

EXPEDIENTE Nº

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ORGANICA Nº PROGRAMA Nº CONCEPTO Nº

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MINISTERIO DE INDUSTRIA Y ENERGIA  
**INSTITUTO GEOLOGICO Y MINERO DE ESPAÑA**

"AMPLIACION DE LA PROSPECCION GRAVIMETRICA Y MAGNETICA  
EN PUEBLA DE LA REINA (BADAJOZ)" 1987.

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1. INTRODUCCION

## 1. INTRODUCCION

El presente informe hace referencia a una campaña de gravimetría y magnetometría llevada a cabo por la Sección de Geofísica del IGME en Julio de 1987 en el área de Puebla de la Reina a petición de la Dirección de Minería del anterior. Esta campaña es la prolongación de una similar ejecutada en Octubre de 1986 por la misma Sección de Geofísica. (Ver a es te respecto la figura nº 1 donde se aprecia la situación de ambas).

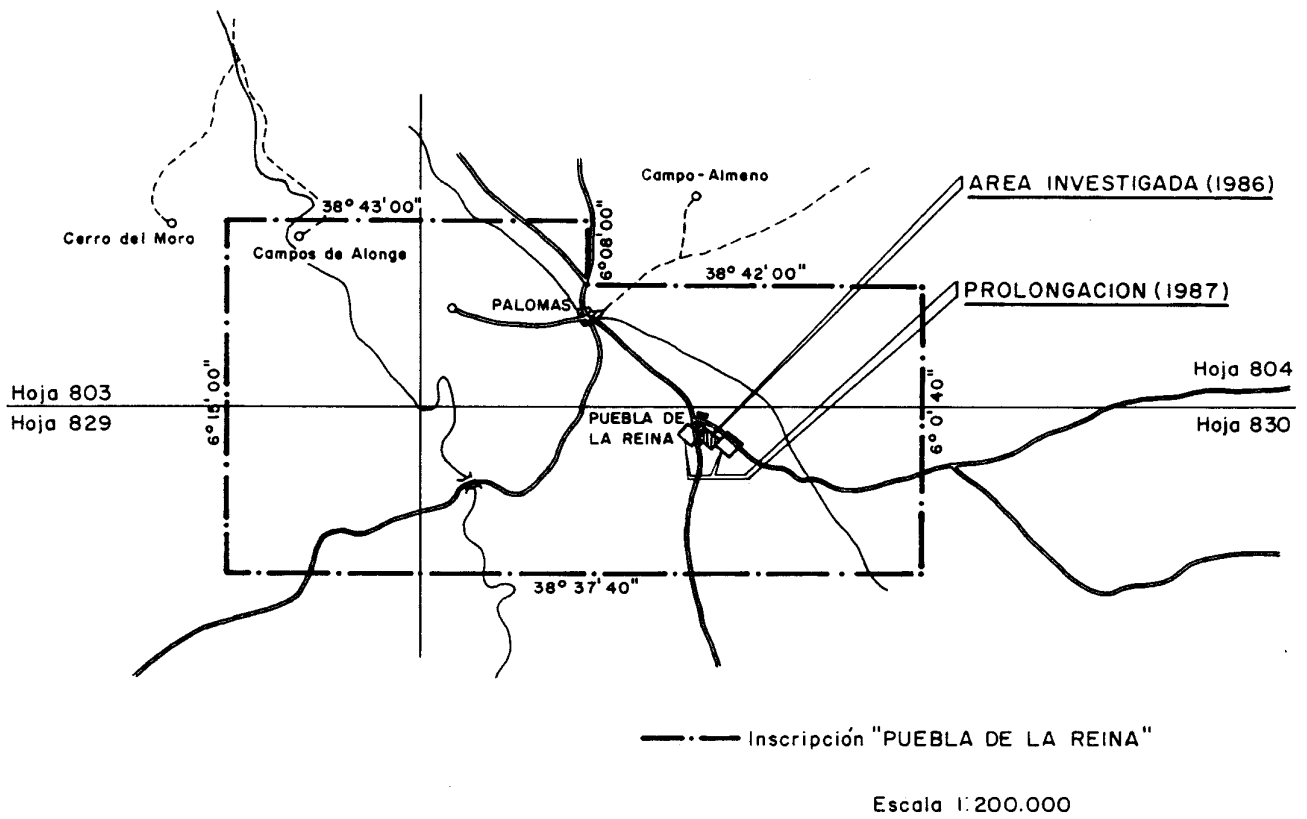


FIG. Nº 1.- SITUACION DEL ESTUDIO

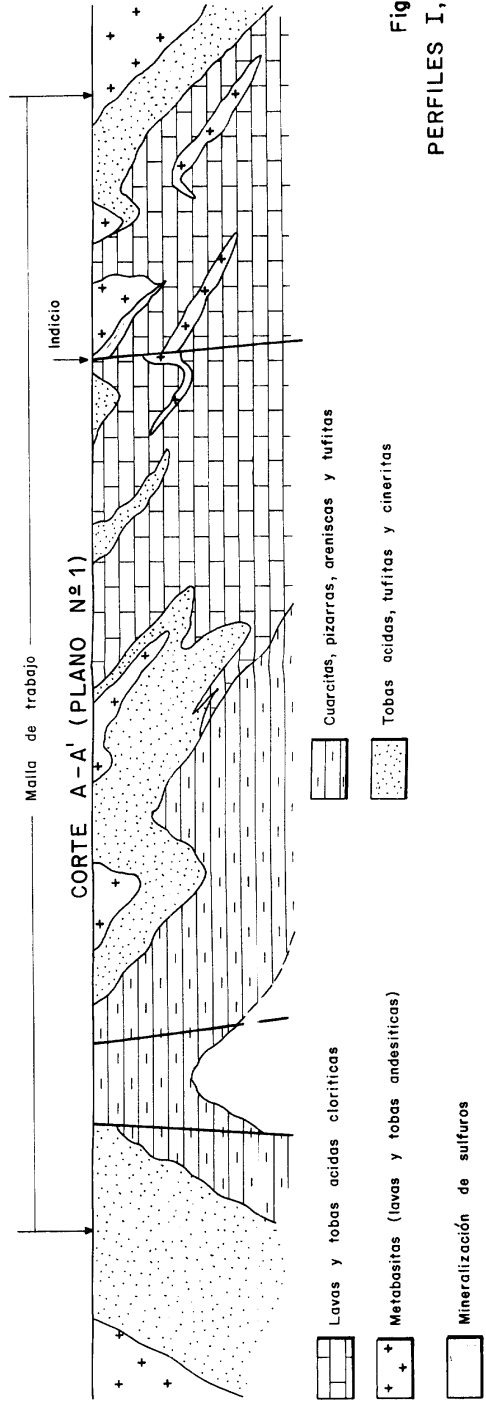
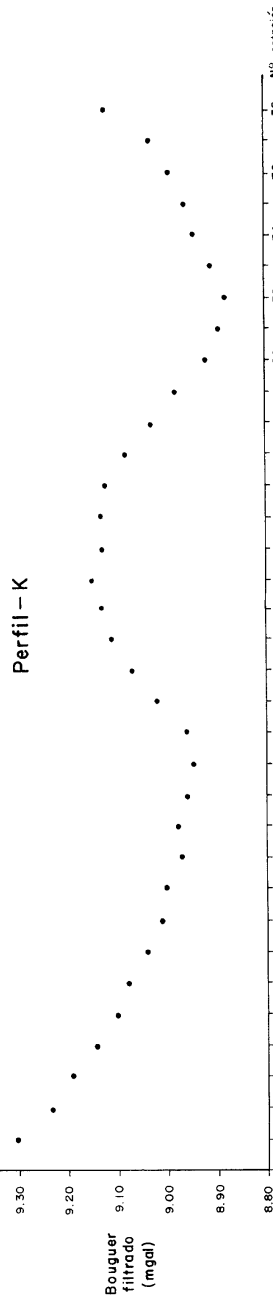
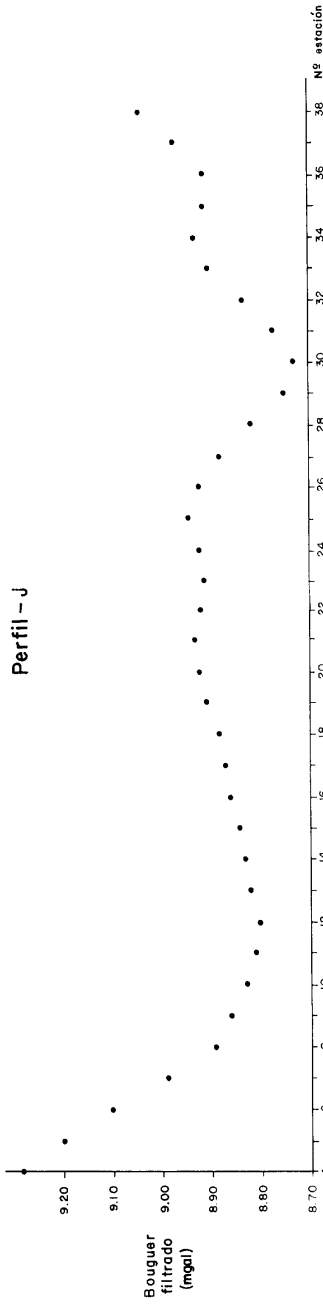
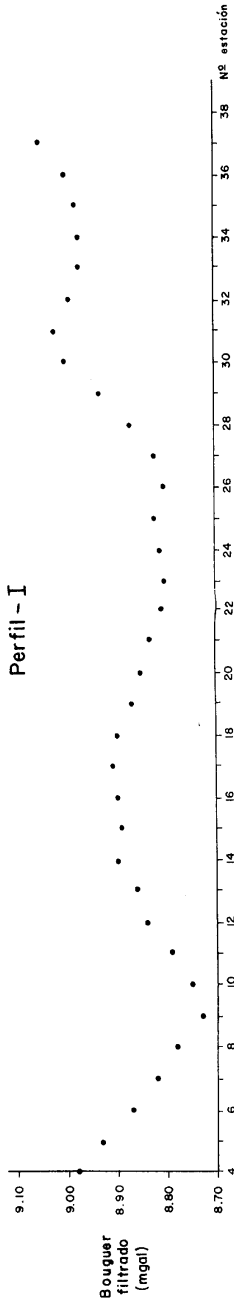
2. ANTECEDENTES

## 2. ANTECEDENTES

La Dirección de Minería, a través de la oficina del IGME en Peñarroya, viene desarrollando en el área objeto de investigación una serie de trabajos que han puesto de manifiesto la existencia de una mineralización de sulfuros complejos (pirita - calcopirita - blenda - galena). La mineralización encaja en una serie volcano-sedimentaria de carácter intermedio-ácido de probable edad Ordovícica. La cartografía que aparece en el Plano nº 1 es una simplificación de la que figura en el proyecto "Exploración minera en las zonas de Oliva de Mérida y Puebla de la Reina (Badajoz)" (1984). Téngase en cuenta que la cartografía original es bastante interpretativa, por estar la zona muy cubierta y tratarse de una serie muy compleja con numerosas interdigitaciones. La simplificación se ha pretendido realizar de modo que no se pierda información de interés desde el punto de vista gravimétrico y/o magnético. Dicho proyecto comprendió también la realización de varios sondeos mecánicos y una geofísica eléctrica (resistividad y P.I.). El yacimiento, de dirección NW-SE y buzamiento al NE, provoca una anomalía positiva de cargabilidad con valores sensiblemente más elevados que los de la roca de caja, y otra de resistividad con carácter conductor, aunque no muy acusado, lo que se explica porque aquél no es masivo. En los sondeos se han encontrado leyes que llegan al 5.7% Cu, 3.6% Pb y 37.6% Zn. La potencia máxima es de 9 m, con una corrida investigada de unos 200 m que se cierra 50 m al E del indicio y queda abierta al W del mismo pero con leyes que se van empobreciendo en esta dirección. La extensión según el buzamiento, en forma de diseminación, llega a ser de hasta unos 100 m.

Como ya se ha señalado, en Octubre de 1986 la Sección de Geofísica llevó a cabo el trabajo "Estudio gravimétrico y magnetométrico en el sector de Puebla de la Reina (Badajoz)" (clasificado con el nº 40.309 en el fondo documental del IGME) que puso de manifiesto el yacimiento, aunque la anomalía gravimétrica sobre el mismo resultaba bastante débil (entre las estaciones 29 y 32 en el perfil I, la 32 y 34 en el J, y la levisimamente insinuada en las 33 y 34 en el K. Ver la figura nº 2 extraída del informe de 1986). La anomalía positiva más significativa se situaba según el perfil K (estaciones 19 a 28), en coincidencia con anomalías eléctricas detectadas en proyectos anteriores. Este hecho llevó a efectuar la recomendación de realizar un sondeo mecánico sobre la anterior.





**Figura nº 2**  
**PERFILES I, J, K (d = 2.4 g/cm<sup>3</sup>)**

3. OBJETIVOS

### 3. OBJETIVOS

Con los antecedentes descritos, se pretende extender la campaña de 1986 a fin de tratar de obtener zonas anómalas que puedan corresponder a cuerpos mineralizados como el ya conocido en la actualidad.

4. TRABAJOS REALIZADOS

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##### 4.1. Duración y equipo de trabajo.

La toma de datos en campo de gravimetría y magnetismo se llevó a cabo del 8 al 28 de Julio de 1987. El equipo estuvo compuesto por D. José Luis García Lobón, Ingeniero de Minas, D. Julián Coronel Campos y D. Ceferino Avilero Hurtado, Ingenieros Técnicos de Minas, y D. José María Llorente - Delgado, Operador geofísico, todos ellos pertenecientes a la Sección de Geofísica del IGME.

##### 4.2. Instrumentación.

- 1 Gravímetro Worden 553
- 1 Magnetómetro de protones Geometrics G-816 (1 nT de sensibilidad)
- 1 Base registradora Geometrics G-816 (1 nT de sensibilidad)
- 2 Taquímetros Wild T1A

##### 4.3. Perfiles.

Considerando conjuntamente las campañas de 1986 y 1987 se han levantado y medido un total de 33 perfiles, según una dirección N 47 g (centesimales) E (N UTM en el huso 30), separados 100 m con estaciones a 25 m (Ver figura nº 3):





#### 4.4. Metrología.

##### . Topografía

Se ha realizado un levantamiento taquimétrico de cada estación estableciéndose las coordenadas en el sistema UTM.

El equipo utilizado ha sido de 2 topógrafos con 2 peones cada uno que portaban las miras respectivas.

Se declinaron ambos aparatos utilizando la alineación formada por los vértices geodésicos de Puebla de la Reina y Oliva.

Se ha trabajado con dos puntos origen de coordenadas planimétricas XY: el I-30 coincidente con un sondeo mecánico y levantado en la campaña de 1986 y el U-46 al que se dió coordenadas mediante Pothenet visando a los vértices de Puebla de la Reina, Oliva y Vista Alegre.

El vértice de Puebla de la Reina se utilizó también como origen de la coordenada Z.

El levantamiento se ha efectuado sobre itinerarios (según los perfiles) cerrados a no más de 2000 m de perímetro. Se ha compensado cuando el valor de cierre ha estado dentro de la precisión tomada, dada por:

$$c \leq 10 \sqrt{d}$$

c: valor de cierre en cm (altimetría) ó en m (planimetría)  
d: longitud del cierre en Km

Los planos números 2 y 3 contienen los esquemas de cierres planimétricos y altimétricos resultantes.



### . Gravimetría

Se ejecutaron programas de lectura, de duración siempre inferior a las 2 horas 30 minutos, iniciados y finalizados en la base única del trabajo (Ver el plano nº 1) a la que se le atribuyó un valor de gravedad  $g_b = 50.00$  mGal.

La gravedad en cada estación se obtiene adicionando al valor de gravedad adjudicado a la base, el incremento medido entre cada estación y dicha base  $K \cdot \Delta l$ , corregido de efecto lunisolar, CLS y de la deriva del gravímetro, CD:

$$g = g_b + \Delta l \cdot K + CD + CLS$$

siendo  $K$  la constante del gravímetro y  $\Delta l$  la diferencia de lecturas entre la estación y la base.

Considerando tanto la campaña de 1986 como la de 1987 se repitieron un total de 167 estaciones, resultando un error cuadrático medio,  $E_{cm} = \sqrt{\frac{\sum d^2}{N}}$ , de 6 cmGal. En la expresión anterior,  $d$  es la diferencia entre las gravedades de terminadas en la primera medición y la repetición y  $N$  el número de puntos repetidos. El diagrama de frecuencias obtenido, junto a los valores representativos y la curva de frecuencias relativas acumuladas, aparece en la figura nº 4. En la figura nº 5 se representa la deriva secular del gravímetro W 553 (primera lectura diaria en la base única del trabajo).

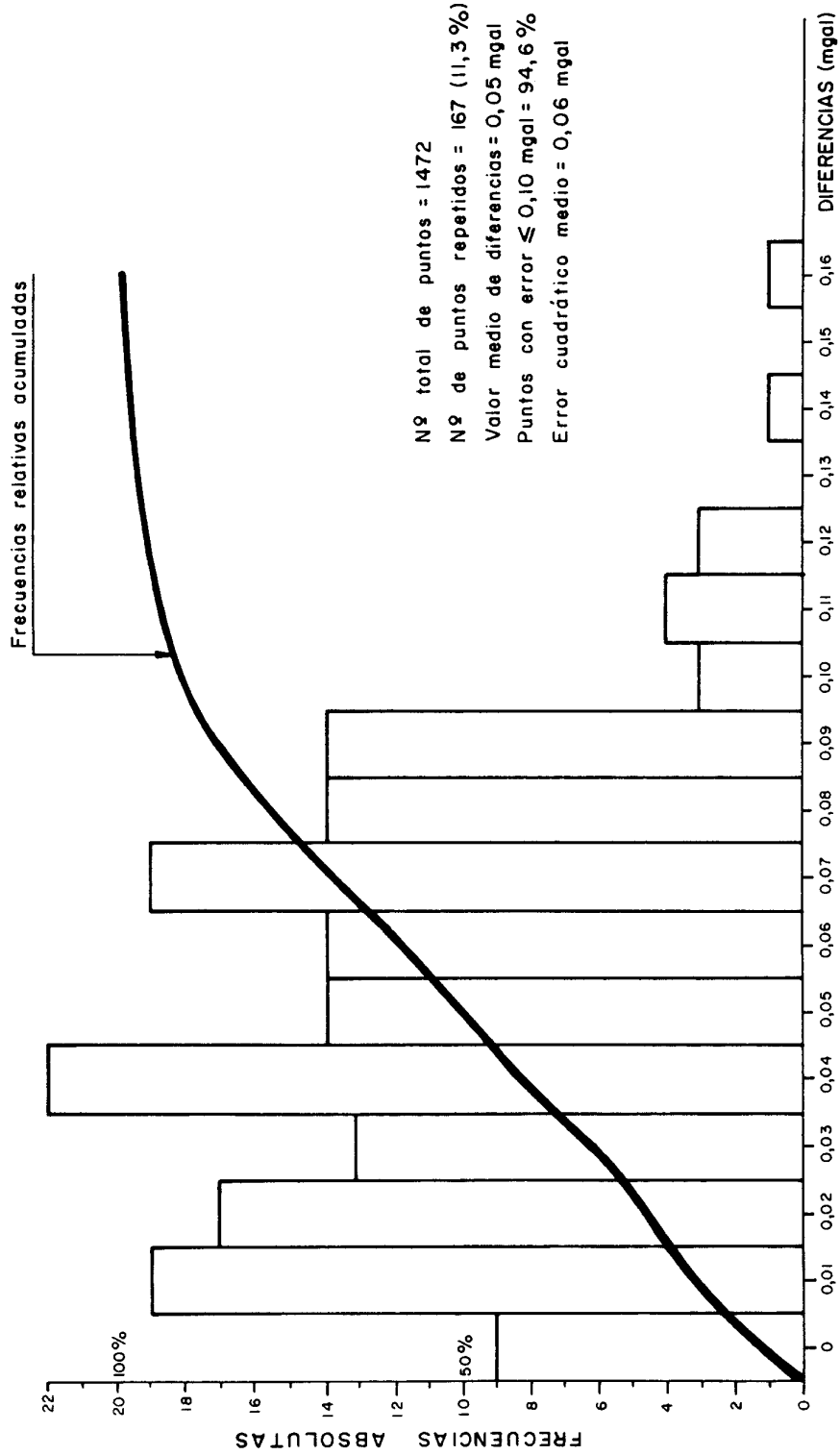


Fig N° 4.- CONTROL DE REPETICIONES DEL GRAVIMETRICO

. Magnetometría

El magnetómetro G-816 proporciona, en cada estaca, una lectura absoluta del campo magnético total en la mis-ma. A este valor hay que aplicarle la corrección por varia-ción diurna CVD, determinada mediante registro continuo en punto fijo con la base registradora G-816 A, y la corrección de deriva CD, hallada con los cierres efectuados en los dis-tintos programas en base única (Estaca I-31), obteniéndose una corrección de deriva y variación diurna conjunta con errores aproximados inferiores a 4 nanoteslas (nT) (1 nT = 1 gamma).

El valor del campo en cada estación es, entonces:

$$CG = CG_{\text{medido}} + CVD + CD \text{ nT}$$

La repetición de 95 lecturas de control arroja un error de medición  $E_{cm} = 10 \text{ nT}$ . La consideración tanto de este error como de la intensidad de las anomalías en la zona, nos ha hecho seleccionar para la representación del campo un intervalo de isoanómalas de 50 nT.

Por último, obsérvese que aunque se trata de - lecturas absolutas de campo total, se ha hecho una reducción a base con valor relativo de 43734 nT (valor correspondiente a la estación I-31 según la campaña de 1986).

5. TRATAMIENTO DE DATOS

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### 5.1. Gravimetría

- . Gravedad normal  $g_0$ : obtenida por la fórmula del Geodetic Reference System 1967

$$g_0 = 978031.85 (1 + 0.005278895 \text{ sen}^2 L + 0.000023462 \text{ sen}^4 L) \text{ mGal}$$

donde L es la latitud calculada a partir de las coordenadas UTM de cada estación.

- . Corrección topográfica T: en cada estación viene dada por la suma de las 3 correcciones siguientes:

- Próxima: zonas B, C y D de Hammer estimada en campo.
- Media: zonas E, F, G, H, I, por interpolación según el método de Neuman aplicado con una malla de corrección de 500 x 500 m y 63 puntos (7 x 9), con origen UTM en X = 751000, Y = 4281500

La malla se encuentra almacenada en el fichero "CTMPUE" (disco flexible de HP-9845).

- Lejana: zonas J, K, L y M por interpolación según el método anterior aplicado en una malla de 4.5 x 4.5 Km y 4 puntos (2 x 2), con origen UTM en X = 751000, Y = 4280500, almacenada en el fichero "CTLPUE".

- . Corrección de altura  $C_h$ : engloba la corrección de "aire libre" o de Fayé,  $C_F$ , y la de Bouguer,  $C_B$ , con los valores siguientes:

$$C_F = 0.30854 \frac{\text{mGal}}{\text{m}} \quad C_B = 0.04192 \frac{\text{mGal} \cdot \text{cm}^3}{\text{m} \cdot \text{g}}$$

con lo que el valor conjunto de la corrección de altura  $C_h$ , a densidad de reducción  $d = 2.0 \text{ g/cm}^3$ , es:

$$C_h = C_F - d \cdot C_B = 0.22470 \text{ mGal/m}$$

- . Anomalía de Bouguer: Se obtiene como diferencia entre la gravedad medida  $g$  y la gravedad normal  $g_0$ , afectada por las correcciones de altura y topográfica.

$$A_{2.0} = g - g_0 + C_h \cdot Z + T$$

$g$  = gravedad medida en el punto

$g_0$  = gravedad normal en el punto

$Z$  = cota del punto

$T$  = corrección topográfica en el punto.

El subíndice 2.0 indica que la anomalía se refiere a esa densidad de reducción, que es a la que corresponden  $C_h$  y  $T$ . Para otra densidad cualquiera  $d$ :

$$A_d = A_{2.0} - \left( \frac{d-2}{2} \right) \cdot C \quad \text{donde } C = 2 \cdot C_B \cdot Z - T$$

La elección de la densidad de reducción "d" para el cálculo de las anomalías de Bouguer se ha efectuado mediante un método estadístico que utiliza los resultados de la misma campaña gravimétrica (el Bouguer a una cierta densidad "d"), en el que el criterio no es, como en otros métodos estadísticos, el de la mínima correlación con la topografía, sino el anular la anomalía gravimétrica allí donde no exista la razón de contraste de densidad para que la haya, con independencia de los accidentes del terreno. El cálculo se efectúa realizando un muestreo de toda la zona de trabajo, en el que cada conjunto de valores de Bouguer (muestra) está definido por las estaciones encerradas en un entorno circular de radio dado y centro variable. A cada muestra se le trata de ajustar por mínimos cuadrados un plano, de forma que se obtiene la densidad de reducción como un parámetro de cálculo (para cada muestra) que hace mínima la anomalía residual diferencia entre el Bouguer y el plano ajustado. Esta densidad será la de reducción si el conjunto de estaciones de la muestra no define anomalía alguna. La posibilidad de llevar a cabo un muestreo variado hace que se den más situaciones en que no hay anomalía residual que situaciones anómalas, - con lo que un muestreo exhaustivo proporciona un colectivo estadístico del que se puede deducir un valor de densidad de reducción representativo de toda la zona prospectada.

El método que acaba de ser descrito ha conducido a la selección de una densidad de reducción de  $2.4 \text{ g/cm}^3$ , densidad que es además ajustada al contexto geológico con el que se trabaja. Por otro lado la zona de estudio es de suave relieve, por lo que la selección de la densidad de reducción no es crítica (ver figura nº 6).

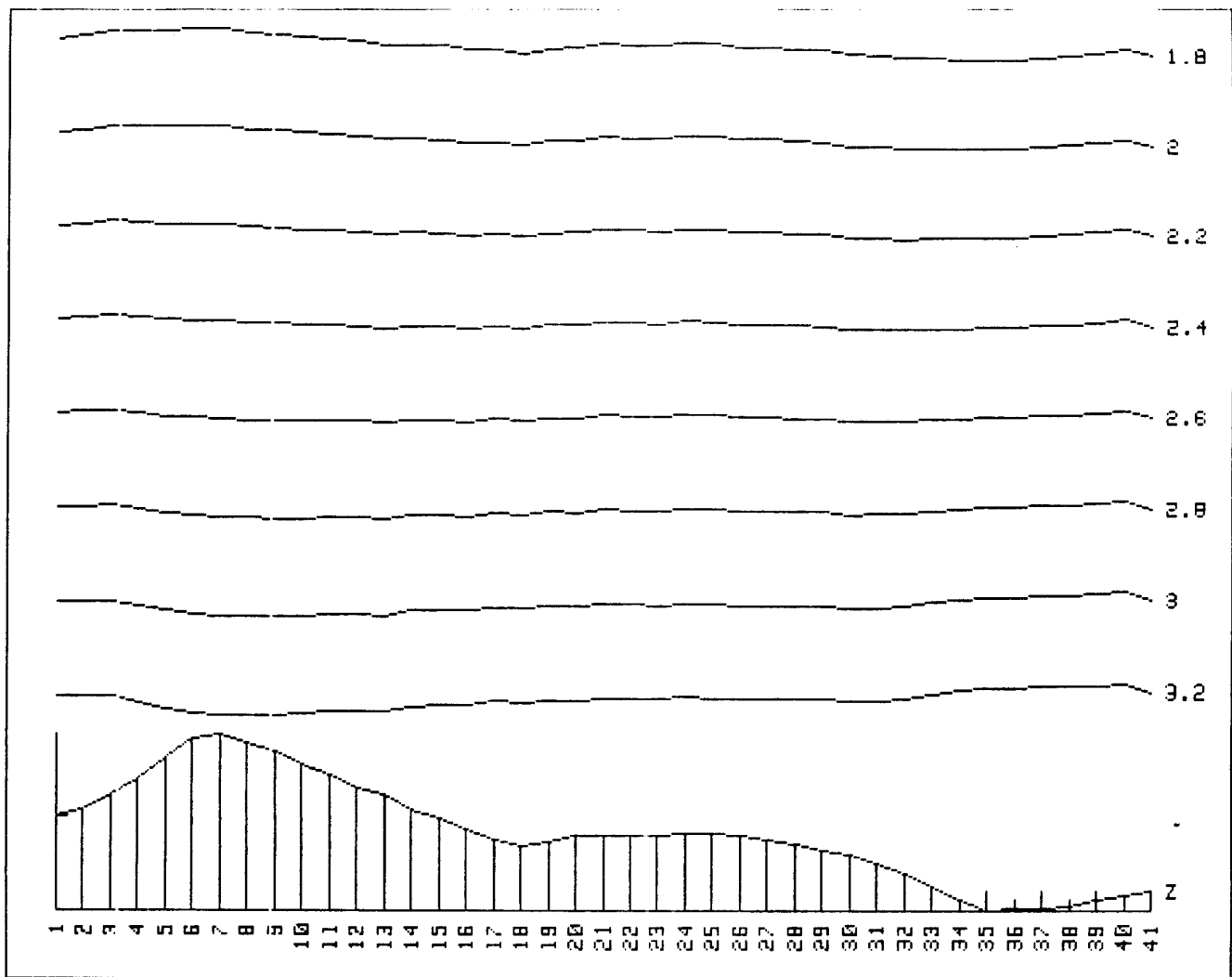


Figura nº 6. Nettleton del perfil K



	NE	Z	A	C	1.8 A1	2.0 A2	2.2 A3	2.4 A4	2.6 A5	2.8 A6	3.0 A7	3.2 A8
1	398.91	15.95	33.32	19.29	15.95	12.62	9.29	5.96	2.63	-0.70	-4.04	
2	400.59	16.05	33.46	19.39	16.05	12.70	9.35	6.01	2.66	-0.68	-4.03	
3	403.65	16.19	33.72	19.56	16.19	12.82	9.44	6.07	2.70	-0.67	-4.04	
4	406.61	16.15	33.96	19.55	16.15	12.76	9.36	5.96	2.57	-0.83	-4.22	
5	410.89	16.13	34.32	19.56	16.13	12.70	9.27	5.84	2.40	-1.03	-4.46	
6	414.87	16.17	34.64	19.64	16.17	12.71	9.25	5.78	2.32	-1.15	-4.61	
7	415.83	16.13	34.71	19.60	16.13	12.66	9.19	5.72	2.25	-1.22	-4.69	
8	413.91	16.05	34.56	19.50	16.05	12.59	9.14	5.68	2.22	-1.23	-4.69	
9	412.23	15.99	34.43	19.43	15.99	12.54	9.10	5.66	2.21	-1.23	-4.67	
10	409.77	15.91	34.23	19.33	15.91	12.48	9.06	5.64	2.22	-1.21	-4.63	
11	407.41	15.87	34.04	19.28	15.87	12.47	9.06	5.66	2.26	-1.15	-4.55	
12	405.04	15.78	33.85	19.17	15.78	12.40	9.01	5.63	2.24	-1.14	-4.53	
13	403.71	15.68	33.72	19.05	15.68	12.31	8.93	5.56	2.19	-1.18	-4.56	
14	400.62	15.71	33.48	19.06	15.71	12.36	9.02	5.67	2.32	-1.03	-4.38	
15	398.66	15.67	33.32	19.00	15.67	12.34	9.00	5.67	2.34	-0.99	-4.32	
16	396.65	15.55	33.15	18.87	15.55	12.23	8.92	5.60	2.29	-1.03	-4.34	
17	394.47	15.59	32.97	18.88	15.59	12.29	8.99	5.70	2.40	-0.90	-4.19	
18	393.19	15.48	32.86	18.77	15.48	12.20	8.91	5.62	2.34	-0.95	-4.24	
19	393.93	15.62	32.93	18.92	15.62	12.33	9.04	5.74	2.45	-0.84	-4.13	
20	395.27	15.66	33.05	18.97	15.66	12.36	9.05	5.75	2.44	-0.86	-4.17	
21	395.27	15.77	33.05	19.07	15.77	12.46	9.16	5.85	2.55	-0.75	-4.06	
22	395.11	15.74	33.04	19.04	15.74	12.43	9.13	5.83	2.52	-0.78	-4.09	
23	395.22	15.70	33.04	19.00	15.70	12.39	9.09	5.79	2.48	-0.82	-4.13	
24	395.56	15.79	33.07	19.10	15.79	12.48	9.18	5.87	2.56	-0.74	-4.05	
25	395.54	15.77	33.06	19.08	15.77	12.47	9.16	5.85	2.55	-0.76	-4.07	
26	394.98	15.69	33.01	19.00	15.69	12.39	9.09	5.79	2.49	-0.81	-4.11	
27	394.50	15.68	32.97	18.98	15.68	12.38	9.09	5.79	2.49	-0.80	-4.10	
28	393.24	15.62	32.87	18.90	15.62	12.33	9.04	5.76	2.47	-0.82	-4.10	
29	392.23	15.57	32.78	18.85	15.57	12.29	9.01	5.74	2.46	-0.82	-4.10	
30	391.36	15.44	32.72	18.71	15.44	12.17	8.90	5.62	2.35	-0.92	-4.19	
31	389.33	15.39	32.54	18.65	15.39	12.14	8.88	5.63	2.38	-0.88	-4.13	
32	387.24	15.35	32.36	18.59	15.35	12.12	8.88	5.64	2.41	-0.83	-4.06	
33	384.70	15.36	32.14	18.58	15.36	12.15	8.94	5.72	2.51	-0.71	-3.92	
34	381.79	15.32	31.88	18.51	15.32	12.13	8.94	5.75	2.57	-0.62	-3.81	
35	379.79	15.31	31.71	18.48	15.31	12.14	8.97	5.80	2.63	-0.54	-3.71	
36	380.37	15.33	31.77	18.51	15.33	12.16	8.98	5.80	2.63	-0.55	-3.73	
37	380.44	15.40	31.78	18.58	15.40	12.22	9.04	5.87	2.69	-0.49	-3.67	
38	380.86	15.46	31.82	18.64	15.46	12.27	9.09	5.91	2.73	-0.45	-3.64	
39	382.07	15.56	31.93	18.75	15.56	12.36	9.17	5.98	2.78	-0.41	-3.60	
40	383.01	15.67	32.01	18.87	15.67	12.47	9.27	6.06	2.86	-0.34	-3.54	
41	383.87	15.42	32.09	18.63	15.42	12.22	9.01	5.80	2.59	-0.62	-3.83	

Figura nº 6. (Continuación)

En el plano n° 4 se representan las anomalías de Bouguer a densidad de  $2.4 \text{ g/cm}^3$ . El plano incluye las campañas de 1986 y 1987. Es de destacar la consistencia de los resultados de ambas, de forma que no se aprecia discontinuidad o salto alguno entre ellas. Dada la debilidad de las anomalías mineras esperables los valores se presentan sin filtrado alguno.

