,330
1272	6470059,258	507970,336	31,600	1325	6470041,337	507987,595	31,550
1273	6470055,919	507975,466	31,410	1326	6470038,110	507985,012	31,450
1274	6470054,439	507974,864	31,160	1327	6470032,681	507979,401	31,710
1275	6470052,288	507976,968	31,050	1328	6470027,590	507973,565	31,850
1276	6470047,404	507972,961	31,440	1329	6470024,035	507969,318	31,790
1277	6470049,392	507970,165	31,550	1330	6470019,476	507964,732	31,160
1278	6470052,317	507969,658	31,460	1331	6470016,231	507970,485	31,350
1279	6470054,572	507971,464	31,190	1332	6470019,056	507971,533	31,590
1280	6470054,410	507974,005	31,320	1333	6470018,723	507974,998	31,690
1281	6470046,100	507966,836	31,690	1334	6470015,631	507976,471	31,710
1282	6470042,860	507959,721	31,810	1335	6470013,720	507974,032	31,520
1283	6470039,701	507954,305	31,700	1336	6470014,222	507971,493	31,410
1284	6470035,644	507948,137	31,290	1337	6470015,793	507970,827	31,480
1285	6470030,064	507954,633	31,400	1338	6470015,831	507970,756	31,390
1286	6470030,418	507957,316	31,790	1339	6470019,690	507978,971	31,860
1287	6470029,447	507959,109	31,660	1340	6470024,107	507983,414	31,830
1288	6470027,344	507960,141	31,640	1341	6470028,028	507986,647	31,700
1289	6470025,783	507958,240	31,560	1342	6470031,269	507990,640	31,470
1290	6470026,355	507955,868	31,500	1343	6470033,977	507995,115	31,560
1291	6470029,097	507954,612	31,400	1344	6470036,713	507999,135	31,380
1292	6470032,012	507960,767	31,710	1345	6470033,843	508002,071	31,530
1293	6470032,220	507961,683	31,750	1346	6470031,483	507998,145	31,480
1294	6470035,717	507967,795	31,850	1347	6470028,072	507999,305	31,310
1295	6470038,547	507973,491	31,770	1348	6470025,833	507997,061	31,520
1296	6470042,318	507977,713	31,550	1349	6470026,997	507993,985	31,460
1297	6470044,971	507979,593	31,370	1350	6470030,229	507993,455	31,500
1298	6470054,837	507975,141	31,140	1351	6470032,361	507996,817	31,400
1299	6470056,749	507975,760	31,790	1352	6470031,951	507994,726	31,320
1300	6470052,340	507977,387	30,980	1353	6470022,458	507991,903	31,680
1301	6470053,426	507978,005	31,010	1354	6470017,849	507986,545	31,910
1302	6470054,646	507978,456	31,590	1355	6470014,256	507982,756	31,780
1303	6470051,229	507979,237	30,990	1356	6470009,971	507977,651	31,490
1304	6470051,473	507980,121	30,930	1357	6470008,168	507975,191	30,830
1305	6470049,994	507980,604	31,650	1358	6469999,194	507982,087	31,010
1306	6470050,484	507978,629	31,380	1359	6470000,828	507983,814	31,560
1307	6470053,973	507981,958	31,480	1360	6470004,287	507989,542	31,850
1308	6470054,432	507980,999	30,800	1361	6470009,140	507994,331	31,920
1309	6470055,134	507980,054	31,380	1362	6470013,693	507998,960	31,750
1310	6470059,494	507983,798	31,140	1363	6470018,301	508003,906	31,620
1311	6470059,701	507982,609	30,680	1364	6470020,757	508007,412	31,600
1312	6470059,791	507981,874	31,020	1365	6470013,702	508013,578	31,480
1313	6470064,453	507986,625	31,160	1366	6470008,276	508006,779	31,860
1314	6470064,882	507985,609	30,650	1367	6470001,814	507999,554	31,870
1315	6470065,319	507984,543	31,230	1368	6469996,835	507994,357	31,840
1316	6470056,557	507978,981	31,810	1369	6469992,561	507990,409	31,680
1317	6470055,160	507978,715	31,690	1370	6469984,687	507996,274	31,760
1318	6470048,691	507977,895	31,370	1371	6469989,632	508002,844	31,920
1319	6470048,159	507978,298	30,940	1372	6469994,440	508007,535	31,960
1320	6470047,342	507978,744	31,390	1373	6470000,383	508013,365	31,840
1321	6470047,857	507975,422	31,420	1374	6470004,750	508019,521	31,610

1375	6470003,728	508023,851	31,130	1428	6469482,403	508415,236	31,430
1376	6469997,199	508028,736	31,270	1429	6469475,637	508419,067	31,690
1377	6469992,874	508022,139	31,600	1430	6469477,430	508424,683	31,500
1378	6469988,180	508015,067	31,950	1431	6469472,719	508427,048	31,420
1379	6469983,198	508007,831	31,860	1432	6469470,192	508421,946	31,760
1380	6469978,461	508000,724	31,810	1433	6469464,440	508424,936	31,720
1381	6469977,146	507998,233	31,230	1434	6469466,989	508430,613	31,280
1382	6469969,755	508002,903	31,070	1435	6469460,910	508433,350	31,480
1383	6469971,175	508005,211	31,530	1436	6469456,659	508429,595	31,160
1384	6469975,089	508011,797	31,820	1437	6469450,730	508432,898	31,620
1385	6469979,470	508017,145	31,980	1438	6469452,490	508439,219	31,460
1386	6469983,262	508023,668	31,890	1439	6469446,314	508444,137	31,620
1387	6469987,205	508028,765	31,620	1440	6469443,565	508437,201	31,760
1388	6469990,917	508034,204	31,340	1441	6469438,800	508440,725	31,740
1389	6469519,811	508427,341	31,300	1442	6469439,477	508441,945	31,950
1390	6469518,363	508422,671	31,470	1443	6469438,589	508442,472	31,800
1391	6469519,875	508414,049	31,430	1444	6469439,725	508443,389	32,140
1392	6469517,864	508405,386	31,550	1445	6469439,444	508444,611	31,930
1393	6469517,094	508404,011	31,780	1446	6469439,370	508445,766	31,560
1394	6469510,960	508398,593	31,050	1447	6469437,067	508442,509	32,200
1395	6469505,528	508402,232	30,850	1448	6469436,084	508446,588	31,640
1396	6469506,086	508409,763	30,870	1449	6469434,822	508443,000	32,860
1397	6469503,979	508413,442	30,800	1450	6469434,176	508442,439	32,030
1398	6469507,156	508411,989	30,650	1451	6469430,951	508442,482	31,860
1399	6469509,319	508409,268	30,550	1452	6469431,022	508448,014	31,500
1400	6469511,656	508404,178	30,960	1453	6469427,568	508448,141	31,390
1401	6469512,691	508407,767	30,840	1454	6469421,900	508445,052	31,780
1402	6469514,907	508406,930	31,130	1455	6469422,590	508448,955	31,830
1403	6469515,401	508409,761	31,570	1456	6469417,094	508445,574	31,480
1404	6469512,895	508408,995	30,850	1457	6469417,523	508450,075	31,500
1405	6469511,145	508412,242	30,930	1458	6469411,504	508446,953	31,820
1406	6469512,494	508412,894	31,420	1459	6469409,769	508448,412	32,090
1407	6469511,120	508414,915	31,370	1460	6469410,381	508449,942	32,060
1408	6469510,354	508413,704	30,940	1461	6469412,613	508451,541	31,640
1409	6469507,270	508415,859	30,920	1462	6469408,673	508452,809	31,640
1410	6469507,980	508416,969	31,540	1463	6469407,882	508450,354	31,740
1411	6469504,553	508417,398	31,370	1464	6469406,465	508448,108	31,600
1412	6469504,066	508416,921	30,970	1465	6469406,162	508454,706	31,540
1413	6469502,443	508419,084	31,510	1466	6469402,213	508455,524	31,400
1414	6469501,871	508418,152	30,950	1467	6469398,062	508453,310	31,490
1415	6469500,638	508421,202	31,550	1468	6469396,326	508452,785	31,550
1416	6469500,051	508420,371	30,920	1469	6469394,874	508451,022	31,590
1417	6469497,357	508420,959	30,990	1470	6469395,584	508446,980	31,860
1418	6469496,651	508418,100	31,040	1471	6469391,954	508451,782	31,480
1419	6469496,836	508413,618	31,170	1472	6469390,551	508449,508	31,530
1420	6469499,620	508411,634	31,090	1473	6469391,198	508454,180	31,510
1421	6469500,910	508409,000	31,160	1474	6469386,338	508453,046	31,590
1422	6469498,911	508406,560	31,340	1475	6469386,917	508449,385	31,510
1423	6469496,430	508407,107	31,230	1476	6469381,506	508449,624	31,380
1424	6469492,806	508409,351	31,340	1477	6469376,191	508448,697	31,410
1425	6469486,845	508411,271	31,300	1478	6469371,000	508447,076	31,440
1426	6469490,647	508418,293	31,220	1479	6469373,671	508451,502	31,380
1427	6469485,625	508420,575	31,420	1480	6469367,866	508450,092	31,370

1481	6469363,101	508449,143	31,380	1534	6469299,787	508470,674	32,050
1482	6469366,841	508444,918	31,380	1535	6469301,981	508473,450	32,040
1483	6469369,451	508446,258	31,270	1536	6469302,260	508476,299	31,890
1484	6469369,725	508441,434	31,320	1537	6469302,229	508476,248	31,840
1485	6469371,717	508442,491	32,100	1538	6469302,372	508479,749	31,580
1486	6469370,598	508440,540	31,530	1539	6469302,673	508482,022	31,570
1487	6469367,023	508442,354	31,460	1540	6469303,690	508480,906	31,530
1488	6469361,084	508444,730	31,320	1541	6469307,359	508479,792	31,520
1489	6469360,316	508443,033	31,820	1542	6469311,969	508479,186	31,510
1490	6469355,293	508443,658	31,300	1543	6469314,497	508479,757	31,510
1491	6469355,233	508441,685	31,940	1544	6469317,396	508482,741	31,540
1492	6469354,457	508447,200	31,520	1545	6469318,740	508484,746	31,420
1493	6469354,414	508447,241	31,460	1546	6469321,875	508485,569	31,320
1494	6469348,573	508446,992	31,450	1547	6469323,580	508483,440	31,580
1495	6469350,520	508443,043	31,480	1548	6469324,610	508482,560	31,670
1496	6469350,655	508441,115	31,840	1549	6469324,762	508479,839	31,870
1497	6469345,109	508440,101	31,510	1550	6469311,181	508469,188	32,070
1498	6469346,552	508439,841	31,460	1551	6469309,514	508466,116	31,890
1499	6469346,817	508437,512	31,390	1552	6469306,281	508463,834	31,820
1500	6469348,417	508437,439	31,540	1553	6469303,091	508461,371	31,690
1501	6469350,040	508434,081	31,500	1554	6469300,897	508460,384	31,710
1502	6469351,771	508433,400	31,360	1555	6469299,479	508461,069	31,630
1503	6469344,940	508434,085	31,380	1556	6469299,655	508451,726	31,620
1504	6469342,775	508433,422	31,440	1557	6469299,656	508451,698	31,570
1505	6469341,134	508435,263	31,390	1558	6469304,419	508447,064	31,860
1506	6469339,553	508437,751	31,430	1559	6469308,717	508443,840	31,950
1507	6469333,418	508436,353	31,430	1560	6469311,548	508440,640	31,930
1508	6469330,175	508434,129	31,720	1561	6469315,664	508436,201	31,770
1509	6469330,240	508434,057	31,530	1562	6469322,927	508437,299	31,630
1510	6469325,111	508432,533	31,620	1563	6469318,778	508442,677	32,120
1511	6469321,011	508430,131	31,610	1564	6469315,540	508446,924	32,220
1512	6469318,293	508427,593	31,680	1565	6469311,678	508450,011	32,150
1513	6469311,730	508432,325	31,800	1566	6469308,146	508453,353	32,000
1514	6469310,589	508432,008	31,840	1567	6469304,229	508455,834	31,750
1515	6469306,884	508436,815	31,860	1568	6469309,025	508459,602	32,010
1516	6469306,294	508436,495	31,990	1569	6469313,210	508455,018	32,170
1517	6469303,913	508438,856	31,690	1570	6469316,728	508449,626	32,170
1518	6469303,856	508437,858	31,970	1571	6469322,225	508444,148	32,050
1519	6469300,425	508442,237	31,860	1572	6469325,522	508440,969	31,940
1520	6469299,959	508441,423	32,040	1573	6469328,355	508437,029	31,620
1521	6469296,253	508445,067	31,350	1574	6469333,047	508441,113	31,660
1522	6469295,262	508444,191	31,790	1575	6469330,338	508445,369	31,760
1523	6469292,483	508446,515	31,210	1576	6469325,290	508451,384	32,330
1524	6469291,787	508446,721	31,540	1577	6469318,315	508457,416	32,190
1525	6469292,308	508445,669	31,670	1578	6469313,559	508461,981	32,080
1526	6469295,468	508451,804	31,350	1579	6469317,820	508466,723	32,130
1527	6469294,426	508452,484	31,490	1580	6469321,223	508461,862	32,230
1528	6469296,569	508458,159	31,320	1581	6469325,568	508455,826	32,350
1529	6469295,628	508458,360	31,500	1582	6469330,497	508449,753	31,970
1530	6469297,268	508462,586	31,560	1583	6469334,536	508444,539	31,720
1531	6469296,340	508463,102	31,720	1584	6469337,479	508441,285	31,520
1532	6469298,131	508462,499	31,500	1585	6469343,937	508444,879	31,420
1533	6469297,394	508466,547	31,770	1586	6469350,125	508447,819	31,490