### 5.2. Magnetometría.

Para la eliminación de ruidos se ha efectuado un filtrado digital pasa-baja de los valores de campo magnético total sobre cada uno de los perfiles de la malla mediante un filtro digital de 7 puntos. En la figura n° 7 aparecen sus coeficientes y su función de transferencia. La figura n° 8 proporciona un ejemplo de un perfil filtrado (el G1). Puede apreciarse que el filtrado es relativamente enérgico, como corresponde a la función de transferencia del filtro utilizado. Obsérvese que al filtrar se pierden las tres estacas de cada extremo de cada perfil.

El plano n° 5 contiene las anomalías de campo magnético total resultantes, incluyendo también la campaña de 1986.

### 5.3. Ficheros resultantes.

El anexo contiene una copia de los ficheros siguientes:

- Ficheros CTMPUE y CTLPUE , para la corrección topográfica por el método de Neuman.

NUMERO DE PUNTOS= 7 GRADO= 2

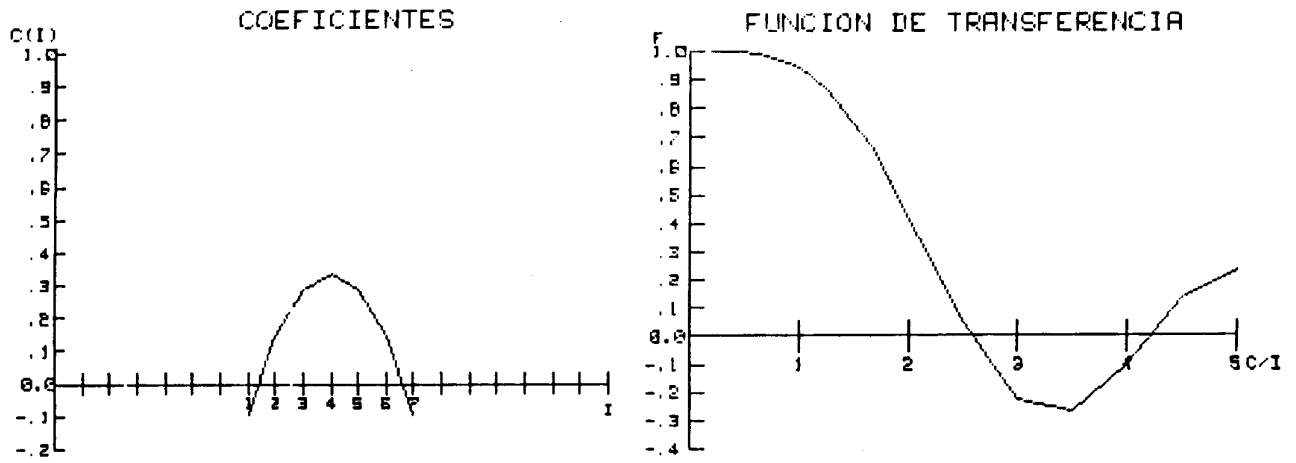


Figura nº 7. Coeficientes y función de transferencia del filtro digital utilizado.

# PERFIL G1 SUAVIZADO CON 7 PUNTOS, GRADO 2

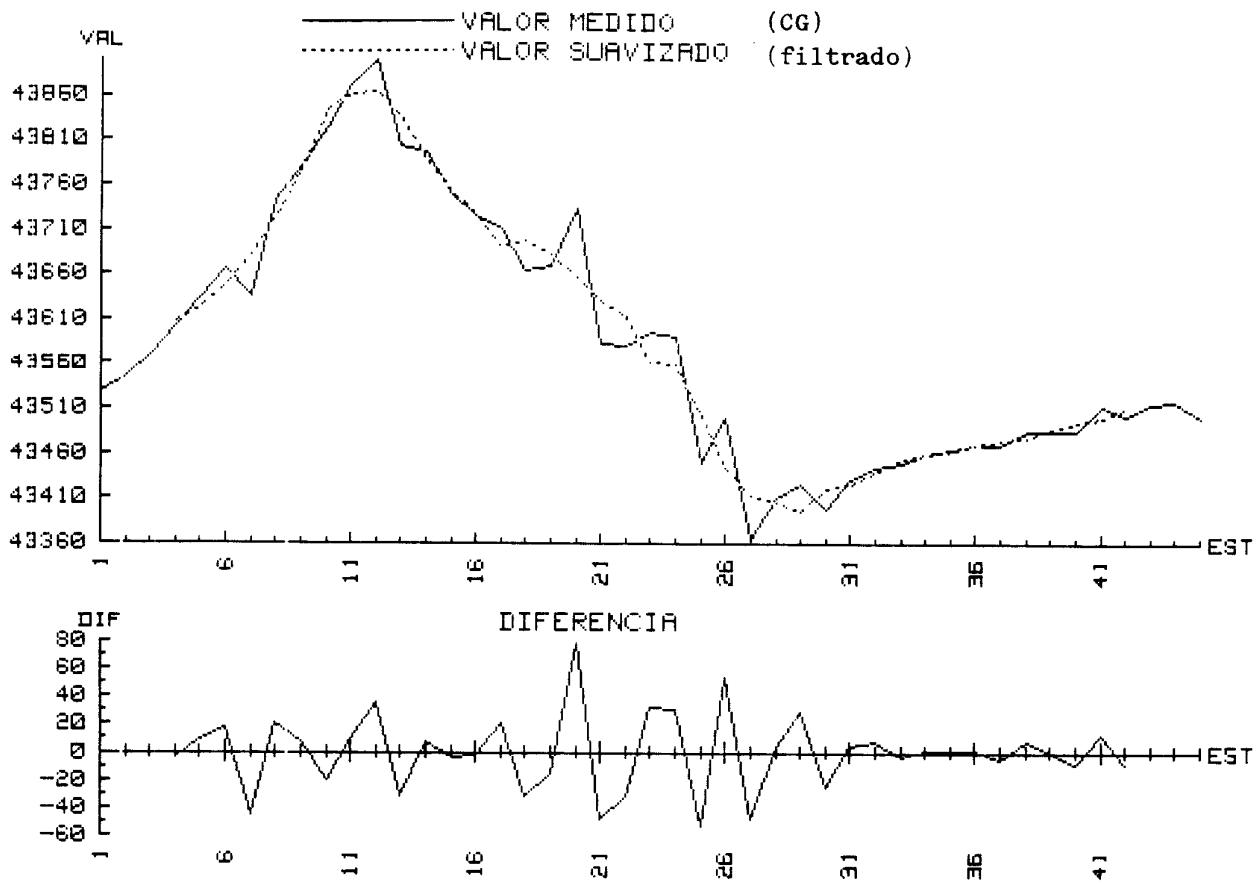


Figura nº 8. Perfil G1 medido y filtrado.

- Fichero GMPR: es el fichero que contiene los datos necesarios para el cálculo de la anomalía de Bouguer (campañas 1986 y 1987). A cada estación (registro) le corresponden las siguientes variables:
  - . Np \$ : nombre del perfil donde se encuentra.
  - . Ne : su nº de orden dentro del perfil.
  - . X,Y : sus coordenadas U.T.M. en m.
  - . Z : su cota en m.
  - . T : su corrección topográfica próxima en cmGal.
  - . G,M : los valores de gravedad (mGal) y campo magnético (nT) medidos en la misma, corregidos según lo dicho en el apartado de metrología. A la gravedad medida G se le ha añadido en el cálculo del Bouguer un valor constante de 930.00 mGal, a fin de que las anomalías de Bouguer resulten positivas.
  
- Fichero GMPRB: contiene los resultados del programa de ordenador que calcula la anomalía de Bouguer. Para cada estación las variables son:
  - . Np \$, Np, X, Y, Z, G: las mismas que en GMPR
  - . T: corrección topográfica total en mGal
  - . GN: gravedad normal  $g_0$  en mGal
  - . A y A1: anomalías de Bouguer en mGal a densidades de reducción 2.0 y 2.4 g/cm<sup>3</sup> respectivamente.
  - . C: constante de conversión de anomalías según la densidad de reducción.
  
- Fichero PRMF: las variables de cada registro son aquí Np\$, Ne, X, Y, Z, M, Mf (campo magnético filtrado) y Dif (diferencia entre M y Mf).

6 . INTERPRETACION

## 6. INTERPRETACION

Empezando con los datos magnéticos y teniendo presente el esquema geológico de la zona investigada, se podrían hacer las siguientes observaciones (Planos n<sup>OS</sup>. 1 y 5):

- Las anomalías magnéticas del plano n<sup>o</sup> 5 presentan un gradiente general N-S aproximadamente perpendicular a los contactos y estructura E-W del plano n<sup>o</sup> 1.
- En el plano n<sup>o</sup> 5 aparecen zonas bien diferenciadas: unas que podríamos denominar "tranquilas", de bajo gradiente, que se relacionarían con los dominios litológicos extensos (v.g. al SE en correspondencia con el anticlinal de rocas detríticas, al NE donde parecen generalizarse las rocas de quimismo intermedio - metabasitas en plano n<sup>o</sup> 1); y - otras más atormentadas, en probable conexión con las interdigitaciones de rocas ácidas/intermedias de la serie volcánica de la zona de trabajo, si bien,
- No existe una correspondencia clara entre las alineaciones de rocas ácidas e intermedias del plano n<sup>o</sup> 1 y las zonas de alto gradiente del plano n<sup>o</sup> 5. Estas zonas anómalas podrían explicarse - si se piensa en un modelo de placas sucesivas de rocas de distinto quimismo ácido - intermedio (interdigitaciones) cuyo contacto daría lugar a las anomalías, lo que llevaría a corregir la cartografía del plano n<sup>o</sup> 5 si se desprecian otros efec-

tos (derivados de variaciones de potencia en profundidad y/o del juego de las fallas que se insinúan en el plano nº 5).

- Como era de esperar la mineralización no se refleja en el mapa magnético (los sulfuros complejos, salvo si existe pirrotita en cantidades apreciables, no producen anomalías magnéticas). Tampoco parece existir marcador magnético alguno que pueda controlar el yacimiento.

En cuanto a los datos gravimétricos (Plano nº 4):

- Zona investigada en 1986 (perfiles A al O): obsérvese que en relación con los planos gravimétricos del informe "Estudio gravimétrico y magnetométrico en el sector de Puebla de la Reina (1986)" el plano nº 4 presenta las anomalías de Bouguer sin filtrar. Aparecen en él 3 anomalías positivas relevantes: la del perfil G (estaciones 19 - 20), la que corresponde a la mineralización (estaciones 30 y 31 de los perfiles H e I) y la del perfil K (estaciones 20 a 29).
- En la prolongación de 1987 son anomalías positivas importantes la situada entre los perfiles B1 y A (estaciones 20 - 21), la de los perfiles S y T (estaciones 56 - 58) y la del perfil W (estaciones 59 - 60).
- Estas anomalías se corresponden ya con anomalías magnéticas positivas (perfil G), ya con negativas (perfiles A y W).



- Todas las anomalías citadas, salvo la del perfil K, se sitúan sobre rocas de quimismo intermedio (metabasitas según la denominación del plano nº 1. Sin embargo también existe alguna anomalía negativa sobre rocas de este tipo -perfil M, estaciones 21 a 23-).
  
- En general el plano ofrece un aspecto ruidoso, con numerosas inflexiones en las curvas debido al juego contacto/falla, lo que constituye un carácter gravimétrico típico de las series volcano-sedimentarias. Si se prolongara la falla del plano nº 1 al W del perfil D tal como se observa en el plano nº 4 (línea a trazos), quedaría un dominio al N de la línea falla-prolongación en el que los gradientes son acusados y no se observan mínimos importantes, lo que se interpretaría como un predominio de las rocas más densas (metabasitas) al N de dicha línea. Esto se ve confirmado por ciertos rasgos del mapa magnético (zona de tranquilidad al N). Parece ser pues que en su conjunto todo el área se podría interpretar en términos de las tres zonas siguientes: la primera al N de la discontinuidad principal con preponderancia de rocas de quimismo intermedio (alto gradiente y ausencia de mínimos en gravimetría, suavización del gradiente magnético), la segunda la zona del anticlinal del SE (plano nº 1), y la tercera situada entre ambas comprendería las anomalías gravimétricas y magnéticas significativas en relación tanto con la discontinuidad principal (y otras secundarias) como con las interdigitacio-

nes de rocas ácidas/intermedias.

- Todo este contexto produce un efecto oscurecedor sobre posibles fuentes de anomalía de carácter minero. (Ver el apartado de interpretación del informe de 1986). Este efecto adquiere gran relevancia cuando en ensayos realizados para separar anomalías gravimétricas regionales y residuales (los datos gravimétricos fueron sometidos al siguiente proceso: giro de la malla, interpolación en malla cuadrada, filtrado digital bidimensional y separación de anomalías. Las anomalías residuales significativas son las que aparecen con el símbolo  $\oplus$  ó  $\ominus$  en el plano nº 4), éstas son siempre inferiores a las 20 cmGal. Es por ello que resulta muy arriesgado señalar como de especial interés alguna de las anomalías citadas en este apartado.

Madrid, Diciembre 1987



Fdo. José Luis García Lobón

A N E X O

Ficheros CTMPUE, CTLPUE, GMPR, GMPRB  
y PRMF.

El nombre del fichero creado es: [REDACTED] contiene 144 registros de 8 bytes y está grabado en la unidad: ":H7,0,1"

Contiene 1 variables en cada registro de las siguientes características:

NOMBRE	TIPO	ORDEN
Ctm	REAL	1

EL ORDEN DE LAS VARIABLES ES: Ctm

0	REG= 1
422.9	REG= 2
423.69	REG= 3
423.34	REG= 4
415.98	REG= 5
410.64	REG= 6
418.69	REG= 7
424.82	REG= 8
420.92	REG= 9
0	REG= 10
414.98	REG= 11
411.61	REG= 12
411.77	REG= 13
407.91	REG= 14
406.44	REG= 15
410.84	REG= 16
408.1	REG= 17
402	REG= 18
404.97	REG= 19
405.52	REG= 20
401.67	REG= 21
397.22	REG= 22
394.89	REG= 23
396.98	REG= 24
390.54	REG= 25
381.47	REG= 26
377.47	REG= 27
394.75	REG= 28
394.6	REG= 29
391.05	REG= 30
387.11	REG= 31
389.12	REG= 32
392.57	REG= 33
385.64	REG= 34
374.55	REG= 35
377.57	REG= 36
391.38	REG= 37
387.37	REG= 38
382.74	REG= 39
381.96	REG= 40
389.27	REG= 41
392.93	REG= 42
382.9	REG= 43
369.72	REG= 44
376.68	REG= 45
387.17	REG= 46
379.84	REG= 47
372.48	REG= 48
376.01	REG= 49
379.83	REG= 50
380.44	REG= 51
374.75	REG= 52
369.24	REG= 53
383.56	REG= 54
373.33	REG= 55
368.82	REG= 56
361.12	REG= 57
363.21	REG= 58
365.11	REG= 59
362.22	REG= 60
365.32	REG= 61
379.6	REG= 62
396.48	REG= 63

0	REG= 64
4.16	REG= 65
5.17	REG= 66
4.87	REG= 67
4.67	REG= 68
3.34	REG= 69
5.31	REG= 70
8.09	REG= 71
11.13	REG= 72
0	REG= 73
3.33	REG= 74
5.02	REG= 75
4.03	REG= 76
3.96	REG= 77
4.7	REG= 78
6.99	REG= 79
14.75	REG= 80
18.93	REG= 81
3.93	REG= 82
3.3	REG= 83
3.29	REG= 84
3.76	REG= 85
4.45	REG= 86
4.45	REG= 87
7.72	REG= 88
9.95	REG= 89
12.03	REG= 90
2.67	REG= 91
3.28	REG= 92
3.38	REG= 93
3.29	REG= 94
3.43	REG= 95
3.44	REG= 96
6.17	REG= 97
9.52	REG= 98
11.84	REG= 99
2.9	REG= 100
3.09	REG= 101
2.75	REG= 102
2.62	REG= 103
3.43	REG= 104
4.08	REG= 105
7.71	REG= 106
9.6	REG= 107
11.29	REG= 108
4.09	REG= 109
4.19	REG= 110
4.1	REG= 111
4.49	REG= 112
4.18	REG= 113
6.4	REG= 114
7.58	REG= 115
10.77	REG= 116
11.22	REG= 117
6.17	REG= 118
5.59	REG= 119
4.72	REG= 120
5.73	REG= 121
7.12	REG= 122
9.7	REG= 123
9.46	REG= 124
12.78	REG= 125
11.81	REG= 126

El nombre del fichero creado es: [REDACTED] contiene 4 registros de 8 bytes y está grabado en la unidad: ":H7,0,1"

Contiene 1 variables en cada registro de las siguientes características:

NOMBRE	TIPO	ORDEN
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Ct1	REAL	1
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El nombre del fichero creado es: CTLPUE; contiene 8 registros de 8 bytes y está grabado en la unidad: ":H7,0,1"

Contiene 1 variables en cada registro de las siguientes características:

NOMBRE	TIPO	ORDEN
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Ct1	REAL	1
-----	------	---

EL ORDEN DE LAS VARIABLES ES: Ct1

390.3	REG= 1
444.15	REG= 2
383.2	REG= 3
414.94	REG= 4
4.8	REG= 5
5.71	REG= 6
4.3	REG= 7
3.65	REG= 8

	1	2	3	4	5	6	7	8	9	
7	373.33 6.17	362.22 5.59	361.12 4.72	363.21 5.73	365.11 7.12	362.22 9.70	365.32 9.46	374.60 12.78	396.48 11.81	7
6	387.17 4.09	379.27 4.19	372.48 4.10	376.01 4.49	374.23 4.18	380.44 6.40	374.75 7.58	369.24 10.77	383.56 11.22	6
5	341.38 2.90	327.32 3.09	322.74 2.75	321.96 2.62	324.27 3.43	392.93 4.08	382.90 7.71	369.72 9.60	376.65 11.29	5
4	344.75 2.67	341.50 3.28	341.05 3.38	327.11 3.29	329.12 3.43	392.57 3.44	385.65 6.17	374.55 9.52	377.57 11.84	4
3	404.47 3.93	405.52 3.30	401.67 3.29	397.22 3.76	397.89 4.45	396.92 4.45	390.54 7.72	381.77 9.95	377.77 12.03	3
2	— —	414.92 3.38	411.61 5.02	411.77 4.03	407.91 3.96	406.44 4.70	410.24 6.99	402.10 14.75	402.00 18.93	2
1	— —	411.9 4.16	403.62 5.17	422.31 4.87	415.92 4.67	410.64 3.34	418.69 5.31	424.82 8.09	420.92 11.13	1
20	7510.00	500								

—  
~~FILE~~

NP \$	Ne	X	Y	Z	T	G	M
G1 1	751057	4283296	400.6	.8	46.1	43527	
G1 2	751074	4283315	401.13	.8	45.89	43545	
G1 3	751091	4283333	402.19	.9	45.79	43569	
G1 4	751109	4283353	402.94	.7	45.62	43602	
G1 5	751126	4283372	402.49	.4	45.52	43632	
G1 6	751144	4283392	403.75	.3	45.53	43665	
G1 7	751160	4283409	403.68	.2	45.43	43635	
G1 8	751176	4283427	403.57	0	45.37	43742	
G1 9	751193	4283445	403.39	0	45.4	43781	
G1 10	751210	4283464	403.17	0	45.49	43824	
G1 11	751225	4283477	402.96	.3	45.6	43872	
G1 12	751243	4283500	402.17	.3	45.93	43899	
G1 13	751260	4283518	401.4	.3	46.17	43803	
G1 14	751276	4283537	400.06	.8	46.53	43796	
G1 15	751292	4283555	398.38	1.1	46.85	43746	
G1 16	751308	4283573	396.47	.8	47.29	43723	
G1 17	751325	4283591	395.15	.7	47.59	43710	
G1 18	751341	4283609	394.15	.6	47.84	43664	
G1 19	751358	4283628	393.69	.6	48	43667	
G1 20	751374	4283646	392.05	.6	48.41	43733	
G1 21	751391	4283664	390.1	.7	48.8	43582	
G1 22	751408	4283683	388.39	.7	49.16	43580	
G1 23	751425	4283701	387.46	.4	49.42	43594	
G1 24	751442	4283720	386.58	.6	49.56	43590	
G1 25	751459	4283739	385.65	.3	49.84	43450	
G1 26	751475	4283757	384.73	.2	50.06	43499	
G1 27	751492	4283775	384.03	.4	50.29	43364	
G1 28	751509	4283793	383.23	.6	50.54	43411	
G1 29	751526	4283813	381.8	.5	50.9	43426	
G1 30	751543	4283832	380.82	.8	51.28	43397	
G1 31	751559	4283850	380.05	.8	51.4	43431	
G1 32	751576	4283868	379.36	.8	51.22	43445	
G1 33	751592	4283886	378.16	.8	51.88	43450	
G1 34	751609	4283904	377.25	.7	52.26	43460	
G1 35	751625	4283922	376.5	.3	52.42	43464	
G1 36	751643	4283940	375.62	.5	52.65	43469	
G1 37	751658	4283960	374.35	.5	52.96	43469	
G1 38	751674	4283978	373.7	.2	53.18	43485	
G1 39	751691	4283997	373.05	.3	53.39	43486	
G1 40	751708	4284015	372.48	.3	53.57	43486	
G1 41	751724	4284033	372.2	.4	53.73	43514	
G1 42	751741	4284052	372.05	.5	53.8	43502	
G1 43	751758	4284070	371.87	.6	53.86	43516	
G1 44	751774	4284089	372.04	.4	53.93	43517	
G1 45	751790	4284106	371.8	.6	54.06	43499	
F1 1	751133	4283232	396.82	1.2	46.77	43515	
F1 2	751149	4283250	398.08	1.6	46.54	43537	
F1 3	751166	4283268	399.14	1.5	46.33	43556	
F1 4	751182	4283286	400.62	1.7	46.11	43575	
F1 5	751199	4283305	401.9	1.6	45.86	43605	
F1 6	751216	4283323	402.97	1	45.66	43633	
F1 7	751232	4283341	403.13	.7	45.51	43661	
F1 8	751249	4283359	403.28	.3	45.51	43703	
F1 9	751266	4283378	403.19	.3	45.43	43761	
F1 10	751283	4283396	403.07	.3	45.5	43786	
F1 11	751299	4283415	403.03	.3	45.42	43788	
F1 12	751316	4283433	402.71	.3	45.63	43801	
F1 13	751332	4283451	402.36	.2	45.89	43760	
F1 14	751349	4283469	401.92	.3	46.02	43752	
F1 15	751366	4283489	401.17	.5	46.28	43740	
F1 16	751382	4283506	400.28	.8	46.44	43750	
F1 17	751399	4283525	398.67	3.1	46.81	43705	
F1 18	751416	4283542	397.17	1.3	47.12	43699	
F1 19	751432	4283562	395.51	1.2	47.44	43651	
F1 20	751449	4283580	394.36	.9	47.75	43648	
F1 21	751466	4283599	393.34	1.2	48.05	43705	
F1 22	751482	4283617	392.63	1	48.24	43655	
F1 23	751499	4283636	391.39	.8	48.48	43585	
F1 24	751516	4283655	390.02	.9	48.79	43558	
F1 25	751532	4283674	388.54	.9	49.15	43551	
F1 26	751548	4283692	388.23	.9	49.35	43695	

GMPR



F1 27	751565	4283711	388.3	.9	49.29	43378
F1 28	751581	4283729	387.82	1	49.7	43413
F1 29	751598	4283747	386.75	1.1	49.98	43418
F1 30	751615	4283766	385.74	3.5	50.27	43433
F1 31	751632	4283784	383.14	.9	50.84	43442
F1 32	751648	4283802	381.41	1.2	51.26	43463
F1 33	751665	4283820	379.88	1.1	51.62	43452
F1 34	751682	4283839	378.87	.8	51.81	43461
F1 35	751698	4283857	378.1	.8	52.05	43464
F1 36	751715	4283875	378.34	.8	52.07	43472
F1 37	751731	4283894	379.22	1.1	51.97	43476
F1 38	751747	4283912	379.79	.9	51.93	43479
F1 39	751764	4283930	379.86	.9	51.99	43484
F1 40	751781	4283949	379.03	1.3	52.17	43493
F1 41	751798	4283967	378.13	.8	52.4	43499
F1 42	751814	4283986	377.19	.8	52.66	43515
F1 43	751831	4284004	376.44	.8	52.85	43548
F1 44	751847	4284022	375.78	.6	53.09	43523
F1 45	751865	4284041	375.43	.6	53.22	43538
E1 1	751208	4283163	395.91	.6	46.81	43501
E1 2	751224	4283182	396.75	.7	46.68	43514
E1 3	751240	4283200	397.98	.7	46.48	43529
E1 4	751257	4283219	399.38	1	46.22	43549
E1 5	751274	4283237	400.22	1	45.98	43562
E1 6	751291	4283255	401.05	.8	45.88	43579
E1 7	751308	4283274	401.56	.7	45.77	43601
E1 8	751324	4283292	401.6	.3	45.66	43634
E1 9	751341	4283311	401.69	.4	45.57	43668
E1 10	751357	4283329	401.54	.3	45.64	43702
E1 11	751373	4283348	401.25	.5	45.78	43732
E1 12	751389	4283366	401.22	.6	45.85	43750
E1 13	751406	4283384	401.21	.3	45.93	43750
E1 14	751422	4283402	401.11	.5	45.99	43757
E1 15	751441	4283422	400.86	.6	46.13	43766
E1 16	751456	4283439	401.29	.6	46.35	43774
E1 17	751472	4283457	399.36	.8	46.58	43790
E1 18	751489	4283476	398.45	.5	46.79	43709
E1 19	751506	4283495	397.82	.6	46.96	43711
E1 20	751523	4283513	396.83	.8	47.26	43706
E1 21	751539	4283532	395.66	.5	47.55	43737
E1 22	751556	4283550	394.97	.7	47.75	43586
E1 23	751572	4283568	394.11	.4	47.77	43613
E1 24	751589	4283587	393.88	.3	48.02	43575
E1 25	751606	4283605	393.19	.3	48.18	43593
E1 26	751622	4283624	392.72	.3	48.33	43545
E1 27	751639	4283642	392.05	.2	48.53	43494
E1 28	751656	4283661	391.01	.3	48.91	43416
E1 29	751672	4283680	389.72	.6	49.27	43417
E1 30	751689	4283699	388.28	1	49.58	43429
E1 31	751707	4283718	386.73	1.3	50.02	43438
E1 32	751723	4283736	385.22	1.1	50.36	43447
E1 33	751740	4283755	384.28	1	50.67	43453
E1 34	751757	4283773	383.02	1.8	50.97	43455
E1 35	751773	4283792	382.78	.6	51.07	43462
E1 36	751789	4283811	383.52	.8	51	43468
E1 37	751808	4283830	384.48	1	50.91	43474
E1 38	751823	4283847	384.55	1.9	50.96	43475
E1 39	751840	4283866	383.58	2.1	51.21	43480
E1 40	751857	4283884	382.14	1.7	51.56	43485
E1 41	751873	4283903	380.06	1.6	51.91	43490
E1 42	751890	4283921	378.36	1.8	52.47	43492
E1 43	751907	4283939	376.8	1.4	52.75	43494
E1 44	751923	4283957	375.33	1.3	53.12	43496
E1 45	751940	4283975	374.24	1	53.38	43499
D1 1	751284	4283096	397.2	.3	46.44	43512
D1 2	751301	4283114	397.36	.5	46.44	43514
D1 3	751317	4283132	398.62	.6	46.28	43529
D1 4	751334	4283150	399.54	.7	46.09	43529
D1 5	751350	4283169	400.4	.5	45.94	43556
D1 6	751366	4283187	399.97	.4	45.84	43571
D1 7	751383	4283205	400.82	.4	45.91	43588

D1 8	751399	4283223	400.33	.2	45.96	43608
D1 9	751416	4283242	399.65	.5	46	43626
D1 10	751432	4283261	398.94	.6	46.11	43660
D1 11	751449	4283279	398.47	.7	46.24	43687
D1 12	751466	4283298	397.63	.6	46.44	43714
D1 13	751482	4283316	396.78	.9	46.69	43743
D1 14	751498	4283335	396	.9	46.96	43749
D1 15	751515	4283354	395.32	1	47.08	43770
D1 16	751532	4283372	394.57	1.1	47.41	43783
D1 17	751548	4283389	393.88	1.1	47.54	43751
D1 18	751564	4283407	393.28	.9	47.77	43865
D1 19	751582	4283426	392.86	.9	47.89	43635
D1 20	751598	4283444	392.76	1.1	48.06	43680
D1 21	751616	4283463	392.09	1.3	48.22	43655
D1 22	751632	4283481	392.53	1.4	48.23	43616
D1 23	751649	4283500	392.43	4.1	48.27	43680
D1 24	751666	4283518	392.96	1.5	48.22	43649
D1 25	751682	4283536	392.27	1.3	48.33	43588
D1 26	751699	4283555	391.66	1.3	48.55	43541
D1 27	751716	4283573	391.19	1.1	48.7	43539
D1 28	751733	4283592	389.68	3.2	49.11	43402
D1 29	751749	4283610	388.2	.8	49.51	43366
D1 30	751764	4283632	386.59	.9	49.9	43410
D1 31	751782	4283646	385.26	.9	50.17	43426
D1 32	751799	4283665	384.25	.8	50.44	43446
D1 33	751815	4283683	383.3	.9	50.72	43441
D1 34	751832	4283702	382.23	.8	50.97	43452
D1 35	751849	4283720	381.12	.7	51.24	43454
D1 36	751866	4283739	380.07	.9	51.55	43458
D1 37	751882	4283758	379.53	1	51.72	43466
D1 38	751897	4283774	378.72	.9	51.92	43469
D1 39	751915	4283794	377.7	.8	52.27	43469
D1 40	751932	4283812	376.87	.7	52.44	43470
D1 41	751948	4283831	375.97	.7	52.68	43481
D1 42	751965	4283849	375.12	.5	52.95	43475
D1 43	751982	4283869	373.92	.5	53.23	43465
D1 44	751993	4283885	373.07	.4	53.54	43455
C1 1	751355	4283024	398.79	.6	46.06	43531
C1 2	751370	4283040	398.86	.5	46	43521
C1 3	751386	4283058	399.39	.7	45.92	43515
C1 4	751403	4283077	400.18	.7	45.93	43526
C1 5	751419	4283095	401.29	.6	45.79	43542
C1 6	751436	4283113	401.82	.2	45.68	43558
C1 7	751453	4283132	401.73	.2	45.68	43573
C1 8	751469	4283150	401.64	.2	45.62	43589
C1 9	751486	4283169	401.17	.2	45.7	43598
C1 10	751502	4283188	400.7	.3	45.78	43620
C1 11	751519	4283206	400.5	.5	45.76	43641
C1 12	751535	4283225	400.35	.5	45.76	43671
C1 13	751552	4283243	399.47	.6	46.03	43713
C1 14	751570	4283264	398.66	.4	46.38	43766
C1 15	751587	4283284	398.03	.6	46.58	43958
C1 16	751603	4283302	397.06	1.1	46.83	43898
C1 17	751620	4283321	396.36	1.2	47.03	43815
C1 18	751637	4283340	395.51	1.6	47.34	43904
C1 19	751654	4283359	394.11	1.7	47.64	43876
C1 20	751670	4283377	393.06	1.5	47.84	43729
C1 21	751687	4283396	391.54	1.4	48.21	43664
C1 22	751704	4283415	389.9	1.7	48.62	43652
C1 23	751721	4283434	387.93	1.4	49.05	43590
C1 24	751737	4283453	387.18	1.1	49.23	43639
C1 25	751754	4283471	386.85	1.1	49.34	43536
C1 26	751771	4283489	386.75	1	49.4	43579
C1 27	751788	4283508	386.06	1.1	49.55	43511
C1 28	751804	4283526	385.41	1.1	49.83	43672
C1 29	751821	4283545	384.74	1.1	50.01	43332
C1 30	751838	4283566	384.1	.9	50.2	43369
C1 31	751854	4283582	383.06	.9	50.46	43394
C1 32	751872	4283601	381.67	.9	50.83	43411
C1 33	751888	4283619	380.62	.8	51.06	43424
C1 34	751905	4283638	379.64	.7	51.34	43433

C1 35	751921	4283656	378.81	.5	51.6	43443
C1 36	751938	4283674	378.84	.5	51.85	43451
C1 37	751954	4283692	377.41	.4	51.99	43456
C1 38	751971	4283710	376.8	.3	52.14	43462
C1 39	751987	4283729	375.89	.4	52.44	43468
C1 40	752004	4283747	375.44	.4	52.6	43471
C1 41	752021	4283766	375.09	.3	52.72	43478
C1 42	752037	4283784	374.96	.3	52.77	43486
C1 43	752054	4283803	375.04	.2	52.9	43429
B1 1	751430	4282960	401.11	.3	45.5	43602
B1 2	751446	4282978	402.06	.3	45.36	43596
B1 3	751462	4282997	402.53	.4	45.27	43570
B1 4	751479	4283015	402.82	.4	45.25	43351
B1 5	751496	4283034	403.31	.3	45.23	43527
B1 6	751512	4283052	403.63	.3	45.17	43537
B1 7	751529	4283070	403.2	.2	45.32	43551
B1 8	751546	4283089	402.83	0	45.48	43565
B1 9	751564	4283108	402.1	0	45.59	43577
B1 10	751581	4283127	401.82	0	45.57	43595
B1 11	751598	4283146	401.08	.1	45.64	43614
B1 12	751614	4283164	400.62	.2	45.76	43636
B1 13	751631	4283183	399.73	.3	45.96	43656
B1 14	751647	4283202	398.99	.4	46.27	43700
B1 15	751664	4283219	398.31	.4	46.41	43736
B1 16	751681	4283239	397.58	.5	46.6	43773
B1 17	751697	4283258	396.78	.5	46.88	43823
B1 18	751714	4283276	395.87	.6	47.14	43795
B1 19	751730	4283294	394.79	.6	47.55	43800
B1 20	751746	4283313	393.52	.6	47.92	43714
B1 21	751763	4283332	392.38	.7	48.04	43793
B1 22	751779	4283350	391.17	.8	48.35	43755
B1 23	751796	4283369	390.17	.9	48.58	43675
B1 24	751813	4283388	388.98	.8	48.82	43713
B1 25	751829	4283406	387.58	.8	49.18	43662
B1 26	751845	4283424	386.57	.6	49.41	43530
B1 27	751862	4283443	385.62	.5	49.67	43507
B1 28	751879	4283461	384.39	.6	49.9	43555
B1 29	751895	4283480	383.22	.6	50.18	43482
B1 30	751912	4283498	382.43	.4	50.43	43266
B1 31	751930	4283516	381.39	.6	50.68	43331
B1 32	751944	4283540	380.76	.7	50.88	43376
B1 33	751963	4283553	380.03	.3	51.1	43393
B1 34	751979	4283572	379.42	.3	51.28	43407
B1 35	751997	4283589	378.97	.2	51.55	43416
B1 36	752013	4283608	378.33	0	51.61	43430
B1 37	752028	4283625	377.85	0	51.69	43434
B1 38	752044	4283643	377.8	0	51.71	43442
B1 39	752063	4283664	377.69	0	51.77	43446
B1 40	752079	4283682	377.85	0	51.88	43448
B1 41	752094	4283700	378.05	0	51.93	43428
A1 1	751503	4282895	405.4	.5	44.6	43580
A1 2	751519	4282914	405.48	.3	44.58	43581
A1 3	751537	4282933	405.44	.2	44.63	43577
A1 4	751554	4282952	405.58	.3	44.66	43570
A1 5	751571	4282970	405.18	.3	44.77	43572
A1 6	751588	4282989	404.66	.5	44.9	43558
A1 7	751605	4283007	404.09	.4	45.01	43560
A1 8	751622	4283026	402.97	.4	45.29	43567
A1 9	751638	4283045	402.05	.6	45.46	43568
A1 10	751655	4283063	401.31	.6	45.58	43572
A1 11	751673	4283082	400.67	.6	45.66	43586
A1 12	751689	4283100	400.22	.6	45.71	43604
A1 13	751706	4283118	399.61	.6	45.91	43620
A1 14	751722	4283136	398.73	.7	46.09	43650
A1 15	751738	4283154	397.88	.7	46.38	43681
A1 16	751754	4283173	397.24	.9	46.64	43711
A1 17	751770	4283191	396.54	.7	46.81	43723
A1 18	751787	4283210	395.52	.8	47.08	43725
A1 19	751804	4283228	394.54	.8	47.42	43685
A1 20	751820	4283247	393.5	.7	47.78	43781
A1 21	751836	4283266	392.22	.7	48.02	43721

A1 22	751853	4283284	391.05	.6	48.29	43737
A1 23	751870	4283303	390.18	.5	48.51	43816
A1 24	751886	4283321	389.23	.7	48.77	43872
A1 25	751903	4283340	388.52	.8	48.91	43801
A1 26	751920	4283359	387.06	.5	49.23	43665
A1 27	751939	4283379	385.74	.5	49.53	43604
A1 28	751952	4283395	384.67	.3	49.72	43554
A1 29	751969	4283414	383.47	.3	49.99	43501
A1 30	751986	4283432	382.44	.3	50.24	43521
A1 31	752003	4283451	381.6	.3	50.43	43343
A1 32	752019	4283469	380.9	.1	50.65	43360
A1 33	752036	4283487	380.49	.2	50.87	43370
A1 34	752072	4283519	380.21	.4	51.01	43381
A 1	751619	4282871	405.65	1	44.61	43566
A 2	751634	4282888	404.76	1	44.83	43566
A 3	751649	4282904	403.87	1.2	45	43564
A 4	751664	4282922	403.01	1.2	45.18	43568
A 5	751680	4282939	402.08	1.4	45.42	43562
A 6	751695	4282956	401.01	.9	45.62	43561
A 7	751710	4282973	400.26	.8	45.92	43565
A 8	751726	4282990	399.56	.8	45.91	43564
A 9	751741	4283007	398.56	1.1	46.14	43567
A 10	751757	4283024	398.04	.8	46.18	43574
A 11	751772	4283041	397.54	.6	46.34	43591
A 12	751787	4283058	397.04	.7	46.42	43612
A 13	751803	4283075	396.61	.8	46.53	43649
A 14	751818	4283092	396.12	.5	46.73	43677
A 15	751834	4283109	395.58	.6	46.9	43702
A 16	751849	4283126	395.07	.5	47.1	43736
A 17	751865	4283143	394.67	.4	47.24	43779
A 18	751880	4283161	393.99	.4	47.39	43755
A 19	751895	4283177	393.25	.4	47.71	43648
A 20	751911	4283194	392.4	.5	48.03	43610
A 21	751926	4283211	391.01	.8	48.4	43619
A 22	751939	4283227	390.1	.6	48.54	43684
A 23	751955	4283245	388.7	1	48.77	42786
A 24	751970	4283262	387.96	.4	48.94	43718
A 25	751984	4283278	387.13	.5	49.11	43840
A 26	752000	4283296	386.33	1.1	49.26	43566
A 27	752014	4283311	385.39	.3	49.5	43602
A 28	752029	4283329	384.57	.3	49.68	46792
A 29	752044	4283346	383.8	.4	49.85	46841
A 30	752060	4283364	383.17	.4	50	43462
A 31	752077	4283384	382.5	0	50.25	43362
A 32	752093	4283402	381.88	.2	50.29	43370
A 33	752110	4283420	381.53	.2	50.46	43358
A 34	752126	4283439	381.33	0	50.63	43306
A 35	752139	4283454	381.55	0	50.66	43300
B 1	751677	4282793	407.61	.7	44.17	43616
B 2	751693	4282811	406.58	1	44.46	43617
B 3	751709	4282827	405.14	.8	44.76	43615
B 4	751724	4282844	403.83	.9	45.03	43589
B 5	751739	4282860	403.14	.8	45.21	43572
B 6	751755	4282877	402.81	.8	45.24	43571
B 7	751770	4282893	402.2	.9	45.39	43574
B 8	751787	4282910	401.25	.9	45.59	43580
B 9	751802	4282927	400.62	1.3	45.69	43587
B 10	751818	4282944	399.84	1.4	45.82	43581
B 11	751834	4282961	399.23	1.1	45.95	43589
B 12	751850	4282977	398.29	1.3	46.19	43603
B 13	751866	4282993	397.52	1.1	46.22	43619
B 14	751880	4283010	396.8	1.8	46.3	43648
B 15	751896	4283026	395.89	2.2	46.56	43684
B 16	751917	4283050	395.61	1.4	46.77	43716
B 17	751934	4283068	394.35	.8	47.13	43745
B 18	751950	4283086	393.31	1.1	47.45	43748
B 19	751965	4283103	392.94	1.2	47.69	43830
B 20	751981	4283120	391.61	1.4	48.02	43717
B 21	751996	4283138	390.46	1.3	48.21	43655
B 22	752012	4283156	389.03	1.1	48.48	43705
B 23	752028	4283173	387.88	1.2	48.74	43788

B 24	752043	4283191	386.51	1.3	49.02	45814
B 25	752059	4283209	384.58	.9	49.43	46897
B 26	752075	4283227	383.26	.9	49.76	43529
B 27	752090	4283245	381.95	1.1	50	43726
B 28	752105	4283261	380.89	.6	50.27	43559
B 29	752120	4283278	379.91	.8	50.5	43577
B 30	752135	4283297	378.78	1.1	50.69	43648
C 1	751751	4282722	406.27	1.3	44.39	43616
C 2	751766	4282739	404.72	1.3	44.78	43627
C 3	751781	4282756	403.92	1.3	44.94	43646
C 4	751796	4282772	403.16	1.5	45.08	43651
C 5	751811	4282788	402.12	1.6	45.32	43610
C 6	751826	4282805	400.02	1.5	45.74	43596
C 7	751842	4282822	399.02	1.5	45.94	43607
C 8	751857	4282838	398.14	2.4	46.13	43628
C 9	751872	4282855	396.17	2.6	46.5	43588
C 10	751887	4282871	394.29	2.2	46.88	43591
C 11	751902	4282888	393.97	1.7	46.93	43612
C 12	751918	4282905	395.38	4.2	46.58	43633
C 13	751935	4282924	393.91	.9	46.85	43648
C 14	751950	4282940	393.55	1	46.87	43668
C 15	751966	4282957	392.97	.8	47.05	43705
C 16	751981	4282974	392.98	1.4	46.63	43751
C 17	751997	4282992	392.8	1.1	47.31	43812
C 18	752014	4283011	392.74	.8	47.36	43810
C 19	752030	4283029	392.57	1.3	47.46	43804
C 20	752046	4283048	391.09	1	47.83	43873
C 21	752062	4283066	389.84	.8	48.12	46610
C 22	752078	4283083	388.68	.8	48.36	45922
C 23	752094	4283101	387.75	.8	48.6	43717
C 24	752110	4283119	386.9	.8	48.82	43877
C 25	752126	4283137	385.45	1.7	49.12	43721
C 26	752142	4283155	383.76	1.9	49.46	43718
C 27	752159	4283173	381.32	1.4	50	43824
C 28	752175	4283192	378.93	1.5	50.55	43842
C 29	752193	4283212	377.1	2.6	50.89	43938
C 30	752211	4283231	380.14	1.4	50.33	45080
D 1	751845	4282664	406.66	1.6	44.15	43618
D 2	751860	4282681	405.02	1.5	44.53	43646
D 3	751876	4282699	403.83	1.5	44.75	43688
D 4	751891	4282716	402.34	1.5	45.1	43661
D 5	751906	4282733	400.47	1.8	45.52	43649
D 6	751921	4282750	398.24	1.9	45.97	43628
D 7	751936	4282767	396.67	1.8	46.24	43641
D 8	751951	4282784	394.52	1.1	46.7	43599
D 9	751966	4282801	393.83	3.4	46.76	43628
D 10	751982	4282819	391.41	.8	47.31	43616
D 11	751997	4282837	390.85	.5	47.32	43635
D 12	752013	4282854	390.56	.5	47.33	43656
D 13	752028	4282871	389.76	.4	47.51	43678
D 14	752043	4282889	388.54	.4	47.89	43710
D 15	752058	4282906	387.53	.4	48.14	43780
D 16	752074	4282924	387.17	.6	48.25	45984
D 17	752089	4282941	387.01	.7	48.39	45962
D 18	752105	4282958	387.93	1.2	48.23	43870
D 19	752120	4282975	386.83	1.7	48.47	43893
D 20	752135	4282993	385.74	1.7	48.78	43835
D 21	752149	4283009	384.38	1.8	49.07	43959
D 22	752165	4283027	383.2	1.9	49.35	43859
D 23	752180	4283044	381.78	2.3	49.64	43912
D 24	752195	4283062	380.47	2	49.92	43971
D 25	752210	4283079	379.49	1.7	50.15	43881
D 26	752225	4283097	380.24	1.6	50.02	44217
D 27	752240	4283114	381.47	1.4	49.82	43941
D 28	752255	4283131	383.85	1.8	49.43	43923
D 29	752270	4283148	384.4	1.3	49.43	44294
D 30	752285	4283165	383.85	1.3	49.54	43710
D 31	752300	4283183	382.8	1	49.73	43825
D 32	752315	4283200	381.81	1.4	49.96	43571
D 33	752331	4283218	380.33	1	50.24	43422
D 34	752346	4283236	378.94	1.2	50.64	43451

D 35	752362	4283253	377.65	2.3	50.87	44859
E 1	751911	4282594	408.48	2.3	43.3	43630
E 2	751927	4282612	406.22	2.3	44.16	43637
E 3	751942	4282629	403.64	3.8	44.79	43647
E 4	751959	4282648	402.49	1.5	45	43670
E 5	751975	4282665	400.52	1.4	45.38	43671
E 6	751990	4282682	398.85	1	45.74	43639
E 7	752006	4282699	397.43	.9	46.02	43655
E 8	752021	4282716	396.32	.8	46.27	43653
E 9	752037	4282733	394.85	.8	46.54	43636
E 10	752052	4282751	393.02	.9	46.91	43600
E 11	752068	4282769	391.95	.9	46.92	43625
E 12	752083	4282785	390.33	.7	47.28	43646
E 13	752097	4282802	389.19	1.7	47.49	43858
E 14	752113	4282819	387.02	.4	48	43811
E 15	752128	4282836	385.83	.3	48.36	43740
E 16	752143	4282853	384.68	.2	48.67	43783
E 17	752159	4282870	384.05	.2	48.87	43847
E 18	752175	4282888	383.25	.3	49.05	43907
E 19	752190	4282905	382.95	1	49.16	43885
E 20	752206	4282922	383.56	.9	49.08	44044
E 21	752221	4282939	383.55	1.1	48.94	44028
E 22	752237	4282956	383.68	.8	49.12	43879
E 23	752252	4282973	383.92	1.1	49.1	43925
E 24	752267	4282990	384.2	.9	49.12	44115
E 25	752283	4283007	385.19	.9	48.94	43905
E 26	752297	4283024	386.38	.7	48.78	44138
E 27	752312	4283043	386.8	.7	48.73	43945
E 28	752328	4283060	385.55	.6	49.01	43972
E 29	752343	4283078	384.05	.8	49.38	43955
E 30	752359	4283096	382.51	.8	49.65	43685
E 31	752375	4283113	380.86	.7	50	43859
E 32	752392	4283131	379.5	.6	50.29	43795
E 33	752408	4283149	378.46	.4	50.49	43517
E 34	752421	4283164	377.44	.5	50.74	43441
E 35	752438	4283183	376.01	.4	51.22	0
E 36	752455	4283202	375.13	1	51.5	0
E 37	752473	4283221	375.58	2.8	51.36	0
E 38	752488	4283237	375.74	.8	51.22	0
E 39	752503	4283255	376.67	.5	51.15	0
E 40	752519	4283272	377.67	.4	51.03	0
E 41	752534	4283289	378.92	.5	50.96	0
F 1	751974	4282527	405.53	2.2	44.48	43622
F 2	751990	4282544	403.35	1.6	44.84	43628
F 3	752005	4282561	401.51	1.3	45.21	43663
F 4	752021	4282579	399.93	1.1	45.55	43641
F 5	752037	4282595	398.12	1.1	45.89	43654
F 6	752053	4282613	396.8	.8	46.09	43747
F 7	752069	4282630	395.14	1	46.52	43720
F 8	752084	4282647	393.45	1.2	46.73	43716
F 9	752100	4282664	392.68	1.2	46.85	43890
F 10	752116	4282681	391.41	.5	47.14	43898
F 11	752132	4282699	390.61	.4	47.3	43644
F 12	752141	4282716	389.74	.3	47.5	43628
F 13	752163	4282733	388.13	.3	47.67	43644
F 14	752179	4282750	387.07	.5	47.86	43669
F 15	752194	4282767	385.99	.5	48.24	43716
F 16	752210	4282783	385.43	.6	48.44	43780
F 17	752226	4282801	384.81	1.8	48.63	43797
F 18	752241	4282818	387.28	1.2	48.2	43719
F 19	752257	4282835	389.17	.7	47.85	43827
F 20	752273	4282852	389.43	.4	47.62	43903
F 21	752288	4282869	389.58	.3	47.86	43999
F 22	752304	4282886	389.88	.3	47.83	44061
F 23	752320	4282904	389.55	.2	47.93	44040
F 24	752336	4282922	388.93	.2	48.09	44079
F 25	752353	4282940	387.76	.2	48.28	43708
F 26	752368	4282957	386.85	.3	48.5	43966
F 27	752384	4282975	386.03	.2	48.67	43804
F 28	752400	4282992	385.02	.4	48.95	43804
F 29	752416	4283010	383.68	.3	49.24	43968

F 30	752433	4283029	382.33	.4	49.53	44030
F 31	752451	4283045	380.86	.5	49.83	43641
F 32	752468	4283063	379.56	.5	50.1	43771
F 33	752484	4283081	377.89	.5	50.43	43559
F 34	752501	4283099	375.97	.4	50.66	43426
F 35	752519	4283116	375.09	.6	50.9	43526
F 36	752531	4283131	376.14	1.1	50.83	43505
F 37	752549	4283151	376.78	.7	50.84	43501
F 38	752565	4283169	377.61	.7	50.75	43485
F 39	752582	4283187	378.54	.7	50.69	43471
F 40	752596	4283203	379.71	.6	50.56	43472
F 41	752614	4283223	381.67	.6	50.29	43799
G 1	752020	4282433	403.91	.7	44.59	43643
G 2	752037	4282451	403.63	.5	44.66	43641
G 3	752053	4282470	403.18	.3	44.76	43638
G 4	752070	4282488	402.91	.4	44.77	43641
G 5	752087	4282506	402.34	.2	44.93	43653
G 6	752104	4282524	401.03	.4	45.17	43676
G 7	752121	4282543	399.37	.5	45.51	45994
G 8	752138	4282561	397.69	.5	45.87	46839
G 9	752154	4282579	396.1	.3	46.17	43659
G 10	752171	4282598	394.21	.5	46.54	43647
G 11	752188	4282616	393	.5	46.75	43651
G 12	752204	4282633	392.37	.5	46.92	43647
G 13	752221	4282652	390.95	.4	47.22	43619
G 14	752239	4282670	389.56	.4	47.55	43634
G 15	752256	4282688	388.34	.3	47.73	46840
G 16	752273	4282707	386.92	.7	48.07	46739
G 17	752289	4282724	386.43	1.7	48.23	46862
G 18	752307	4282742	388.55	2.3	47.89	43970
G 19	752323	4282760	390.97	1.2	47.54	44132
G 20	752340	4282778	391.39	.9	47.49	44208
G 21	752357	4282796	390.32	.4	47.66	43871
G 22	752374	4282814	388.58	.4	47.99	43769
G 23	752391	4282832	387.13	.6	48.29	44061
G 24	752407	4282850	386.07	.4	48.55	43848
G 25	752424	4282868	385.12	.3	48.72	44065
G 26	752440	4282886	384.34	.3	48.96	44231
G 27	752457	4282904	383.39	.5	49.15	43725
G 28	752474	4282922	382.5	.4	49.32	43658
G 29	752491	4282940	381.45	.5	49.59	43889
G 30	752508	4282960	380.29	.5	49.81	43807
G 31	752525	4282979	379.32	.3	50.1	43489
G 32	752541	4282997	378.42	.4	50.35	43785
G 33	752558	4283015	377.68	.5	50.52	43667
G 34	752575	4283033	376.47	.6	50.82	43656
G 35	752593	4283052	376.4	1	50.81	43646
G 36	752610	4283069	377	.4	50.75	43615
G 37	752626	4283087	377.69	.6	50.67	43539
G 38	752643	4283106	379.03	.6	50.48	43531
G 39	752660	4283124	380.51	.6	50.28	43508
G 40	752677	4283142	382.36	.9	50.05	43508
G 41	752693	4283159	383.76	.7	49.78	43504
H 1	752101	4282362	402.89	1.1	44.82	43630
H 2	752118	4282380	400.72	.9	45.27	43623
H 3	752134	4282398	399.28	.8	45.54	46920
H 4	752150	4282416	398.5	.7	45.6	46859
H 5	752167	4282435	397.84	.6	45.69	43618
H 6	752183	4282453	397.28	.7	45.55	43633
H 7	752200	4282472	396.71	.6	46.05	43629
H 8	752217	4282491	395.64	.7	46.19	43635
H 9	752234	4282509	394.24	.5	46.51	43624
H 10	752250	4282527	392.79	.7	46.76	43643
H 11	752268	4282546	391.13	1	47.12	43708
H 12	752284	4282564	389.28	2.2	47.5	43654
H 13	752300	4282582	389.58	1	47.47	43643
H 14	752318	4282602	391.56	1.2	47.12	43601
H 15	752335	4282620	391.34	1.3	47.17	43626
H 16	752351	4282638	392.31	.9	47.09	43702
H 17	752368	4282656	392.79	.8	47.04	43683
H 18	752384	4282674	392.87	.5	47.02	43680

H 19	752401	4282692	392.51	.4	47.01	43727
H 20	752417	4282710	392.03	.4	47.12	43974
H 21	752434	4282729	390.78	.7	47.43	43857
H 22	752450	4282747	389.81	.4	47.63	43893
H 23	752467	4282765	388.54	.5	47.85	43848
H 24	752483	4282783	387.38	.3	48.12	43775
H 25	752499	4282801	386.68	.2	48.31	43834
H 26	752516	4282819	385.56	.2	48.56	43957
H 27	752532	4282838	384.72	0	48.71	43640
H 28	752548	4282855	384.12	.3	48.94	43734
H 29	752565	4282874	383.28	.2	49.12	43740
H 30	752582	4282891	382.87	.1	49.27	43736
H 31	752598	4282911	381.89	.1	49.49	43900
H 32	752615	4282929	380.23	.2	49.81	43838
H 33	752631	4282947	378.76	.2	50.08	43871
H 34	752648	4282966	377.05	.6	50.4	43598
H 35	752664	4282983	376.46	1	50.56	43584
H 36	752681	4283002	377.56	.5	50.43	43571
H 37	752697	4283020	378.26	.6	50.33	43565
H 38	752714	4283038	379.11	.6	50.24	43574
H 39	752730	4283056	380.32	.6	50.07	43556
H 40	752747	4283074	381.86	.7	49.81	43532
H 41	752764	4283092	383.37	.7	49.54	43518
I 1	752169	4282287	401.33	1.3	45.21	46211
I 2	752186	4282306	401	1.3	45.18	43602
I 3	752203	4282324	399.7	1.4	45.38	43599
I 4	752220	4282343	397.51	1	45.76	43596
I 5	752237	4282361	396.04	.9	46.02	43596
I 6	752254	4282380	394.61	1.2	46.3	43601
I 7	752270	4282398	393.44	.9	46.5	43595
I 8	752288	4282416	392.62	1.1	46.59	43592
I 9	752304	4282435	392.61	1.9	46.59	43593
I 10	752321	4282454	392.55	1.1	46.66	43598
I 11	752338	4282472	392.6	1.2	46.65	43603
I 12	752354	4282490	393.87	1	46.53	43672
I 13	752371	4282509	395.1	.5	46.3	43646
I 14	752388	4282528	394.56	.4	46.42	43603
I 15	752404	4282547	393.5	.2	46.68	43593
I 16	752421	4282565	392.23	.3	46.99	43612
I 17	752438	4282584	391.2	.5	47.18	43621
I 18	752455	4282602	390.47	.4	47.36	43633
I 19	752471	4282621	389.56	.7	47.54	43630
I 20	752488	4282639	388.79	.3	47.68	43643
I 21	752505	4282658	388.32	.5	47.75	43680
I 22	752522	4282677	387.18	.9	48.02	43802
I 23	752539	4282695	386.05	1.1	48.25	43746
I 24	752555	4282714	385.26	1.1	48.38	43763
I 25	752572	4282732	384.42	.7	48.63	43820
I 26	752589	4282751	384.01	.9	48.75	43869
I 27	752606	4282769	383.17	1.6	48.87	43786
I 28	752622	4282788	382.74	.8	48.97	43782
I 29	752639	4282806	381.96	.8	49.34	43775
I 30	752656	4282824	381.15	.1	49.6	44013
I 31	752673	4282842	380.98	.2	49.6	43734
I 32	752689	4282860	380.04	.5	49.77	43768
I 33	752706	4282878	378.69	.4	50.06	43910
I 34	752723	4282897	378.03	.5	50.23	43833
I 35	752739	4282915	377.43	.7	50.36	43610
I 36	752756	4282934	378.19	.3	50.23	43848
I 37	752773	4282953	379.52	.5	50.06	43749
I 38	752789	4282971	380.98	.6	49.82	43683
I 39	752806	4282990	382.23	.6	49.7	43603
I 40	752823	4283008	383.56	1	49.51	43541
I 41	752839	4283026	384.51	.9	49.32	43534
J 1	752244	4282220	398.54	1.6	45.73	43595
J 2	752260	4282238	396.82	2.1	46.11	43593
J 3	752277	4282257	397.66	1.6	45.92	43590
J 4	752293	4282274	400.9	1.5	45.34	43589
J 5	752309	4282292	403.28	2.5	44.83	43583
J 6	752326	4282311	403.59	1.8	44.48	43585
J 7	752343	4282330	402.86	1.9	44.64	43586