1587	6469356,925	508449,460	31,460	1640	6469310,681	508507,699	31,270
1588	6469356,442	508453,635	31,640	1641	6469308,060	508502,765	31,260
1589	6469349,115	508455,637	32,040	1642	6469306,951	508497,714	31,200
1590	6469344,694	508453,289	31,840	1643	6469313,816	508496,953	31,180
1591	6469338,323	508450,799	31,850	1644	6469316,755	508503,622	31,210
1592	6469333,891	508456,407	32,220	1645	6469320,036	508510,688	31,190
1593	6469339,194	508459,769	32,390	1646	6469324,430	508517,537	31,090
1594	6469345,976	508462,487	32,490	1647	6469326,908	508523,792	31,050
1595	6469341,029	508467,789	32,480	1648	6469324,812	508536,013	31,200
1596	6469336,787	508465,320	32,480	1649	6469322,254	508531,052	31,440
1597	6469331,163	508460,620	32,370	1650	6469320,848	508524,927	31,310
1598	6469325,012	508464,358	32,330	1651	6469317,802	508521,611	31,410
1599	6469324,814	508466,661	32,240	1652	6469313,576	508519,227	31,110
1600	6469327,145	508464,434	32,410	1653	6469314,744	508518,118	31,160
1601	6469329,209	508465,912	32,450	1654	6469315,704	508529,156	31,230
1602	6469326,882	508468,058	32,360	1655	6469338,107	508536,483	31,360
1603	6469328,689	508468,274	32,420	1656	6469344,201	508535,754	31,320
1604	6469329,656	508467,493	32,350	1657	6469353,035	508534,308	31,300
1605	6469332,181	508470,039	32,050	1658	6469357,065	508533,978	31,270
1606	6469334,754	508467,956	32,460	1659	6469358,195	508540,021	31,380
1607	6469340,701	508471,471	32,330	1660	6469354,875	508536,833	31,030
1608	6469336,071	508474,634	32,110	1661	6469354,930	508536,841	31,040
1609	6469332,570	508477,774	31,910	1662	6469365,193	508534,374	31,280
1610	6469326,827	508474,545	31,960	1663	6469370,508	508531,638	31,160
1611	6469321,875	508471,279	32,140	1664	6469376,915	508529,444	31,160
1612	6469316,795	508468,113	32,040	1665	6469381,047	508526,602	31,250
1613	6469313,498	508471,669	32,090	1666	6469382,985	508527,690	31,230
1614	6469316,400	508474,985	31,990	1667	6469382,287	508530,789	31,070
1615	6469321,497	508476,428	31,810	1668	6469385,797	508533,280	31,300
1616	6469321,445	508476,389	31,800	1669	6469381,861	508535,286	31,170
1617	6469328,849	508479,949	32,100	1670	6469383,011	508523,727	31,200
1618	6469338,500	508478,142	32,040	1671	6469388,445	508520,270	31,570
1619	6469333,776	508482,528	32,100	1672	6469394,707	508518,497	31,210
1620	6469329,481	508486,014	31,380	1673	6469399,224	508514,584	31,430
1621	6469322,787	508488,799	31,160	1674	6469404,151	508511,404	31,280
1622	6469315,881	508490,935	31,280	1675	6469408,201	508510,267	31,260
1623	6469309,457	508492,228	31,250	1676	6469412,198	508508,022	31,290
1624	6469305,257	508493,061	31,300	1677	6469415,332	508505,600	31,210
1625	6469303,378	508486,281	31,190	1678	6469415,837	508508,753	31,300
1626	6469308,203	508485,159	31,270	1679	6469419,478	508503,756	31,300
1627	6469313,302	508483,829	31,340	1680	6469424,298	508501,376	31,290
1628	6469298,388	508475,619	31,930	1681	6469426,891	508500,752	31,210
1629	6469297,493	508478,337	32,150	1682	6469431,103	508498,214	30,950
1630	6469297,621	508482,705	31,900	1683	6469434,795	508495,104	30,970
1631	6469297,133	508489,269	32,200	1684	6469395,764	508504,438	31,220
1632	6469299,344	508493,470	32,070	1685	6469388,718	508504,621	31,450
1633	6469301,810	508499,510	32,270	1686	6469390,424	508509,060	31,280
1634	6469301,925	508504,106	32,280	1687	6469383,166	508512,161	31,110
1635	6469305,287	508509,831	32,350	1688	6469381,329	508506,696	31,640
1636	6469307,697	508514,212	31,520	1689	6469379,596	508501,109	31,850
1637	6469310,350	508515,341	32,420	1690	6469376,341	508502,300	31,900
1638	6469311,926	508515,387	31,850	1691	6469374,011	508501,922	31,960
1639	6469313,922	508512,019	31,070	1692	6469371,525	508499,481	32,120

1693	6469372,220	508496,837	32,150	1746	6469391,410	508484,311	31,910
1694	6469380,409	508496,642	31,930	1747	6469391,331	508480,765	31,720
1695	6469380,355	508498,812	31,970	1748	6469393,799	508478,787	31,800
1696	6469370,575	508503,716	31,860	1749	6469396,061	508480,802	31,970
1697	6469373,493	508509,369	31,490	1750	6469396,855	508483,813	31,880
1698	6469375,581	508514,093	31,060	1751	6469394,244	508485,397	31,920
1699	6469366,252	508515,767	31,220	1752	6469392,820	508485,098	32,020
1700	6469365,435	508509,169	31,510	1753	6469393,348	508486,102	31,930
1701	6469364,345	508503,745	31,670	1754	6469396,596	508486,677	31,820
1702	6469356,478	508502,067	31,460	1755	6469402,733	508487,378	31,360
1703	6469358,102	508510,398	31,400	1756	6469408,732	508486,797	31,190
1704	6469360,443	508517,779	31,310	1757	6469414,599	508485,706	31,160
1705	6469352,355	508516,660	31,030	1758	6469420,450	508484,431	30,920
1706	6469350,947	508508,915	31,450	1759	6469424,393	508483,521	30,950
1707	6469349,836	508500,503	31,540	1760	6469429,142	508483,209	30,890
1708	6469339,373	508503,377	31,440	1761	6469430,057	508488,600	30,760
1709	6469341,215	508509,386	31,480	1762	6469424,871	508491,208	30,840
1710	6469343,003	508515,922	31,310	1763	6469418,458	508493,201	30,790
1711	6469344,538	508522,604	31,290	1764	6469413,035	508495,676	30,820
1712	6469339,172	508528,913	31,130	1765	6469407,720	508497,278	30,950
1713	6469334,164	508529,632	30,920	1766	6469400,015	508498,551	30,950
1714	6469331,702	508521,155	31,110	1767	6469393,236	508499,121	31,210
1715	6469336,915	508518,542	31,230	1768	6469388,710	508500,459	31,600
1716	6469335,016	508510,971	31,380	1769	6469385,724	508499,175	31,660
1717	6469328,345	508512,942	31,330	1770	6469383,409	508495,948	31,660
1718	6469326,549	508507,044	31,360	1771	6469381,354	508494,587	31,720
1719	6469331,548	508505,317	31,450	1772	6469370,168	508497,485	32,110
1720	6469329,505	508499,726	31,460	1773	6469367,093	508497,693	31,980
1721	6469329,492	508499,753	31,480	1774	6469364,967	508497,613	31,820
1722	6469321,764	508501,322	31,320	1775	6469361,402	508498,071	31,590
1723	6469318,437	508496,776	31,190	1776	6469358,633	508495,902	31,660
1724	6469326,153	508492,782	31,400	1777	6469357,313	508492,586	31,830
1725	6469329,891	508496,377	31,430	1778	6469357,294	508490,566	31,900
1726	6469338,330	508496,878	31,600	1779	6469428,362	508476,396	31,480
1727	6469334,783	508490,268	31,650	1780	6469420,851	508477,034	31,720
1728	6469338,860	508485,276	31,740	1781	6469413,491	508477,763	31,940
1729	6469342,788	508491,247	31,740	1782	6469405,069	508479,159	31,920
1730	6469350,171	508493,352	31,680	1783	6469401,808	508476,062	31,940
1731	6469348,370	508487,672	31,970	1784	6469397,598	508472,603	31,610
1732	6469344,196	508482,618	31,930	1785	6469391,966	508475,228	31,530
1733	6469341,765	508478,431	32,060	1786	6469387,742	508475,282	31,510
1734	6469347,531	508475,144	32,370	1787	6469387,754	508478,750	31,530
1735	6469350,302	508479,772	32,380	1788	6469381,852	508479,323	31,590
1736	6469352,696	508485,556	32,110	1789	6469376,127	508479,627	31,970
1737	6469357,611	508489,040	32,000	1790	6469370,329	508480,455	31,980
1738	6469361,397	508486,120	31,940	1791	6469364,630	508479,959	31,960
1739	6469367,822	508485,792	31,980	1792	6469359,265	508479,284	32,110
1740	6469374,123	508484,748	31,980	1793	6469353,317	508478,177	32,380
1741	6469379,243	508484,549	31,940	1794	6469355,970	508472,264	32,550
1742	6469382,253	508484,325	31,840	1795	6469352,170	508469,122	32,600
1743	6469385,804	508483,089	31,770	1796	6469352,684	508465,353	32,610
1744	6469388,941	508484,664	31,770	1797	6469350,274	508462,375	32,410
1745	6469391,139	508485,462	31,930	1798	6469352,620	508457,986	32,180

1799	6469357,394	508457,519	32,060	1852	6469407,033	508462,506	31,780
1800	6469360,981	508455,971	31,780	1853	6469408,184	508466,822	31,630
1801	6469364,663	508454,426	31,380	1854	6469409,538	508472,045	31,810
1802	6469368,781	508453,827	31,620	1855	6469410,093	508474,908	32,010
1803	6469370,838	508456,311	31,560	1856	6469417,634	508473,754	31,910
1804	6469370,462	508459,988	31,650	1857	6469424,180	508474,378	31,940
1805	6469370,832	508463,633	31,980	1858	6469422,502	508469,410	31,940
1806	6469370,193	508467,155	32,010	1859	6469416,388	508469,224	31,970
1807	6469369,685	508469,671	32,110	1860	6469416,544	508464,131	31,780
1808	6469370,070	508470,442	32,300	1861	6469421,993	508463,579	31,840
1809	6469373,056	508472,157	32,130	1862	6469415,202	508457,737	31,600
1810	6469372,707	508475,486	32,180	1863	6469420,510	508457,358	31,680
1811	6469369,491	508476,554	32,260	1864	6469425,536	508453,896	31,500
1812	6469367,233	508475,293	32,360	1865	6469426,903	508457,022	31,800
1813	6469362,954	508474,015	32,320	1866	6469429,692	508463,874	32,160
1814	6469359,879	508472,149	32,820	1867	6469432,526	508470,738	31,910
1815	6469378,495	508474,376	31,950	1868	6469434,866	508475,675	31,240
1816	6469378,325	508470,892	31,890	1869	6469441,788	508493,212	30,900
1817	6469379,862	508468,168	31,910	1870	6469455,448	508487,973	31,050
1818	6469382,797	508467,270	31,890	1871	6469460,784	508484,383	30,860
1819	6469384,435	508468,949	31,840	1872	6469459,266	508483,655	30,920
1820	6469383,088	508471,138	31,800	1873	6469467,519	508481,720	30,810
1821	6469382,561	508473,510	31,840	1874	6469470,386	508480,058	30,870
1822	6469380,738	508474,167	32,080	1875	6469471,856	508475,434	31,090
1823	6469384,532	508468,402	31,910	1876	6469474,037	508474,850	30,780
1824	6469385,387	508466,220	31,690	1877	6469473,473	508475,422	30,980
1825	6469388,536	508466,259	31,520	1878	6469475,188	508476,918	30,870
1826	6469388,082	508469,395	31,750	1879	6469474,597	508479,005	31,000
1827	6469386,830	508470,389	31,740	1880	6469481,667	508471,818	31,210
1828	6469385,059	508469,921	31,710	1881	6469486,149	508468,635	31,000
1829	6469383,719	508464,709	31,590	1882	6469494,249	508459,668	31,200
1830	6469381,104	508463,897	31,660	1883	6469498,220	508455,187	31,320
1831	6469379,821	508466,073	31,770	1884	6469501,788	508450,401	31,180
1832	6469377,024	508465,677	31,690	1885	6469509,552	508441,840	31,220
1833	6469376,865	508462,758	31,660	1886	6469511,397	508438,631	31,200
1834	6469379,475	508461,762	31,590	1887	6469513,434	508441,635	31,040
1835	6469381,043	508463,411	31,680	1888	6469508,552	508448,202	31,090
1836	6469378,038	508456,429	31,390	1889	6469501,645	508457,050	31,060
1837	6469380,421	508452,597	31,420	1890	6469503,840	508460,388	30,810
1838	6469386,921	508454,913	31,470	1891	6469511,605	508455,253	31,240
1839	6469386,400	508460,396	31,490	1892	6469515,594	508451,229	30,640
1840	6469391,893	508460,406	31,530	1893	6469517,521	508446,288	31,190
1841	6469393,836	508456,727	31,360	1894	6469521,525	508443,689	30,970
1842	6469398,388	508459,350	31,420	1895	6469516,447	508436,527	30,940
1843	6469397,240	508465,926	31,690	1896	6469511,377	508433,709	31,390
1844	6469392,105	508467,852	31,910	1897	6469478,555	508456,941	31,040
1845	6469401,460	508473,667	31,810	1898	6469472,991	508460,317	31,300
1846	6469402,443	508468,660	31,570	1899	6469465,884	508465,542	31,110
1847	6469402,707	508462,077	31,590	1900	6469458,628	508469,769	31,140
1848	6469405,006	508460,142	31,640	1901	6469454,490	508479,450	30,840
1849	6469406,894	508457,665	31,540	1902	6469451,155	508474,364	31,220
1850	6469409,715	508458,610	31,640	1903	6469445,799	508477,594	31,110
1851	6469409,958	508461,548	31,710	1904	6469442,973	508478,410	30,970