J 8	752360	4282348	401.66	1.8	44.84	43584
J 9	752377	4282367	400.44	2.2	45.07	43579
J 10	752394	4282386	399.54	1.7	45.17	43578
J 11	752410	4282404	398.94	1.7	45.34	43578
J 12	752427	4282423	398.12	1.5	45.55	43580
J 13	752444	4282441	397.61	1.3	45.64	43585
J 14	752461	4282460	396.08	1.5	45.97	43594
J 15	752478	4282478	395.41	1.5	46.18	43590
J 16	752494	4282497	393.08	1.6	46.7	43595
J 17	752511	4282515	392.3	2.2	46.84	43601
J 18	752528	4282534	390.8	.9	47.19	43617
J 19	752545	4282552	390.15	.7	47.37	43640
J 20	752562	4282571	389.38	.4	47.58	43660
J 21	752579	4282589	389.37	.2	47.63	43681
J 22	752595	4282608	389.74	.2	47.49	43684
J 23	752612	4282627	390.23	.5	47.43	43688
J 24	752629	4282645	390.75	.4	47.36	43688
J 25	752646	4282664	390.74	.7	47.39	43701
J 26	752663	4282682	389.73	1	47.59	43709
J 27	752679	4282700	388.75	1	47.74	43761
J 28	752696	4282719	387.66	1.2	47.94	43770
J 29	752713	4282737	386.55	1.4	48.13	43810
J 30	752730	4282756	385.27	2	48.36	43752
J 31	752747	4282774	381.84	2.5	49	43733
J 32	752764	4282793	383.69	1	48.88	43850
J 33	752780	4282812	381.72	1	49.36	43944
J 34	752797	4282830	379.54	.8	49.75	43797
J 35	752814	4282849	378.52	1.3	50.01	43726
J 36	752831	4282868	378.66	1.1	49.97	43797
J 37	752847	4282886	379.26	.9	49.95	43763
J 38	752864	4282905	380.57	.7	49.74	43857
J 39	752881	4282924	382.49	.6	49.53	43572
J 40	752898	4282943	384.51	.9	49.19	43555
J 41	752915	4282961	386.3	1.3	48.92	43550
K 1	752323	4282161	398.91	2.2	45.6	43602
K 2	752340	4282179	400.59	2.9	45.33	43598
K 3	752357	4282197	403.65	3.4	44.8	43598
K 4	752372	4282214	406.61	4	44.11	43592
K 5	752390	4282234	410.89	3.5	43.14	43589
K 6	752406	4282252	414.87	3.1	42.29	43585
K 7	752423	4282270	415.83	3	42.04	43583
K 8	752439	4282288	413.91	2.8	42.41	43581
K 9	752456	4282306	412.23	2.2	42.75	43579
K 10	752472	4282325	409.77	2.9	43.24	43578
K 11	752489	4282343	407.41	2.3	43.76	43572
K 12	752506	4282361	405.04	2.4	44.22	43570
K 13	752523	4282380	403.71	3.5	44.42	43568
K 14	752539	4282398	400.62	2.7	45.17	43567
K 15	752556	4282416	398.66	1.8	45.59	43567
K 16	752573	4282434	396.65	1.5	45.94	43585
K 17	752589	4282452	394.47	1.4	46.48	43590
K 18	752606	4282471	393.19	1	46.68	43580
K 19	752622	4282489	393.93	1	46.67	43594
K 20	752639	4282507	395.27	.4	46.43	43612
K 21	752656	4282525	395.27	.5	46.55	43625
K 22	752672	4282543	395.11	.2	46.57	43637
K 23	752689	4282562	395.22	1.2	46.51	43651
K 24	752705	4282580	395.56	1.2	46.54	43649
K 25	752723	4282599	395.54	1.4	46.54	43639
K 26	752739	4282616	394.98	1.5	46.6	43650
K 27	752755	4282635	394.5	1.6	46.71	43679
K 28	752772	4282653	393.24	1.8	46.94	43741
K 29	752789	4282671	392.23	2	47.13	43705
K 30	752804	4282688	391.36	.9	47.22	43720
K 31	752820	4282705	389.33	.9	47.64	43772
K 32	752837	4282724	387.24	1	48.08	43857
K 33	752854	4282742	384.7	.9	48.67	43977
K 34	752870	4282760	381.79	1.8	49.27	43864
K 35	752887	4282778	379.79	1.4	49.72	43955
K 36	752903	4282797	380.37	.6	49.64	43939
K 37	752920	4282815	380.44	.3	49.71	43875

K 38	752937	4282834	380.86	.2	49.69	43717
K 39	752954	4282852	382.07	.1	49.54	43605
K 40	752970	4282870	383.01	.1	49.46	43603
K 41	752987	4282889	383.87	.3	49.04	43585
L 1	752412	4282106	405.61	2	44.08	43614
L 2	752429	4282124	407.94	2.2	43.66	43610
L 3	752444	4282141	410.1	2.5	43.17	43609
L 4	752460	4282159	412.61	1.8	42.7	43602
L 5	752476	4282177	415.28	2	42.09	43601
L 6	752493	4282194	417.74	1.7	41.56	43592
L 7	752508	4282212	420.58	1.8	40.99	43585
L 8	752524	4282229	421.81	2.6	40.66	43584
L 9	752540	4282247	419.19	3.3	41.25	43585
L 10	752557	4282265	415.67	2.9	41.92	43576
L 11	752573	4282282	412.45	3.9	42.6	43566
L 12	752589	4282300	409.64	3.1	43.13	43568
L 13	752605	4282317	406.98	2.3	43.64	43564
L 14	752620	4282336	404.29	3.2	44.17	43560
L 15	752635	4282354	402.06	3	44.66	43556
L 16	752653	4282371	400.53	2.6	45.04	43555
L 17	752670	4282390	398.98	2.1	45.39	43559
L 18	752686	4282408	398.98	1.5	45.33	43559
L 19	752702	4282426	399.63	1.1	45.22	43563
L 20	752718	4282443	399.74	.4	45.18	43570
L 21	752734	4282461	399.65	.3	45.33	43577
L 22	752750	4282479	399.14	.1	45.52	43585
L 23	752766	4282497	398.1	.3	45.75	43603
L 24	752782	4282515	397.24	.3	45.89	43619
L 25	752799	4282533	396.38	.3	46.05	43628
L 26	752815	4282551	395.56	.3	46.28	43639
L 27	752831	4282568	394.58	.4	46.51	43648
L 28	752846	4282586	393.5	.7	46.72	43681
L 29	752862	4282603	392.41	.5	46.92	43752
L 30	752878	4282621	391.57	.6	47.1	43681
L 31	752894	4282638	389.91	.6	47.44	43662
L 32	752910	4282656	388.29	.7	47.73	43695
L 33	752927	4282673	386.48	1	48.12	43735
L 34	752942	4282691	385.32	2.2	48.38	43783
L 35	752958	4282709	381.8	1.2	49.14	43714
L 36	752975	4282727	380.61	1.7	49.44	43785
L 37	752990	4282745	380.98	.8	49.41	43902
L 38	753007	4282763	382.3	.1	49.23	43705
L 39	753023	4282781	383.06	0	49.14	43620
L 40	753040	4282799	383.59	.1	49.11	43602
L 41	753056	4282817	384.02	.4	49.1	43564
M 1	752488	4282041	411.15	1.7	43.14	43641
M 2	752504	4282059	411.93	1.8	43.06	43609
M 3	752520	4282077	414.17	1.7	42.35	43619
M 4	752537	4282095	416.33	1.7	41.89	43622
M 5	752552	4282112	417.8	1.5	41.58	43617
M 6	752568	4282130	418.96	1.1	41.38	43609
M 7	752584	4282148	420.02	1.4	41.23	43600
M 8	752600	4282165	420.56	1.1	41.04	43590
M 9	752616	4282183	421.11	1.6	40.9	43587
M 10	752633	4282202	419.26	1.3	41.23	43583
M 11	752649	4282219	417.81	1.3	41.37	43579
M 12	752665	4282237	416.02	1.7	41.86	43572
M 13	752682	4282255	414.58	1.9	42.01	43568
M 14	752698	4282272	412.88	2	42.39	43566
M 15	752714	4282291	411.03	1.8	42.72	43566
M 16	752730	4282309	409.54	2.5	42.98	43560
M 17	752746	4282326	408.15	2	43.23	43560
M 18	752762	4282343	406.82	1.7	43.55	43559
M 19	752778	4282361	405.64	2.1	43.77	43560
M 20	752794	4282379	404.25	1.4	44.14	43567
M 21	752810	4282396	402.48	1.2	44.44	43567
M 22	752826	4282414	400.78	1.1	44.8	43572
M 23	752842	4282431	398.83	1.6	45.29	43579
M 24	752857	4282449	397.03	1.4	45.77	43586
M 25	752873	4282466	395.17	1.4	46.19	43598
M 26	752889	4282483	393.2	1.5	46.66	43605

M 27	752905	4282501	392.08	1.3	46.85	43617
M 28	752921	4282519	391.39	.9	47.06	43626
M 29	752937	4282537	391.38	1.2	46.97	43640
M 30	752952	4282553	391.07	1.2	47.09	43663
M 31	752968	4282570	390.37	1.1	47.19	43701
M 32	752985	4282589	389.34	1.3	47.47	43666
M 33	753001	4282606	388.15	1.3	47.76	43677
M 34	753017	4282624	386.67	1.4	48.04	43709
M 35	753033	4282642	384.68	2.1	48.59	43425
M 36	753049	4282659	383.28	.9	48.91	43865
M 37	753066	4282677	382.89	.6	49.04	43918
M 38	753082	4282695	382.93	1.6	49.08	43852
M 39	753098	4282712	382.08	.7	49.34	43706
M 40	753114	4282730	381.66	.9	49.47	43537
M 41	753130	4282748	383.63	1.5	49.15	43599
M 42	753156	4282774	386.04	1.1	48.47	43659
M 43	753173	4282796	386.95	.8	48.41	43671
M 44	753190	4282814	387.69	.6	48.37	43611
M 45	753206	4282833	387.92	.6	48.39	43566
M 46	753223	4282851	388.18	.7	48.51	43531
M 47	753239	4282869	388.73	.6	48.56	43529
M 48	753256	4282888	389.55	.4	48.43	43529
M 49	753273	4282906	390.47	.8	48.4	43530
M 50	753289	4282924	391.61	.8	48.21	43532
M 51	753307	4282943	392.62	1.2	48.12	43533
M 52	753323	4282961	394.01	3.4	47.83	43545
M 53	753340	4282979	395.95	1.5	47.71	43555
M 54	753356	4282997	397.33	1.4	47.61	43565
M 55	753373	4283016	398.4	1.5	47.44	43580
M 56	753389	4283034	399.01	1.1	47.46	43591
M 57	753406	4283053	400.01	1.2	47.31	43597
M 58	753422	4283071	400.85	1.4	47.22	43598
M 59	753439	4283090	401.61	1.4	47.19	43602
M 60	753455	4283108	402.04	1.6	47.15	43603
M 61	753472	4283126	402.58	1.3	47.19	43604
M 62	753489	4283145	403.44	1.5	46.57	43607
M 63	753505	4283163	404.29	1.4	46.6	43617
M 64	753521	4283181	405.72	1.4	46.47	43611
M 65	753538	4283199	407.09	1.1	46.27	43614
M 66	753554	4283217	408	1.1	46.11	43621
M 67	753571	4283236	408.35	1.4	46.17	43627
M 68	753588	4283254	408.13	1.7	45.43	43647
M 69	753604	4283273	407.2	2.2	46.54	43657
M 70	753621	4283291	405.2	2.2	47.01	43647
M 71	753637	4283309	403.54	2.1	46.42	43669
M 72	753654	4283328	404.45	2.1	46.29	43721
M 73	753670	4283346	406.39	1.9	46.58	43704
M 74	753688	4283363	407.77	2	46.89	43745
N 1	752556	4281967	414.22	1.3	42.72	43668
N 2	752572	4281985	415.67	.9	42.28	43659
N 3	752588	4282002	417.31	.7	41.89	43645
N 4	752604	4282020	419.03	.9	41.43	43646
N 5	752620	4282038	420.58	1	41.12	43638
N 6	752636	4282056	421.42	.7	40.98	43633
N 7	752652	4282073	422.12	.7	40.9	43624
N 8	752668	4282091	422.53	.9	40.83	43615
N 9	752684	4282109	422.76	1.3	40.57	43605
N 10	752699	4282126	422.75	1.7	40.51	43597
N 11	752715	4282143	422.58	1.8	40.34	43589
N 12	752731	4282160	422.71	2.8	40.53	43583
N 13	752748	4282178	421.3	1.8	40.75	43580
N 14	752764	4282197	420.26	2.6	40.9	43576
N 15	752781	4282215	419.03	3.3	41.12	43571
N 16	752797	4282233	416.62	2.4	41.59	43564
N 17	752814	4282251	415.34	2.6	41.85	43565
N 18	752830	4282269	413.79	2.4	42.1	43563
N 19	752847	4282287	412.59	3.9	42.27	43568
N 20	752863	4282305	409.95	2.7	42.71	43561
N 21	752879	4282323	408.29	2.8	43.28	43560
N 22	752896	4282341	406.33	4.2	43.67	43559
N 23	752912	4282359	404.52	3	44.06	43565

N 24	752928	428:2376	403.05	2.6	44.4	43568
N 25	752944	428:2395	401.49	2.5	44.77	43574
N 26	752961	428:2413	400.79	2	44.99	43583
N 27	752978	428:2431	400.22	1.4	45.14	43590
N 28	752994	428:2448	399.3	1.2	45.42	43605
N 29	753011	428:2467	397.97	1.4	45.69	43630
N 30	753028	428:2485	396.87	.8	45.95	43630
N 31	753045	428:2504	395.61	1.2	46.21	43652
N 32	753062	428:2523	394.41	1.2	46.46	43677
N 33	753079	428:2542	392.63	1.2	46.83	43712
N 34	753096	428:2560	390.84	1.3	47.24	43717
N 35	753112	428:2578	388.93	1.8	47.65	43722
N 36	753129	428:2597	387.22	1	48.11	43807
N 37	753146	428:2615	385.91	.7	48.46	43932
N 38	753163	428:2634	385.14	.3	48.7	43595
N 39	753180	428:2653	384.84	.3	48.81	43617
N 40	753197	428:2671	384.43	.3	48.93	43656
N 41	753214	428:2690	383.95	.4	49.03	43664
N 42	753229	428:2707	384.19	.2	48.89	43650
N 43	753246	428:2728	384.24	.2	48.93	43644
N 44	753262	428:2746	383.93	.2	49	43754
N 45	753280	428:2766	383.82	.8	49.09	43656
N 46	753296	428:2784	384.7	.3	48.97	43533
N 47	753312	428:2802	384.45	3	49.09	43548
N 48	753329	428:2820	386.1	1.2	48.92	43519
N 49	753346	428:2838	388.06	1.5	48.62	43517
N 50	753363	428:2857	390.36	1.6	48.24	43521
N 51	753379	428:2875	392.31	1.9	47.94	43520
N 52	753395	428:2892	394.56	2.2	47.5	43521
N 53	753413	428:2912	396.5	1.5	47.18	43538
N 54	753430	428:2930	398.33	1.5	47.01	43547
N 55	753446	428:2948	399.84	1.3	46.88	43556
N 56	753463	428:2966	401.04	1.3	46.69	43568
N 57	753479	428:2985	402.19	1	46.62	43587
N 58	753495	428:3003	402.92	.7	46.56	43586
N 59	753512	428:3021	403.56	.9	46.51	43598
N 60	753528	428:3039	404.29	.9	46.45	43606
N 61	753545	428:3058	404.87	.08	46.4	43615
N 62	753562	428:3076	405.24	.7	46.44	43622
N 63	753578	428:3095	405.36	1	46.46	43627
N 64	753595	428:3113	405.51	.8	46.49	43625
N 65	753612	428:3131	404.6	1	46.69	43619
N 66	753629	428:3150	403.64	1.2	46.95	43617
N 67	753645	428:3168	402.95	1.5	47.11	43620
N 68	753661	428:3186	402.64	1.9	47.24	43624
N 69	753678	428:3205	401.84	1.7	47.54	43637
N 70	753694	428:3223	399.6	1.8	48	43687
N 71	753711	428:3240	398.11	1.5	48.36	43758
N 72	753727	428:3259	399.68	1.9	48.12	43608
N 73	753743	428:3277	401.05	1.6	47.93	43670
N 74	753761	428:3296	402.73	2	47.66	43722
O 1	752637	428:1908	413.09	1.1	42.89	43616
O 2	752653	428:1925	415.05	1.2	42.46	43624
O 3	752668	428:1942	416.66	1.3	42.04	43636
O 4	752685	428:1960	418.57	1.8	41.53	43635
O 5	752700	428:1978	420.3	2	41.52	43637
O 6	752716	428:1995	422.28	1.8	40.77	43637
O 7	752733	428:2014	423.49	1.4	40.66	43633
O 8	752748	428:2031	424.08	1.5	40.58	43625
O 9	752764	428:2048	425	1.8	40.33	43614
O 10	752780	428:2066	425.76	1.3	40.06	43605
O 11	752796	428:2084	426.97	.9	39.72	43594
O 12	752811	428:2101	428.42	1	39.35	43586
O 13	752829	428:2120	430.61	1.9	38.8	43579
O 14	752844	428:2136	429.9	1.9	38.93	43574
O 15	752860	428:2153	428.43	3	39.13	43572
O 16	752876	428:2171	426.26	2.4	39.62	43568
O 17	752892	428:2189	424.32	2.5	40	43563
O 18	752909	428:2207	422.47	4	40.35	43572
O 19	752925	428:2224	420.21	3.6	40.76	43569
O 20	752941	428:2242	418.14	2.7	41.2	43567

0 21	752954	4282257	417.21	3.6	41.4	43567
0 22	752972	4282276	414.36	2.7	42.09	43560
0 23	752988	4282294	412.55	2.5	42.46	43557
0 24	753004	4282312	410.99	2.1	42.82	43557
0 25	753020	4282329	409.38	1.5	43.1	43557
0 26	753036	4282347	407.32	1.4	43.47	43560
0 27	753052	4282364	406.08	1.7	43.78	43566
0 28	753068	4282382	404.51	1.1	44.09	43577
0 29	753084	4282399	402.89	1	44.47	43596
0 30	753100	4282417	401.42	.9	44.78	43617
0 31	753116	4282435	399.97	.7	45.15	43633
0 32	753132	4282452	398.4	.9	45.53	43639
0 33	753148	4282470	397.05	.9	45.87	43665
0 34	753165	4282488	395.52	.9	46.2	43712
0 35	753181	4282506	394.43	.5	46.41	43717
0 36	753197	4282524	392.89	.5	46.85	43735
0 37	753213	4282542	391.97	.6	47.11	43871
0 38	753230	4282560	390.86	.4	47.37	43769
0 39	753246	4282578	390.02	.3	47.57	43682
0 40	753262	4282596	389.36	.4	47.72	43646
0 41	753278	4282614	388.63	.3	47.92	43674
0 42	753303	4282639	387.35	.4	48.19	43678
0 43	753320	4282659	386.54	.4	48.42	43652
0 44	753336	4282678	385.96	.3	48.58	43628
0 45	753353	4282696	385.51	.3	48.73	43650
0 46	753370	4282714	385.36	.7	48.76	43656
0 47	753387	4282733	385.66	.7	48.78	43749
0 48	753403	4282751	386.36	.7	48.78	43632
0 49	753420	4282770	388.18	1	48.49	43536
0 50	753436	4282788	389.99	1.3	48.21	43502
0 51	753453	4282807	391.93	1.3	47.94	43495
0 52	753470	4282825	394.46	3.7	47.58	43504
0 53	753487	4282844	394.21	.9	47.59	43531
0 54	753505	4282863	393.86	1.3	47.73	43586
0 55	753521	4282880	394.16	1.5	47.86	43683
0 56	753537	4282899	394.6	1.8	47.77	43696
0 57	753554	4282919	394.88	1.7	47.76	43566
0 58	753571	4282937	395.59	2.1	47.79	43541
0 59	753587	4282956	397.12	2.6	47.64	43545
0 60	753604	4282974	398.56	3	47.49	43564
0 61	753621	4282993	400.35	2.7	47.23	43589
0 62	753638	4283011	402.13	2.7	46.99	43601
0 63	753655	4283030	403.04	2.4	46.94	43639
0 64	753672	4283048	402.4	3.3	47.08	43673
0 65	753688	4283066	400.74	2.1	47.47	43657
0 66	753706	4283085	398.22	2.2	48.03	43630
0 67	753722	4283103	395.73	2.1	48.52	43620
0 68	753739	4283121	393.67	2.2	48.91	43614
0 69	753755	4283139	392.36	2.9	49.29	43612
0 70	753772	4283157	392.21	1.8	49.46	43632
0 71	753788	4283176	392.84	1.7	49.41	43647
0 72	753805	4283194	393.53	1.6	49.32	43642
0 73	753821	4283212	394.12	1.8	48.64	43651
0 74	753839	4283231	394.96	1.9	49.02	43641
P 30	753176	4282355	402.87	2.2	44.33	43568
P 31	753193	4282373	401.21	2.1	44.67	43577
P 32	753210	4282392	399.76	2.5	44.92	43587
P 33	753226	4282410	398.02	1.7	45.25	43601
P 34	753242	4282428	396.49	1.5	45.54	43618
P 35	753260	4282447	395.29	3.4	46.02	43641
P 36	753275	4282464	394.57	1.2	46.23	43692
P 37	753292	4282482	393.95	1.1	46.43	43732
P 38	753309	4282500	393.43	.8	46.57	43720
P 39	753325	4282519	392.59	.8	46.79	43718
P 40	753342	4282537	391.91	1.3	47	43724
P 41	753359	4282555	389.76	5.4	47.49	43626
P 42	753377	4282573	387.17	1.2	48.08	43658
P 43	753392	4282592	386.41	.4	48.37	43686
P 44	753409	4282610	386.8	.3	48.33	43673
P 45	753425	4282629	386.81	.2	48.31	43652
P 46	753442	4282646	387.17	0	48.25	43740

P 47	753458	4282665	387.43	0	48.33	43674
P 48	753475	4282683	387.98	.2	48.25	43669
P 49	753492	4282702	388.58	.3	48.22	43649
P 50	753509	4282720	389.39	.4	48.14	43571
P 51	753526	4282738	390.61	.5	48.04	43379
P 52	753548	4282761	391.91	.8	47.83	43481
P 53	753561	4282776	391.08	.6	47.98	43493
P 54	753578	4282794	388.83	1	48.52	43489
P 55	753595	4282813	387.48	1.1	48.88	43481
P 56	753612	4282831	387.09	1.6	49.02	43481
P 57	753629	4282850	387.48	1.4	49.1	43633
P 58	753645	4282869	389.22	2.1	48.9	43650
P 59	753663	4282887	390.5	2.6	48.68	43606
P 60	753679	4282905	391.9	3.4	48.39	43573
P 61	753696	4282923	393.38	4.2	48.31	43573
P 62	753712	4282942	395	4.2	48.08	43570
P 63	753729	4282961	396.37	4.9	47.92	43565
P 64	753745	4282979	397.47	4.8	47.78	43586
P 65	753763	4282998	398.01	4.3	47.77	43599
P 66	753779	4283016	397.76	3.1	47.9	43594
P 67	753796	4283034	395.98	3.5	48.34	43590
P 68	753813	4283053	393.42	2.8	48.87	43588
P 69	753830	4283070	390.62	2.4	49.43	43586
P 70	753846	4283089	388.42	2.3	49.89	43586
P 71	753863	4283108	387.43	1.4	50.18	43586
P 72	753879	4283127	387.54	1.2	50.12	43581
P 73	753896	4283145	388.89	1.7	50.06	43612
P 74	753913	4283163	390.93	1.7	50	43662
Q 30	753250	4282287	400.09	2.3	44.4	43548
Q 31	753268	4282306	397.7	2	45.23	43551
Q 32	753284	4282324	395.81	2.1	45.66	43546
Q 33	753301	4282342	394.47	3.6	45.88	43562
Q 34	753317	4282360	392.37	1.1	46.29	43570
Q 35	753334	4282378	391.61	.5	46.25	43585
Q 36	753351	4282397	390.88	.5	46.56	43610
Q 37	753367	4282415	389.93	.4	46.81	43635
Q 38	753384	4282433	389.01	.4	47.05	43659
Q 39	753401	4282452	388.05	.7	47.42	43719
Q 40	753417	4282470	387.62	.5	47.59	43890
Q 41	753438	4282491	388.02	2.3	47.58	43721
Q 42	753451	4282508	387.96	.2	47.65	43662
Q 43	753467	4282525	388.84	.2	47.56	43680
Q 44	753484	4282544	388.97	0	47.57	43674
Q 45	753500	4282562	388.88	0	47.63	43690
Q 46	753517	4282580	389.03	0	47.68	43699
Q 47	753534	4282598	389.23	0	47.68	43771
Q 48	753550	4282617	389.37	.2	47.89	43761
Q 49	753566	4282635	389.72	.3	47.78	43667
Q 50	753583	4282653	390.45	.2	47.7	43618
Q 51	753601	4282673	391.41	.2	47.54	43676
Q 52	753615	4282688	392.4	.6	47.5	43643
Q 53	753632	4282706	391.45	.6	47.66	43541
Q 54	753649	4282725	388.97	1.1	48.32	43500
Q 55	753666	4282744	386.73	1	48.84	43452
Q 56	753684	4282762	385.39	1.2	49.18	43462
Q 57	753701	4282780	383.82	1.4	49.55	43498
Q 58	753719	4282797	383.26	1.4	49.77	43510
Q 59	753735	4282816	383.82	1.3	49.75	43499
Q 60	753752	4282836	385.07	1.8	49.55	43496
Q 61	753769	4282854	385.8	2.3	49.46	43523
Q 62	753786	4282873	386.88	3	49.35	43534
Q 63	753802	4282892	388.13	3.4	49.13	43535
Q 64	753818	4282910	389.5	4.2	48.95	43531
Q 65	753835	4282928	390.88	3.8	48.81	43521
Q 66	753852	4282946	391.76	3.9	48.7	43516
Q 67	753868	4282965	391.92	4.4	48.78	43519
Q 68	753884	4282984	391.01	4.2	48.97	43529
Q 69	753902	4283003	389	1.9	49.42	43539
Q 70	753918	4283021	386.59	2.1	50.07	43551
Q 71	753935	4283040	384.13	1.5	50.62	43564
Q 72	753953	4283058	383.81	1	50.74	43579

Q 73	753969	428:3077	385.32	1.1	50.54	43600
Q 74	753986	428:3097	387.48	1.3	50.24	43639
R 30	753324	428:2220	390.89	4.2	46.46	43537
R 31	753341	428:2238	390.11	1.9	46.64	43540
R 32	753356	428:2258	389.95	1.9	46.7	43546
R 33	753375	428:2276	389.64	1.6	46.81	43549
R 34	753392	428:2294	391.07	2.3	46.5	43560
R 35	753409	428:2313	390.47	1	46.7	43563
R 36	753424	428:2331	390.62	.9	46.66	43572
R 37	753441	428:2349	391.08	.8	46.61	43584
R 38	753457	428:2367	391.11	.7	46.69	43597
R 39	753474	428:2386	391.14	.6	46.68	43623
R 40	753491	428:2404	391.14	.5	46.71	43661
R 41	753508	428:2422	391.3	.5	46.7	43689
R 42	753525	428:2440	391.37	.4	46.77	43732
R 43	753541	428:2458	391.27	.3	46.87	43715
R 44	753557	428:2476	391.18	.3	47.04	43715
R 45	753574	428:2494	391.25	0	47.15	43752
R 46	753590	428:2512	391.02	0	47.27	43820
R 47	753607	428:2531	391.16	0	47.29	43760
R 48	753623	428:2549	391.29	0	47.33	43627
R 49	753640	428:2566	391.44	0	47.34	43495
R 50	753656	428:2585	391.52	0	47.37	43677
R 51	753673	428:2603	391.67	.2	47.34	43640
R 52	753690	428:2621	391.9	.5	47.38	43675
R 53	753706	428:2639	391.9	.4	47.43	43634
R 54	753723	428:2657	392.81	1.1	47.33	43589
R 55	753740	428:2676	393.77	2.3	47.2	43462
R 56	753757	428:2694	391.75	2.8	47.64	43452
R 57	753773	428:2714	388.28	5.5	48.42	43438
R 58	753791	428:2732	384.62	2.3	49.27	43430
R 59	753807	428:2750	382.27	1.8	49.8	43456
R 60	753826	428:2769	380.78	1.2	50.13	43481
R 61	753841	428:2788	379.86	1.3	50.28	43470
R 62	753856	428:2806	380.4	1.2	50.26	43448
R 63	753873	428:2824	381.37	1.4	50.17	43454
R 64	753889	428:2842	382.24	1.8	49.97	43477
R 65	753905	428:2860	383.1	1.7	49.97	43480
R 66	753922	428:2879	383.94	1.4	49.81	43490
R 67	753938	428:2897	384.64	1.7	49.8	43505
R 68	753954	428:2915	383.89	1.4	49.94	43523
R 69	753971	428:2933	382.62	1.1	50.31	43537
R 70	753987	428:2952	381.23	.9	50.89	43550
R 71	754004	428:2970	380.26	.8	51.09	43562
R 72	754020	428:2989	380.71	1.3	51.16	43570
R 73	754037	428:3007	382.89	1.3	50.84	43573
R 74	754053	428:3025	384.82	1.2	50.55	43577
S 30	753397	428:2152	402.08	4.7	44.15	43551
S 31	753415	428:2172	402.51	4.5	44.08	43551
S 32	753432	428:2190	403.35	4.7	43.95	43553
S 33	753449	428:2208	404.4	6.2	43.75	43558
S 34	753466	428:2227	405.39	6.3	43.54	43564
S 35	753482	428:2245	406.11	5.7	43.54	43568
S 36	753499	428:2264	407.09	5.5	43.29	43574
S 37	753516	428:2283	406.1	4.8	43.53	43582
S 38	753532	428:2301	404.27	4.9	43.83	43596
S 39	753549	428:2319	402.94	2.6	44.1	43608
S 40	753565	428:2337	401.25	2.2	44.49	43625
S 41	753582	428:2356	399.17	2.7	44.97	43649
S 42	753599	428:2375	398.19	1.2	45.17	43696
S 43	753616	428:2392	396.84	.9	45.54	43788
S 44	753632	428:2411	395.89	.5	45.87	43747
S 45	753648	428:2429	395.28	.4	46.12	43763
S 46	753666	428:2447	394.58	.3	46.42	43777
S 47	753684	428:2465	394.22	.2	46.52	43732
S 48	753701	428:2483	394.36	.2	46.57	43601
S 49	753717	428:2502	394.38	.4	46.65	43757
S 50	753734	428:2520	393.61	.3	46.87	43769
S 51	753751	428:2539	392.5	.4	47.09	43791
S 52	753767	428:2557	391.46	.6	47.35	43737
S 53	753784	428:2575	390.65	1.1	47.49	43621

S 54	753800	4282593	390.24	.9	47.73	43584
S 55	753817	4282611	390.95	1.3	47.62	43715
S 56	753834	4282630	390.32	1.4	47.77	43488
S 57	753850	4282648	387.79	1	48.35	43482
S 58	753867	4282666	385.41	.9	48.89	43475
S 59	753883	4282685	383.35	1.1	49.32	43465
S 60	753900	4282703	381.73	.9	49.7	43457
S 61	753916	4282721	380.9	1.1	49.83	43470
S 62	753933	4282739	378.86	.7	50.23	43476
S 63	753949	4282758	377.86	.5	50.53	43495
S 64	753966	4282776	377.33	.5	50.64	43505
S 65	753983	4282795	377.07	.6	50.7	43515
S 66	753999	4282813	376.9	.4	50.87	43526
S 67	754015	4282831	377.71	.5	50.79	43544
S 68	754032	4282849	377.94	.5	50.87	43556
S 69	754049	4282868	377.43	.5	51.07	43558
S 70	754065	4282887	376.59	.6	51.31	43562
S 71	754082	4282905	377.72	.7	51.19	43571
S 72	754099	4282924	379.86	1.1	50.94	43577
S 73	754115	4282941	381.91	1	50.66	43582
S 74	754131	4282960	383.39	1	50.46	43579
T 30	753470	4282085	415.61	3.7	41.35	43561
T 31	753487	4282104	416.78	3.2	41.08	43562
T 32	753504	4282122	418.15	4.1	40.85	43564
T 33	753520	4282140	419.31	5.9	40.62	43566
T 34	753537	4282159	419.92	5.3	40.46	43569
T 35	753554	4282177	420.3	5.7	40.4	43572
T 36	753570	4282195	420.25	5.1	40.46	43574
T 37	753587	4282213	418.21	5.3	40.69	43581
T 38	753603	4282231	417.16	4.6	41.13	43588
T 39	753620	4282249	414.14	3.5	41.75	43597
T 40	753636	4282268	411.3	3.7	42.27	43609
T 41	753653	4282286	409.11	3.1	42.75	43623
T 42	753670	4282304	406.58	2.4	43.29	43638
T 43	753686	4282322	404.14	1.9	43.94	43662
T 44	753703	4282341	402.08	3.7	44.42	43701
T 45	753721	4282360	400.38	1.4	44.81	43763
T 46	753737	4282379	398.78	1.3	45.27	43751
T 47	753754	4282398	397.1	1.3	45.68	43779
T 48	753771	4282416	395.97	1	46.04	43741
T 49	753788	4282435	395.02	1.3	46.28	43773
T 50	753805	4282453	393.66	1.2	46.74	43766
T 51	753821	4282471	392.46	1.2	47.07	43844
T 52	753838	4282489	391.05	1.2	47.38	43740
T 53	753853	4282509	388.89	3.1	47.87	43763
T 54	753871	4282526	387.18	1.5	48.2	43744
T 55	753888	4282545	385.52	5.4	48.39	43546
T 56	753904	4282562	383.94	1.7	48.73	43550
T 57	753920	4282580	382.69	1.2	49	43551
T 58	753937	4282598	382.65	1.2	49.08	43524
T 59	753954	4282616	383.53	1.1	48.99	43515
T 60	753970	4282634	384.23	1	48.84	43514
T 61	753987	4282653	382.89	.9	49.25	43520
T 62	754004	4282671	382.1	.9	49.37	43520
T 63	754020	4282689	380.48	.9	49.73	43527
T 64	754037	4282707	378.56	.8	50.17	43530
T 65	754053	4282725	376.72	.6	50.58	43528
T 66	754070	4282744	375.19	.6	50.96	43525
T 67	754087	4282763	374.43	.3	51.19	43521
T 68	754103	4282780	374.04	.4	51.32	43519
T 69	754119	4282798	373.92	.3	51.47	43522
T 70	754136	4282815	373.64	.4	51.58	43529
T 71	754154	4282836	374.59	.5	51.38	43540
T 72	754171	4282855	375.77	.9	51.27	43552
T 73	754188	4282873	376.8	.8	51.17	43569
T 74	754205	4282892	377.93	.9	51	43580
U 30	753545	4282016	421.86	6.7	39.81	43574
U 31	753562	4282034	424.08	4.7	39.35	43572
U 32	753578	4282052	425.88	2.7	39.01	43572
U 33	753594	4282070	426.98	1.8	38.76	43574
U 34	753611	4282089	427.94	1.6	38.54	43572



U 35	753628	428:2107	428.58	1.7	38.45	43573
U 36	753645	428:2125	427.94	2.2	38.66	43577
U 37	753662	428:2144	426.71	3.2	38.87	43579
U 38	753679	428:2162	424.62	4.2	39.38	43583
U 39	753696	428:2180	422.13	3.4	39.87	43588
U 40	753712	428:2198	419.74	5	40.4	43598
U 41	753729	428:2216	417.39	3.9	40.98	43603
U 42	753745	428:2234	414.36	3.8	41.67	43616
U 43	753762	428:2253	412.05	3.8	42.12	43630
U 44	753779	428:2271	409.59	2.5	42.67	43646
U 45	753795	428:2289	407.36	2.2	43.17	43666
U 46	753812	428:2308	405.56	1.6	43.6	43699
U 47	753829	428:2326	404.02	1.5	43.97	43745
U 48	753846	428:2346	402.48	1.5	44.46	43752
U 49	753863	428:2365	400.91	1.2	44.88	43730
U 50	753880	428:2384	399.25	1.3	45.27	43777
U 51	753897	428:2402	397.53	1.3	45.67	43762
U 52	753914	428:2421	396.1	1.3	45.98	43777
U 53	753932	428:2440	394.59	1.3	46.39	43743
U 54	753949	428:2458	392.78	1.4	46.81	43707
U 55	753965	428:2477	390.6	1.5	47.22	43593
U 56	753982	428:2495	388.91	3.6	47.6	43636
U 57	753999	428:2514	386.66	1.5	48.08	43578
U 58	754016	428:2532	384.25	1.4	48.6	43540
U 59	754033	428:2549	381.47	3	49.18	43562
U 60	754050	428:2568	379.45	.7	49.65	43555
U 61	754066	428:2587	378.28	.7	49.91	43548
U 62	754084	428:2606	377.02	.4	50.24	43567
U 63	754101	428:2625	376.25	.4	50.42	43581
U 64	754118	428:2643	375.45	.2	50.64	43594
U 65	754135	428:2662	374.85	.2	50.86	43569
U 66	754152	428:2681	374.09	0	51.07	43564
U 67	754170	428:2698	373.28	0	51.28	43550
U 68	754185	428:2717	372.72	0	51.55	43534
U 69	754204	428:2734	372.11	0	51.72	43526
U 70	754221	428:2753	371.32	0	51.97	43527
U 71	754236	428:2773	370.91	0	52.15	43528
U 72	754253	428:2791	371.23	.2	52.09	43525
U 73	754270	428:2810	371.72	.3	52.09	43532
U 74	754288	428:2830	372.3	.3	52.02	43549
V 30	753617	428:1951	423.43	3.4	39.48	43584
V 31	753634	428:1970	426.65	2.3	38.78	43582
V 32	753651	428:1988	428.55	2.8	38.34	43581
V 33	753668	428:2007	429.86	1.5	38.1	43577
V 34	753684	428:2025	430.77	.9	37.9	43578
V 35	753701	428:2044	431.49	.7	37.79	43576
V 36	753718	428:2063	431.03	.7	37.95	43577
V 37	753734	428:2081	430.34	1.1	38.09	43580
V 38	753751	428:2100	428.66	2	38.52	43581
V 39	753768	428:2118	426.97	2.6	38.9	43586
V 40	753786	428:2137	424.95	2.6	39.24	43591
V 41	753802	428:2155	422.41	3.8	39.83	43592
V 42	753819	428:2174	419.8	4.1	40.44	43597
V 43	753835	428:2192	417.11	3.9	41.06	43609
V 44	753852	428:2210	414.07	4	41.72	43618
V 45	753869	428:2228	411.33	3.1	42.28	43629
V 46	753885	428:2246	408.13	3.7	42.95	43643
V 47	753901	428:2264	403.98	6.7	43.9	43660
V 48	753918	428:2282	400.72	4.6	44.64	43688
V 49	753934	428:2300	399.11	2.6	45.04	43702
V 50	753951	428:2318	397.97	1.9	45.37	43721
V 51	753968	428:2336	396.2	1.5	45.77	43740
V 52	753985	428:2355	394.13	1.4	46.19	43770
V 53	754002	428:2373	392.84	1.7	46.5	43713
V 54	754018	428:2391	390.75	1.6	46.96	43681
V 55	754035	428:2409	387.37	1.4	47.65	43631
V 56	754051	428:2427	385.45	1.4	48.11	43622
V 57	754069	428:2446	386.14	1.1	48.17	43741
V 58	754089	428:2468	387.39	3.2	47.97	43608
V 59	754102	428:2482	386.97	1	48.09	43585
V 60	754118	428:2500	385.61	.9	48.41	43575

V 61	754134	4282518	383.93	1	48.75	43583
V 62	754150	4282536	382.4	2.8	49.12	43585
V 63	754167	4282555	380.16	1	49.6	43595
V 64	754184	4282572	378.89	.6	49.87	43606
V 65	754200	4282591	377.61	.3	50.16	43612
V 66	754217	4282609	376.45	.2	50.47	43584
V 67	754234	4282627	375.32	0	50.78	43574
V 68	754250	4282645	374.32	.3	51.02	43565
V 69	754267	4282663	373.36	.5	51.27	43553
V 70	754284	4282682	372.67	.6	51.49	43547
V 71	754301	4282701	372.28	.4	51.62	43544
V 72	754318	4282719	371.45	.4	51.86	43544
V 73	754334	4282737	370.21	.4	52.14	43550
V 74	754352	4282757	369.06	.5	52.4	43548
W 30	753692	4281884	424.88	6.4	39.49	43595
W 31	753710	4281903	427.85	4.3	38.59	43592
W 32	753726	4281922	430.36	2.8	38.02	43588
W 33	753743	4281940	432.19	1.2	37.61	43587
W 34	753759	4281958	433.45	1.1	37.32	43583
W 35	753776	4281977	434.13	.9	37.16	43582
W 36	753793	4281995	434.28	1	37.11	43582
W 37	753811	4282013	433.78	.9	37.23	43581
W 38	753827	4282031	433.07	1.6	36.95	43579
W 39	753844	4282050	431.87	2	37.76	43581
W 40	753861	4282068	430.05	2.6	38.15	43583
W 41	753877	4282086	428.15	3.1	38.51	43586
W 42	753894	4282105	425.64	5.3	39.06	43588
W 43	753911	4282123	422.45	4.5	39.8	43592
W 44	753928	4282142	418.41	5.6	40.67	43597
W 45	753943	4282160	414.26	6	41.54	43600
W 46	753960	4282178	410.65	5.9	42.27	43610
W 47	753977	4282195	407.09	4.2	43.05	43618
W 48	753993	4282214	404.68	3.1	43.65	43633
W 49	754010	4282232	402.16	2.1	44.33	43652
W 50	754027	4282250	399.21	1.4	44.95	43680
W 51	754043	4282269	397.27	1	45.4	43687
W 52	754061	4282287	396.79	1.7	45.53	43665
W 53	754077	4282306	397.06	1.3	45.64	43653
W 54	754094	4282323	395.89	1.3	45.99	43689
W 55	754111	4282342	394.14	1.1	46.38	43716
W 56	754128	4282360	392.4	1.5	46.74	43736
W 57	754144	4282379	390.64	3	47.19	43543
W 58	754162	4282397	388.93	2.4	47.61	43483
W 59	754178	4282415	387.02	1.9	48.06	43549
W 60	754194	4282433	384.99	4.5	48.51	43591
W 61	754211	4282452	383.39	2.2	48.76	43623
W 62	754229	4282471	381.97	2.3	49.04	43592
W 63	754246	4282491	380.46	1.9	49.4	43602
W 64	754263	4282509	379.46	1.8	49.63	43601
W 65	754279	4282528	378.08	1.9	49.96	43599
W 66	754296	4282546	377.08	1.5	50.24	43796
W 67	754313	4282564	376.13	1.8	50.48	43608
W 68	754330	4282582	375.19	1.2	50.73	43576
W 69	754347	4282601	374.43	.8	50.94	43575
W 70	754363	4282619	373.96	.6	51.09	43577
W 71	754380	4282637	373.48	.7	51.26	43575
W 72	754397	4282655	373.49	.7	51.3	43571
W 73	754414	4282674	373.65	.7	51.3	43570
W 74	754430	4282692	373.31	.7	51.43	43568
X 30	753766	4281816	421.43	5.4	39.79	43606
X 31	753783	4281833	425.52	6.5	38.93	43602
X 32	753799	4281851	429.37	4.4	38.13	43594
X 33	753816	4281869	432.46	4.8	37.48	43593
X 34	753833	4281888	434.31	3.2	37.13	43588
X 35	753850	4281906	435.62	2	36.83	43587
X 36	753867	4281925	436.89	1.2	36.53	43583
X 37	753884	4281943	437.63	1.2	36.39	43582
X 38	753900	4281962	437.14	1.1	36.49	43581
X 39	753917	4281980	436.34	1.4	36.71	43580
X 40	753935	4281999	434.69	2	37.07	43580
X 41	753951	4282017	432.74	2.6	37.49	43581

X 42	753968	428:2036	430.58	2.8	37.91	43582
X 43	753984	428:2052	427.69	4	38.51	43582
X 44	754001	428:2073	423.46	5.6	39.44	43585
X 45	754019	428:2091	418.48	6.7	40.52	43588
X 46	754036	428:2109	413.39	5.2	41.48	43592
X 47	754052	428:2127	409.7	7.8	41.82	43598
X 48	754069	428:2145	405.24	8.9	43.3	43607
X 49	754085	428:2163	400.95	4.9	43.75	43624
X 50	754102	428:2182	396.61	4.5	45.24	43651
X 51	754118	428:2200	393.73	3	45.87	43692
X 52	754134	428:2218	391.51	3	46.44	43723
X 53	754151	428:2230	391.31	2.2	46.49	43652
X 54	754168	428:2256	392.27	1.2	46.35	43716
X 55	754185	428:2274	392.01	1.2	46.5	43732
X 56	754202	428:2293	392.52	1.2	46.51	43803
X 57	754218	428:2311	393.25	1	46.35	43771
X 58	754235	428:2329	393.82	1.4	46.31	43629
X 59	754252	428:2347	392.98	1.3	46.55	43545
X 60	754268	428:2366	391.82	1.5	46.84	43586
X 61	754281	428:2381	389.89	3.5	47.36	43602
X 62	754302	428:2404	385.54	1.2	48.23	43629
X 63	754318	428:2422	382.22	.9	48.92	43657
X 64	754335	428:2441	379.93	.8	49.47	43603
X 65	754353	428:2460	377.84	.8	49.89	43609
X 66	754370	428:2480	376.38	.6	50.24	43605
X 67	754386	428:2497	374.9	.6	50.54	43614
X 68	754402	428:2515	372.71	.8	51.05	43660
X 69	754419	428:2534	371.65	.7	51.3	43610
X 70	754436	428:2552	370.91	.6	51.48	43568
X 71	754452	428:2570	370.79	.9	51.58	43570
X 72	754469	428:2589	371.99	1.2	51.43	43563
X 73	754485	428:2607	372.98	1.4	51.31	43561
X 74	754501	428:2625	372.27	1	51.51	43563
Y 30	753839	428:1749	419.72	3	40.35	43614
Y 31	753856	428:1767	423.71	2.7	39.45	43608
Y 32	753872	428:1785	427.73	2.5	38.65	43597
Y 33	753889	428:1803	431.04	1.7	37.94	43593
Y 34	753905	428:1821	433.52	1.7	36.86	43592
Y 35	753922	428:1839	435.5	1.3	36.94	43588
Y 36	753939	428:1857	437.34	1.2	36.6	43585
Y 37	753956	428:1876	438.27	1.2	36.3	43583
Y 38	753973	428:1895	437.53	1.6	36.52	43581
Y 39	753989	428:1913	436.13	2.5	36.87	43577
Y 40	754006	428:1931	433.91	3.6	37.35	43578
Y 41	754023	428:1949	431.11	5.2	37.88	43577
Y 42	754040	428:1968	427.54	8.6	38.65	43574
Y 43	754057	428:1986	423.4	8.8	39.5	43575
Y 44	754073	428:2004	418.84	10.6	40.5	43575
Y 45	754090	428:2023	413.74	11	41.45	43578
Y 46	754106	428:2041	409.17	11.7	42.4	43574
Y 47	754122	428:2059	404.98	8.4	43.23	43577
Y 48	754139	428:2077	402.1	4	43.87	43578
Y 49	754156	428:2096	399.82	3.9	44.43	43589
Y 50	754173	428:2114	397.15	6.5	45.03	43594
Y 51	754190	428:2133	394.09	3	45.78	43613
Y 52	754206	428:2151	391.64	2	46.31	43599
Y 53	754223	428:2169	390.01	1.4	46.69	43699
Y 54	754240	428:2188	388.24	1.4	47.07	43626
Y 55	754256	428:2206	386.64	1.5	47.48	43708
Y 56	754273	428:2224	385.67	1.6	47.67	43553
Y 57	754290	428:2242	385.77	2	47.79	43582
Y 58	754306	428:2260	386.46	1.8	47.7	43587
Y 59	754323	428:2279	387.01	1.7	47.72	43591
Y 60	754340	428:2297	386.89	2	47.77	43590
Y 61	754357	428:2316	385.58	2.3	48.04	43589
Y 62	754374	428:2334	383.58	2.1	47.91	43588
Y 63	754390	428:2352	380.44	5.2	49.07	43588
Y 64	754407	428:2371	378.09	1.6	49.6	43678
Y 65	754423	428:2390	375.62	1.5	50.06	43670
Y 66	754441	428:2408	373.77	1	50.7	43569
Y 67	754458	428:2426	372.47	.9	50.96	43591

Y 68	754474	428:2443	371.21	.6	51.16	43597
Y 69	754491	428:2463	369.99	.7	51.36	43616
Y 70	754507	428:2480	368.48	.5	51.72	43584
Y 71	754524	428:2498	367.44	.4	51.9	43569
Y 72	754541	428:2516	367.11	.4	51.99	43572
Y 73	754558	428:2535	366.04	.5	52.26	43567
Y 74	754575	428:2555	365.31	.6	52.47	43563
Z 30	753913	428:1682	424.95	1.2	39.3	43625
Z 31	753930	428:1700	426.58	1.5	38.93	43614
Z 32	753946	428:1718	428.81	2.2	38.46	43605
Z 33	753963	428:1736	431.17	2.7	37.9	43601
Z 34	753980	428:1754	433.28	2.1	37.47	43557
Z 35	753996	428:1773	434.98	2.6	37.16	43591
Z 36	754013	428:1791	436.06	1.9	36.89	43588
Z 37	754030	428:1809	436.58	1.7	36.79	43583
Z 38	754047	428:1828	435.42	1.9	37.01	43580
Z 39	754063	428:1846	433.59	3.4	37.37	43575
Z 40	754083	428:1864	429.59	4.3	38.15	43576
Z 41	754096	428:1882	425.63	3.9	38.92	43572
Z 42	754113	428:1900	421.22	5.9	39.77	43572
Z 43	754129	428:1919	416.79	5.1	40.68	43569
Z 44	754146	428:1936	412.41	4.2	41.59	43568
Z 45	754162	428:1955	408.22	5	42.42	43565
Z 46	754179	428:1974	404.93	5.8	43.12	43566
Z 47	754197	428:1993	402.78	7.1	43.61	43562
Z 48	754214	428:2012	403.68	4.4	43.48	43563
Z 49	754232	428:2031	402.54	2.8	43.71	43565
Z 50	754249	428:2051	400.84	2	44.03	43558
Z 51	754267	428:2071	398.86	1.4	44.42	43560
Z 52	754285	428:2090	396.59	1.3	45.05	43557
Z 53	754302	428:2109	395.01	1.6	45.42	43551
Z 54	754319	428:2127	392.84	2.1	45.96	43550
Z 55	754335	428:2146	390.29	1.9	46.48	43538
Z 56	754351	428:2165	387.7	1.7	47.09	43543
Z 57	754368	428:2182	385.08	2.3	47.63	43544
Z 58	754385	428:2201	381.79	2.3	48.27	43558
Z 59	754401	428:2219	379.71	2.2	48.75	43535
Z 60	754417	428:2237	378.92	1.5	48.96	43534
Z 61	754434	428:2255	378.27	1.3	49.17	43533
Z 62	754451	428:2274	377.75	1.5	49.31	43535
Z 63	754467	428:2292	377.14	1.8	49.16	43533
Z 64	754489	428:2316	374.55	4.2	50.06	43537
Z 65	754501	428:2328	373.61	1.2	50.36	43550
Z 66	754516	428:2347	372.17	.9	50.69	43542
Z 67	754533	428:2364	370.88	.9	51.04	43545
Z 68	754550	428:2383	369.92	1.9	51.22	43559
Z 69	754567	428:2401	369.35	.6	51.34	43565
Z 70	754584	428:2421	368.98	.6	51.39	43582
Z 71	754600	428:2438	368.47	.7	51.48	43560
Z 72	754617	428:2456	368.5	.6	51.5	43566
Z 73	754634	428:2475	368.14	.6	51.6	43565
Z 74	754650	428:2493	367.78	.6	51.72	43561

GRAVIMETRIA EN PUEBLA DE LA REINA  
DENSIDAD DE REDUCCION 2.4

PAG. N° 1

\$ SHORT

PER	NUM	X UTM	Y UTM	Z	G	GN	T	A	C	A1
G1	1	751057	4283296	400.60	976.10	1050.34	.10	15.87	33.49	9.17
G1	2	751074	4283315	401.13	975.89	1050.36	.10	15.77	33.53	9.06
G1	3	751091	4283333	402.19	975.79	1050.37	.11	15.90	33.61	9.18
G1	4	751109	4283353	402.94	975.62	1050.39	.11	15.89	33.67	9.15
G1	5	751126	4283372	402.49	975.52	1050.40	.11	15.67	33.64	8.94
G1	6	751144	4283392	403.75	975.53	1050.42	.12	15.95	33.73	9.21
G1	7	751160	4283409	403.68	975.43	1050.43	.12	15.82	33.73	9.08
G1	8	751176	4283427	403.57	975.37	1050.44	.12	15.73	33.72	8.98
G1	9	751193	4283445	403.39	975.40	1050.46	.12	15.70	33.70	8.96
G1	10	751210	4283464	403.17	975.49	1050.47	.12	15.73	33.68	8.99
G1	11	751225	4283477	402.96	975.60	1050.48	.12	15.78	33.66	9.05
G1	12	751243	4283500	402.17	975.93	1050.50	.12	15.92	33.60	9.20
G1	13	751260	4283518	401.40	976.17	1050.51	.12	15.97	33.54	9.26
G1	14	751276	4283537	400.06	976.53	1050.53	.12	16.01	33.43	9.33
G1	15	751292	4283555	398.38	976.85	1050.54	.11	15.94	33.29	9.28
G1	16	751308	4283573	396.47	977.29	1050.56	.10	15.92	33.14	9.30
G1	17	751325	4283591	395.15	977.59	1050.57	.10	15.91	33.03	9.30
G1	18	751341	4283609	394.15	977.84	1050.58	.09	15.92	32.95	9.33
G1	19	751358	4283628	393.69	978.00	1050.60	.10	15.96	32.91	9.38
G1	20	751374	4283646	392.05	978.41	1050.61	.09	15.98	32.78	9.43
G1	21	751391	4283664	390.10	978.80	1050.63	.09	15.92	32.62	9.40
G1	22	751408	4283683	388.39	979.16	1050.64	.09	15.88	32.47	9.38
G1	23	751425	4283701	387.46	979.42	1050.65	.08	15.91	32.40	9.43
G1	24	751442	4283720	386.58	979.56	1050.67	.09	15.84	32.32	9.38
G1	25	751459	4283739	385.65	979.84	1050.68	.08	15.90	32.25	9.45
G1	26	751475	4283757	384.73	980.06	1050.70	.08	15.89	32.17	9.46
G1	27	751492	4283775	384.03	980.14	1050.71	.09	15.96	32.11	9.53
G1	28	751509	4283793	383.23	980.54	1050.72	.09	16.01	32.04	9.61
G1	29	751526	4283813	381.80	980.90	1050.74	.09	16.04	31.92	9.65
G1	30	751543	4283832	380.82	981.28	1050.76	.09	16.19	31.84	9.82
G1	31	751559	4283850	380.05	981.40	1050.77	.09	16.12	31.77	9.77
G1	32	751576	4283868	379.36	981.48	1050.78	.09	16.03	31.71	9.69
G1	33	751592	4283886	378.16	981.88	1050.80	.09	16.15	31.61	9.83
G1	34	751609	4283904	377.25	982.26	1050.81	.09	16.31	31.54	10.00
G1	35	751625	4283922	376.50	982.42	1050.82	.09	16.28	31.48	9.99
G1	36	751643	4283940	375.62	982.65	1050.84	.09	16.31	31.40	10.03
G1	37	751658	4283960	374.35	982.96	1050.85	.09	16.32	31.29	10.06
G1	38	751674	4283978	373.70	983.18	1050.87	.09	16.38	31.24	10.13
G1	39	751691	4283997	373.05	983.39	1050.88	.09	16.43	31.18	10.19
G1	40	751708	4284015	372.48	983.57	1050.90	.09	16.46	31.13	10.24
G1	41	751724	4284033	372.20	983.73	1050.91	.10	16.55	31.11	10.33
G1	42	751741	4284052	372.05	983.80	1050.92	.10	16.57	31.10	10.35
G1	43	751758	4284070	371.87	983.86	1050.94	.10	16.58	31.08	10.36
G1	44	751774	4284089	372.04	983.93	1050.95	.09	16.67	31.10	10.45
G1	45	751790	4284106	371.80	984.06	1050.97	.10	16.73	31.08	10.52
F1	1	751133	4283232	396.82	976.77	1050.29	.09	15.74	33.18	9.10
F1	2	751149	4283250	398.08	976.54	1050.30	.10	15.78	33.28	9.13
F1	3	751166	4283268	399.14	976.33	1050.32	.10	15.80	33.36	9.13
F1	4	751182	4283286	400.62	976.11	1050.33	.11	15.91	33.48	9.21
F1	5	751199	4283305	401.90	975.86	1050.35	.12	15.94	33.58	9.22

GRAVIMETRIA EN PUEBLA DE LA REINA  
 DENSIDAD DE REDUCCION 2.4

PER	NUM	X	Y	Z	G	GN	T	A	C	A1
F1	6	751216	4283323	402.97	975.66	1050.36	.12	15.97	33.67	9.23
F1	7	751232	4283341	403.13	975.51	1050.37	.12	15.84	33.68	9.10
F1	8	751249	4283359	403.28	975.51	1050.39	.12	15.86	33.70	9.12
F1	9	751266	4283378	403.19	975.43	1050.40	.12	15.74	33.69	9.01
F1	10	751283	4283396	403.07	975.50	1050.42	.12	15.77	33.68	9.04
F1	11	751299	4283415	403.03	975.42	1050.43	.12	15.67	33.67	8.94
F1	12	751316	4283433	402.71	975.63	1050.44	.12	15.80	33.64	9.07
F1	13	751332	4283451	402.36	975.89	1050.46	.12	15.96	33.62	9.24
F1	14	751349	4283469	401.92	976.02	1050.47	.12	15.98	33.58	9.26
F1	15	751366	4283489	401.17	976.28	1050.49	.12	16.05	33.52	9.35
F1	16	751382	4283506	400.28	976.44	1050.50	.12	16.00	33.44	9.31
F1	17	751399	4283525	398.67	976.81	1050.51	.14	16.01	33.29	9.35
F1	18	751416	4283542	397.17	977.12	1050.53	.11	15.95	33.19	9.31
F1	19	751432	4283562	395.51	977.44	1050.54	.11	15.87	33.05	9.26
F1	20	751449	4283580	394.36	977.75	1050.56	.10	15.91	32.96	9.31
F1	21	751466	4283599	393.34	978.05	1050.57	.10	15.96	32.88	9.39
F1	22	751482	4283617	392.63	978.24	1050.59	.10	15.98	32.82	9.41
F1	23	751499	4283636	391.39	978.48	1050.60	.09	15.92	32.72	9.38
F1	24	751516	4283655	390.02	978.79	1050.62	.09	15.91	32.61	9.39
F1	25	751532	4283674	388.54	979.15	1050.63	.09	15.92	32.48	9.42
F1	26	751548	4283692	388.23	979.35	1050.64	.09	16.03	32.46	9.54
F1	27	751565	4283711	388.30	979.29	1050.66	.09	15.98	32.46	9.48
F1	28	751581	4283729	387.82	979.70	1050.67	.10	16.27	32.42	9.78
F1	29	751598	4283747	386.75	979.98	1050.69	.10	16.29	32.33	9.83
F1	30	751615	4283766	385.74	980.27	1050.70	.12	16.36	32.22	9.92
F1	31	751632	4283784	383.14	980.84	1050.71	.09	16.31	32.03	9.90
F1	32	751648	4283802	381.41	981.26	1050.73	.09	16.33	31.88	9.95
F1	33	751665	4283820	379.88	981.62	1050.74	.09	16.33	31.76	9.98
F1	34	751682	4283839	378.87	981.81	1050.76	.09	16.28	31.67	9.94
F1	35	751698	4283857	378.10	982.05	1050.77	.09	16.33	31.61	10.01
F1	36	751715	4283875	378.34	982.07	1050.78	.09	16.39	31.63	10.06
F1	37	751731	4283894	379.22	981.97	1050.80	.09	16.48	31.70	10.14
F1	38	751747	4283912	379.79	981.93	1050.81	.09	16.55	31.75	10.20
F1	39	751764	4283930	379.86	981.99	1050.83	.10	16.61	31.75	10.26
F1	40	751781	4283949	379.03	982.17	1050.84	.10	16.60	31.68	10.26
F1	41	751798	4283967	378.13	982.40	1050.86	.09	16.60	31.61	10.28
F1	42	751814	4283986	377.19	982.66	1050.87	.09	16.64	31.53	10.33
F1	43	751831	4284004	376.44	982.85	1050.88	.10	16.65	31.47	10.35
F1	44	751847	4284022	375.78	983.09	1050.90	.09	16.72	31.41	10.44
F1	45	751865	4284041	375.43	983.22	1050.91	.09	16.76	31.38	10.48
E1	1	751208	4283163	395.91	976.81	1050.23	.08	15.62	33.11	9.00
E1	2	751224	4283182	396.75	976.68	1050.25	.09	15.67	33.18	9.03
E1	3	751240	4283200	397.98	976.48	1050.26	.09	15.73	33.28	9.08
E1	4	751257	4283219	399.38	976.22	1050.28	.10	15.78	33.39	9.11
E1	5	751274	4283237	400.22	975.98	1050.29	.10	15.72	33.45	9.03
E1	6	751291	4283255	401.06	975.88	1050.30	.10	15.80	33.52	9.10
E1	7	751308	4283274	401.56	975.77	1050.32	.11	15.79	33.56	9.08
E1	8	751324	4283292	401.60	975.66	1050.33	.11	15.67	33.57	8.96
E1	9	751341	4283311	401.69	975.57	1050.35	.11	15.59	33.57	8.88
E1	10	751357	4283329	401.54	975.64	1050.36	.11	15.61	33.56	8.90

GRAVIMETRIA EN PUEBLA DE LA REINA  
 DENSIDAD DE REDUCCION 2.4

PER	NUM	X	Y	Z	G	GN	T	A	C	A1
E1	11	751373	4283348	401.25	975.78	1050.38	.11	15.68	33.53	8.97
E1	12	751389	4283366	401.22	975.85	1050.39	.11	15.73	33.53	9.02
E1	13	751406	4283384	401.21	975.93	1050.40	.11	15.79	33.53	9.09
E1	14	751422	4283402	401.11	975.99	1050.42	.11	15.82	33.51	9.11
E1	15	751441	4283422	400.86	976.13	1050.43	.12	15.89	33.49	9.19
E1	16	751456	4283439	401.29	976.35	1050.45	.12	16.20	33.52	9.49
E1	17	751472	4283457	399.36	976.58	1050.46	.11	15.97	33.37	9.30
E1	18	751489	4283476	398.45	976.79	1050.47	.11	15.96	33.30	9.30
E1	19	751506	4283495	397.82	976.96	1050.49	.11	15.97	33.25	9.32
E1	20	751523	4283513	396.83	977.26	1050.50	.11	16.03	33.16	9.40
E1	21	751539	4283532	395.66	977.55	1050.52	.10	16.04	33.07	9.42
E1	22	751556	4283550	394.97	977.75	1050.53	.10	16.07	33.01	9.47
E1	23	751572	4283568	394.11	977.77	1050.54	.10	15.88	32.94	9.29
E1	24	751589	4283587	393.88	978.02	1050.56	.10	16.06	32.93	9.48
E1	25	751606	4283605	393.19	978.18	1050.57	.10	16.05	32.87	9.48
E1	26	751622	4283624	392.72	978.33	1050.59	.10	16.08	32.83	9.52
E1	27	751639	4283642	392.05	978.53	1050.60	.10	16.12	32.77	9.56
E1	28	751656	4283661	391.01	978.91	1050.62	.10	16.25	32.69	9.71
E1	29	751672	4283680	389.72	979.27	1050.63	.10	16.30	32.58	9.79
E1	30	751689	4283699	388.28	979.58	1050.65	.10	16.28	32.46	9.79
E1	31	751707	4283718	386.73	980.02	1050.66	.10	16.36	32.33	9.89
E1	32	751723	4283736	385.22	980.36	1050.67	.09	16.34	32.20	9.90
E1	33	751740	4283755	384.28	980.67	1050.69	.09	16.42	32.12	10.00
E1	34	751757	4283773	383.02	980.97	1050.70	.10	16.43	32.01	10.03
E1	35	751773	4283792	382.78	981.07	1050.72	.09	16.45	32.00	10.05
E1	36	751789	4283811	383.52	981.00	1050.73	.09	16.54	32.06	10.13
E1	37	751808	4283830	384.48	980.91	1050.75	.10	16.66	32.13	10.23
E1	38	751823	4283847	384.55	980.96	1050.76	.11	16.72	32.13	10.29
E1	39	751840	4283866	383.58	981.21	1050.77	.11	16.74	32.05	10.33
E1	40	751857	4283884	382.14	981.56	1050.79	.11	16.74	31.93	10.36
E1	41	751873	4283903	380.06	981.91	1050.80	.10	16.61	31.76	10.26
E1	42	751890	4283921	378.36	982.47	1050.82	.10	16.77	31.62	10.45
E1	43	751907	4283939	376.80	982.75	1050.83	.10	16.69	31.49	10.39
E1	44	751923	4283957	375.33	983.12	1050.84	.10	16.71	31.37	10.44
E1	45	751940	4283975	374.24	983.38	1050.86	.10	16.71	31.28	10.45
D1	1	751284	4283096	397.20	976.44	1050.18	.08	15.60	33.22	8.95
D1	2	751301	4283114	397.36	976.44	1050.19	.08	15.62	33.23	8.97
D1	3	751317	4283132	398.62	976.28	1050.20	.09	15.73	33.33	9.07
D1	4	751334	4283150	399.54	976.09	1050.22	.09	15.74	33.40	9.06
D1	5	751350	4283169	400.40	975.94	1050.23	.10	15.77	33.47	9.08
D1	6	751366	4283187	399.97	975.84	1050.25	.09	15.56	33.44	8.87
D1	7	751383	4283205	400.82	975.91	1050.26	.10	15.81	33.51	9.11
D1	8	751399	4283223	400.33	975.96	1050.28	.10	15.74	33.47	9.04
D1	9	751416	4283242	399.65	976.00	1050.29	.10	15.61	33.41	8.93
D1	10	751432	4283261	398.94	976.11	1050.30	.10	15.54	33.35	8.87
D1	11	751449	4283279	398.47	976.24	1050.32	.10	15.56	33.31	8.89
D1	12	751466	4283298	397.63	976.44	1050.33	.09	15.55	33.24	8.90
D1	13	751482	4283316	396.78	976.69	1050.35	.10	15.60	33.17	8.96
D1	14	751498	4283335	396.00	976.96	1050.36	.09	15.67	33.11	9.05
D1	15	751515	4283354	395.32	977.08	1050.38	.09	15.63	33.05	9.02