1905	6469440,876	508472,554	31,360	1958	6469528,618	508434,085	31,070
1906	6469438,996	508468,427	31,750	1959	6469524,080	508428,050	31,180
1907	6469436,654	508461,929	31,840	1960	6469519,846	508422,820	31,470
1908	6469434,083	508454,472	31,590	1961	6469517,327	508418,015	31,410
1909	6469442,048	508450,589	31,580	1962	6469522,527	508412,966	31,440
1910	6469444,299	508456,597	31,860	1963	6469525,434	508418,181	31,460
1911	6469446,477	508462,180	31,880	1964	6469529,631	508424,259	31,140
1912	6469449,533	508468,496	31,590	1965	6469532,595	508428,766	30,890
1913	6469458,714	508463,591	31,630	1966	6469534,507	508431,973	30,970
1914	6469455,786	508458,218	31,620	1967	6469540,796	508428,132	30,660
1915	6469453,302	508452,783	31,630	1968	6469537,436	508422,005	30,980
1916	6469451,387	508447,985	31,500	1969	6469532,514	508415,861	31,390
1917	6469457,950	508443,604	31,380	1970	6469528,372	508409,283	31,470
1918	6469462,016	508450,800	31,620	1971	6469524,760	508403,728	31,640
1919	6469466,101	508457,077	31,500	1972	6469531,871	508400,942	31,660
1920	6469473,383	508453,232	31,410	1973	6469535,859	508406,609	31,400
1921	6469471,441	508448,462	31,390	1974	6469540,179	508412,466	31,280
1922	6469469,222	508443,135	31,480	1975	6469544,366	508417,252	31,080
1923	6469466,778	508437,374	31,240	1976	6469548,335	508422,080	30,420
1924	6469474,187	508433,055	31,310	1977	6469557,449	508424,499	30,270
1925	6469476,589	508437,741	31,450	1978	6469551,405	508428,008	30,350
1926	6469480,437	508444,574	31,490	1979	6469557,913	508423,436	30,340
1927	6469482,675	508447,580	31,070	1980	6469563,012	508422,414	30,380
1928	6469490,453	508444,618	31,070	1981	6469568,281	508419,001	30,530
1929	6469488,439	508439,338	31,410	1982	6469564,129	508413,986	30,620
1930	6469486,030	508433,308	31,400	1983	6469557,183	508418,090	30,670
1931	6469484,136	508428,221	31,320	1984	6469550,736	508413,033	31,120
1932	6469491,395	508423,982	31,060	1985	6469546,459	508407,713	31,400
1933	6469493,839	508428,619	31,520	1986	6469544,635	508404,246	31,420
1934	6469496,787	508434,282	31,330	1987	6469551,186	508400,187	31,590
1935	6469499,215	508437,755	31,160	1988	6469553,272	508403,525	31,540
1936	6469503,064	508437,417	31,180	1989	6469557,855	508410,127	31,010
1937	6469505,829	508434,998	31,530	1990	6469565,506	508408,907	30,660
1938	6469504,160	508434,387	31,400	1991	6469562,282	508403,673	31,020
1939	6469504,096	508433,455	31,800	1992	6469559,748	508399,164	31,720
1940	6469501,105	508435,528	31,370	1993	6469559,040	508395,205	31,670
1941	6469500,990	508434,483	32,040	1994	6469567,519	508392,689	31,260
1942	6469499,346	508435,030	31,350	1995	6469568,668	508395,635	31,290
1943	6469499,943	508434,270	32,020	1996	6469576,514	508394,347	30,930
1944	6469497,984	508432,552	31,490	1997	6469576,172	508390,977	30,950
1945	6469499,164	508432,699	32,030	1998	6469584,588	508390,053	30,710
1946	6469500,513	508429,990	31,540	1999	6469585,199	508392,914	30,640
1947	6469501,217	508430,145	31,910	2000	6469593,355	508392,674	30,560
1948	6469500,593	508427,488	31,740	2001	6469593,193	508389,122	30,650
1949	6469501,205	508427,109	31,990	2002	6469600,955	508388,415	30,580
1950	6469498,963	508424,862	31,710	2003	6469601,536	508391,411	30,500
1951	6469503,700	508423,748	31,750	2004	6469606,786	508391,053	30,560
1952	6469508,534	508427,396	31,590	2005	6469606,660	508387,440	30,610
1953	6469510,803	508420,290	31,490	2006	6469610,488	508384,954	30,730
1954	6469513,668	508425,219	31,470	2007	6469614,213	508387,190	30,790
1955	6469517,343	508430,486	31,220	2008	6469616,595	508382,584	30,760
1956	6469521,321	508434,833	31,020	2009	6469612,457	508381,486	30,770
1957	6469525,413	508438,521	30,810	2010	6469612,186	508374,138	31,070

2011	6469615,795	508373,422	31,000	2064	6470146,930	507797,060	29,290
2012	6469558,916	508388,355	31,600	2065	6470146,620	507798,870	30,800
2013	6469556,732	508391,986	31,730	2066	6470146,170	507794,990	30,770
2014	6469554,223	508395,550	31,750	2067	6470182,390	507784,140	30,970
2015	6469549,486	508398,432	31,740	2068	6470160,370	507789,730	30,940
2016	6469544,407	508401,542	31,590	2069	6470189,330	507814,820	31,360
2017	6469540,850	508402,521	31,720	2070	6470168,610	507811,870	30,550
2018	6469537,282	508400,137	31,840	2071	6470176,210	507840,510	31,080
2019	6469534,160	508397,870	31,930	2072	6470155,520	507825,180	31,130
2020	6469531,902	508396,127	31,920	2073	6470204,300	507835,630	32,110
2021	6469530,102	508396,216	31,830	2074	6470181,780	507860,210	32,280
2022	6469526,526	508397,206	31,780	2075	6470192,730	507855,440	32,230
2023	6469523,894	508398,099	31,850	2076	6470215,790	507854,150	30,760
2024	6469521,970	508398,835	31,880	2077	6470203,270	507874,700	30,780
2025	6469519,909	508398,496	31,780	2078	6470192,890	507886,510	30,940
2026	6469518,322	508397,426	31,500	2079	6470204,050	507904,010	31,160
2027	6469518,449	508396,413	31,720	2080	6470216,200	507891,800	30,960
2028	6469557,846	508385,968	31,690	2081	6470230,440	507876,400	30,580
2029	6469556,285	508382,529	31,530	2082	6470242,010	507897,920	30,640
2030	6469554,101	508380,503	31,380	2083	6470235,400	507916,950	31,140
2031	6469550,439	508379,404	31,500	2084	6470225,510	507905,320	31,650
2032	6469550,460	508379,326	31,560	2085	6470220,240	507926,590	31,230
2033	6469548,319	508379,720	31,150	2086	6470205,260	507920,600	31,060
2034	6469545,305	508380,333	31,400	2087	6470193,840	507891,640	31,180
2035	6469545,256	508380,364	31,350	2088	6470194,830	507893,870	31,100
2036	6469542,075	508380,922	31,460	2089	6470194,280	507895,720	31,310
2037	6469538,645	508381,951	31,680	2090	6470192,320	507896,690	31,190
2038	6469535,624	508382,881	31,370	2091	6470190,090	507896,660	31,330
2039	6469532,678	508385,263	31,610	2092	6470189,220	507896,010	30,730
2040	6469530,474	508387,657	31,750	2093	6470189,300	507893,840	30,790
2041	6469528,848	508389,507	31,810	2094	6470190,160	507891,890	31,090
2042	6469525,765	508390,907	31,330	2095	6470192,260	507891,140	31,000
2043	6469522,857	508392,181	31,270	2096	6470193,330	507897,730	31,240
2044	6469520,317	508394,041	31,450	2097	6470194,510	507899,520	31,320
2045	6469520,285	508394,020	31,390	2098	6470191,190	507902,390	31,680
2046	6469518,419	508395,797	31,800	2099	6470188,160	507904,290	31,880
2047	6469518,338	508395,606	31,690	2100	6470186,870	507902,660	31,750
2048	6470060,510	507891,630	31,000	2101	6470188,040	507899,800	31,510
2049	6470054,840	507859,780	30,630	2102	6470189,170	507897,910	31,650
2050	6470053,490	507860,450	30,240	2103	6470192,690	507912,440	31,670
2051	6470052,110	507860,400	30,860	2104	6470194,420	507927,350	31,850
2052	6470056,500	507868,800	31,020	2105	6470208,250	507938,400	31,160
2053	6470055,400	507869,810	30,410	2106	6470193,310	507951,840	31,410
2054	6470054,120	507870,170	31,030	2107	6470183,210	507940,450	31,590
2055	6469994,490	507936,260	31,320	2108	6470184,170	507926,960	31,810
2056	6469996,300	507937,960	31,320	2109	6470174,870	507923,290	31,330
2057	6470000,170	507938,510	31,030	2110	6470167,190	507940,280	31,360
2058	6470179,170	507791,150	29,250	2111	6470179,910	507957,160	31,450
2059	6470179,050	507793,010	30,640	2112	6470165,580	507957,680	31,330
2060	6470179,030	507789,000	30,510	2113	6470164,620	507971,300	31,440
2061	6470163,920	507794,070	29,270	2114	6470155,770	507945,780	30,650
2062	6470164,400	507795,810	30,780	2115	6470154,780	507962,330	30,950
2063	6470163,760	507792,450	30,190	2116	6470152,810	507977,480	31,090

2117	6470145,030	507963,830	30,450	2170	6470043,310	508009,850	30,710
2118	6470142,220	507952,790	30,320	2171	6470030,380	508014,510	31,360
2119	6470148,650	507941,460	30,570	2172	6470037,400	508034,250	31,120
2120	6470128,650	507953,870	30,660	2173	6470039,970	508057,290	30,770
2121	6470133,349	507969,128	30,760	2174	6470042,750	508073,920	30,810
2122	6470141,574	507983,708	31,300	2175	6470014,440	508025,420	31,240
2123	6470136,110	507994,220	31,070	2176	6470025,350	508033,440	31,150
2124	6470129,020	507984,060	31,100	2177	6470014,830	508043,980	30,650
2125	6470119,891	507968,193	30,900	2178	6470006,244	508039,036	30,730
2126	6470123,980	508005,150	31,150	2179	6470027,580	508051,080	30,720
2127	6470116,990	507994,300	30,880	2180	6470032,150	508071,380	30,380
2128	6470111,230	507981,470	30,910	2181	6470021,070	508063,580	30,340
2129	6470102,440	507972,450	31,040	2182	6469999,050	508042,620	30,680
2130	6470111,480	507967,633	31,000	2183	6470007,950	508057,860	30,820
2131	6470105,940	507952,430	30,700	2184	6470010,960	508074,490	30,610
2132	6470106,433	507996,231	30,810	2185	6470030,090	508084,230	30,540
2133	6470112,900	508014,960	30,780	2186	6470016,820	508091,040	30,770
2134	6470103,880	508009,020	30,740	2187	6469995,520	508055,460	30,720
2135	6470095,404	507989,502	31,100	2188	6469999,170	508073,450	30,370
2136	6470077,590	507984,120	30,350	2189	6470003,820	508090,690	30,560
2137	6470079,160	507983,700	31,220	2190	6470003,830	508106,280	30,570
2138	6470075,640	507985,890	31,140	2191	6469989,350	508114,630	30,670
2139	6470080,100	507987,650	31,760	2192	6469988,040	508101,380	30,680
2140	6470083,470	507986,810	31,660	2193	6469992,100	508090,200	30,740
2141	6470087,240	507991,260	31,340	2194	6469986,850	508078,780	30,690
2142	6470078,780	507992,590	31,250	2195	6469974,910	508074,920	30,640
2143	6470077,470	507986,080	31,310	2196	6469967,490	508091,280	30,630
2144	6470081,470	508000,770	31,000	2197	6469974,910	508109,030	30,700
2145	6470088,330	507998,630	31,690	2198	6469968,540	508127,150	30,660
2146	6470086,290	508002,830	31,280	2199	6469954,510	508077,540	30,350
2147	6470084,470	507977,550	31,210	2200	6469953,680	508081,480	30,690
2148	6470094,430	507971,210	31,160	2201	6469952,650	508098,840	30,920
2149	6470082,290	508020,000	31,200	2202	6469955,670	508116,010	30,700
2150	6470085,180	508037,100	31,190	2203	6469953,510	508138,840	30,880
2151	6470079,030	508044,080	29,580	2204	6469943,020	508079,320	30,800
2152	6470081,830	508044,510	30,960	2205	6469942,030	508090,820	30,850
2153	6470077,020	508047,480	30,570	2206	6469942,600	508105,350	30,700
2154	6470074,830	508023,260	29,610	2207	6469943,850	508120,770	30,910
2155	6470076,970	508022,550	31,000	2208	6469941,940	508142,900	30,830
2156	6470073,310	508022,620	30,520	2209	6469925,800	508153,080	30,710
2157	6470071,630	508006,110	29,560	2210	6469929,990	508132,670	30,530
2158	6470073,230	508004,920	30,820	2211	6469931,790	508116,260	30,640
2159	6470070,310	508007,680	30,570	2212	6469922,090	508113,730	30,790
2160	6470068,350	507988,560	29,910	2213	6469931,840	508101,700	31,040
2161	6470070,700	507987,920	31,160	2214	6469925,530	508092,180	31,730
2162	6470066,430	507990,200	31,130	2215	6469934,780	508089,500	31,620
2163	6470049,890	507995,860	31,080	2216	6469926,660	508086,950	30,980
2164	6470058,990	508007,810	30,810	2217	6469917,490	508095,460	31,060
2165	6470061,370	508028,830	30,740	2218	6469917,620	508108,250	31,110
2166	6470067,200	508048,440	30,550	2219	6469921,230	508131,090	30,570
2167	6470055,900	508062,510	30,560	2220	6469904,750	508143,170	30,860
2168	6470050,720	508043,280	30,810	2221	6469910,580	508166,190	30,970
2169	6470048,180	508026,350	30,620	2222	6469903,570	508120,960	31,080

2223	6469905,890	508107,630	31,030	2276	6469802,040	508179,930	31,050
2224	6469895,940	508112,230	31,150	2277	6469799,080	508180,070	31,500
2225	6469910,730	508100,830	31,220	2278	6469799,360	508176,300	31,050
2226	6469908,450	508133,870	30,600	2279	6469807,870	508169,130	30,860
2227	6469893,560	508175,780	30,800	2280	6469810,630	508174,390	30,820
2228	6469890,410	508155,730	31,190	2281	6469806,871	508198,553	30,770
2229	6469894,020	508139,300	30,870	2282	6469808,540	508213,870	30,610
2230	6469885,870	508121,760	31,200	2283	6469799,790	508229,670	30,640
2231	6469874,550	508126,260	31,550	2284	6469792,970	508211,890	30,650
2232	6469874,490	508129,820	30,810	2285	6469790,030	508198,030	30,620
2233	6469870,780	508132,050	30,900	2286	6469778,120	508198,980	30,740
2234	6469866,290	508133,260	30,640	2287	6469781,410	508217,390	30,810
2235	6469864,260	508130,050	30,920	2288	6469786,520	508238,350	30,610
2236	6469866,250	508126,230	30,620	2289	6469766,764	508201,368	31,080
2237	6469870,170	508124,790	31,380	2290	6469766,510	508216,860	30,710
2238	6469873,170	508125,040	31,660	2291	6469769,580	508230,240	30,630
2239	6469875,460	508144,110	30,910	2292	6469767,090	508249,930	30,650
2240	6469875,020	508166,160	30,920	2293	6469757,880	508211,420	30,920
2241	6469879,830	508187,770	30,880	2294	6469753,070	508230,780	30,520
2242	6469863,190	508187,720	30,680	2295	6469753,310	508251,630	30,380
2243	6469860,990	508169,280	30,660	2296	6469740,900	508209,870	30,800
2244	6469863,250	508150,130	30,650	2297	6469741,480	508225,480	30,580
2245	6469856,290	508136,760	30,640	2298	6469742,670	508247,320	30,570
2246	6469844,530	508140,410	30,540	2299	6469736,950	508268,820	30,540
2247	6469852,940	508149,570	30,840	2300	6469728,050	508210,980	30,820
2248	6469843,210	508151,120	30,700	2301	6469726,490	508236,790	30,460
2249	6469844,870	508151,570	30,730	2302	6469730,020	508257,780	30,550
2250	6469844,930	508153,660	30,820	2303	6469720,890	508278,370	30,410
2251	6469842,780	508155,690	30,850	2304	6469714,980	508261,760	30,530
2252	6469838,720	508158,930	30,850	2305	6469709,140	508245,230	30,440
2253	6469835,170	508161,770	30,820	2306	6469715,630	508228,410	30,550
2254	6469838,080	508145,560	30,790	2307	6469718,380	508211,040	30,850
2255	6469828,330	508159,000	30,440	2308	6469717,309	508201,669	31,150
2256	6469829,620	508164,110	30,650	2309	6469719,220	508188,240	30,620
2257	6469821,420	508162,260	30,420	2310	6469709,410	508179,580	31,440
2258	6469824,560	508167,820	30,650	2311	6469707,450	508200,680	31,700
2259	6469823,200	508148,230	31,030	2312	6469705,700	508216,920	31,210
2260	6469823,770	508153,390	30,590	2313	6469704,210	508233,650	30,470
2261	6469819,510	508153,850	30,670	2314	6469703,260	508282,430	30,340
2262	6469818,150	508152,540	31,080	2315	6469705,380	508267,550	30,380
2263	6469817,360	508150,620	31,000	2316	6469688,610	508274,030	30,390
2264	6469813,560	508160,130	30,760	2317	6469693,460	508263,780	30,370
2265	6469814,730	508166,180	30,560	2318	6469692,420	508246,760	30,390
2266	6469816,890	508171,390	30,710	2319	6469689,140	508236,370	30,690
2267	6469849,950	508164,840	30,530	2320	6469692,120	508227,220	31,540
2268	6469851,800	508182,660	30,660	2321	6469698,480	508212,310	31,520
2269	6469846,360	508202,930	30,640	2322	6469683,050	508211,110	31,710
2270	6469822,310	508210,830	30,660	2323	6469695,650	508199,180	31,490
2271	6469834,420	508188,270	30,510	2324	6469684,500	508195,490	31,320
2272	6469834,220	508175,200	30,610	2325	6469705,480	508188,150	31,130
2273	6469819,190	508186,280	30,590	2326	6469687,840	508183,830	30,950
2274	6469824,420	508200,160	30,640	2327	6469711,680	508177,230	31,570
2275	6469804,550	508179,240	30,770	2328	6469708,730	508173,760	31,380

2329	6469705,120	508172,030	31,110	2382	6469613,380	508416,730	30,170
2330	6469703,490	508175,160	31,070	2383	6469612,750	508414,440	30,110
2331	6469706,230	508178,310	31,310	2384	6469613,170	508415,610	29,390
2332	6469701,280	508162,540	31,200	2385	6469596,810	508419,780	29,660
2333	6469701,900	508153,340	30,720	2386	6469596,660	508417,990	30,450
2334	6469703,520	508140,720	30,820	2387	6469597,910	508420,950	30,120
2335	6469714,290	508133,980	30,820	2388	6469581,440	508424,300	29,720
2336	6469710,520	508141,790	31,150	2389	6469581,530	508426,030	30,690
2337	6469724,730	508128,230	30,740	2390	6469581,570	508422,610	30,450
2338	6469682,720	508299,240	30,610	2391	6469571,980	508426,780	29,730
2339	6469674,950	508285,230	30,430	2392	6469572,950	508428,280	30,620
2340	6469673,100	508261,920	30,540	2393	6469572,150	508425,080	30,570
2341	6469671,480	508245,680	30,460	2394	6469562,460	508433,010	29,790
2342	6469667,850	508225,430	31,340	2395	6469564,280	508433,570	30,430
2343	6469665,530	508206,390	31,450	2396	6469561,760	508431,210	30,950
2344	6469668,330	508187,200	31,160	2397	6469565,830	508423,870	30,480
2345	6469670,030	508167,980	30,820	2398	6469566,990	508426,430	30,560
2346	6469681,900	508153,630	30,800	2399	6469563,570	508430,740	30,550
2347	6469638,676	508192,843	30,990	2400	6469558,490	508432,070	30,470
2348	6469646,143	508206,363	31,170	2401	6469557,520	508428,910	30,550
2349	6469646,900	508234,270	31,370	2402	6469556,600	508431,780	30,630
2350	6469650,660	508256,870	30,420	2403	6469556,290	508436,460	29,920
2351	6469654,100	508219,460	31,730	2404	6469551,840	508437,630	30,520
2352	6469658,260	508290,420	30,580	2405	6469548,650	508435,950	30,120
2353	6469662,230	508318,520	30,790	2406	6469548,810	508432,850	30,110
2354	6469665,000	508369,400	29,000	2407	6469554,020	508427,930	30,650
2355	6469665,780	508371,920	30,740	2408	6469556,910	508437,150	29,850
2356	6469664,380	508366,940	30,790	2409	6469554,820	508436,050	30,560
2357	6469649,120	508374,870	30,650	2410	6469555,180	508439,360	30,550
2358	6469649,020	508372,000	29,140	2411	6469547,190	508442,650	29,820
2359	6469649,710	508369,860	30,130	2412	6469546,690	508444,580	30,360
2360	6469636,890	508372,440	30,010	2413	6469545,670	508442,190	30,500
2361	6469637,700	508374,970	29,140	2414	6469533,090	508451,900	29,800
2362	6469635,740	508377,900	30,600	2415	6469533,620	508452,880	30,500
2363	6469621,310	508381,660	30,590	2416	6469533,310	508450,580	30,220
2364	6469620,240	508377,970	29,150	2417	6469520,580	508461,420	29,980
2365	6469619,090	508375,050	30,750	2418	6469522,170	508462,080	30,800
2366	6469617,710	508378,090	30,680	2419	6469519,650	508460,420	30,910
2367	6469618,170	508379,900	30,560	2420	6469531,310	508443,010	30,720
2368	6469629,780	508478,180	30,680	2421	6469533,360	508448,250	31,050
2369	6469627,610	508478,750	29,300	2422	6469531,140	508451,460	30,760
2370	6469625,980	508479,920	30,300	2423	6469527,670	508452,980	30,300
2371	6469626,380	508459,830	30,810	2424	6469524,560	508450,380	30,350
2372	6469624,230	508460,390	29,290	2425	6469525,130	508445,490	30,790
2373	6469622,440	508461,790	30,230	2426	6469528,930	508441,800	30,820
2374	6469620,340	508441,350	29,250	2427	6469516,900	508460,980	30,470
2375	6469622,530	508440,770	30,730	2428	6469516,220	508457,170	30,680
2376	6469617,920	508440,660	30,270	2429	6469517,410	508453,480	30,680
2377	6469617,880	508426,910	29,240	2430	6469521,450	508452,200	30,740
2378	6469620,040	508426,340	30,710	2431	6469524,060	508453,930	31,060
2379	6469615,470	508426,540	30,250	2432	6469522,010	508458,540	30,780
2380	6469615,270	508414,720	29,280	2433	6469512,710	508468,290	30,120
2381	6469617,900	508413,850	30,790	2434	6469511,950	508467,400	30,820

2435	6469513,590	508469,990	30,970	2488	6469443,380	508507,790	31,370
2436	6469515,030	508459,340	31,230	2489	6469440,740	508505,400	31,210
2437	6469516,120	508462,720	31,290	2490	6469432,780	508507,060	31,290
2438	6469511,950	508466,580	31,120	2491	6469428,140	508508,710	31,390
2439	6469509,030	508469,250	31,190	2492	6469426,380	508507,490	31,420
2440	6469506,790	508468,750	31,210	2493	6469430,660	508501,290	30,910
2441	6469506,800	508465,170	31,170	2494	6469436,230	508498,600	30,900
2442	6469509,000	508460,780	31,360	2495	6469439,380	508506,900	31,140
2443	6469513,930	508456,590	31,090	2496	6469440,080	508507,860	31,430
2444	6469505,410	508473,580	30,230	2497	6469613,170	508402,840	29,190
2445	6469504,990	508472,090	31,330	2498	6469615,400	508402,260	30,560
2446	6469505,500	508475,420	31,250	2499	6469611,220	508403,890	30,310
2447	6469493,400	508478,100	30,220	2500	6469611,660	508393,430	29,310
2448	6469493,340	508476,750	31,220	2501	6469614,020	508394,000	30,680
2449	6469494,470	508479,660	31,030	2502	6469611,830	508392,200	30,300
2450	6469483,800	508483,350	30,340	2503	6469610,180	508392,640	30,140
2451	6469485,270	508484,050	31,190	2504	6469609,620	508396,230	30,530
2452	6469484,470	508480,940	31,150	2505	6469609,970	508397,090	30,610
2453	6469481,230	508476,550	30,950	2506	6469605,720	508399,570	30,340
2454	6469484,860	508474,510	31,220	2507	6469598,910	508398,860	30,300
2455	6469487,610	508476,200	30,540	2508	6469592,080	508399,560	30,460
2456	6469487,070	508480,260	30,880	2509	6469587,630	508397,120	30,630
2457	6469480,520	508484,210	30,290	2510	6469587,310	508395,160	30,630
2458	6469477,530	508478,840	30,630	2511	6469590,420	508394,020	30,420
2459	6469468,330	508486,950	31,380	2512	6469591,380	508396,910	31,090
2460	6469474,330	508487,720	30,310	2513	6469597,000	508393,560	30,410
2461	6469472,830	508486,230	30,510	2514	6469597,920	508396,210	31,290
2462	6469472,450	508490,320	31,120	2515	6469606,750	508396,350	31,840
2463	6469466,840	508488,880	30,950	2516	6469604,230	508396,340	31,880
2464	6469466,030	508486,380	30,540	2517	6469607,240	508392,610	30,060
2465	6469468,990	508483,140	31,010	2518	6469602,360	508393,790	30,430
2466	6469474,320	508480,490	31,020	2519	6469609,510	508383,480	29,380
2467	6469459,450	508495,770	30,310	2520	6469608,920	508385,250	30,440
2468	6469459,730	508497,550	30,600	2521	6469606,840	508383,060	30,740
2469	6469457,840	508495,250	31,240	2522	6469609,770	508374,450	30,690
2470	6469461,580	508493,220	31,040	2523	6469607,970	508375,190	29,240
2471	6469465,340	508491,280	31,210	2524	6469605,700	508374,310	30,780
2472	6469462,610	508485,730	31,300	2525	6469605,200	508362,730	29,500
2473	6469458,350	508486,850	31,610	2526	6469607,330	508362,170	31,080
2474	6469453,180	508493,150	30,700	2527	6469603,040	508363,300	30,990
2475	6469454,690	508496,070	30,450	2528	6469603,050	508351,530	29,710
2476	6469448,520	508491,620	30,730	2529	6469600,940	508351,290	30,890
2477	6469451,580	508493,690	30,800	2530	6469605,190	508350,970	31,300
2478	6469452,860	508496,560	31,050	2531	6469600,880	508341,520	29,750
2479	6469452,230	508499,520	30,670	2532	6469603,070	508340,940	31,270
2480	6469447,460	508501,900	30,990	2533	6469598,860	508342,050	30,900
2481	6469444,670	508501,510	30,400	2534	6469598,450	508329,410	29,790
2482	6469442,960	508499,150	30,630	2535	6469600,650	508329,910	31,070
2483	6469443,480	508494,880	30,900	2536	6469596,570	508330,150	30,740
2484	6469452,590	508500,560	30,360	2537	6469596,030	508317,910	29,800
2485	6469453,280	508502,110	31,040	2538	6469598,170	508318,280	30,850
2486	6469442,500	508506,270	30,470	2539	6469594,160	508317,170	30,580
2487	6469442,380	508504,970	31,240	2540	6469593,910	508306,560	29,910

2541	6469595,690	508306,210	30,800	2594	6469641,230	508319,310	30,760
2542	6469591,850	508306,380	30,770	2595	6469648,700	508303,970	30,730
2543	6469593,610	508304,160	30,530	2596	6469634,420	508299,440	30,740
2544	6469583,900	508256,760	30,190	2597	6469612,410	508341,280	31,160
2545	6469584,830	508258,600	30,930	2598	6469606,500	508310,820	30,500
2546	6469584,000	508258,820	30,700	2599	6469625,280	508336,090	30,870
2547	6469585,250	508256,140	30,920	2600	6469643,950	508342,660	30,770
2548	6469582,300	508257,080	30,760	2601	6469660,650	508344,000	30,820
2549	6469576,960	508219,850	30,020	2602	6469632,150	508357,740	30,740
2550	6469579,170	508219,260	31,320	2603	6469651,250	508361,470	30,180
2551	6469574,980	508220,380	30,870	2604	6469654,470	508387,020	30,150
2552	6469580,020	508237,210	30,050	2605	6469634,220	508395,450	30,280
2553	6469582,140	508235,880	31,170	2606	6469670,340	508390,020	30,320
2554	6469578,040	508237,740	31,030	2607	6469650,050	508408,070	30,220
2555	6469574,280	508206,810	29,930	2608	6469626,420	508413,480	30,250
2556	6469576,640	508207,060	31,140	2609	6469643,060	508424,820	30,330
2557	6469572,330	508207,330	30,740	2610	6469663,360	508412,630	30,190
2558	6469568,240	508173,210	29,970	2611	6469675,570	508424,780	30,160
2559	6469571,370	508173,490	31,220	2612	6469670,480	508450,220	30,560
2560	6469565,360	508174,530	31,130	2613	6469661,390	508435,780	30,380
2561	6469571,650	508192,880	30,030	2614	6469653,650	508454,890	30,430
2562	6469569,130	508191,750	31,020	2615	6469635,350	508471,500	30,350
2563	6469573,390	508190,600	31,040	2616	6469641,480	508462,870	30,310
2564	6469573,590	508166,120	31,050	2617	6469639,290	508444,440	30,280
2565	6469578,620	508195,460	31,030	2618	6469631,520	508442,870	30,410
2566	6469582,720	508219,210	31,210	2619	6469609,710	508486,130	30,380
2567	6469588,170	508249,930	31,060	2620	6469607,070	508466,820	30,110
2568	6469599,310	508300,250	30,980	2621	6469603,900	508446,800	30,450
2569	6469594,490	508277,430	31,500	2622	6469576,390	508407,070	30,550
2570	6469610,140	508358,410	31,350	2623	6469600,390	508409,190	30,250
2571	6469607,880	508344,650	31,470	2624	6469592,790	508436,870	30,460
2572	6469604,360	508329,900	31,090	2625	6469577,670	508438,940	30,380
2573	6469601,620	508316,070	31,090	2626	6469589,410	508456,850	30,460
2574	6469596,790	508302,690	31,120	2627	6469589,700	508479,020	30,420
2575	6469617,760	508397,300	30,720	2628	6469591,770	508496,040	30,130
2576	6469620,520	508413,160	30,830	2629	6469576,310	508512,950	30,280
2577	6469624,200	508437,110	30,760	2630	6469574,510	508491,950	30,350
2578	6469628,200	508458,400	30,880	2631	6469576,030	508474,140	30,590
2579	6469631,540	508477,720	30,800	2632	6469573,820	508454,690	30,230
2580	6469614,510	508208,060	30,870	2633	6469564,320	508449,320	30,350
2581	6469598,030	508204,320	30,950	2634	6469556,340	508464,720	30,690
2582	6469633,520	508218,520	31,880	2635	6469563,040	508484,970	30,340
2583	6469632,390	508229,060	31,610	2636	6469565,610	508509,670	30,590
2584	6469613,300	508234,160	31,930	2637	6469543,850	508529,780	30,680
2585	6469630,300	508250,070	30,650	2638	6469554,330	508504,980	30,360
2586	6469614,670	508253,550	30,780	2639	6469548,360	508487,220	30,520
2587	6469602,310	508249,770	30,910	2640	6469544,770	508459,740	30,390
2588	6469606,130	508275,230	31,030	2641	6469533,310	508466,250	30,530
2589	6469624,960	508270,970	30,710	2642	6469537,450	508485,050	30,590
2590	6469642,770	508283,520	30,750	2643	6469537,260	508509,420	30,460
2591	6469630,510	508283,690	30,680	2644	6469527,800	508535,330	30,710
2592	6469617,810	508294,780	30,730	2645	6469520,730	508521,620	31,310
2593	6469618,250	508316,130	30,550	2646	6469517,100	508502,850	30,620