GRAVIMETRIA EN PUEBLA DE LA REINA  
 DENSIDAD DE REDUCCION 2.4

PER	NUM	X	Y	Z	G	GN	T	A	C	R1
D1	16	751532	4283372	394.57	977.41	1050.39	.09	15.77	32.99	9.18
D1	17	751548	4283389	393.88	977.54	1050.40	.09	15.74	32.93	9.15
D1	18	751564	4283407	393.28	977.77	1050.42	.09	15.81	32.88	9.24
D1	19	751582	4283426	392.86	977.89	1050.43	.09	15.82	32.85	9.26
D1	20	751598	4283444	392.76	978.06	1050.45	.09	15.96	32.84	9.39
D1	21	751616	4283463	392.09	978.22	1050.46	.09	15.96	32.78	9.40
D1	22	751632	4283481	392.53	978.23	1050.47	.10	16.05	32.81	9.49
D1	23	751649	4283500	392.43	978.27	1050.49	.13	16.09	32.78	9.53
D1	24	751666	4283518	392.96	978.22	1050.50	.10	16.12	32.84	9.55
D1	25	751682	4283536	392.27	978.33	1050.52	.10	16.06	32.79	9.50
D1	26	751699	4283555	391.66	978.55	1050.53	.10	16.12	32.74	9.58
D1	27	751716	4283573	391.19	978.70	1050.55	.10	16.15	32.70	9.61
D1	28	751733	4283592	389.68	979.11	1050.56	.12	16.23	32.55	9.72
D1	29	751749	4283610	388.20	979.51	1050.57	.09	16.26	32.46	9.76
D1	30	751764	4283632	386.59	979.90	1050.59	.09	16.27	32.32	9.80
D1	31	751782	4283646	385.26	980.17	1050.60	.09	16.23	32.21	9.78
D1	32	751799	4283665	384.25	980.44	1050.62	.09	16.25	32.13	9.83
D1	33	751815	4283683	383.30	980.72	1050.63	.09	16.31	32.05	9.90
D1	34	751832	4283702	382.23	980.97	1050.64	.09	16.30	31.96	9.91
D1	35	751849	4283720	381.12	981.24	1050.66	.09	16.31	31.87	9.93
D1	36	751866	4283739	380.07	981.55	1050.67	.09	16.37	31.78	10.01
D1	37	751882	4283758	379.53	981.72	1050.69	.09	16.40	31.73	10.06
D1	38	751897	4283774	378.72	981.92	1050.70	.09	16.41	31.66	10.08
D1	39	751915	4283794	377.70	982.27	1050.72	.09	16.51	31.58	10.20
D1	40	751932	4283812	376.87	982.44	1050.73	.09	16.48	31.51	10.18
D1	41	751948	4283831	375.97	982.68	1050.74	.09	16.51	31.43	10.22
D1	42	751965	4283849	375.12	982.95	1050.76	.09	16.57	31.36	10.30
D1	43	751982	4283869	373.92	983.23	1050.77	.09	16.57	31.26	10.31
D1	44	751993	4283885	373.07	983.54	1050.79	.09	16.67	31.19	10.43
C1	1	751355	4283024	398.79	976.06	1050.12	.09	15.64	33.35	8.97
C1	2	751370	4283040	398.86	976.00	1050.13	.09	15.58	33.35	8.91
C1	3	751386	4283058	399.39	975.92	1050.14	.09	15.61	33.39	8.93
C1	4	751403	4283077	400.18	975.93	1050.16	.09	15.79	33.46	9.09
C1	5	751419	4283095	401.29	975.79	1050.17	.10	15.89	33.55	9.18
C1	6	751436	4283113	401.82	975.68	1050.19	.10	15.88	33.59	9.16
C1	7	751453	4283132	401.73	975.68	1050.20	.10	15.85	33.58	9.13
C1	8	751469	4283150	401.64	975.62	1050.22	.10	15.75	33.57	9.04
C1	9	751486	4283169	401.17	975.70	1050.23	.10	15.71	33.54	9.00
C1	10	751502	4283188	400.70	975.73	1050.24	.10	15.67	33.50	8.97
C1	11	751519	4283206	400.50	975.76	1050.26	.10	15.60	33.48	8.90
C1	12	751535	4283225	400.35	975.76	1050.27	.10	15.55	33.46	8.86
C1	13	751552	4283243	399.47	976.03	1050.29	.10	15.61	33.39	8.93
C1	14	751570	4283264	398.66	976.38	1050.30	.10	15.75	33.33	9.09
C1	15	751587	4283284	398.03	976.58	1050.32	.10	15.80	33.27	9.14
C1	16	751603	4283302	397.06	976.83	1050.33	.10	15.82	33.19	9.18
C1	17	751620	4283321	396.36	977.03	1050.35	.10	15.85	33.13	9.22
C1	18	751637	4283340	395.51	977.34	1050.36	.10	15.95	33.06	9.34
C1	19	751654	4283359	394.11	977.64	1050.38	.10	15.92	32.94	9.33
C1	20	751670	4283377	393.06	977.84	1050.39	.10	15.87	32.86	9.30
C1	21	751687	4283396	391.54	978.21	1050.41	.09	15.88	32.73	9.33



GRAVIMETRIA EN PUEBLA DE LA REINA  
 DENSIDAD DE REDUCCION 2.4

PER	NUM	X	Y	Z	G	GN	T	A	C	R1
C1	22	751704	4283415	389.90	978.62	1050.42	.09	15.90	32.60	9.39
C1	23	751721	4283434	387.93	979.05	1050.43	.09	15.87	32.43	9.39
C1	24	751737	4283453	387.18	979.23	1050.45	.09	15.87	32.38	9.39
C1	25	751754	4283471	386.85	979.34	1050.46	.09	15.89	32.35	9.42
C1	26	751771	4283489	386.75	979.40	1050.48	.08	15.91	32.34	9.44
C1	27	751788	4283508	386.06	979.55	1050.49	.09	15.89	32.28	9.44
C1	28	751804	4283526	385.41	979.83	1050.51	.09	16.01	32.23	9.57
C1	29	751821	4283545	384.74	980.01	1050.52	.09	16.03	32.17	9.59
C1	30	751838	4283566	384.10	980.20	1050.54	.08	16.06	32.12	9.63
C1	31	751854	4283582	383.06	980.46	1050.55	.08	16.07	32.03	9.66
C1	32	751872	4283601	381.67	980.83	1050.56	.09	16.11	31.91	9.73
C1	33	751888	4283619	380.62	981.06	1050.58	.08	16.09	31.83	9.73
C1	34	751905	4283638	379.64	981.34	1050.59	.08	16.14	31.74	9.79
C1	35	751921	4283656	378.81	981.60	1050.61	.08	16.20	31.68	9.86
C1	36	751938	4283674	378.04	981.85	1050.62	.08	16.26	31.61	9.94
C1	37	751954	4283692	377.41	981.99	1050.63	.08	16.24	31.56	9.93
C1	38	751971	4283710	376.80	982.14	1050.65	.08	16.24	31.51	9.94
C1	39	751987	4283729	375.89	982.44	1050.66	.09	16.33	31.43	10.04
C1	40	752004	4283747	375.44	982.60	1050.68	.09	16.37	31.39	10.09
C1	41	752021	4283766	375.09	982.72	1050.69	.09	16.40	31.36	10.13
C1	42	752037	4283784	374.96	982.77	1050.70	.09	16.40	31.35	10.13
C1	43	752054	4283803	375.04	982.90	1050.72	.08	16.54	31.36	10.27
B1	1	751430	4282960	401.11	975.50	1050.07	.09	15.65	33.54	8.94
B1	2	751446	4282978	402.06	975.36	1050.08	.09	15.72	33.62	8.99
B1	3	751462	4282997	402.53	975.27	1050.09	.10	15.72	33.65	8.99
B1	4	751479	4283015	402.82	975.25	1050.11	.10	15.76	33.67	9.02
B1	5	751496	4283034	403.31	975.23	1050.12	.10	15.83	33.71	9.09
B1	6	751512	4283052	403.63	975.17	1050.14	.11	15.83	33.74	9.09
B1	7	751529	4283070	403.20	975.32	1050.15	.10	15.87	33.70	9.13
B1	8	751546	4283089	402.83	975.48	1050.17	.10	15.93	33.67	9.20
B1	9	751564	4283108	402.10	975.59	1050.18	.10	15.86	33.61	9.14
B1	10	751581	4283127	401.82	975.57	1050.19	.10	15.76	33.59	9.05
B1	11	751598	4283146	401.08	975.64	1050.21	.10	15.65	33.53	8.95
B1	12	751614	4283164	400.62	975.76	1050.22	.10	15.66	33.49	8.96
B1	13	751631	4283183	399.73	975.96	1050.24	.10	15.64	33.41	8.96
B1	14	751647	4283202	398.99	976.27	1050.25	.10	15.77	33.35	9.10
B1	15	751664	4283219	398.31	976.41	1050.27	.10	15.74	33.30	9.08
B1	16	751681	4283239	397.58	976.60	1050.28	.10	15.75	33.24	9.10
B1	17	751697	4283258	396.78	976.88	1050.30	.09	15.84	33.17	9.20
B1	18	751714	4283276	395.87	977.14	1050.31	.09	15.88	33.10	9.26
B1	19	751730	4283294	394.79	977.55	1050.32	.09	16.03	33.01	9.43
B1	20	751746	4283313	393.52	977.92	1050.34	.09	16.09	32.90	9.51
B1	21	751763	4283332	392.38	978.04	1050.35	.09	15.94	32.81	9.38
B1	22	751779	4283350	391.17	978.35	1050.37	.09	15.97	32.71	9.42
B1	23	751796	4283369	390.17	978.58	1050.38	.09	15.96	32.63	9.43
B1	24	751813	4283382	388.98	978.82	1050.39	.08	15.92	32.53	9.41
B1	25	751829	4283406	387.58	979.18	1050.41	.08	15.94	32.41	9.46
B1	26	751845	4283424	386.57	979.41	1050.42	.08	15.93	32.33	9.46
B1	27	751862	4283443	385.62	979.67	1050.44	.08	15.96	32.25	9.51
B1	28	751879	4283461	384.39	979.90	1050.45	.08	15.90	32.15	9.47

GRAVIMETRIA EN PUEBLA DE LA REINA  
 DENSIDAD DE REDUCCION 2.4

PER	NUM	X	Y	Z	G	GN	T	A	C	RI
B1	29	751895	4283480	383.22	980.18	1050.47	.08	15.90	32.05	9.49
B1	30	751912	4283498	382.43	980.43	1050.48	.08	15.96	31.99	9.56
B1	31	751930	4283516	381.39	980.68	1050.49	.08	15.96	31.90	9.59
B1	32	751944	4283540	380.76	980.88	1050.51	.08	16.01	31.84	9.64
B1	33	751963	4283553	380.03	981.10	1050.52	.08	16.05	31.78	9.69
B1	34	751979	4283572	379.42	981.28	1050.54	.08	16.08	31.73	9.73
B1	35	751997	4283589	378.97	981.55	1050.55	.08	16.23	31.69	9.89
B1	36	752013	4283608	378.33	981.61	1050.57	.08	16.13	31.64	9.80
B1	37	752028	4283625	377.85	981.69	1050.58	.08	16.09	31.60	9.77
B1	38	752044	4283643	377.80	981.71	1050.59	.08	16.09	31.60	9.77
B1	39	752063	4283664	377.69	981.77	1050.61	.08	16.11	31.59	9.79
B1	40	752079	4283682	377.85	981.88	1050.62	.08	16.24	31.60	9.92
B1	41	752094	4283700	378.05	981.93	1050.64	.08	16.32	31.62	10.00
A1	1	751503	4282895	405.40	974.60	1050.01	.10	15.78	33.89	9.01
A1	2	751519	4282914	405.48	974.58	1050.03	.10	15.77	33.89	8.99
A1	3	751537	4282933	405.44	974.63	1050.04	.10	15.79	33.89	9.02
A1	4	751554	4282952	405.58	974.66	1050.06	.11	15.85	33.90	9.07
A1	5	751571	4282970	405.18	974.77	1050.07	.11	15.85	33.86	9.08
A1	6	751588	4282989	404.66	974.90	1050.08	.11	15.85	33.82	9.09
A1	7	751605	4283007	404.09	975.01	1050.10	.11	15.82	33.77	9.07
A1	8	751622	4283026	402.97	975.29	1050.11	.10	15.83	33.68	9.09
A1	9	751638	4283045	402.05	975.46	1050.13	.10	15.78	33.60	9.06
A1	10	751655	4283063	401.31	975.58	1050.14	.10	15.72	33.54	9.01
A1	11	751673	4283082	400.67	975.66	1050.16	.10	15.64	33.49	8.94
A1	12	751689	4283100	400.22	975.71	1050.17	.10	15.57	33.45	8.88
A1	13	751706	4283118	399.61	975.91	1050.18	.10	15.62	33.40	8.94
A1	14	751722	4283136	398.73	976.09	1050.20	.10	15.59	33.33	8.92
A1	15	751738	4283154	397.88	976.38	1050.21	.10	15.67	33.26	9.02
A1	16	751754	4283173	397.24	976.64	1050.23	.10	15.77	33.21	9.13
A1	17	751770	4283191	396.54	976.81	1050.24	.09	15.77	33.15	9.14
A1	18	751787	4283210	395.52	977.08	1050.26	.09	15.79	33.07	9.18
A1	19	751804	4283228	394.54	977.42	1050.27	.09	15.90	32.99	9.30
A1	20	751820	4283247	393.50	977.78	1050.28	.09	16.00	32.90	9.42
A1	21	751836	4283266	392.22	978.02	1050.30	.09	15.94	32.80	9.38
A1	22	751853	4283284	391.05	978.29	1050.31	.08	15.93	32.70	9.39
A1	23	751870	4283303	390.18	978.51	1050.33	.08	15.94	32.63	9.41
A1	24	751886	4283321	389.23	978.77	1050.34	.08	15.97	32.55	9.46
A1	25	751903	4283340	388.52	978.91	1050.36	.08	15.94	32.49	9.44
A1	26	751920	4283359	387.06	979.23	1050.37	.08	15.91	32.37	9.44
A1	27	751939	4283379	385.74	979.53	1050.39	.08	15.90	32.26	9.45
A1	28	751952	4283395	384.67	979.72	1050.40	.08	15.83	32.17	9.40
A1	29	751969	4283414	383.47	979.99	1050.41	.08	15.82	32.07	9.41
A1	30	751986	4283432	382.44	980.24	1050.43	.08	15.83	32.99	9.44
A1	31	752003	4283451	381.60	980.43	1050.44	.08	15.81	31.92	9.43
A1	32	752019	4283469	380.90	980.65	1050.45	.08	15.86	31.86	9.49
A1	33	752036	4283487	380.49	980.87	1050.47	.08	15.97	31.82	9.61
A1	34	752072	4283519	380.21	981.01	1050.49	.08	16.03	31.80	9.67
A	1	751619	4282871	405.65	974.61	1049.99	.11	15.88	33.90	9.10
A	2	751634	4282888	404.76	974.83	1050.00	.11	15.88	33.83	9.12
A	3	751649	4282904	403.87	975.00	1050.02	.11	15.84	33.75	9.09

GRAVIMETRIA EN PUEBLA DE LA REINA  
 DENSIDAD DE REDUCCION 2.4

PER	NUM	X	Y	Z	G	GN	T	A	C	R1
A	4	751664	4282922	403.01	975.18	1050.03	.11	15.81	33.68	9.08
A	5	751680	4282939	402.08	975.42	1050.04	.11	15.83	33.60	9.11
A	6	751695	4282956	401.01	975.62	1050.06	.10	15.77	33.52	9.07
A	7	751710	4282973	400.26	975.92	1050.07	.10	15.89	33.46	9.19
A	8	751726	4282990	399.56	975.91	1050.08	.10	15.71	33.40	9.03
A	9	751741	4283007	398.56	976.14	1050.10	.10	15.70	33.32	9.04
A	10	751757	4283024	398.04	976.18	1050.11	.09	15.61	33.28	8.95
A	11	751772	4283041	397.54	976.34	1050.12	.09	15.64	33.24	8.99
A	12	751787	4283058	397.04	976.42	1050.13	.09	15.59	33.20	8.95
A	13	751803	4283075	396.61	976.53	1050.15	.09	15.59	33.16	8.96
A	14	751818	4283092	396.12	976.73	1050.16	.09	15.67	33.12	9.04
A	15	751834	4283109	395.58	976.90	1050.17	.09	15.70	33.08	9.09
A	16	751849	4283126	395.07	977.10	1050.19	.09	15.77	33.03	9.17
A	17	751865	4283143	394.67	977.24	1050.20	.09	15.81	33.00	9.21
A	18	751880	4283161	393.99	977.39	1050.21	.09	15.79	32.95	9.20
A	19	751895	4283177	393.25	977.71	1050.23	.09	15.93	32.88	9.36
A	20	751911	4283194	392.40	978.03	1050.24	.09	16.05	32.81	9.49
A	21	751926	4283211	391.01	978.40	1050.25	.09	16.09	32.70	9.55
A	22	751939	4283227	390.10	978.54	1050.26	.08	16.01	32.62	9.49
A	23	751955	4283245	388.70	978.77	1050.28	.09	15.92	32.50	9.42
A	24	751970	4283262	387.96	978.94	1050.29	.08	15.90	32.45	9.41
A	25	751984	4283278	387.13	979.11	1050.30	.08	15.87	32.38	9.40
A	26	752000	4283296	386.33	979.26	1050.32	.09	15.84	32.30	9.38
A	27	752014	4283311	385.39	979.50	1050.33	.08	15.85	32.23	9.40
A	28	752029	4283329	384.57	979.68	1050.34	.08	15.83	32.16	9.39
A	29	752044	4283346	383.80	979.85	1050.36	.08	15.81	32.10	9.39
A	30	752060	4283364	383.17	980.00	1050.37	.08	15.81	32.05	9.40
A	31	752077	4283384	382.50	980.25	1050.39	.08	15.89	31.99	9.49
A	32	752093	4283402	381.88	980.29	1050.40	.08	15.78	31.94	9.39
A	33	752110	4283420	381.53	980.46	1050.41	.08	15.85	31.91	9.47
A	34	752126	4283439	381.33	980.63	1050.43	.07	15.96	31.90	9.58
A	35	752139	4283454	381.55	980.66	1050.44	.07	16.03	31.91	9.65
B	1	751677	4282793	407.61	974.17	1049.93	.11	15.94	34.06	9.13
B	2	751693	4282811	406.58	974.46	1049.94	.11	15.99	33.98	9.19
B	3	751709	4282827	405.14	974.76	1049.95	.10	15.95	33.86	9.17
B	4	751724	4282844	403.83	975.03	1049.97	.10	15.91	33.76	9.16
B	5	751739	4282860	403.14	975.21	1049.98	.10	15.92	33.70	9.18
B	6	751755	4282877	402.81	975.24	1049.99	.10	15.86	33.67	9.13
B	7	751770	4282893	402.20	975.39	1050.00	.10	15.86	33.62	9.14
B	8	751787	4282910	401.25	975.59	1050.02	.10	15.83	33.54	9.12
B	9	751802	4282927	400.62	975.69	1050.03	.10	15.78	33.49	9.08
B	10	751818	4282944	399.84	975.82	1050.04	.10	15.72	33.42	9.04
B	11	751834	4282961	399.23	975.95	1050.06	.10	15.70	33.37	9.03
B	12	751850	4282977	398.29	976.19	1050.07	.10	15.72	33.29	9.06
B	13	751866	4282993	397.52	976.22	1050.08	.10	15.56	33.23	8.91
B	14	751880	4283010	396.80	976.30	1050.09	.10	15.47	33.16	8.84
B	15	751896	4283026	395.89	976.56	1050.11	.11	15.52	33.09	8.90
B	16	751917	4283050	395.61	976.77	1050.12	.10	15.64	33.07	9.02
B	17	751934	4283068	394.35	977.13	1050.14	.09	15.69	32.97	9.10
B	18	751950	4283086	393.31	977.45	1050.15	.09	15.77	32.88	9.19

GRAVIMETRIA EN PUEBLA DE LA REINA  
 DENSIDAD DE REDUCCION 2.4

PER	NUM	X	Y	Z	G	GN	T	A	C	RI
B	19	751965	4283103	392.94	977.69	1050.17	.09	15.91	32.85	9.34
B	20	751981	4283120	391.61	978.02	1050.18	.09	15.93	32.74	9.38
B	21	751996	4283138	390.46	978.21	1050.19	.09	15.84	32.65	9.32
B	22	752012	4283156	389.03	978.48	1050.21	.09	15.78	32.53	9.27
B	23	752028	4283173	387.88	978.74	1050.22	.09	15.77	32.43	9.28
B	24	752043	4283191	386.51	979.02	1050.23	.09	15.73	32.31	9.26
B	25	752059	4283209	384.58	979.43	1050.25	.09	15.69	32.16	9.25
B	26	752075	4283227	383.26	979.76	1050.26	.09	15.71	32.04	9.30
B	27	752090	4283245	381.95	980.00	1050.28	.09	15.64	31.93	9.26
B	28	752105	4283261	380.89	980.27	1050.29	.09	15.66	31.84	9.29
B	29	752120	4283278	379.91	980.50	1050.30	.09	15.66	31.76	9.31
B	30	752135	4283297	378.78	980.69	1050.32	.10	15.59	31.66	9.25
C	1	751751	4282722	406.27	974.39	1049.87	.11	15.92	33.96	9.13
C	2	751766	4282739	404.72	974.78	1049.88	.10	15.94	33.83	9.18
C	3	751781	4282756	403.92	974.94	1049.89	.10	15.91	33.76	9.15
C	4	751796	4282772	403.16	975.08	1049.91	.10	15.87	33.70	9.13
C	5	751811	4282788	402.12	975.32	1049.92	.10	15.86	33.61	9.14
C	6	751826	4282805	400.02	975.74	1049.93	.10	15.79	33.44	9.10
C	7	751842	4282822	399.02	975.94	1049.95	.10	15.75	33.36	9.08
C	8	751857	4282838	398.14	976.13	1049.96	.10	15.74	33.28	9.08
C	9	751872	4282855	396.17	976.50	1049.97	.11	15.65	33.11	9.03
C	10	751887	4282871	394.29	976.88	1049.98	.10	15.59	32.96	9.00
C	11	751902	4282888	393.97	976.93	1050.00	.10	15.55	32.93	8.97
C	12	751918	4282905	395.38	976.58	1050.01	.12	15.53	33.03	8.93
C	13	751935	4282924	393.91	976.85	1050.02	.09	15.43	32.94	8.84
C	14	751950	4282940	393.55	976.87	1050.04	.09	15.35	32.91	8.77
C	15	751966	4282957	392.97	977.05	1050.05	.09	15.39	32.86	8.82
C	16	751981	4282974	392.98	976.63	1050.06	.09	14.96	32.85	<del>8.82</del> 8.9
C	17	751997	4282992	392.80	977.31	1050.08	.09	15.59	32.84	9.02
C	18	752014	4283011	392.74	977.36	1050.09	.09	15.61	32.84	9.04
C	19	752030	4283029	392.57	977.46	1050.11	.09	15.66	32.82	9.09
C	20	752046	4283048	391.09	977.83	1050.12	.09	15.68	32.70	9.14
C	21	752062	4283066	389.84	978.12	1050.13	.09	15.67	32.60	9.15
C	22	752078	4283083	388.68	978.36	1050.15	.09	15.64	32.50	9.14
C	23	752094	4283101	387.75	978.60	1050.16	.09	15.65	32.42	9.17
C	24	752110	4283119	386.90	978.82	1050.17	.09	15.67	32.35	9.20
C	25	752126	4283137	385.45	979.12	1050.19	.10	15.64	32.22	9.19
C	26	752142	4283155	383.76	979.46	1050.20	.10	15.59	32.07	9.17
C	27	752159	4283173	381.32	980.00	1050.22	.10	15.57	31.87	9.19
C	28	752175	4283192	378.93	980.55	1050.23	.11	15.57	31.66	9.24
C	29	752193	4283212	377.10	980.89	1050.25	.13	15.50	31.49	9.21
C	30	752211	4283231	380.14	980.33	1050.26	.10	15.59	31.77	9.23
D	1	751845	4282664	406.66	974.15	1049.82	.11	15.82	33.99	9.02
D	2	751860	4282681	405.02	974.53	1049.83	.10	15.81	33.85	9.04
D	3	751876	4282699	403.83	974.75	1049.85	.10	15.75	33.76	8.99
D	4	751891	4282716	402.34	975.10	1049.86	.10	15.74	33.63	9.02
D	5	751906	4282733	400.47	975.52	1049.87	.10	15.73	33.48	9.04
D	6	751921	4282750	398.24	975.97	1049.89	.10	15.67	33.29	9.01
D	7	751936	4282767	396.67	976.24	1049.90	.10	15.57	33.16	8.94
D	8	751951	4282784	394.52	976.70	1049.91	.09	15.53	32.99	8.93

GRAVIMETRIA EN PUEBLA DE LA REINA  
 DENSIDAD DE REDUCCION 2.4

PER	NUM	X	Y	Z	G	GN	T	A	C	A1
D	9	751966	4282801	393.83	976.76	1049.93	.11	15.44	32.90	8.86
D	10	751982	4282819	391.41	977.31	1049.94	.09	15.41	32.73	8.87
D	11	751997	4282837	390.85	977.32	1049.95	.09	15.28	32.68	8.74
D	12	752013	4282854	390.56	977.33	1049.97	.09	15.21	32.66	8.68
D	13	752028	4282871	389.76	977.51	1049.98	.09	15.20	32.59	8.68
D	14	752043	4282889	388.54	977.89	1049.99	.09	15.29	32.49	8.79
D	15	752058	4282906	387.53	978.14	1050.01	.09	15.30	32.40	8.82
D	16	752074	4282924	387.17	978.25	1050.02	.09	15.32	32.37	8.84
D	17	752089	4282941	387.01	978.39	1050.03	.09	15.41	32.36	8.94
D	18	752105	4282958	387.93	978.23	1050.05	.09	15.44	32.43	8.96
D	19	752120	4282975	386.83	978.47	1050.06	.10	15.43	32.33	8.96
D	20	752135	4282993	385.74	978.78	1050.07	.10	15.48	32.24	9.04
D	21	752149	4283009	384.38	979.07	1050.09	.10	15.46	32.12	9.03
D	22	752165	4283027	383.20	979.35	1050.10	.11	15.46	32.02	9.06
D	23	752180	4283044	381.78	979.64	1050.11	.12	15.43	31.89	9.05
D	24	752195	4283062	380.47	979.92	1050.13	.12	15.40	31.78	9.04
D	25	752210	4283079	379.49	980.15	1050.14	.12	15.40	31.70	9.06
D	26	752225	4283097	380.24	980.02	1050.15	.11	15.42	31.77	9.06
D	27	752240	4283114	381.47	979.82	1050.17	.10	15.47	31.88	9.09
D	28	752255	4283131	383.85	979.43	1050.18	.10	15.60	32.08	9.18
D	29	752270	4283148	384.40	979.43	1050.19	.09	15.70	32.14	9.28
D	30	752285	4283165	383.85	979.54	1050.21	.09	15.68	32.09	9.26
D	31	752300	4283183	382.80	979.73	1050.22	.09	15.61	32.00	9.21
D	32	752315	4283200	381.81	979.96	1050.23	.10	15.61	31.92	9.23
D	33	752331	4283218	380.33	980.24	1050.25	.09	15.55	31.79	9.19
D	34	752346	4283236	378.94	980.64	1050.26	.10	15.63	31.67	9.29
D	35	752362	4283253	377.65	980.87	1050.27	.11	15.57	31.55	9.26
E	1	751911	4282594	408.48	973.30	1049.76	.12	15.44	34.13	8.62
E	2	751927	4282612	406.22	974.16	1049.78	.11	15.77	33.94	8.98
E	3	751942	4282629	403.64	974.79	1049.79	.12	15.82	33.72	9.08
E	4	751959	4282648	402.49	975.00	1049.80	.10	15.73	33.65	9.00
E	5	751975	4282665	400.52	975.38	1049.82	.09	15.65	33.49	8.96
E	6	751990	4282682	398.85	975.74	1049.83	.09	15.62	33.35	8.95
E	7	752006	4282699	397.43	976.02	1049.84	.09	15.57	33.23	8.92
E	8	752021	4282716	396.32	976.27	1049.86	.09	15.55	33.14	8.93
E	9	752037	4282733	394.85	976.54	1049.87	.09	15.48	33.02	8.88
E	10	752052	4282751	393.02	976.91	1049.88	.09	15.43	32.86	8.86
E	11	752068	4282769	391.95	976.92	1049.90	.09	15.18	32.77	8.63
E	12	752083	4282785	390.33	977.28	1049.91	.09	15.17	32.63	8.64
E	13	752097	4282802	389.19	977.49	1049.92	.10	15.12	32.53	8.62
E	14	752113	4282819	387.02	978.00	1049.94	.10	15.12	32.35	8.65
E	15	752128	4282836	385.83	978.36	1049.95	.10	15.20	32.25	8.75
E	16	752143	4282853	384.68	978.67	1049.96	.10	15.24	32.15	8.81
E	17	752159	4282870	384.05	978.87	1049.98	.10	15.29	32.10	8.87
E	18	752175	4282888	383.25	979.05	1049.99	.10	15.28	32.03	8.87
E	19	752190	4282905	382.95	979.16	1050.00	.11	15.31	32.00	8.91
E	20	752206	4282922	383.56	979.08	1050.02	.10	15.35	32.05	8.94
E	21	752221	4282939	383.55	978.94	1050.03	.10	15.20	32.05	8.79
E	22	752237	4282956	383.68	979.12	1050.04	.10	15.39	32.07	8.98
E	23	752252	4282973	383.92	979.10	1050.06	.10	15.41	32.09	8.99