2647	6469519,750	508481,280	30,750	2700	6469418,770	508507,410	30,850
2648	6469507,400	508491,010	30,730	2701	6469414,650	508517,210	31,000
2649	6469503,050	508505,550	30,700	2702	6469413,580	508520,420	31,170
2650	6469502,840	508526,900	30,660	2703	6469410,290	508522,310	31,160
2651	6469511,640	508540,450	30,610	2704	6469408,560	508521,740	31,530
2652	6469489,880	508496,970	30,850	2705	6469411,120	508515,300	30,830
2653	6469488,960	508518,250	30,870	2706	6469412,770	508514,870	30,940
2654	6469491,170	508538,690	30,440	2707	6469403,620	508523,030	31,320
2655	6469499,380	508556,960	30,630	2708	6469404,320	508525,250	31,740
2656	6469492,370	508575,890	30,620	2709	6469402,210	508528,040	31,050
2657	6469483,790	508553,500	30,810	2710	6469400,500	508528,480	31,280
2658	6469475,360	508540,750	30,660	2711	6469398,930	508526,940	31,190
2659	6469476,190	508524,490	30,760	2712	6469400,200	508524,300	31,560
2660	6469474,860	508502,620	30,570	2713	6469393,090	508528,470	31,450
2661	6469462,910	508516,990	30,950	2714	6469392,660	508531,140	31,350
2662	6469452,130	508513,030	31,280	2715	6469390,630	508532,830	31,310
2663	6469458,660	508529,870	30,700	2716	6469388,030	508532,690	31,240
2664	6469463,030	508547,510	30,490	2717	6469388,170	508529,760	31,280
2665	6469475,390	508563,740	30,580	2718	6469390,510	508527,370	31,080
2666	6469418,930	508521,710	30,920	2719	6469383,760	508531,830	31,520
2667	6469433,760	508518,760	30,800	2720	6469383,350	508535,330	31,380
2668	6469444,500	508532,620	30,730	2721	6469378,530	508531,620	31,160
2669	6469430,170	508535,640	30,750	2722	6469373,870	508531,840	31,190
2670	6469447,940	508548,670	30,500	2723	6469377,610	508535,920	31,380
2671	6469452,790	508564,250	30,460	2724	6469371,990	508536,590	31,390
2672	6469474,600	508582,500	30,760	2725	6469380,310	508533,200	31,930
2673	6469477,580	508599,120	30,460	2726	6469364,920	508537,950	31,270
2674	6469466,370	508608,580	30,510	2727	6469374,250	508543,930	30,380
2675	6469442,770	508612,790	30,630	2728	6469376,830	508544,110	31,100
2676	6469443,030	508598,740	30,520	2729	6469372,220	508546,070	31,160
2677	6469460,020	508600,120	30,730	2730	6469373,330	508542,070	31,060
2678	6469456,170	508585,210	30,560	2731	6469374,980	508541,640	31,000
2679	6469436,440	508571,550	30,580	2732	6469379,780	508563,470	30,060
2680	6469436,100	508590,370	30,600	2733	6469382,030	508562,890	31,380
2681	6469419,430	508607,230	30,560	2734	6469377,530	508564,250	30,860
2682	6469421,500	508587,440	30,710	2735	6469385,040	508584,820	29,770
2683	6469422,200	508570,230	30,700	2736	6469387,230	508584,260	31,140
2684	6469427,930	508558,550	30,740	2737	6469382,970	508585,630	30,530
2685	6469421,080	508539,640	30,870	2738	6469387,810	508600,020	29,700
2686	6469406,110	508519,850	31,230	2739	6469389,920	508598,170	30,800
2687	6469405,680	508536,330	30,910	2740	6469384,880	508598,240	30,770
2688	6469406,970	508556,420	30,810	2741	6469364,010	508548,210	31,050
2689	6469404,990	508575,620	30,870	2742	6469364,960	508572,980	31,080
2690	6469403,910	508598,930	30,540	2743	6469369,410	508592,210	30,660
2691	6469393,640	508589,290	30,850	2744	6469354,320	508592,750	30,680
2692	6469393,570	508570,080	30,860	2745	6469353,160	508577,540	30,700
2693	6469391,200	508547,420	30,810	2746	6469350,750	508565,240	31,290
2694	6469396,500	508533,430	31,020	2747	6469351,780	508553,300	31,310
2695	6469423,210	508510,000	31,310	2748	6469362,430	508562,370	31,100
2696	6469421,370	508514,440	31,190	2749	6469332,655	508557,423	31,010
2697	6469418,570	508517,280	30,890	2750	6469335,450	508566,640	31,040
2698	6469415,260	508516,510	30,860	2751	6469339,690	508586,850	30,870
2699	6469414,490	508513,420	30,740	2752	6469321,520	508585,120	30,930

2753	6469322,090	508572,140	30,810	2806	6469287,170	508385,780	31,580
2754	6469324,790	508560,330	30,860	2807	6469300,640	508376,920	31,200
2755	6469324,820	508550,050	31,230	2808	6469309,000	508393,470	31,160
2756	6469318,060	508542,810	31,050	2809	6469318,600	508403,770	31,130
2757	6469308,810	508577,200	30,830	2810	6469325,140	508419,340	31,250
2758	6469312,230	508564,260	30,790	2811	6469320,510	508390,420	31,010
2759	6469310,250	508549,660	31,000	2812	6469316,710	508374,410	31,200
2760	6469302,551	508544,589	31,030	2813	6469296,760	508433,540	31,790
2761	6469290,290	508579,890	30,870	2814	6469323,450	508365,990	31,000
2762	6469285,840	508563,870	30,960	2815	6469330,230	508384,030	31,120
2763	6469299,130	508567,680	30,820	2816	6469339,320	508398,880	31,100
2764	6469296,900	508554,540	30,930	2817	6469333,440	508412,470	31,070
2765	6469289,910	508537,030	31,160	2818	6469336,460	508425,190	31,210
2766	6469282,340	508551,860	30,950	2819	6469348,030	508424,940	31,180
2767	6469274,880	508540,110	31,170	2820	6469349,133	508412,763	31,020
2768	6469266,880	508522,620	31,190	2821	6469361,820	508429,680	31,070
2769	6469282,350	508521,620	31,220	2822	6469361,630	508419,700	31,000
2770	6469298,270	508527,030	31,100	2823	6469354,100	508385,200	30,840
2771	6469293,470	508511,000	31,250	2824	6469346,410	508374,800	30,940
2772	6469280,890	508512,310	31,140	2825	6469340,910	508359,550	30,850
2773	6469264,710	508506,290	31,060	2826	6469352,700	508352,890	30,920
2774	6469280,180	508499,650	31,320	2827	6469359,980	508370,330	30,790
2775	6469289,980	508502,460	31,630	2828	6469357,530	508400,040	30,720
2776	6469287,030	508490,110	31,540	2829	6469367,100	508410,260	30,800
2777	6469305,270	508526,980	31,340	2830	6469373,930	508427,410	30,940
2778	6469263,170	508493,650	31,020	2831	6469380,740	508422,200	30,250
2779	6469258,590	508474,410	31,140	2832	6469378,830	508422,870	31,050
2780	6469273,660	508485,150	31,100	2833	6469382,340	508422,560	31,340
2781	6469280,770	508478,100	31,290	2834	6469380,660	508424,810	31,000
2782	6469287,230	508473,770	31,350	2835	6469382,890	508436,870	31,130
2783	6469287,220	508462,200	31,060	2836	6469378,370	508407,980	30,250
2784	6469272,480	508469,720	31,310	2837	6469380,790	508408,480	31,340
2785	6469253,650	508459,080	31,290	2838	6469375,920	508409,770	30,950
2786	6469269,950	508457,530	31,040	2839	6469376,220	508395,990	30,130
2787	6469283,030	508452,830	31,060	2840	6469373,710	508397,520	31,190
2788	6469284,250	508437,700	31,110	2841	6469378,460	508395,400	31,310
2789	6469273,080	508448,430	31,110	2842	6469373,750	508382,330	30,130
2790	6469271,310	508433,550	31,130	2843	6469376,000	508381,740	31,240
2791	6469260,420	508451,860	31,080	2844	6469371,350	508381,570	30,880
2792	6469253,900	508436,890	31,260	2845	6469370,990	508366,470	30,110
2793	6469248,290	508426,190	31,220	2846	6469369,020	508368,210	30,770
2794	6469262,050	508423,380	31,200	2847	6469373,400	508366,070	31,230
2795	6469272,630	508420,580	31,120	2848	6469367,880	508351,600	30,130
2796	6469249,170	508410,180	31,260	2849	6469370,080	508350,120	31,310
2797	6469261,900	508399,020	32,290	2850	6469365,210	508350,170	31,000
2798	6469276,030	508410,130	32,390	2851	6469395,570	508436,530	31,070
2799	6469290,180	508423,650	32,040	2852	6469392,420	508419,900	30,860
2800	6469273,250	508394,450	32,600	2853	6469390,810	508405,840	30,720
2801	6469283,240	508406,330	32,620	2854	6469390,479	508395,644	30,910
2802	6469295,900	508416,350	32,130	2855	6469387,843	508383,785	30,830
2803	6469313,220	508422,490	31,620	2856	6469386,086	508367,205	30,880
2804	6469308,340	508412,710	31,420	2857	6469377,920	508355,410	30,860
2805	6469298,570	508401,040	31,590	2858	6469382,560	508347,840	30,950

2859	6469398,980	508340,650	30,690	2912	6469484,200	508395,720	30,930
2860	6469398,150	508358,600	30,800	2913	6469492,790	508316,730	30,460
2861	6469397,910	508379,430	30,790	2914	6469494,370	508337,230	30,590
2862	6469405,760	508401,890	30,790	2915	6469502,100	508353,280	30,600
2863	6469405,510	508415,920	30,850	2916	6469504,360	508370,740	30,810
2864	6469406,140	508432,080	31,210	2917	6469517,550	508385,840	31,040
2865	6469413,350	508436,770	31,150	2918	6469527,880	508374,030	31,070
2866	6469415,560	508428,500	31,020	2919	6469519,410	508360,920	30,590
2867	6469417,010	508416,060	30,800	2920	6469510,090	508337,300	30,640
2868	6469419,260	508403,400	30,890	2921	6469521,760	508353,510	30,630
2869	6469412,690	508388,270	30,900	2922	6469508,520	508325,150	30,510
2870	6469409,350	508376,180	30,780	2923	6469523,810	508329,280	30,500
2871	6469414,850	508338,880	30,800	2924	6469525,940	508343,160	30,580
2872	6469410,740	508359,630	30,600	2925	6469534,660	508360,950	30,830
2873	6469422,570	508323,530	30,810	2926	6469542,510	508372,340	31,270
2874	6469429,140	508345,260	30,530	2927	6469541,490	508351,340	30,770
2875	6469421,350	508368,500	30,670	2928	6469536,630	508338,780	30,740
2876	6469435,280	508372,060	30,570	2929	6469535,130	508323,720	30,560
2877	6469425,370	508385,450	30,960	2930	6469520,970	508314,200	30,690
2878	6469430,840	508403,550	30,670	2931	6469508,470	508314,180	30,540
2879	6469431,200	508422,520	30,830	2932	6469529,530	508309,690	30,570
2880	6469428,500	508435,020	31,440	2933	6469496,820	508296,320	30,520
2881	6469441,970	508428,190	31,160	2934	6469513,870	508296,020	30,450
2882	6469441,550	508418,670	30,970	2935	6469518,380	508271,260	30,580
2883	6469441,920	508405,770	30,580	2936	6469499,000	508283,930	30,760
2884	6469440,620	508392,190	30,900	2937	6469473,480	508282,190	30,550
2885	6469446,290	508381,210	30,890	2938	6469489,700	508278,880	30,470
2886	6469447,380	508367,980	30,710	2939	6469507,750	508269,830	30,860
2887	6469441,080	508354,650	30,600	2940	6469496,040	508266,310	30,740
2888	6469438,420	508343,550	30,640	2941	6469470,200	508270,290	30,730
2889	6469436,630	508328,130	30,730	2942	6469476,410	508262,730	30,780
2890	6469419,570	508354,550	30,690	2943	6469484,700	508255,260	30,610
2891	6469442,520	508313,540	30,510	2944	6469462,250	508245,070	30,520
2892	6469451,760	508332,260	30,590	2945	6469475,640	508241,960	30,490
2893	6469455,710	508347,470	30,790	2946	6469484,200	508222,960	30,710
2894	6469456,100	508363,340	30,530	2947	6469492,080	508240,750	30,630
2895	6469457,880	508381,240	30,690	2948	6469503,020	508253,900	30,580
2896	6469457,410	508399,930	30,620	2949	6469501,880	508220,290	30,650
2897	6469462,380	508412,710	31,000	2950	6469505,890	508235,480	30,840
2898	6469476,930	508406,490	30,900	2951	6469512,340	508252,600	30,630
2899	6469470,790	508395,720	30,640	2952	6469524,640	508261,550	30,820
2900	6469472,740	508382,740	30,780	2953	6469582,700	508289,170	32,190
2901	6469469,860	508369,630	30,530	2954	6469575,180	508293,210	32,240
2902	6469469,320	508348,940	30,830	2955	6469555,740	508294,180	31,840
2903	6469466,060	508334,800	30,720	2956	6469545,720	508296,090	31,580
2904	6469464,400	508321,510	30,860	2957	6469536,279	508294,585	31,200
2905	6469466,650	508305,590	30,900	2958	6469524,530	508297,870	30,940
2906	6469483,520	508298,640	30,540	2959	6469525,037	508282,681	30,820
2907	6469479,280	508322,150	30,710	2960	6469539,145	508274,084	31,060
2908	6469485,740	508351,430	30,770	2961	6469561,030	508271,230	31,260
2909	6469482,250	508370,740	30,670	2962	6469556,860	508252,040	30,910
2910	6469498,000	508374,430	30,880	2963	6469573,280	508269,070	31,290
2911	6469496,130	508394,300	30,650	2964	6469565,980	508257,000	31,000

2965	6469566,520	508247,510	30,970	3018	6469591,720	508183,360	30,890
2966	6469560,040	508240,170	30,690	3019	6469583,100	508163,560	30,810
2967	6469544,760	508264,570	31,010	3020	6469601,240	508155,280	30,880
2968	6469550,020	508280,790	31,380	3021	6469601,510	508173,570	30,780
2969	6469537,400	508252,500	30,900	3022	6469610,090	508191,440	30,810
2970	6469549,010	508245,500	30,890	3023	6469624,850	508187,740	30,730
2971	6469572,140	508242,920	30,770	3024	6469612,510	508165,150	30,910
2972	6469566,310	508229,990	30,910	3025	6469596,910	508239,210	31,400
2973	6469561,380	508216,820	30,640	3026	6469599,310	508224,500	31,180
2974	6469553,060	508231,910	30,700	3027	6469616,740	508138,000	30,640
2975	6469539,220	508241,070	30,660	3028	6469628,230	508156,830	30,790
2976	6469523,320	508249,660	30,630	3029	6469643,411	508185,028	30,980
2977	6469562,300	508207,360	30,580	3030	6469658,140	508153,980	30,850
2978	6469554,760	508199,820	30,800	3031	6469641,870	508149,530	30,930
2979	6469555,050	508180,590	30,740	3032	6469638,170	508121,970	30,890
2980	6469543,440	508190,920	30,690	3033	6469658,140	508137,500	30,800
2981	6469543,830	508211,630	30,720	3034	6469664,510	508115,430	30,910
2982	6469550,780	508218,540	30,620	3035	6469677,870	508133,420	30,870
2983	6469542,520	508233,840	30,800	3036	6469682,270	508107,740	30,960
2984	6469534,170	508227,670	30,770	3037	6469711,240	508076,960	30,980
2985	6469532,620	508217,710	30,740	3038	6469705,980	508111,310	30,930
2986	6469537,470	508202,730	30,730	3039	6469724,610	508106,280	30,790
2987	6469526,850	508196,400	30,630	3040	6469689,180	508090,580	30,950
2988	6469528,770	508241,950	30,730	3041	6469730,160	508088,140	30,970
2989	6469522,630	508232,660	30,760	3042	6469747,120	508067,150	30,900
2990	6469515,370	508243,810	30,790	3043	6469755,242	508085,900	30,930
2991	6469523,650	508213,940	30,830	3044	6469733,910	508136,290	30,850
2992	6469502,810	508209,540	30,820	3045	6469739,370	508148,550	31,120
2993	6469514,070	508202,640	30,600	3046	6469740,600	508121,250	30,760
2994	6469511,570	508224,710	30,790	3047	6469751,810	508121,480	30,540
2995	6469546,420	508311,930	30,900	3048	6469761,190	508109,620	30,710
2996	6469564,850	508315,150	30,590	3049	6469751,270	508138,100	30,830
2997	6469582,570	508311,380	30,790	3050	6469762,090	508139,140	31,220
2998	6469569,010	508306,440	31,310	3051	6469769,320	508127,290	31,300
2999	6469592,580	508295,270	31,380	3052	6469766,790	508093,970	30,700
3000	6469583,020	508336,300	30,660	3053	6469773,040	508044,420	31,090
3001	6469569,430	508334,330	30,580	3054	6469767,300	508051,770	30,940
3002	6469550,070	508329,720	30,700	3055	6469779,670	508061,420	31,230
3003	6469551,680	508348,650	30,740	3056	6469767,260	508073,241	31,300
3004	6469551,770	508366,200	31,150	3057	6469788,280	508080,800	31,410
3005	6469565,560	508375,280	31,140	3058	6469775,272	508113,942	31,130
3006	6469569,950	508384,920	31,390	3059	6469786,300	508109,220	31,270
3007	6469567,580	508353,120	31,210	3060	6469796,080	508104,300	31,320
3008	6469581,200	508356,500	30,790	3061	6469804,435	508085,419	31,290
3009	6469576,810	508369,320	30,810	3062	6469814,080	508094,370	31,310
3010	6469583,210	508385,270	30,920	3063	6469797,705	508094,072	31,100
3011	6469588,460	508378,840	30,780	3064	6469797,440	508072,400	31,180
3012	6469590,060	508409,780	30,440	3065	6469791,290	508059,110	31,210
3013	6469598,700	508382,470	30,350	3066	6469785,560	508035,850	30,790
3014	6469595,640	508371,780	30,430	3067	6469807,350	508060,050	31,170
3015	6469590,040	508358,350	30,840	3068	6469798,990	508041,760	30,970
3016	6469585,700	508372,650	30,560	3069	6469818,410	508042,420	30,830
3017	6469585,650	508326,160	30,550	3070	6469782,960	508099,540	30,800

3071	6469815,230	508012,500	30,630	3124	6469991,750	507928,860	30,840
3072	6469799,590	508021,370	30,510	3125	6469995,630	507919,350	30,690
3073	6469814,850	508033,020	30,710	3126	6469984,550	507915,120	30,960
3074	6469840,940	508040,800	31,260	3127	6469991,860	507908,160	30,900
3075	6469854,911	508037,187	31,070	3128	6469993,510	507900,260	30,630
3076	6469848,000	508044,750	31,130	3129	6470003,940	507893,820	30,740
3077	6469838,790	508027,320	30,780	3130	6470009,760	507904,500	30,940
3078	6469830,200	508039,840	30,910	3131	6469999,320	507908,660	30,700
3079	6469833,750	508015,980	30,560	3132	6470006,160	507913,270	31,110
3080	6469837,100	507997,430	30,630	3133	6470010,180	507889,760	30,630
3081	6469850,424	508009,947	30,780	3134	6470016,760	507899,880	30,790
3082	6469863,220	508015,280	30,560	3135	6470021,990	507911,830	30,770
3083	6469875,700	508017,210	30,630	3136	6470029,230	507905,220	30,980
3084	6469869,070	508004,200	30,530	3137	6470025,860	507897,950	30,660
3085	6469861,200	507998,020	30,600	3138	6470031,650	507894,620	30,940
3086	6469853,960	507987,280	30,410	3139	6470036,120	507885,370	30,960
3087	6469867,950	507980,940	30,650	3140	6470023,210	507887,830	30,800
3088	6469877,880	507996,770	30,790	3141	6470027,890	507879,450	30,720
3089	6469883,700	508008,350	30,730	3142	6470035,620	507875,240	30,760
3090	6469894,880	508001,960	30,680	3143	6470043,230	507870,480	30,920
3091	6469889,170	507988,420	30,720	3144	6470037,900	507902,850	31,170
3092	6469882,190	507970,130	30,770	3145	6470045,560	507870,730	29,540
3093	6469895,080	507964,840	30,610	3146	6470047,260	507868,650	30,870
3094	6469902,260	507983,240	30,600	3147	6470046,760	507863,700	30,890
3095	6469902,180	507998,190	30,730	3148	6470042,620	507865,840	30,190
3096	6469911,000	507990,660	30,760	3149	6470044,670	507864,970	29,390
3097	6469910,400	507977,410	30,550	3150	6470065,700	507856,390	30,540
3098	6469901,860	507966,510	30,780	3151	6470064,770	507873,690	30,830
3099	6469908,110	507952,600	30,570	3152	6470076,610	507868,760	30,650
3100	6469911,910	507967,570	30,640	3153	6470077,730	507849,290	30,780
3101	6469920,140	507986,170	30,620	3154	6470085,840	507863,370	30,340
3102	6469916,470	507946,700	30,700	3155	6470091,960	507835,510	30,670
3103	6469921,730	507963,170	30,720	3156	6470094,040	507854,910	30,760
3104	6469921,310	507975,390	30,610	3157	6470085,000	507850,680	30,560
3105	6469931,140	507968,110	30,680	3158	6470111,920	507860,460	31,170
3106	6469932,450	507954,680	30,350	3159	6470105,400	507853,090	31,070
3107	6469931,630	507943,820	30,530	3160	6470107,650	507844,620	31,090
3108	6469933,130	507935,420	30,540	3161	6470105,130	507841,370	30,810
3109	6469940,230	507944,460	30,680	3162	6470096,940	507847,930	30,790
3110	6469947,580	507953,760	30,690	3163	6470099,450	507829,370	30,350
3111	6469937,840	507963,920	30,320	3164	6470108,400	507820,180	30,450
3112	6469955,150	507955,450	30,720	3165	6470117,500	507842,490	31,020
3113	6469958,590	507942,110	30,750	3166	6470125,700	507845,190	31,280
3114	6469946,390	507937,610	30,630	3167	6470128,510	507837,190	30,930
3115	6469947,020	507928,460	31,160	3168	6470142,600	507836,990	30,800
3116	6469958,160	507930,240	31,260	3169	6470131,420	507826,070	30,760
3117	6469963,030	507921,200	31,310	3170	6470119,680	507818,720	30,590
3118	6469967,670	507944,960	30,650	3171	6470131,290	507805,370	30,860
3119	6469969,570	507935,620	31,080	3172	6470136,540	507821,220	30,630
3120	6469972,880	507927,180	31,100	3173	6470146,680	507821,110	30,940
3121	6469974,770	507915,200	31,250	3174	6470117,990	507833,180	30,770
3122	6469981,270	507924,020	31,140	3175	6470156,980	507812,970	30,740
3123	6469984,120	507936,070	31,160	3176	6470189,400	507836,860	31,540

3177	6470170,280	507830,260	31,100	3230	6469759,948	508157,186	31,229
3178	6470213,320	507840,620	31,320	3231	6469756,160	508151,799	31,204
3179	6470202,910	507819,090	31,350	3232	6469764,747	508149,499	31,005
3180	6470205,500	507866,670	30,740	3233	6469767,744	508152,582	30,995
3181	6470188,160	507876,920	31,260	3234	6469773,028	508157,827	31,110
3182	6470220,600	507873,660	30,580	3235	6469778,427	508164,357	30,971
3183	6470208,360	507885,410	30,660	3236	6469785,813	508159,777	31,020
3184	6470216,660	507911,710	31,320	3237	6469782,219	508152,633	31,091
3185	6470226,930	507890,640	30,760	3238	6469780,114	508146,124	30,959
3186	6470228,920	507866,700	30,460	3239	6469778,404	508141,624	30,967
3187	6469654,012	508190,220	31,050	3240	6469790,168	508136,916	31,102
3188	6469687,710	508124,970	30,810	3241	6469794,089	508141,048	30,919
3189	6469691,020	508164,270	30,930	3242	6469797,775	508143,939	30,956
3190	6469667,060	508106,030	30,710	3243	6469502,610	508439,564	31,355
3191	6469644,910	508132,120	30,950	3244	6469504,631	508442,433	31,268
3192	6469728,940	508067,810	30,870	3245	6469507,510	508447,173	31,190
3193	6469670,030	508167,980	30,820	3246	6469511,661	508454,426	30,869
3194	6469652,890	508171,361	30,700	3247	6469503,533	508457,659	31,051
3195	6469627,320	508208,250	31,130	3248	6469501,192	508454,509	31,082
3196	6469679,190	508172,460	30,920	3249	6469498,373	508451,773	31,254
3197	6469742,903	508103,526	30,910	3250	6469497,012	508449,380	31,287
3198	6470176,700	507817,090	30,970	3251	6469495,414	508446,977	31,298
3199	6470092,470	508015,990	31,390	3252	6469487,418	508450,939	31,325
3200	6470096,110	508030,140	30,990	3253	6469489,062	508455,336	31,188
3201	6470183,330	507801,600	30,540	3254	6469490,085	508459,713	31,154
3202	6470123,069	507997,166	30,990	3255	6469492,089	508464,082	31,099
3203	6470122,321	507984,642	30,980	3256	6469492,803	508468,387	31,141
3204	6470148,950	507972,771	31,040	3257	6469484,266	508470,520	31,085
3205	6470095,965	508006,512	31,050	3258	6469482,330	508466,651	31,160
3206	6469902,438	508161,764	30,940	3259	6469480,181	508463,428	31,224
3207	6469799,835	508187,798	30,960	3260	6469478,632	508459,715	31,305
3208	6469772,896	508208,203	30,910	3261	6469472,294	508462,883	31,301
3209	6469712,987	508189,406	31,030	3262	6469473,039	508465,906	31,140
3210	6469340,419	508551,561	31,100	3263	6469474,199	508468,900	31,286
3211	6469396,523	508428,610	31,040	3264	6469475,551	508473,212	31,145
3212	6469853,789	508026,131	30,890	3265	6469477,239	508476,402	31,079
3213	6469734,028	508177,813	31,023	3266	6469466,894	508480,630	31,132
3214	6469729,915	508172,012	30,964	3267	6469463,189	508477,950	31,262
3215	6469726,950	508165,538	31,174	3268	6469461,622	508474,623	31,314
3216	6469732,784	508162,302	31,154	3269	6469460,260	508470,943	31,361
3217	6469736,153	508166,017	31,026	3270	6469459,022	508468,023	31,435
3218	6469739,393	508171,506	31,043	3271	6469445,323	508473,412	31,491
3219	6469741,915	508176,954	30,957	3272	6469446,446	508479,121	31,352
3220	6469749,292	508174,610	30,956	3273	6469447,861	508483,728	31,249
3221	6469747,137	508168,290	31,032	3274	6469449,457	508489,260	31,156
3222	6469744,450	508162,611	31,170	3275	6469450,329	508491,592	31,102
3223	6469741,867	508158,343	31,292	3276	6469440,319	508497,091	31,165
3224	6469750,463	508154,399	31,281	3277	6469439,184	508494,882	31,327
3225	6469753,222	508158,953	31,178	3278	6469437,098	508490,973	31,374
3226	6469756,207	508164,811	31,124	3279	6469433,585	508487,164	31,210
3227	6469758,379	508171,243	31,097	3280	6469430,037	508484,911	31,278
3228	6469766,527	508168,173	31,130	3281	6469423,016	508495,226	31,211
3229	6469763,418	508162,178	31,173	3282	6469423,200	508499,023	31,198