GRAVIMETRIA EN PUEBLA DE LA REINA  
 DENSIDAD DE REDUCCION 2.4

PAG. N° 10

PER	NUM	X	Y	Z	G	GN	T	A	C	R1
E	24	752267	4282990	384.20	979.12	1050.07	.09	15.48	32.12	9.05
E	25	752283	4283007	385.19	978.94	1050.08	.09	15.50	32.20	9.06
E	26	752297	4283024	386.38	978.78	1050.09	.09	15.59	32.31	9.13
E	27	752312	4283043	386.80	978.73	1050.11	.09	15.62	32.34	9.15
E	28	752328	4283060	385.55	979.01	1050.12	.09	15.61	32.24	9.16
E	29	752343	4283078	384.05	979.38	1050.14	.09	15.63	32.11	9.21
E	30	752359	4283096	382.51	979.65	1050.15	.09	15.54	31.98	9.15
E	31	752375	4283113	380.86	980.00	1050.16	.09	15.51	31.84	9.14
E	32	752392	4283131	379.50	980.29	1050.18	.10	15.48	31.72	9.14
E	33	752408	4283149	378.46	980.49	1050.19	.10	15.44	31.63	9.11
E	34	752421	4283164	377.44	980.74	1050.20	.10	15.45	31.54	9.14
E	35	752438	4283183	376.01	981.22	1050.22	.11	15.60	31.42	9.31
E	36	752455	4283202	375.13	981.50	1050.23	.11	15.67	31.34	9.41
E	37	752473	4283221	375.58	981.36	1050.25	.13	15.63	31.36	9.36
E	38	752488	4283237	375.74	981.22	1050.26	.11	15.50	31.40	9.22
E	39	752503	4283255	376.67	981.15	1050.27	.10	15.61	31.48	9.32
E	40	752519	4283272	377.67	981.03	1050.29	.09	15.70	31.57	9.39
E	41	752534	4283289	378.92	980.96	1050.30	.09	15.89	31.68	9.56
F	1	751974	4282527	405.53	974.48	1049.71	.11	16.00	33.89	9.22
F	2	751990	4282544	403.35	974.84	1049.72	.10	15.85	33.72	9.10
F	3	752005	4282561	401.51	975.21	1049.73	.09	15.79	33.57	9.07
F	4	752021	4282579	399.93	975.55	1049.75	.09	15.76	33.44	9.07
F	5	752037	4282595	398.12	975.89	1049.76	.09	15.68	33.29	9.02
F	6	752053	4282613	396.80	976.09	1049.77	.09	15.57	33.18	8.93
F	7	752069	4282630	395.14	976.52	1049.79	.09	15.61	33.04	9.01
F	8	752084	4282647	393.45	976.73	1049.80	.10	15.43	32.89	8.86
F	9	752100	4282664	392.68	976.85	1049.81	.10	15.37	32.83	8.80
F	10	752116	4282681	391.41	977.14	1049.83	.09	15.36	32.72	8.81
F	11	752132	4282699	390.61	977.30	1049.84	.09	15.32	32.66	8.79
F	12	752141	4282716	389.74	977.50	1049.85	.09	15.31	32.58	8.80
F	13	752163	4282733	388.13	977.67	1049.87	.10	15.11	32.44	8.62
F	14	752179	4282750	387.07	977.86	1049.88	.10	15.05	32.35	8.58
F	15	752194	4282767	385.99	978.24	1049.89	.10	15.18	32.26	8.73
F	16	752210	4282783	385.43	978.44	1049.91	.10	15.24	32.21	8.80
F	17	752226	4282801	384.81	978.63	1049.92	.12	15.29	32.15	8.86
F	18	752241	4282818	387.28	978.20	1049.93	.10	15.39	32.37	8.92
F	19	752257	4282835	389.17	977.85	1049.95	.09	15.44	32.54	8.93
F	20	752273	4282852	389.43	977.62	1049.96	.09	15.25	32.56	8.74
F	21	752288	4282869	389.58	977.86	1049.97	.08	15.51	32.58	9.00
F	22	752304	4282886	389.88	977.83	1049.98	.08	15.53	32.60	9.01
F	23	752320	4282904	389.55	977.93	1050.00	.08	15.55	32.58	9.03
F	24	752336	4282922	388.93	978.09	1050.01	.08	15.55	32.53	9.05
F	25	752353	4282940	387.76	978.28	1050.03	.08	15.47	32.43	8.98
F	26	752368	4282957	386.85	978.50	1050.04	.08	15.47	32.35	9.00
F	27	752384	4282975	386.03	978.67	1050.05	.08	15.44	32.28	8.98
F	28	752400	4282992	385.02	978.95	1050.07	.09	15.48	32.19	9.04
F	29	752416	4283010	383.68	979.24	1050.08	.09	15.46	32.08	9.04
F	30	752433	4283029	382.33	979.53	1050.10	.09	15.43	31.96	9.04
F	31	752451	4283045	380.86	979.83	1050.11	.09	15.40	31.84	9.03
F	32	752468	4283063	379.56	980.10	1050.12	.10	15.36	31.72	9.02

GRAVIMETRIA EN PUEBLA DE LA REINA  
 DENSIDAD DE REDUCCION 2.4

PER	NUM	X	Y	Z	G	GN	T	A	C	A1
F	33	752484	4283081	377.89	980.43	1050.14	.10	15.31	31.58	8.99
F	34	752501	4283099	375.97	980.66	1050.15	.11	15.10	31.41	8.82
F	35	752519	4283116	375.09	980.90	1050.16	.12	15.14	31.33	8.87
F	36	752531	4283131	376.14	980.83	1050.17	.11	15.29	31.42	9.01
F	37	752549	4283151	376.78	980.84	1050.19	.11	15.42	31.48	9.12
F	38	752565	4283169	377.61	980.75	1050.20	.10	15.50	31.56	9.19
F	39	752582	4283187	378.54	980.69	1050.22	.10	15.63	31.64	9.30
F	40	752596	4283203	379.71	980.56	1050.23	.09	15.75	31.74	9.40
F	41	752614	4283223	381.67	980.29	1050.24	.09	15.90	31.91	9.51
G	1	752020	4282433	403.91	974.59	1049.63	.09	15.81	33.77	9.05
G	2	752037	4282451	403.63	974.66	1049.65	.09	15.80	33.75	9.05
G	3	752053	4282470	403.18	974.76	1049.66	.08	15.78	33.72	9.03
G	4	752070	4282488	402.91	974.77	1049.67	.09	15.71	33.69	8.98
G	5	752087	4282506	402.34	974.93	1049.69	.08	15.73	33.65	9.00
G	6	752104	4282524	401.03	975.17	1049.70	.08	15.66	33.54	8.96
G	7	752121	4282543	399.37	975.51	1049.72	.09	15.62	33.40	8.94
G	8	752138	4282561	397.69	975.87	1049.73	.09	15.59	33.26	8.93
G	9	752154	4282579	396.10	976.17	1049.74	.08	15.51	33.12	8.89
G	10	752171	4282598	394.21	976.54	1049.76	.09	15.45	32.96	8.86
G	11	752188	4282616	393.00	976.75	1049.77	.09	15.37	32.86	8.80
G	12	752204	4282633	392.37	976.92	1049.79	.09	15.39	32.81	8.83
G	13	752221	4282652	390.95	977.22	1049.80	.09	15.36	32.68	8.82
G	14	752239	4282670	389.56	977.55	1049.82	.10	15.36	32.57	8.85
G	15	752256	4282688	388.34	977.73	1049.83	.10	15.26	32.46	8.77
G	16	752273	4282707	386.92	978.07	1049.84	.10	15.27	32.34	8.80
G	17	752289	4282724	386.43	978.23	1049.86	.11	15.32	32.28	8.86
G	18	752307	4282742	388.55	977.89	1049.87	.11	15.44	32.46	8.94
G	19	752323	4282760	390.97	977.54	1049.88	.09	15.60	32.68	9.06
G	20	752340	4282778	391.39	977.49	1049.90	.09	15.63	32.72	9.08
G	21	752357	4282796	390.32	977.66	1049.91	.09	15.54	32.64	9.01
G	22	752374	4282814	388.58	977.99	1049.93	.09	15.47	32.49	8.97
G	23	752391	4282832	387.13	978.29	1049.94	.09	15.43	32.37	8.96
G	24	752407	4282850	386.07	978.55	1049.95	.09	15.44	32.28	8.98
G	25	752424	4282868	385.12	978.72	1049.97	.09	15.38	32.20	8.94
G	26	752440	4282886	384.34	978.96	1049.98	.09	15.43	32.13	9.01
G	27	752457	4282904	383.39	979.15	1050.00	.10	15.40	32.05	8.99
G	28	752474	4282922	382.50	979.32	1050.01	.10	15.35	31.97	8.96
G	29	752491	4282940	381.45	979.59	1050.02	.10	15.38	31.88	9.00
G	30	752508	4282960	380.29	979.81	1050.04	.10	15.32	31.78	8.97
G	31	752525	4282979	379.32	980.10	1050.05	.10	15.38	31.70	9.04
G	32	752541	4282997	378.42	980.35	1050.07	.10	15.42	31.62	9.09
G	33	752558	4283015	377.68	980.52	1050.08	.11	15.41	31.56	9.10
G	34	752575	4283033	376.47	980.82	1050.09	.12	15.43	31.45	9.14
G	35	752593	4283052	376.40	980.81	1050.11	.12	15.40	31.44	9.11
G	36	752610	4283069	377.00	980.75	1050.12	.11	15.45	31.50	9.15
G	37	752626	4283087	377.69	980.67	1050.14	.11	15.51	31.56	9.20
G	38	752643	4283106	379.03	980.48	1050.15	.10	15.60	31.68	9.26
G	39	752660	4283124	380.51	980.28	1050.16	.10	15.71	31.81	9.35
G	40	752677	4283142	382.36	980.05	1050.18	.09	15.88	31.96	9.49
G	41	752693	4283159	383.76	979.78	1050.19	.09	15.91	32.09	9.49

GRAVIMETRIA EN PUEBLA DE LA REINA  
 DENSIDAD DE REDUCCION 2.4

PER	NUM	X	Y	Z	G	GN	T	A	C	A1
H	1	752101	4282362	402.89	974.82	1049.57	.10	15.87	33.68	9.13
H	2	752118	4282380	400.72	975.27	1049.59	.09	15.82	33.50	9.12
H	3	752134	4282398	399.28	975.54	1049.60	.09	15.75	33.38	9.07
H	4	752150	4282416	398.50	975.60	1049.62	.09	15.62	33.32	8.96
H	5	752167	4282435	397.84	975.69	1049.63	.09	15.55	33.26	8.89
H	6	752183	4282453	397.28	975.55	1049.64	.09	15.27	33.22	8.62
H	7	752200	4282472	396.71	976.05	1049.66	.09	15.62	33.17	8.99
H	8	752217	4282491	395.64	976.19	1049.67	.09	15.51	33.08	8.89
H	9	752234	4282509	394.24	976.51	1049.69	.09	15.50	32.96	8.91
H	10	752250	4282527	392.79	976.76	1049.70	.10	15.42	32.83	8.85
H	11	752268	4282546	391.13	977.12	1049.72	.10	15.40	32.69	8.86
H	12	752284	4282564	389.28	977.50	1049.73	.12	15.36	32.52	8.86
H	13	752300	4282582	389.58	977.47	1049.74	.11	15.37	32.56	8.86
H	14	752318	4282602	391.56	977.12	1049.76	.10	15.44	32.73	8.90
H	15	752335	4282620	391.34	977.17	1049.77	.10	15.43	32.71	8.89
H	16	752351	4282638	392.31	977.09	1049.79	.09	15.55	32.80	8.99
H	17	752368	4282656	392.79	977.04	1049.80	.09	15.59	32.84	9.02
H	18	752384	4282674	392.87	977.02	1049.81	.09	15.57	32.85	9.00
H	19	752401	4282692	392.51	977.01	1049.83	.09	15.47	32.82	8.90
H	20	752417	4282710	392.03	977.12	1049.84	.09	15.45	32.78	8.90
H	21	752434	4282729	390.78	977.43	1049.86	.09	15.47	32.67	8.94
H	22	752450	4282747	389.81	977.63	1049.87	.09	15.44	32.59	8.92
H	23	752467	4282765	388.54	977.85	1049.88	.09	15.36	32.49	8.86
H	24	752483	4282783	387.38	978.12	1049.90	.09	15.36	32.39	8.88
H	25	752499	4282801	386.68	978.31	1049.91	.09	15.37	32.33	8.91
H	26	752516	4282819	385.56	978.56	1049.93	.09	15.36	32.23	8.91
H	27	752532	4282838	384.72	978.71	1049.94	.09	15.31	32.16	8.87
H	28	752548	4282855	384.12	978.94	1049.95	.09	15.39	32.11	8.97
H	29	752565	4282874	383.28	979.12	1049.97	.09	15.37	32.04	8.96
H	30	752582	4282891	382.87	979.27	1049.98	.09	15.41	32.01	9.01
H	31	752598	4282911	381.89	979.49	1050.00	.10	15.40	31.92	9.02
H	32	752615	4282929	380.23	979.81	1050.01	.10	15.34	31.78	8.98
H	33	752631	4282947	378.76	980.08	1050.03	.11	15.27	31.65	8.94
H	34	752648	4282966	377.05	980.40	1050.04	.12	15.20	31.49	8.90
H	35	752664	4282983	376.46	980.56	1050.05	.13	15.22	31.44	8.94
H	36	752681	4283002	377.56	980.43	1050.07	.11	15.31	31.54	9.01
H	37	752697	4283020	378.26	980.33	1050.08	.11	15.35	31.60	9.03
H	38	752714	4283038	379.11	980.24	1050.10	.11	15.44	31.68	9.10
H	39	752730	4283056	380.32	980.07	1050.11	.10	15.52	31.79	9.16
H	40	752747	4283074	381.86	979.81	1050.12	.10	15.59	31.92	9.20
H	41	752764	4283092	383.37	979.54	1050.14	.09	15.64	32.05	9.23
I	1	752169	4282287	401.33	975.21	1049.51	.10	15.98	33.54	9.27
I	2	752186	4282306	401.00	975.18	1049.53	.10	15.86	33.52	9.16
I	3	752203	4282324	399.70	975.38	1049.54	.10	15.76	33.41	9.07
I	4	752220	4282343	397.51	975.76	1049.56	.10	15.63	33.22	8.98
I	5	752237	4282361	396.04	976.02	1049.57	.11	15.55	33.10	8.93
I	6	752254	4282380	394.61	976.30	1049.58	.11	15.50	32.97	8.90
I	7	752270	4282398	393.44	976.50	1049.60	.11	15.42	32.88	8.84
I	8	752288	4282416	392.62	976.59	1049.61	.11	15.31	32.80	8.75
I	9	752304	4282435	392.61	976.59	1049.63	.12	15.30	32.80	8.74



GRAVIMETRIA EN PUEBLA DE LA REINA  
 DENSIDAD DE REDUCCION 2.4

PER	NUM	X	Y	Z	G	GN	T	A	C	A1
I	10	752321	4282454	392.55	976.66	1049.64	.11	15.33	32.80	8.77
I	11	752338	4282472	392.60	976.65	1049.66	.11	15.32	32.81	8.76
I	12	752354	4282490	393.87	976.53	1049.67	.10	15.46	32.92	8.88
I	13	752371	4282509	395.10	976.30	1049.68	.09	15.49	33.03	8.88
I	14	752388	4282528	394.56	976.42	1049.70	.09	15.47	32.99	8.87
I	15	752404	4282547	393.50	976.68	1049.71	.09	15.47	32.90	8.89
I	16	752421	4282565	392.23	976.99	1049.73	.09	15.49	32.79	8.93
I	17	752438	4282584	391.20	977.18	1049.74	.09	15.43	32.70	8.89
I	18	752455	4282602	390.47	977.36	1049.76	.09	15.44	32.64	8.91
I	19	752471	4282621	389.56	977.54	1049.77	.10	15.40	32.56	8.89
I	20	752488	4282639	388.79	977.68	1049.78	.09	15.35	32.50	8.85
I	21	752505	4282658	388.32	977.75	1049.80	.10	15.30	32.46	8.81
I	22	752522	4282677	387.18	978.02	1049.81	.10	15.31	32.36	8.84
I	23	752539	4282695	386.05	978.25	1049.83	.11	15.28	32.26	8.82
I	24	752555	4282714	385.26	978.38	1049.84	.11	15.21	32.19	8.78
I	25	752572	4282732	384.42	978.63	1049.86	.11	15.26	32.12	8.84
I	26	752589	4282751	384.01	978.75	1049.87	.11	15.28	32.09	8.86
I	27	752606	4282769	383.17	978.87	1049.88	.12	15.20	32.01	8.80
I	28	752622	4282788	382.74	978.97	1049.90	.11	15.18	31.98	8.79
I	29	752639	4282806	381.96	979.34	1049.91	.11	15.37	31.91	8.98
I	30	752656	4282824	381.15	979.60	1049.93	.11	15.43	31.85	9.06
I	31	752673	4282842	380.98	979.60	1049.94	.11	15.37	31.83	9.01
I	32	752689	4282860	380.04	979.77	1049.95	.11	15.32	31.75	8.98
I	33	752706	4282878	378.69	980.06	1049.97	.12	15.30	31.63	8.98
I	34	752723	4282897	378.03	980.23	1049.98	.12	15.31	31.57	9.00
I	35	752739	4282915	377.43	980.36	1050.00	.13	15.30	31.52	8.99
I	36	752756	4282934	378.19	980.23	1050.01	.12	15.31	31.59	9.00
I	37	752773	4282953	379.52	980.06	1050.03	.11	15.42	31.71	9.08
I	38	752789	4282971	380.98	979.82	1050.04	.10	15.49	31.84	9.12
I	39	752806	4282990	382.23	979.70	1050.05	.10	15.63	31.95	9.24
I	40	752823	4283008	383.56	979.51	1050.07	.10	15.72	32.06	9.31
I	41	752839	4283026	384.51	979.32	1050.08	.09	15.73	32.14	9.30
J	1	752244	4282220	398.54	975.73	1049.46	.12	15.94	33.30	9.28
J	2	752260	4282238	396.82	976.11	1049.47	.13	15.93	33.14	9.30
J	3	752277	4282257	397.66	975.92	1049.49	.12	15.90	33.22	9.26
J	4	752293	4282274	400.90	975.34	1049.50	.11	16.03	33.51	9.33
J	5	752309	4282292	403.28	974.83	1049.51	.11	16.05	33.70	9.31
J	6	752326	4282311	403.59	974.48	1049.53	.10	15.74	33.73	9.00
J	7	752343	4282330	402.86	974.64	1049.54	.10	15.72	33.67	8.99
J	8	752360	4282348	401.66	974.84	1049.56	.10	15.64	33.57	8.93
J	9	752377	4282367	400.44	975.07	1049.57	.11	15.59	33.47	8.89
J	10	752394	4282386	399.54	975.17	1049.59	.10	15.46	33.40	8.78
J	11	752410	4282404	398.94	975.34	1049.60	.10	15.48	33.34	8.82
J	12	752427	4282423	398.12	975.55	1049.61	.10	15.49	33.28	8.84
J	13	752444	4282441	397.61	975.64	1049.63	.10	15.45	33.24	8.81
J	14	752461	4282460	396.08	975.97	1049.64	.10	15.43	33.11	8.81
J	15	752478	4282478	395.41	976.18	1049.66	.10	15.47	33.05	8.86
J	16	752494	4282497	393.08	976.70	1049.67	.10	15.46	32.85	8.89
J	17	752511	4282515	392.30	976.84	1049.69	.11	15.42	32.78	8.86
J	18	752528	4282534	390.80	977.19	1049.70	.10	15.40	32.66	8.87

GRAVIMETRIA EN PUEBLA DE LA REINA  
 DENSIDAD DE REDUCCION 2.4

PAG. N° 14

PER	NUM	X	Y	Z	G	GN	T	A	C	R1
J	19	752545	4282552	390.15	977.37	1049.71	.10	15.42	32.61	8.90
J	20	752562	4282571	389.38	977.58	1049.73	.10	15.44	32.55	8.93
J	21	752579	4282589	389.37	977.63	1049.74	.10	15.47	32.55	8.96
J	22	752595	4282608	389.74	977.49	1049.76	.09	15.40	32.58	8.88
J	23	752612	4282627	390.23	977.43	1049.77	.09	15.44	32.62	8.91
J	24	752629	4282645	390.75	977.36	1049.79	.09	15.47	32.67	8.93
J	25	752646	4282664	390.74	977.39	1049.80	.09	15.48	32.67	8.95
J	26	752663	4282682	389.73	977.59	1049.91	.10	15.45	32.58	8.93
J	27	752679	4282700	388.75	977.74	1049.83	.10	15.36	32.49	8.86
J	28	752696	4282719	387.66	977.94	1049.84	.10	15.31	32.40	8.83
J	29	752713	4282737	386.55	978.13	1049.86	.11	15.24	32.30	8.78
J	30	752730	4282756	385.27	978.36	1049.87	.12	15.18	32.18	8.74
J	31	752747	4282774	381.84	979.00	1049.88	.13	15.05	31.88	8.67
J	32	752764	4282793	383.69	978.88	1049.90	.11	15.31	32.06	8.89
J	33	752780	4282812	381.72	979.36	1049.91	.12	15.34	31.89	8.96
J	34	752797	4282830	379.54	979.75	1049.93	.12	15.23	31.70	8.89
J	35	752814	4282849	378.52	980.01	1049.94	.13	15.26	31.60	8.93
J	36	752831	4282868	378.66	979.97	1049.96	.13	15.23	31.62	8.90
J	37	752847	4282886	379.26	979.95	1049.97	.12	15.32	31.67	8.99
J	38	752864	4282905	380.57	979.74	1049.99	.11	15.38	31.79	9.02
J	39	752881	4282924	382.49	979.53	1050.00	.10	15.58	31.97	9.18
J	40	752898	4282943	384.51	979.19	1050.02	.10	15.67	32.14	9.24
J	41	752915	4282961	386.30	978.92	1050.03	.10	15.79	32.29	9.33
K	1	752323	4282161	398.91	975.60	1049.41	.13	15.95	33.32	9.29
K	2	752340	4282179	400.59	975.33	1049.42	.13	16.05	33.46	9.35
K	3	752357	4282197	403.65	974.80	1049.44	.12	16.19	33.72	9.44
K	4	752372	4282214	406.61	974.11	1049.45	.13	16.15	33.96	9.36
K	5	752390	4282234	410.89	973.14	1049.47	.13	16.13	34.32	9.27
K	6	752406	4282252	414.87	972.29	1049.48	.14	16.17	34.64	9.25
K	7	752423	4282270	415.83	972.04	1049.49	.15	16.13	34.71	9.19
K	8	752439	4282288	413.91	972.41	1049.51	.14	16.05	34.56	9.14
K	9	752456	4282306	412.23	972.75	1049.52	.13	15.99	34.43	9.10
K	10	752472	4282325	409.77	973.24	1049.54	.13	15.91	34.23	9.06
K	11	752489	4282343	407.41	973.76	1049.55	.12	15.87	34.04	9.06
K	12	752506	4282361	405.04	974.22	1049.56	.11	15.78	33.85	9.01
K	13	752523	4282380	403.71	974.42	1049.58	.12	15.68	33.72	8.93
K	14	752539	4282398	400.62	975.17	1049.59	.11	15.71	33.48	9.02
K	15	752556	4282416	398.66	975.59	1049.61	.10	15.67	33.32	9.00
K	16	752573	4282434	396.65	975.94	1049.62	.10	15.55	33.15	8.92
K	17	752589	4282452	394.47	976.48	1049.63	.10	15.59	32.97	8.99
K	18	752606	4282471	393.19	976.68	1049.65	.10	15.48	32.86	8.91
K	19	752622	4282489	393.93	976.67	1049.66	.10	15.62	32.93	9.04
K	20	752639	4282507	395.27	976.43	1049.68	.09	15.66	33.05	9.05
K	21	752656	4282525	395.27	976.55	1049.69	.09	15.77	33.05	9.16
K	22	752672	4282543	395.11	976.57	1049.70	.09	15.74	33.04	9.13
K	23	752689	4282562	395.22	976.51	1049.72	.10	15.70	33.04	9.09
K	24	752705	4282580	395.56	976.54	1049.73	.10	15.79	33.07	9.18
K	25	752723	4282599	395.54	976.54	1049.75	.10	15.77	33.06	9.16
K	26	752739	4282616	394.98	976.60	1049.76	.10	15.69	33.01	9.09
K	27	752755	4282635	394.50	976.71	1049.77	.10	15.68	32.97	9.09

PER	NUM	X	Y	Z	G	GN	T	A	C	A1
K	28	752772	4282653	393.24	976.94	1049.79	.10	15.62	32.87	9.04
K	29	752789	4282671	392.23	977.13	1049.80	.11	15.57	32.78	9.01
K	30	752804	4282688	391.36	977.22	1049.82	.10	15.44	32.72	8.90
K	31	752820	4282705	389.33	977.64	1049.83	.10	15.39	32.54	8.88
K	32	752837	4282724	387.24	978.08	1049.84	.10	15.35	32.36	8.88
K	33	752854	4282742	384.70	978.67	1049.86	.11	15.36	32.14	8.94
K	34	752870	4282760	381.79	979.27	1049.87	.13	15.32	31.88	8.94
K	35	752887	4282778	379.79	979.72	1049.88	.14	15.31	31.71	8.97
K	36	752903	4282797	380.37	979.64	1049.90	.12	15.33	31.77	8.98
K	37	752920	4282815	380.44	979.71	1049.91	.12	15.40	31.78	9.04
K	38	752937	4282834	380.86	979.69	1049.93	.11	15.46	31.82	9.09
K	39	752954	4282852	382.07	979.54	1049.94	.11	15.56	31.93	9.17
K	40	752970	4282870	383.01	979.46	1049.96	.10	15.67	32.01	9.27
K	41	752987	4282889	383.87	979.04	1049.97	.10	15.42	32.09	9.01
L	1	752412	4282106	405.61	974.08	1049.36	.11	15.97	33.90	9.19
L	2	752429	4282124	407.94	973.66	1049.38	.11	16.06	34.09	9.24
L	3	752444	4282141	410.10	973.17	1049.39	.11	16.04	34.27	9.19
L	4	752460	4282159	412.61	972.70	1049.40	.11	16.12	34.48	9.23
L	5	752476	4282177	415.28	972.09	1049.42	.13	16.11	34.69	9.17
L	6	752493	4282194	417.74	971.56	1049.43	.14	16.13	34.89	9.16
L	7	752508	4282212	420.58	970.99	1049.44	.16	16.21	35.10	9.19
L	8	752524	4282229	421.81	970.66	1049.46	.18	16.17	35.18	9.13
L	9	752540	4282247	419.19	971.25	1049.47	.17	16.14	34.97	9.15
L	10	752557	4282265	415.67	971.92	1049.49	.15	15.99	34.70	9.05
L	11	752573	4282282	412.45	972.60	1049.50	.15	15.93	34.43	9.04
L	12	752589	4282300	409.64	973.13	1049.51	.13	15.79	34.21	8.95
L	13	752605	4282317	406.98	973.64	1049.53	.12	15.68	34.01	8.88
L	14	752620	4282336	404.29	974.17	1049.54	.12	15.59	33.78	8.84
L	15	752635	4282354	402.06	974.66	1049.55	.12	15.57	33.59	8.85
L	16	752653	4282371	400.53	975.04	1049.57	.11	15.58	33.47	8.89
L	17	752670	4282390	398.98	975.39	1049.58	.11	15.57	33.34	8.90
L	18	752686	4282408	398.98	975.33	1049.60	.10	15.49	33.35	8.82
L	19	752702	4282426	399.63	975.22	1049.61	.10	15.51	33.41	8.82
L	20	752718	4282443	399.74	975.18	1049.62	.09	15.47	33.42	8.79
L	21	752734	4282461	399.65	975.33	1049.64	.09	15.59	33.41	8.90
L	22	752750	4282479	399.14	975.52	1049.65	.09	15.65	33.37	8.97
L	23	752766	4282497	398.10	975.75	1049.66	.09	15.63	33.28	8.97
L	24	752782	4282515	397.24	975.89	1049.68	.09	15.56	33.21	8.92
L	25	752799	4282533	396.38	976.05	1049.69	.09	15.52	33.14	8.89
L	26	752815	4282551	395.56	976.28	1049.71	.09	15.55	33.07	8.93
L	27	752831	4282568	394.58	976.51	1049.72	.09	15.55	32.99	8.95
L	28	752846	4282586	393.50	976.72	1049.73	.10	15.50	32.90	8.92
L	29	752862	4282603	392.41	976.92	1049.75	.09	15.44	32.81	8.88
L	30	752878	4282621	391.57	977.10	1049.76	.10	15.42	32.73	8.87
L	31	752894	4282638	389.91	977.44	1049.77	.10	15.38	32.59	8.86
L	32	752910	4282656	388.29	977.73	1049.79	.10	15.29	32.45	8.80
L	33	752927	4282673	386.48	978.12	1049.80	.11	15.27	32.29	8.81
L	34	752942	4282691	385.32	978.38	1049.81	.12	15.27	32.18	8.84
L	35	752958	4282709	381.80	979.14	1049.83	.13	15.23	31.88	8.86
L	36	752975	4282727	380.61	979.44	1049.84	.14	15.26	31.77	8.91