3283	6469422,670	508503,856	31,250
3284	6469422,451	508507,022	31,215
3285	6469413,821	508510,514	31,228
3286	6469412,518	508507,837	31,264
3287	6469410,721	508504,753	31,286
3288	6469408,143	508500,689	31,254
3289	6469396,474	508501,827	31,294
3290	6469397,073	508506,613	31,386
3291	6469397,470	508511,817	31,334
3292	6469397,197	508517,812	31,308
3293	6469384,923	508511,303	31,381
3294	6469384,252	508516,084	31,332
3295	6469384,631	508521,457	31,375
3296	6469384,402	508527,734	31,263
3297	6469376,993	508532,466	31,323
3298	6469374,182	508529,171	31,307
3299	6469372,154	508525,871	31,262
3300	6469369,885	508521,531	31,283
3301	6469363,890	508522,801	31,297
3302	6469362,411	508527,053	31,276
3303	6469362,029	508530,272	31,345
3304	6469360,385	508535,492	31,321
3305	6469355,944	508535,742	31,358
3306	6469353,841	508532,528	31,306
3307	6469351,400	508526,960	31,262
3308	6469343,382	508526,011	31,230
3309	6469342,690	508528,695	31,283
3310	6469341,831	508532,594	31,246
3311	6469340,511	508535,550	31,305
3312	6469329,171	508536,897	31,180
3313	6469328,185	508533,931	31,264
3314	6469328,055	508530,297	31,181
3315	6469327,677	508526,378	31,101
3316	6469322,081	508526,247	31,074
3317	6469321,606	508529,206	31,274
3318	6469320,262	508533,225	31,335

3453	6469606,130	508275,230	31,030	3507	6469537,450	508485,050	30,590
3454	6469624,960	508270,970	30,710	3508	6469537,260	508509,420	30,460
3455	6469642,770	508283,520	30,750	3509	6469527,800	508535,330	30,710
3456	6469630,510	508283,690	30,680	3510	6469520,730	508521,620	31,310
3457	6469617,810	508294,780	30,730	3511	6469517,100	508502,850	30,620
3458	6469618,250	508316,130	30,550	3512	6469519,750	508481,280	30,750
3459	6469641,230	508319,310	30,760	3513	6469507,400	508491,010	30,730
3460	6469648,700	508303,970	30,730	3514	6469503,050	508505,550	30,700
3461	6469634,420	508299,440	30,740	3515	6469502,840	508526,900	30,660
3462	6469612,410	508341,280	31,160	3516	6469511,640	508540,450	30,610
3463	6469606,500	508310,820	30,500	3517	6469489,880	508496,970	30,850
3464	6469625,280	508336,090	30,870	3518	6469488,960	508518,250	30,870
3465	6469643,950	508342,660	30,770	3519	6469491,170	508538,690	30,440
3466	6469660,650	508344,000	30,820	3520	6469499,380	508556,960	30,630
3467	6469632,150	508357,740	30,740	3521	6469492,370	508575,890	30,620
3468	6469651,250	508361,470	30,180	3522	6469483,790	508553,500	30,810
3469	6469654,470	508387,020	30,150	3523	6469475,360	508540,750	30,660
3470	6469634,220	508395,450	30,280	3524	6469476,190	508524,490	30,760
3471	6469670,340	508390,020	30,320	3525	6469474,860	508502,620	30,570
3472	6469650,050	508408,070	30,220	3526	6469462,910	508516,990	30,950
3473	6469626,420	508413,480	30,250	3527	6469452,130	508513,030	31,280
3474	6469643,060	508424,820	30,330	3528	6469458,660	508529,870	30,700
3475	6469663,360	508412,630	30,190	3529	6469463,030	508547,510	30,490
3476	6469675,570	508424,780	30,160	3530	6469475,390	508563,740	30,580
3477	6469670,480	508450,220	30,560	3531	6469418,930	508521,710	30,920
3478	6469661,390	508435,780	30,380	3532	6469433,760	508518,760	30,800
3479	6469653,650	508454,890	30,430	3533	6469444,500	508532,620	30,730
3480	6469635,350	508471,500	30,350	3534	6469430,170	508535,640	30,750
3481	6469641,480	508462,870	30,310	3535	6469447,940	508548,670	30,500
3482	6469639,290	508444,440	30,280	3536	6469452,790	508564,250	30,460
3483	6469631,520	508442,870	30,410	3537	6469474,600	508582,500	30,760
3484	6469609,710	508486,130	30,380	3538	6469477,580	508599,120	30,460
3485	6469607,070	508466,820	30,110	3539	6469466,370	508608,580	30,510
3486	6469603,900	508446,800	30,450	3540	6469442,770	508612,790	30,630
3487	6469576,390	508407,070	30,550	3541	6469443,030	508598,740	30,520
3488	6469600,390	508409,190	30,250	3542	6469460,020	508600,120	30,730
3489	6469592,790	508436,870	30,460	3543	6469456,170	508585,210	30,560
3490	6469577,670	508438,940	30,380	3544	6469436,440	508571,550	30,580
3491	6469589,410	508456,850	30,460	3545	6469436,100	508590,370	30,600
3492	6469589,700	508479,020	30,420	3546	6469419,430	508607,230	30,560
3493	6469591,770	508496,040	30,130	3547	6469421,500	508587,440	30,710
3494	6469576,310	508512,950	30,280	3548	6469422,200	508570,230	30,700
3495	6469574,510	508491,950	30,350	3549	6469427,930	508558,550	30,740
3496	6469576,030	508474,140	30,590	3550	6469421,080	508539,640	30,870
3497	6469573,820	508454,690	30,230	3551	6469406,110	508519,850	31,230
3498	6469564,320	508449,320	30,350	3552	6469405,680	508536,330	30,910
3499	6469556,340	508464,720	30,690	3553	6469406,970	508556,420	30,810
3500	6469563,040	508484,970	30,340	3554	6469404,990	508575,620	30,870
3501	6469565,610	508509,670	30,590	3555	6469403,910	508598,930	30,540
3502	6469543,850	508529,780	30,680	3556	6469393,640	508589,290	30,850
3503	6469554,330	508504,980	30,360	3557	6469393,570	508570,080	30,860
3504	6469548,360	508487,220	30,520	3558	6469391,200	508547,420	30,810
3505	6469544,770	508459,740	30,390	3559	6469396,500	508533,430	31,020
3506	6469533,310	508466,250	30,530	3560	6469420,110	508509,250	32,000

3561	6469421,250	508510,810	32,170	3615	6469382,030	508562,890	31,380
3562	6469418,380	508515,260	32,300	3616	6469377,530	508564,250	30,860
3563	6469416,580	508514,810	31,970	3617	6469385,040	508584,820	29,770
3564	6469421,990	508508,150	31,370	3618	6469387,230	508584,260	31,140
3565	6469423,210	508510,000	31,310	3619	6469382,970	508585,630	30,530
3566	6469421,370	508514,440	31,190	3620	6469387,810	508600,020	29,700
3567	6469418,570	508517,280	30,890	3621	6469389,920	508598,170	30,800
3568	6469415,260	508516,510	30,860	3622	6469384,880	508598,240	30,770
3569	6469414,490	508513,420	30,740	3623	6469364,010	508548,210	31,050
3570	6469418,770	508507,410	30,850	3624	6469364,960	508572,980	31,080
3571	6469412,550	508517,410	32,120	3625	6469369,410	508592,210	30,660
3572	6469412,550	508519,460	32,300	3626	6469354,320	508592,750	30,680
3573	6469410,040	508520,530	32,210	3627	6469353,160	508577,540	30,700
3574	6469409,440	508519,720	32,060	3628	6469350,750	508565,240	31,290
3575	6469414,650	508517,210	31,000	3629	6469351,780	508553,300	31,310
3576	6469413,580	508520,420	31,170	3630	6469362,430	508562,370	31,100
3577	6469410,290	508522,310	31,160	3631	6469332,655	508557,423	31,010
3578	6469408,560	508521,740	31,530	3632	6469335,450	508566,640	31,040
3579	6469408,810	508518,740	31,330	3633	6469339,690	508586,850	30,870
3580	6469411,120	508515,300	30,830	3634	6469321,520	508585,120	30,930
3581	6469412,770	508514,870	30,940	3635	6469322,090	508572,140	30,810
3582	6469402,400	508525,380	32,730	3636	6469324,790	508560,330	30,860
3583	6469402,780	508525,930	32,550	3637	6469324,820	508550,050	31,230
3584	6469400,750	508525,810	32,630	3638	6469318,060	508542,810	31,050
3585	6469401,090	508526,380	32,690	3639	6469308,810	508577,200	30,830
3586	6469403,620	508523,030	31,320	3640	6469312,230	508564,260	30,790
3587	6469404,320	508525,250	31,740	3641	6469310,250	508549,660	31,000
3588	6469402,210	508528,040	31,050	3642	6469302,551	508544,589	31,030
3589	6469400,500	508528,480	31,280	3643	6469290,290	508579,890	30,870
3590	6469398,930	508526,940	31,190	3644	6469285,840	508563,870	30,960
3591	6469400,200	508524,300	31,560	3645	6469299,130	508567,680	30,820
3592	6469393,090	508528,470	31,450	3646	6469296,900	508554,540	30,930
3593	6469392,660	508531,140	31,350	3647	6469289,910	508537,030	31,160
3594	6469390,630	508532,830	31,310	3648	6469282,340	508551,860	30,950
3595	6469388,030	508532,690	31,240	3649	6469274,880	508540,110	31,170
3596	6469388,170	508529,760	31,280	3650	6469266,880	508522,620	31,190
3597	6469390,510	508527,370	31,080	3651	6469282,350	508521,620	31,220
3598	6469391,390	508528,650	31,980	3652	6469298,270	508527,030	31,100
3599	6469390,350	508531,140	32,100	3653	6469293,470	508511,000	31,250
3600	6469383,760	508531,830	31,520	3654	6469280,890	508512,310	31,140
3601	6469383,350	508535,330	31,380	3655	6469264,710	508506,290	31,060
3602	6469378,530	508531,620	31,160	3656	6469280,180	508499,650	31,320
3603	6469373,870	508531,840	31,190	3657	6469289,980	508502,460	31,630
3604	6469377,610	508535,920	31,380	3658	6469287,030	508490,110	31,540
3605	6469371,990	508536,590	31,390	3659	6469305,270	508526,980	31,340
3606	6469380,310	508533,200	31,930	3660	6469263,170	508493,650	31,020
3607	6469372,070	508534,890	32,400	3661	6469258,590	508474,410	31,140
3608	6469364,920	508537,950	31,270	3662	6469273,660	508485,150	31,100
3609	6469374,250	508543,930	30,380	3663	6469280,770	508478,100	31,290
3610	6469376,830	508544,110	31,100	3664	6469287,230	508473,770	31,350
3611	6469372,220	508546,070	31,160	3665	6469287,220	508462,200	31,060
3612	6469373,330	508542,070	31,060	3666	6469272,480	508469,720	31,310
3613	6469374,980	508541,640	31,000	3667	6469253,650	508459,080	31,290
3614	6469379,780	508563,470	30,060	3668	6469269,950	508457,530	31,040

3669	6469283,030	508452,830	31,060	3723	6469378,460	508395,400	31,310
3670	6469284,250	508437,700	31,110	3724	6469373,750	508382,330	30,130
3671	6469273,080	508448,430	31,110	3725	6469376,000	508381,740	31,240
3672	6469271,310	508433,550	31,130	3726	6469371,350	508381,570	30,880
3673	6469260,420	508451,860	31,080	3727	6469370,990	508366,470	30,110
3674	6469253,900	508436,890	31,260	3728	6469369,020	508368,210	30,770
3675	6469248,290	508426,190	31,220	3729	6469373,400	508366,070	31,230
3676	6469262,050	508423,380	31,200	3730	6469367,880	508351,600	30,130
3677	6469272,630	508420,580	31,120	3731	6469370,080	508350,120	31,310
3678	6469249,170	508410,180	31,260	3732	6469365,210	508350,170	31,000
3679	6469261,900	508399,020	32,290	3733	6469395,570	508436,530	31,070
3680	6469276,030	508410,130	32,390	3734	6469392,420	508419,900	30,860
3681	6469290,180	508423,650	32,040	3735	6469390,810	508405,840	30,720
3682	6469273,250	508394,450	32,600	3736	6469390,479	508395,644	30,910
3683	6469283,240	508406,330	32,620	3737	6469387,843	508383,785	30,830
3684	6469295,900	508416,350	32,130	3738	6469386,086	508367,205	30,880
3685	6469313,220	508422,490	31,620	3739	6469377,920	508355,410	30,860
3686	6469308,340	508412,710	31,420	3740	6469382,560	508347,840	30,950
3687	6469298,570	508401,040	31,590	3741	6469398,980	508340,650	30,690
3688	6469287,170	508385,780	31,580	3742	6469398,150	508358,600	30,800
3689	6469300,640	508376,920	31,200	3743	6469397,910	508379,430	30,790
3690	6469309,000	508393,470	31,160	3744	6469405,760	508401,890	30,790
3691	6469318,600	508403,770	31,130	3745	6469405,510	508415,920	30,850
3692	6469325,140	508419,340	31,250	3746	6469406,140	508432,080	31,210
3693	6469320,510	508390,420	31,010	3747	6469413,350	508436,770	31,150
3694	6469316,710	508374,410	31,200	3748	6469415,560	508428,500	31,020
3695	6469296,760	508433,540	31,790	3749	6469417,010	508416,060	30,800
3696	6469323,450	508365,990	31,000	3750	6469419,260	508403,400	30,890
3697	6469330,230	508384,030	31,120	3751	6469412,690	508388,270	30,900
3698	6469339,320	508398,880	31,100	3752	6469409,350	508376,180	30,780
3699	6469333,440	508412,470	31,070	3753	6469414,850	508338,880	30,800
3700	6469336,460	508425,190	31,210	3754	6469410,740	508359,630	30,600
3701	6469348,030	508424,940	31,180	3755	6469422,570	508323,530	30,810
3702	6469349,133	508412,763	31,020	3756	6469429,140	508345,260	30,530
3703	6469361,820	508429,680	31,070	3757	6469421,350	508368,500	30,670
3704	6469361,630	508419,700	31,000	3758	6469435,280	508372,060	30,570
3705	6469354,100	508385,200	30,840	3759	6469425,370	508385,450	30,960
3706	6469346,410	508374,800	30,940	3760	6469430,840	508403,550	30,670
3707	6469340,910	508359,550	30,850	3761	6469431,200	508422,520	30,830
3708	6469352,700	508352,890	30,920	3762	6469428,500	508435,020	31,440
3709	6469359,980	508370,330	30,790	3763	6469441,970	508428,190	31,160
3710	6469357,530	508400,040	30,720	3764	6469441,550	508418,670	30,970
3711	6469367,100	508410,260	30,800	3765	6469441,920	508405,770	30,580
3712	6469373,930	508427,410	30,940	3766	6469440,620	508392,190	30,900
3713	6469380,740	508422,200	30,250	3767	6469446,290	508381,210	30,890
3714	6469378,830	508422,870	31,050	3768	6469447,380	508367,980	30,710
3715	6469382,340	508422,560	31,340	3769	6469441,080	508354,650	30,600
3716	6469380,660	508424,810	31,000	3770	6469438,420	508343,550	30,640
3717	6469382,890	508436,870	31,130	3771	6469436,630	508328,130	30,730
3718	6469378,370	508407,980	30,250	3772	6469419,570	508354,550	30,690
3719	6469380,790	508408,480	31,340	3773	6469442,520	508313,540	30,510
3720	6469375,920	508409,770	30,950	3774	6469451,760	508332,260	30,590
3721	6469376,220	508395,990	30,130	3775	6469455,710	508347,470	30,790
3722	6469373,710	508397,520	31,190	3776	6469456,100	508363,340	30,530

3777	6469457,880	508381,240	30,690	3831	6469501,880	508220,290	30,650
3778	6469457,410	508399,930	30,620	3832	6469505,890	508235,480	30,840
3779	6469462,380	508412,710	31,000	3833	6469512,340	508252,600	30,630
3780	6469476,930	508406,490	30,900	3834	6469524,640	508261,550	30,820
3781	6469470,790	508395,720	30,640	3835	6469582,700	508289,170	32,190
3782	6469472,740	508382,740	30,780	3836	6469575,180	508293,210	32,240
3783	6469469,860	508369,630	30,530	3837	6469555,740	508294,180	31,840
3784	6469469,320	508348,940	30,830	3838	6469545,720	508296,090	31,580
3785	6469466,060	508334,800	30,720	3839	6469536,279	508294,585	31,200
3786	6469464,400	508321,510	30,860	3840	6469524,530	508297,870	30,940
3787	6469466,650	508305,590	30,900	3841	6469525,037	508282,681	30,820
3788	6469483,520	508298,640	30,540	3842	6469539,145	508274,084	31,060
3789	6469479,280	508322,150	30,710	3843	6469561,030	508271,230	31,260
3790	6469485,740	508351,430	30,770	3844	6469556,860	508252,040	30,910
3791	6469482,250	508370,740	30,670	3845	6469573,280	508269,070	31,290
3792	6469498,000	508374,430	30,880	3846	6469565,980	508257,000	31,000
3793	6469496,130	508394,300	30,650	3847	6469566,520	508247,510	30,970
3794	6469484,200	508395,720	30,930	3848	6469560,040	508240,170	30,690
3795	6469492,790	508316,730	30,460	3849	6469544,760	508264,570	31,010
3796	6469494,370	508337,230	30,590	3850	6469550,020	508280,790	31,380
3797	6469502,100	508353,280	30,600	3851	6469537,400	508252,500	30,900
3798	6469504,360	508370,740	30,810	3852	6469549,010	508245,500	30,890
3799	6469517,550	508385,840	31,040	3853	6469572,140	508242,920	30,770
3800	6469527,880	508374,030	31,070	3854	6469566,310	508229,990	30,910
3801	6469519,410	508360,920	30,590	3855	6469561,380	508216,820	30,640
3802	6469510,090	508337,300	30,640	3856	6469553,060	508231,910	30,700
3803	6469521,760	508353,510	30,630	3857	6469539,220	508241,070	30,660
3804	6469508,520	508325,150	30,510	3858	6469523,320	508249,660	30,630
3805	6469523,810	508329,280	30,500	3859	6469562,300	508207,360	30,580
3806	6469525,940	508343,160	30,580	3860	6469554,760	508199,820	30,800
3807	6469534,660	508360,950	30,830	3861	6469555,050	508180,590	30,740
3808	6469542,510	508372,340	31,270	3862	6469543,440	508190,920	30,690
3809	6469541,490	508351,340	30,770	3863	6469543,830	508211,630	30,720
3810	6469536,630	508338,780	30,740	3864	6469550,780	508218,540	30,620
3811	6469535,130	508323,720	30,560	3865	6469542,520	508233,840	30,800
3812	6469520,970	508314,200	30,690	3866	6469534,170	508227,670	30,770
3813	6469508,470	508314,180	30,540	3867	6469532,620	508217,710	30,740
3814	6469529,530	508309,690	30,570	3868	6469537,470	508202,730	30,730
3815	6469496,820	508296,320	30,520	3869	6469526,850	508196,400	30,630
3816	6469513,870	508296,020	30,450	3870	6469528,770	508241,950	30,730
3817	6469518,380	508271,260	30,580	3871	6469522,630	508232,660	30,760
3818	6469499,000	508283,930	30,760	3872	6469515,370	508243,810	30,790
3819	6469473,480	508282,190	30,550	3873	6469523,650	508213,940	30,830
3820	6469489,700	508278,880	30,470	3874	6469502,810	508209,540	30,820
3821	6469507,750	508269,830	30,860	3875	6469514,070	508202,640	30,600
3822	6469496,040	508266,310	30,740	3876	6469511,570	508224,710	30,790
3823	6469470,200	508270,290	30,730	3877	6469546,420	508311,930	30,900
3824	6469476,410	508262,730	30,780	3878	6469564,850	508315,150	30,590
3825	6469484,700	508255,260	30,610	3879	6469582,570	508311,380	30,790
3826	6469462,250	508245,070	30,520	3880	6469569,010	508306,440	31,310
3827	6469475,640	508241,960	30,490	3881	6469592,580	508295,270	31,380
3828	6469484,200	508222,960	30,710	3882	6469583,020	508336,300	30,660
3829	6469492,080	508240,750	30,630	3883	6469569,430	508334,330	30,580
3830	6469503,020	508253,900	30,580	3884	6469550,070	508329,720	30,700

3885	6469551,680	508348,650	30,740	3939	6469788,280	508080,800	31,410
3886	6469551,770	508366,200	31,150	3940	6469775,272	508113,942	31,130
3887	6469565,560	508375,280	31,140	3941	6469786,300	508109,220	31,270
3888	6469569,950	508384,920	31,390	3942	6469796,080	508104,300	31,320
3889	6469567,580	508353,120	31,210	3943	6469804,435	508085,419	31,290
3890	6469581,200	508356,500	30,790	3944	6469814,080	508094,370	31,310
3891	6469576,810	508369,320	30,810	3945	6469797,705	508094,072	31,100
3892	6469583,210	508385,270	30,920	3946	6469797,440	508072,400	31,180
3893	6469588,460	508378,840	30,780	3947	6469791,290	508059,110	31,210
3894	6469590,060	508409,780	30,440	3948	6469785,560	508035,850	30,790
3895	6469598,700	508382,470	30,350	3949	6469807,350	508060,050	31,170
3896	6469595,640	508371,780	30,430	3950	6469798,990	508041,760	30,970
3897	6469590,040	508358,350	30,840	3951	6469818,410	508042,420	30,830
3898	6469585,700	508372,650	30,560	3952	6469782,960	508099,540	30,800
3899	6469585,650	508326,160	30,550	3953	6469815,230	508012,500	30,630
3900	6469591,720	508183,360	30,890	3954	6469799,590	508021,370	30,510
3901	6469583,100	508163,560	30,810	3955	6469814,850	508033,020	30,710
3902	6469601,240	508155,280	30,880	3956	6469840,940	508040,800	31,260
3903	6469601,510	508173,570	30,780	3957	6469854,911	508037,187	31,070
3904	6469610,090	508191,440	30,810	3958	6469848,000	508044,750	31,130
3905	6469624,850	508187,740	30,730	3959	6469838,790	508027,320	30,780
3906	6469612,510	508165,150	30,910	3960	6469830,200	508039,840	30,910
3907	6469596,910	508239,210	31,400	3961	6469833,750	508015,980	30,560
3908	6469599,310	508224,500	31,180	3962	6469837,100	507997,430	30,630
3909	6469616,740	508138,000	30,640	3963	6469850,424	508009,947	30,780
3910	6469628,230	508156,830	30,790	3964	6469863,220	508015,280	30,560
3911	6469643,411	508185,028	30,980	3965	6469875,700	508017,210	30,630
3912	6469658,140	508153,980	30,850	3966	6469869,070	508004,200	30,530
3913	6469641,870	508149,530	30,930	3967	6469861,200	507998,020	30,600
3914	6469638,170	508121,970	30,890	3968	6469853,960	507987,280	30,410
3915	6469658,140	508137,500	30,800	3969	6469867,950	507980,940	30,650
3916	6469664,510	508115,430	30,910	3970	6469877,880	507996,770	30,790
3917	6469677,870	508133,420	30,870	3971	6469883,700	508008,350	30,730
3918	6469682,270	508107,740	30,960	3972	6469894,880	508001,960	30,680
3919	6469711,240	508076,960	30,980	3973	6469889,170	507988,420	30,720
3920	6469705,980	508111,310	30,930	3974	6469882,190	507970,130	30,770
3921	6469724,610	508106,280	30,790	3975	6469895,080	507964,840	30,610
3922	6469689,180	508090,580	30,950	3976	6469902,260	507983,240	30,600
3923	6469730,160	508088,140	30,970	3977	6469902,180	507998,190	30,730
3924	6469747,120	508067,150	30,900	3978	6469911,000	507990,660	30,760
3925	6469755,242	508085,900	30,930	3979	6469910,400	507977,410	30,550
3926	6469733,910	508136,290	30,850	3980	6469901,860	507966,510	30,780
3927	6469739,370	508148,550	31,120	3981	6469908,110	507952,600	30,570
3928	6469740,600	508121,250	30,760	3982	6469911,910	507967,570	30,640
3929	6469751,810	508121,480	30,540	3983	6469920,140	507986,170	30,620
3930	6469761,190	508109,620	30,710	3984	6469916,470	507946,700	30,700
3931	6469751,270	508138,100	30,830	3985	6469921,730	507963,170	30,720
3932	6469762,090	508139,140	31,220	3986	6469921,310	507975,390	30,610
3933	6469769,320	508127,290	31,300	3987	6469931,140	507968,110	30,680
3934	6469766,790	508093,970	30,700	3988	6469932,450	507954,680	30,350
3935	6469773,040	508044,420	31,090	3989	6469931,630	507943,820	30,530
3936	6469767,300	508051,770	30,940	3990	6469933,130	507935,420	30,540
3937	6469779,670	508061,420	31,230	3991	6469940,230	507944,460	30,680
3938	6469767,260	508073,241	31,300	3992	6469947,580	507953,760	30,690

3993	6469937,840	507963,920	30,320	4047	6470117,500	507842,490	31,020
3994	6469955,150	507955,450	30,720	4048	6470125,700	507845,190	31,280
3995	6469958,590	507942,110	30,750	4049	6470128,510	507837,190	30,930
3996	6469946,390	507937,610	30,630	4050	6470142,600	507836,990	30,800
3997	6469947,020	507928,460	31,160	4051	6470131,420	507826,070	30,760
3998	6469958,160	507930,240	31,260	4052	6470119,680	507818,720	30,590
3999	6469963,030	507921,200	31,310	4053	6470131,290	507805,370	30,860
4000	6469967,670	507944,960	30,650	4054	6470136,540	507821,220	30,630
4001	6469969,570	507935,620	31,080	4055	6470146,680	507821,110	30,940
4002	6469972,880	507927,180	31,100	4056	6470117,990	507833,180	30,770
4003	6469974,770	507915,200	31,250	4057	6470156,980	507812,970	30,740
4004	6469981,270	507924,020	31,140	4058	6470189,400	507836,860	31,540
4005	6469984,120	507936,070	31,160	4059	6470170,280	507830,260	31,100
4006	6469991,750	507928,860	30,840	4060	6470213,320	507840,620	31,320
4007	6469995,630	507919,350	30,690	4061	6470202,910	507819,090	31,350
4008	6469984,550	507915,120	30,960	4062	6470205,500	507866,670	30,740
4009	6469991,860	507908,160	30,900	4063	6470188,160	507876,920	31,260
4010	6469993,510	507900,260	30,630	4064	6470220,600	507873,660	30,580
4011	6470003,940	507893,820	30,740	4065	6470208,360	507885,410	30,660
4012	6470009,760	507904,500	30,940	4066	6470216,660	507911,710	31,320
4013	6469999,320	507908,660	30,700	4067	6470226,930	507890,640	30,760
4014	6470006,160	507913,270	31,110	4068	6470228,920	507866,700	30,460
4015	6470010,180	507889,760	30,630	4069	6469654,012	508190,220	31,050
4016	6470016,760	507899,880	30,790	4070	6469687,710	508124,970	30,810
4017	6470021,990	507911,830	30,770	4071	6469691,020	508164,270	30,930
4018	6470029,230	507905,220	30,980	4072	6469667,060	508106,030	30,710
4019	6470025,860	507897,950	30,660	4073	6469644,910	508132,120	30,950
4020	6470031,650	507894,620	30,940	4074	6469728,940	508067,810	30,870
4021	6470036,120	507885,370	30,960	4075	6469670,030	508167,980	30,820
4022	6470023,210	507887,830	30,800	4076	6469652,890	508171,361	30,700
4023	6470027,890	507879,450	30,720	4077	6469627,320	508208,250	31,130
4024	6470035,620	507875,240	30,760	4078	6469679,190	508172,460	30,920
4025	6470043,230	507870,480	30,920	4079	6469742,903	508103,526	30,910
4026	6470037,900	507902,850	31,170	4080	6470176,700	507817,090	30,970
4027	6470045,560	507870,730	29,540	4081	6470092,470	508015,990	31,390
4028	6470047,260	507868,650	30,870	4082	6470096,110	508030,140	30,990
4029	6470046,760	507863,700	30,890	4083	6470183,330	507801,600	30,540
4030	6470042,620	507865,840	30,190	4084	6470123,069	507997,166	30,990
4031	6470044,670	507864,970	29,390	4085	6470122,321	507984,642	30,980
4032	6470065,700	507856,390	30,540	4086	6470148,950	507972,771	31,040
4033	6470064,770	507873,690	30,830	4087	6470095,965	508006,512	31,050
4034	6470076,610	507868,760	30,650	4088	6469902,438	508161,764	30,940
4035	6470077,730	507849,290	30,780	4089	6469799,835	508187,798	30,960
4036	6470085,840	507863,370	30,340	4090	6469772,896	508208,203	30,910
4037	6470091,960	507835,510	30,670	4091	6469712,987	508189,406	31,030
4038	6470094,040	507854,910	30,760	4092	6469340,419	508551,561	31,100
4039	6470085,000	507850,680	30,560	4093	6469396,523	508428,610	31,040
4040	6470111,920	507860,460	31,170	4094	6469853,789	508026,131	30,890
4041	6470105,400	507853,090	31,070				
4042	6470107,650	507844,620	31,090				
4043	6470105,130	507841,370	30,810				
4044	6470096,940	507847,930	30,790				
4045	6470099,450	507829,370	30,350				
4046	6470108,400	507820,180	30,450				