GRAVIMETRIA EN PUEBLA DE LA REINA  
 DENSIDAD DE REDUCCION 2.4

PER	NUM	X	Y	Z	G	GN	T	A	C	R1
L	37	752990	4282745	380.98	979.41	1049.86	.13	15.29	31.81	8.92
L	38	753007	4282763	382.30	979.23	1049.87	.11	15.38	31.94	8.99
L	39	753023	4282781	383.06	979.14	1049.88	.11	15.44	32.01	9.04
L	40	753040	4282799	383.59	979.11	1049.90	.10	15.51	32.06	9.10
L	41	753056	4282817	384.02	979.10	1049.91	.11	15.58	32.09	9.16
M	1	752488	4282041	411.15	973.14	1049.31	.11	16.32	34.37	9.45
M	2	752504	4282059	411.93	973.06	1049.32	.11	16.40	34.43	9.52
M	3	752520	4282077	414.17	972.35	1049.34	.11	16.19	34.61	9.26
M	4	752537	4282095	416.33	971.89	1049.35	.12	16.21	34.79	9.25
M	5	752552	4282112	417.80	971.58	1049.36	.13	16.22	34.90	9.24
M	6	752568	4282130	418.96	971.38	1049.38	.13	16.27	34.99	9.27
M	7	752584	4282148	420.02	971.23	1049.39	.14	16.36	35.07	9.35
M	8	752600	4282165	420.56	971.04	1049.41	.15	16.28	35.11	9.26
M	9	752616	4282183	421.11	970.90	1049.42	.16	16.27	35.14	9.24
M	10	752633	4282202	419.26	971.23	1049.43	.15	16.15	35.00	9.15
M	11	752649	4282219	417.81	971.37	1049.45	.14	15.95	34.89	8.97
M	12	752665	4282237	416.02	971.86	1049.46	.14	16.02	34.74	9.07
M	13	752682	4282255	414.58	972.01	1049.47	.14	15.83	34.62	8.91
M	14	752698	4282272	412.88	972.39	1049.49	.13	15.81	34.48	8.91
M	15	752714	4282291	411.03	972.72	1049.50	.12	15.70	34.34	8.83
M	16	752730	4282309	409.54	972.98	1049.52	.13	15.62	34.21	8.77
M	17	752746	4282326	408.15	973.23	1049.53	.12	15.53	34.10	8.71
M	18	752762	4282343	406.82	973.55	1049.54	.11	15.54	33.99	8.74
M	19	752778	4282361	405.64	973.77	1049.56	.12	15.48	33.89	8.70
M	20	752794	4282379	404.25	974.14	1049.57	.11	15.51	33.78	8.76
M	21	752810	4282396	402.48	974.44	1049.58	.10	15.40	33.64	8.67
M	22	752826	4282414	400.78	974.80	1049.60	.10	15.36	33.50	8.66
M	23	752842	4282431	398.83	975.29	1049.61	.11	15.40	33.33	8.74
M	24	752857	4282449	397.03	975.77	1049.62	.10	15.46	33.18	8.83
M	25	752873	4282466	395.17	976.19	1049.64	.10	15.45	33.03	8.85
M	26	752889	4282483	393.20	976.66	1049.65	.11	15.47	32.86	8.90
M	27	752905	4282501	392.08	976.85	1049.66	.11	15.39	32.77	8.84
M	28	752921	4282519	391.39	977.06	1049.68	.10	15.43	32.71	8.89
M	29	752937	4282537	391.38	976.97	1049.69	.11	15.33	32.71	8.79
M	30	752952	4282553	391.07	977.09	1049.70	.11	15.37	32.68	8.83
M	31	752968	4282570	390.37	977.19	1049.72	.11	15.29	32.62	8.77
M	32	752985	4282589	389.34	977.47	1049.73	.11	15.33	32.53	8.83
M	33	753001	4282606	388.15	977.76	1049.75	.11	15.34	32.43	8.86
M	34	753017	4282624	386.67	978.04	1049.76	.12	15.28	32.30	8.82
M	35	753033	4282642	384.68	978.59	1049.77	.13	15.39	32.12	8.96
M	36	753049	4282659	383.28	978.91	1049.79	.12	15.37	32.01	8.97
M	37	753066	4282677	382.89	979.04	1049.80	.12	15.40	31.98	9.00
M	38	753082	4282695	382.93	979.08	1049.81	.13	15.44	31.97	9.05
M	39	753098	4282712	382.08	979.34	1049.83	.13	15.49	31.91	9.11
M	40	753114	4282730	381.66	979.47	1049.84	.13	15.52	31.87	9.14
M	41	753130	4282748	383.63	979.15	1049.85	.12	15.62	32.04	9.21
M	42	753156	4282774	386.04	978.47	1049.87	.11	15.45	32.26	9.00
M	43	753173	4282796	386.95	978.41	1049.89	.10	15.57	32.34	9.10
M	44	753190	4282814	387.69	978.37	1049.91	.10	15.68	32.41	9.20
M	45	753206	4282833	387.92	978.39	1049.92	.10	15.73	32.43	9.25

GRAVIMETRIA EN PUEBLA DE LA REINA  
 DENSIDAD DE REDUCCION 2.4

PER	NUM	X	Y	Z	G	GN	T	A	C	A1
M	46	753223	4282851	388.18	978.51	1049.93	.10	15.90	32.45	9.41
M	47	753239	4282869	388.73	978.56	1049.95	.09	16.05	32.50	9.55
M	48	753256	4282888	389.55	978.43	1049.96	.09	16.09	32.57	9.58
M	49	753273	4282906	390.47	978.40	1049.98	.09	16.25	32.64	9.73
M	50	753289	4282924	391.61	978.21	1049.99	.09	16.31	32.74	9.76
M	51	753307	4282943	392.62	978.12	1050.00	.10	16.43	32.82	9.87
M	52	753323	4282961	394.01	977.83	1050.02	.12	16.46	32.92	9.88
M	53	753340	4282979	395.95	977.71	1050.03	.10	16.75	33.10	10.13
M	54	753356	4282997	397.33	977.61	1050.05	.10	16.95	33.21	10.30
M	55	753373	4283016	398.40	977.44	1050.06	.11	17.01	33.30	10.35
M	56	753389	4283034	399.01	977.46	1050.08	.10	17.15	33.35	10.48
M	57	753406	4283053	400.01	977.31	1050.09	.11	17.21	33.43	10.52
M	58	753422	4283071	400.85	977.22	1050.10	.11	17.30	33.49	10.60
M	59	753439	4283090	401.61	977.19	1050.12	.12	17.43	33.56	10.72
M	60	753455	4283108	402.04	977.15	1050.13	.12	17.48	33.59	10.76
M	61	753472	4283126	402.58	977.19	1050.15	.12	17.62	33.63	10.90
M	62	753489	4283145	403.44	976.57	1050.16	.12	17.19	33.70	10.45
M	63	753505	4283163	404.29	976.60	1050.17	.13	17.40	33.77	10.64
M	64	753521	4283181	405.72	976.47	1050.19	.14	17.59	33.88	10.81
M	65	753538	4283199	407.09	976.27	1050.20	.15	17.69	33.98	10.89
M	66	753554	4283217	408.00	976.11	1050.22	.16	17.73	34.05	10.92
M	67	753571	4283236	408.35	976.17	1050.23	.17	17.86	34.07	11.05
M	68	753588	4283254	408.13	975.43	1050.24	.17	17.06	34.05	10.26
M	69	753604	4283273	407.20	976.54	1050.26	.17	17.95	33.97	11.16
M	70	753621	4283291	405.20	977.01	1050.27	.16	17.95	33.81	11.19
M	71	753637	4283309	403.54	976.42	1050.29	.15	16.96	33.68	10.23
M	72	753654	4283328	404.45	976.29	1050.30	.16	17.03	33.75	10.28
M	73	753670	4283346	406.39	976.58	1050.32	.18	17.76	33.89	10.98
M	74	753688	4283363	407.77	976.89	1050.33	.20	18.38	33.99	11.59
N	1	752556	4281967	414.22	972.72	1049.25	.10	16.65	34.62	9.72
N	2	752572	4281985	415.67	972.28	1049.26	.10	16.52	34.75	9.57
N	3	752588	4282002	417.31	971.89	1049.28	.11	16.49	34.88	9.51
N	4	752604	4282020	419.03	971.43	1049.29	.12	16.41	35.02	9.41
N	5	752620	4282038	420.58	971.12	1049.30	.13	16.45	35.13	9.42
N	6	752636	4282056	421.42	970.98	1049.32	.13	16.49	35.20	9.45
N	7	752652	4282073	422.12	970.90	1049.33	.14	16.56	35.25	9.51
N	8	752668	4282091	422.53	970.83	1049.34	.15	16.58	35.28	9.52
N	9	752684	4282109	422.76	970.57	1049.36	.16	16.37	35.28	9.31
N	10	752699	4282126	422.75	970.51	1049.37	.17	16.30	35.28	9.24
N	11	752715	4282143	422.58	970.34	1049.38	.17	16.08	35.26	9.03
N	12	752731	4282160	422.71	970.53	1049.40	.19	16.30	35.25	9.25
N	13	752748	4282178	421.30	970.75	1049.41	.17	16.18	35.15	9.15
N	14	752764	4282197	420.26	970.90	1049.43	.18	16.08	35.06	9.07
N	15	752781	4282215	419.03	971.12	1049.44	.18	16.01	34.95	9.02
N	16	752797	4282233	416.62	971.59	1049.45	.16	15.91	34.77	8.95
N	17	752814	4282251	415.34	971.85	1049.47	.15	15.86	34.67	8.93
N	18	752830	4282269	413.79	972.10	1049.48	.15	15.74	34.55	8.83
N	19	752847	4282287	412.59	972.27	1049.50	.16	15.64	34.43	8.75
N	20	752863	4282305	409.95	972.71	1049.51	.14	15.45	34.23	8.61
N	21	752879	4282323	408.29	973.28	1049.52	.13	15.63	34.10	8.81

GRAVIMETRIA EN PUEBLA DE LA REINA  
 DENSIDAD DE REDUCCION 2.4

PER	NUM	X	Y	Z	G	GN	T	A	C	A1
N	22	752896	4282341	406.33	973.67	1049.54	.14	15.58	33.92	8.79
N	23	752912	4282359	404.52	974.06	1049.55	.13	15.53	33.79	8.77
N	24	752928	4282376	403.05	974.40	1049.56	.12	15.52	33.67	8.79
N	25	752944	4282395	401.49	974.77	1049.58	.12	15.52	33.54	8.82
N	26	752961	4282413	400.79	974.99	1049.59	.11	15.57	33.49	8.87
N	27	752978	4282431	400.22	975.14	1049.61	.11	15.57	33.45	8.88
N	28	752994	4282448	399.30	975.42	1049.62	.11	15.63	33.37	8.95
N	29	753011	4282467	397.97	975.69	1049.63	.11	15.59	33.26	8.93
N	30	753028	4282485	396.87	975.95	1049.65	.10	15.58	33.17	8.94
N	31	753045	4282504	395.61	976.21	1049.66	.10	15.54	33.06	8.93
N	32	753062	4282523	394.41	976.46	1049.68	.10	15.51	32.96	8.92
N	33	753079	4282542	392.63	976.83	1049.69	.10	15.47	32.81	8.90
N	34	753096	4282560	390.84	977.24	1049.71	.11	15.46	32.66	8.93
N	35	753112	4282578	388.93	977.65	1049.72	.12	15.44	32.49	8.94
N	36	753129	4282597	387.22	978.11	1049.73	.11	15.50	32.35	9.03
N	37	753146	4282615	385.91	978.46	1049.75	.12	15.54	32.24	9.09
N	38	753163	4282634	385.14	978.70	1049.76	.11	15.59	32.18	9.16
N	39	753180	4282653	384.84	978.81	1049.78	.11	15.62	32.15	9.19
N	40	753197	4282671	384.43	978.93	1049.79	.12	15.64	32.11	9.21
N	41	753214	4282690	383.95	979.03	1049.81	.12	15.62	32.07	9.20
N	42	753229	4282707	384.19	978.89	1049.82	.11	15.51	32.10	9.09
N	43	753246	4282728	384.24	978.93	1049.84	.11	15.55	32.10	9.13
N	44	753262	4282746	383.93	979.00	1049.85	.11	15.53	32.07	9.12
N	45	753280	4282766	383.82	979.09	1049.87	.12	15.59	32.06	9.18
N	46	753296	4282784	384.70	978.97	1049.88	.11	15.64	32.14	9.21
N	47	753312	4282802	384.45	979.09	1049.89	.14	15.72	32.10	9.30
N	48	753329	4282820	386.10	978.92	1049.91	.11	15.88	32.26	9.43
N	49	753346	4282838	388.06	978.62	1049.92	.11	16.00	32.43	9.52
N	50	753363	4282857	390.36	978.24	1049.94	.10	16.12	32.62	9.60
N	51	753379	4282875	392.31	977.94	1049.95	.10	16.25	32.79	9.69
N	52	753395	4282892	394.56	977.50	1049.96	.11	16.30	32.97	9.71
N	53	753413	4282912	396.50	977.18	1049.98	.10	16.40	33.14	9.77
N	54	753430	4282930	398.33	977.01	1049.99	.10	16.63	33.29	9.97
N	55	753446	4282948	399.84	976.88	1050.01	.11	16.83	33.42	10.14
N	56	753463	4282966	401.04	976.69	1050.02	.11	16.90	33.51	10.19
N	57	753479	4282985	402.19	976.62	1050.03	.11	17.07	33.61	10.35
N	58	753495	4283003	402.92	976.56	1050.05	.11	17.16	33.67	10.43
N	59	753512	4283021	403.56	976.51	1050.06	.12	17.25	33.72	10.50
N	60	753528	4283039	404.29	976.45	1050.08	.13	17.34	33.77	10.59
N	61	753545	4283058	404.87	976.40	1050.09	.12	17.41	33.82	10.64
N	62	753562	4283076	405.24	976.44	1050.10	.13	17.53	33.84	10.76
N	63	753578	4283095	405.36	976.46	1050.12	.14	17.57	33.84	10.80
N	64	753595	4283113	405.51	976.49	1050.13	.14	17.62	33.85	10.85
N	65	753612	4283131	404.60	976.69	1050.15	.14	17.60	33.78	10.84
N	66	753629	4283150	403.64	976.95	1050.16	.14	17.63	33.70	10.89
N	67	753645	4283168	402.95	977.11	1050.17	.14	17.62	33.64	10.89
N	68	753661	4283186	402.64	977.24	1050.19	.15	17.67	33.61	10.95
N	69	753678	4283205	401.84	977.54	1050.20	.14	17.77	33.55	11.07
N	70	753694	4283223	399.60	978.00	1050.22	.14	17.71	33.37	11.04
N	71	753711	4283240	398.11	978.36	1050.23	.13	17.72	33.25	11.07

GRAVIMETRIA EN PUEBLA DE LA REINA  
 DENSIDAD DE REDUCCION 2.4

PER	NUM	X	Y	Z	G	GN	T	A	C	A1
N	72	753727	4283259	399.68	978.12	1050.25	.14	17.83	33.36	11.15
N	73	753743	4283277	401.05	977.93	1050.26	.15	17.94	33.47	11.24
N	74	753761	4283296	402.73	977.66	1050.27	.17	18.05	33.59	11.33
0	1	752637	4281908	413.09	972.89	1049.20	.10	16.61	34.53	9.71
0	2	752653	4281925	415.05	972.46	1049.21	.10	16.61	34.69	9.67
0	3	752668	4281942	416.66	972.04	1049.23	.11	16.55	34.82	9.58
0	4	752685	4281960	418.57	971.53	1049.24	.12	16.46	34.97	9.47
*0	5	752700	4281978	420.30	971.52	1049.25	.13	16.84	35.11	<del>9.82</del> 9.47
0	6	752716	4281995	422.28	970.77	1049.27	.14	16.53	35.26	9.48
0	7	752733	4282014	423.49	970.66	1049.28	.15	16.69	35.36	9.62
0	8	752748	4282031	424.08	970.58	1049.29	.16	16.74	35.40	9.66
0	9	752764	4282048	425.00	970.33	1049.31	.17	16.69	35.46	9.60
0	10	752780	4282066	425.76	970.06	1049.32	.18	16.59	35.52	9.48
0	11	752796	4282084	426.97	969.72	1049.34	.19	16.52	35.60	9.40
0	12	752811	4282101	428.42	969.35	1049.35	.21	16.48	35.70	9.34
0	13	752829	4282120	430.61	968.80	1049.36	.26	16.45	35.85	9.28
0	14	752844	4282136	429.90	968.93	1049.38	.25	16.41	35.79	9.25
0	15	752860	4282153	428.43	969.13	1049.39	.25	16.26	35.67	9.13
0	16	752876	4282171	426.26	969.62	1049.40	.23	16.23	35.51	9.13
0	17	752892	4282189	424.32	970.00	1049.42	.22	16.14	35.36	9.07
0	18	752909	4282207	422.47	970.35	1049.43	.22	16.07	35.20	9.03
0	19	752925	4282224	420.21	970.76	1049.44	.20	15.94	35.03	8.93
0	20	752941	4282242	418.14	971.20	1049.46	.18	15.88	34.88	8.90
0	21	752954	4282257	417.21	971.40	1049.47	.18	15.86	34.79	8.90
0	22	752972	4282276	414.36	972.09	1049.48	.16	15.87	34.58	8.96
0	23	752988	4282294	412.55	972.46	1049.50	.15	15.81	34.44	8.93
0	24	753004	4282312	410.99	972.82	1049.51	.14	15.80	34.32	8.94
0	25	753020	4282329	409.38	973.10	1049.52	.13	15.69	34.19	8.85
0	26	753036	4282347	407.32	973.47	1049.54	.12	15.58	34.03	8.77
0	27	753052	4282364	406.08	973.78	1049.55	.12	15.60	33.92	8.81
0	28	753068	4282382	404.51	974.09	1049.57	.11	15.53	33.80	8.77
0	29	753084	4282399	402.89	974.47	1049.58	.11	15.53	33.67	8.79
0	30	753100	4282417	401.42	974.78	1049.59	.10	15.49	33.55	8.78
0	31	753116	4282435	399.97	975.15	1049.61	.10	15.52	33.43	8.83
0	32	753132	4282452	398.40	975.53	1049.62	.10	15.53	33.30	8.87
0	33	753148	4282470	397.05	975.87	1049.63	.10	15.56	33.19	8.92
0	34	753165	4282488	395.52	976.20	1049.65	.10	15.53	33.06	8.92
0	35	753181	4282506	394.43	976.41	1049.66	.10	15.48	32.97	8.88
0	36	753197	4282524	392.89	976.85	1049.67	.10	15.56	32.84	8.99
0	37	753213	4282542	391.97	977.11	1049.69	.10	15.60	32.76	9.05
0	38	753230	4282560	390.86	977.37	1049.70	.10	15.59	32.67	9.06
0	39	753246	4282578	390.02	977.57	1049.72	.10	15.59	32.60	9.07
0	40	753262	4282596	389.36	977.72	1049.73	.10	15.58	32.54	9.07
0	41	753278	4282614	388.63	977.92	1049.74	.10	15.60	32.48	9.11
0	42	753303	4282639	387.35	978.19	1049.76	.11	15.57	32.37	9.10
0	43	753320	4282659	386.54	978.42	1049.78	.11	15.61	32.30	9.15
0	44	753336	4282678	385.96	978.58	1049.79	.11	15.62	32.25	9.17
0	45	753353	4282696	385.51	978.73	1049.81	.11	15.66	32.21	9.22
0	46	753370	4282714	385.36	978.76	1049.82	.12	15.65	32.19	9.21
0	47	753387	4282733	385.66	978.78	1049.84	.12	15.72	32.22	9.27

GRAVIMETRIA EN PUEBLA DE LA REINA  
 DENSIDAD DE REDUCCION 2.4

PAG. N° 20

PER	NUM	X	Y	Z	G	GN	T	A	C	A1
O	48	753403	4282751	386.36	978.78	1049.85	.11	15.86	32.28	9.40
O	49	753420	4282770	388.18	978.49	1049.86	.11	15.96	32.44	9.47
O	50	753436	4282788	389.99	978.21	1049.88	.10	16.07	32.59	9.55
O	51	753453	4282807	391.93	977.94	1049.89	.10	16.21	32.76	9.66
O	52	753470	4282825	394.46	977.58	1049.91	.12	16.43	32.95	9.84
O	53	753487	4282844	394.21	977.59	1049.92	.09	16.34	32.96	9.75
O	54	753505	4282863	393.86	977.73	1049.94	.10	16.39	32.92	9.81
O	55	753521	4282880	394.16	977.86	1049.95	.10	16.58	32.95	9.99
O	56	753537	4282899	394.60	977.77	1049.96	.10	16.58	32.98	9.98
O	57	753554	4282919	394.88	977.76	1049.98	.10	16.61	33.00	10.01
O	58	753571	4282937	395.59	977.79	1049.99	.11	16.80	33.06	10.19
O	59	753587	4282956	397.12	977.64	1050.01	.12	16.98	33.17	10.35
O	60	753604	4282974	398.56	977.49	1050.02	.13	17.15	33.29	10.50
O	61	753621	4282993	400.35	977.23	1050.04	.14	17.29	33.43	10.60
O	62	753638	4283011	402.13	976.99	1050.05	.15	17.44	33.57	10.73
O	63	753655	4283030	403.04	976.94	1050.07	.15	17.59	33.64	10.86
O	64	753672	4283048	402.40	977.08	1050.08	.16	17.58	33.58	10.86
O	65	753688	4283066	400.74	977.47	1050.09	.14	17.56	33.46	10.87
O	66	753706	4283085	398.22	978.03	1050.11	.13	17.54	33.25	10.89
O	67	753722	4283103	395.73	978.52	1050.12	.13	17.45	33.05	10.84
O	68	753739	4283121	393.67	978.91	1050.14	.12	17.36	32.88	10.78
O	69	753755	4283139	392.36	979.29	1050.15	.13	17.44	32.76	10.88
O	70	753772	4283157	392.21	979.46	1050.16	.12	17.55	32.76	11.00
O	71	753788	4283176	392.84	979.41	1050.18	.12	17.63	32.81	11.07
O	72	753805	4283194	393.53	979.32	1050.19	.13	17.68	32.87	11.11
O	73	753821	4283212	394.12	978.64	1050.21	.13	17.13	32.91	10.54
O	74	753839	4283231	394.96	979.02	1050.22	.14	17.69	32.97	11.09
P	30	753176	4282355	402.87	974.33	1049.54	.12	15.43	33.66	8.70
P	31	753193	4282373	401.21	974.67	1049.56	.11	15.38	33.52	8.68
P	32	753210	4282392	399.76	974.92	1049.57	.12	15.29	33.40	8.61
P	33	753226	4282410	398.02	975.25	1049.58	.11	15.21	33.26	8.56
P	34	753242	4282428	396.49	975.54	1049.60	.11	15.14	33.13	8.51
P	35	753260	4282447	395.29	976.02	1049.61	.13	15.36	33.01	8.75
P	36	753275	4282464	394.57	976.23	1049.63	.11	15.37	32.97	8.78
P	37	753292	4282482	393.95	976.43	1049.64	.11	15.42	32.92	8.83
P	38	753309	4282500	393.43	976.57	1049.65	.10	15.42	32.88	8.85
P	39	753325	4282519	392.59	976.79	1049.67	.10	15.44	32.81	8.88
P	40	753342	4282537	391.91	977.00	1049.68	.11	15.49	32.75	8.94
P	41	753359	4282555	389.76	977.49	1049.70	.16	15.53	32.52	9.03
P	42	753377	4282573	387.17	978.08	1049.71	.12	15.49	32.34	9.02
P	43	753392	4282592	386.41	978.37	1049.72	.12	15.59	32.28	9.13
P	44	753409	4282610	386.80	978.33	1049.74	.11	15.62	32.32	9.16
P	45	753425	4282629	386.81	978.31	1049.75	.11	15.59	32.32	9.12
P	46	753442	4282646	387.17	978.25	1049.77	.11	15.59	32.35	9.12
P	47	753458	4282665	387.43	978.33	1049.78	.11	15.71	32.38	9.24
P	48	753475	4282683	387.98	978.25	1049.79	.11	15.74	32.42	9.26
P	49	753492	4282702	388.58	978.22	1049.81	.10	15.83	32.47	9.33
P	50	753509	4282720	389.39	978.14	1049.82	.10	15.91	32.54	9.41
P	51	753526	4282738	390.61	978.04	1049.84	.10	16.07	32.65	9.54
P	52	753548	4282761	391.91	977.83	1049.85	.10	16.14	32.76	9.59



GRAVIMETRIA EN PUEBLA DE LA REINA  
 DENSIDAD DE REDUCCION 2.4

PER	NUM	X	Y	Z	G	GN	T	A	C	A1
P	53	753561	4282776	391.08	977.98	1049.87	.10	16.09	32.69	9.55
P	54	753578	4282794	388.83	978.52	1049.88	.11	16.12	32.49	9.62
P	55	753595	4282813	387.48	978.88	1049.89	.11	16.16	32.37	9.69
P	56	753612	4282831	387.09	979.02	1049.91	.12	16.21	32.34	9.74
P	57	753629	4282850	387.48	979.10	1049.92	.11	16.36	32.37	9.88
P	58	753645	4282869	389.22	978.90	1049.94	.12	16.54	32.51	10.03
P	59	753663	4282887	390.50	978.68	1049.95	.12	16.60	32.62	10.07
P	60	753679	4282905	391.90	978.39	1049.97	.13	16.61	32.73	10.07
P	61	753696	4282923	393.38	978.31	1049.98	.14	16.86	32.84	10.29
P	62	753712	4282942	395.00	978.08	1049.99	.14	16.99	32.97	10.39
P	63	753729	4282961	396.37	977.92	1050.01	.15	17.13	33.08	10.52
P	64	753745	4282979	397.47	977.78	1050.02	.16	17.23	33.16	10.60
P	65	753763	4282998	398.01	977.77	1050.04	.16	17.32	33.21	10.68
P	66	753779	4283016	397.76	977.90	1050.05	.15	17.37	33.20	10.73
P	67	753796	4283034	395.98	978.34	1050.06	.15	17.40	33.05	10.79
P	68	753813	4283053	393.42	978.87	1050.08	.14	17.33	32.85	10.76
P	69	753830	4283070	390.62	979.43	1050.09	.13	17.24	32.62	10.71
P	70	753846	4283089	388.42	979.89	1050.11	.13	17.19	32.44	10.70
P	71	753863	4283108	387.43	980.18	1050.12	.12	17.23	32.36	10.76
P	72	753879	4283127	387.54	980.12	1050.14	.12	17.18	32.37	10.71
P	73	753896	4283145	388.89	980.06	1050.15	.13	17.42	32.48	10.93
P	74	753913	4283163	390.93	980.00	1050.16	.13	17.81	32.64	11.28
Q	30	753250	4282287	400.09	974.40	1049.49	.12	14.93	33.43	8.24
Q	31	753268	4282306	397.70	975.23	1049.50	.11	15.21	33.23	8.56
Q	32	753284	4282324	395.81	975.66	1049.51	.12	15.20	33.07	8.59
Q	33	753301	4282342	394.47	975.88	1049.53	.14	15.13	32.94	8.54
Q	34	753317	4282360	392.37	976.29	1049.54	.12	15.03	32.78	8.47
Q	35	753334	4282378	391.61	976.25	1049.56	.11	14.80	32.72	8.26
Q	36	753351	4282397	390.88	976.56	1049.57	.11	14.93	32.66	8.40
Q	37	753367	4282415	389.93	976.81	1049.58	.12	14.96	32.58	8.44
Q	38	753384	4282433	389.01	977.05	1049.60	.12	14.98	32.50	8.48
Q	39	753401	4282452	388.05	977.42	1049.61	.12	15.13	32.41	8.64
Q	40	753417	4282470	387.62	977.59	1049.63	.12	15.18	32.38	8.71
Q	41	753438	4282491	388.02	977.58	1049.64	.14	15.26	32.39	8.78
Q	42	753451	4282508	387.96	977.65	1049.66	.12	15.28	32.41	8.80
Q	43	753467	4282525	388.84	977.56	1049.67	.11	15.37	32.49	8.88
Q	44	753484	4282544	388.97	977.57	1049.68	.11	15.40	32.50	8.89
Q	45	753500	4282562	388.88	977.63	1049.70	.11	15.42	32.50	8.92
Q	46	753517	4282580	389.03	977.68	1049.71	.11	15.49	32.51	8.99
Q	47	753534	4282598	389.23	977.68	1049.73	.10	15.52	32.53	9.01
Q	48	753550	4282617	389.37	977.89	1049.74	.11	15.75	32.54	9.24
Q	49	753566	4282635	389.72	977.78	1049.75	.11	15.70	32.57	9.19
Q	50	753583	4282653	390.45	977.70	1049.77	.10	15.77	32.63	9.24
Q	51	753601	4282673	391.41	977.54	1049.78	.10	15.81	32.72	9.26
Q	52	753615	4282688	392.40	977.50	1049.79	.10	15.98	32.80	9.42
Q	53	753632	4282706	391.45	977.66	1049.81	.10	15.92	32.71	9.37
Q	54	753649	4282725	388.97	978.32	1049.82	.11	16.01	32.58	9.51
Q	55	753666	4282744	386.73	978.84	1049.84	.12	16.02	32.30	9.56
Q	56	753684	4282762	385.39	979.18	1049.85	.12	16.05	32.19	9.61
Q	57	753701	4282780	383.82	979.55	1049.87	.13	16.06	32.05	9.65

GRAVIMETRIA EN PUEBLA DE LA REINA  
 DENSIDAD DE REDUCCION 2.4

PAG. Nº 22

PER	NUM	X	Y	Z	G	GN	T	A	C	A1
Q	58	753719	4282797	383.26	979.77	1049.88	.13	16.14	32.00	9.74
Q	59	753735	4282816	383.82	979.75	1049.89	.13	16.23	32.05	9.82
Q	60	753752	4282836	385.07	979.55	1049.91	.13	16.30	32.15	9.86
Q	61	753769	4282854	385.80	979.46	1049.92	.13	16.36	32.21	9.92
Q	62	753786	4282873	386.88	979.35	1049.94	.14	16.48	32.30	10.02
Q	63	753802	4282892	388.13	979.13	1049.95	.14	16.53	32.40	10.05
Q	64	753818	4282910	389.50	978.95	1049.97	.15	16.65	32.51	10.15
Q	65	753835	4282928	390.88	978.81	1049.98	.14	16.80	32.63	10.28
Q	66	753852	4282946	391.76	978.70	1049.99	.15	16.88	32.70	10.34
Q	67	753868	4282965	391.92	978.78	1050.01	.15	16.99	32.71	10.45
Q	68	753884	4282984	391.01	978.97	1050.02	.15	16.96	32.63	10.43
Q	69	753902	4283003	389.00	979.42	1050.04	.13	16.92	32.49	10.42
Q	70	753918	4283021	386.59	980.07	1050.05	.13	17.01	32.28	10.56
Q	71	753935	4283040	384.13	980.62	1050.07	.13	17.00	32.08	10.58
Q	72	753953	4283058	383.81	980.74	1050.08	.12	17.03	32.05	10.62
Q	73	753969	4283077	385.32	980.54	1050.09	.12	17.15	32.18	10.72
Q	74	753986	4283097	387.48	980.24	1050.11	.13	17.32	32.36	10.85
R	30	753324	4282220	390.89	976.46	1049.43	.17	15.03	32.60	8.51
R	31	753341	4282238	390.11	976.64	1049.44	.15	15.00	32.56	8.49
R	32	753356	4282258	389.95	976.70	1049.46	.15	15.01	32.55	8.50
R	33	753375	4282276	389.64	976.81	1049.47	.14	15.03	32.52	8.53
R	34	753392	4282294	391.07	976.50	1049.49	.14	15.03	32.65	8.50
R	35	753409	4282313	390.47	976.70	1049.50	.13	15.07	32.61	8.54
R	36	753424	4282331	390.62	976.66	1049.52	.13	15.04	32.62	8.52
R	37	753441	4282349	391.08	976.61	1049.53	.12	15.08	32.67	8.54
R	38	753457	4282367	391.11	976.69	1049.54	.12	15.15	32.67	8.61
R	39	753474	4282386	391.14	976.68	1049.56	.12	15.13	32.68	8.59
R	40	753491	4282404	391.14	976.71	1049.57	.11	15.14	32.68	8.61
R	41	753508	4282422	391.30	976.70	1049.59	.11	15.15	32.69	8.61
R	42	753525	4282440	391.37	976.77	1049.60	.11	15.22	32.70	8.68
R	43	753541	4282458	391.27	976.87	1049.61	.11	15.28	32.69	8.74
R	44	753557	4282476	391.18	977.04	1049.63	.11	15.42	32.69	8.88
R	45	753574	4282494	391.25	977.15	1049.64	.11	15.53	32.70	8.99
R	46	753590	4282512	391.02	977.27	1049.66	.11	15.58	32.68	9.05
R	47	753607	4282531	391.16	977.29	1049.67	.11	15.62	32.69	9.08
R	48	753623	4282549	391.29	977.33	1049.68	.10	15.67	32.70	9.13
R	49	753640	4282566	391.44	977.34	1049.70	.10	15.70	32.71	9.16
R	50	753656	4282585	391.52	977.37	1049.71	.10	15.74	32.72	9.19
R	51	753673	4282603	391.67	977.34	1049.73	.11	15.73	32.73	9.18
R	52	753690	4282621	391.90	977.38	1049.74	.11	15.81	32.75	9.26
R	53	753706	4282639	391.90	977.43	1049.75	.11	15.85	32.75	9.30
R	54	753723	4282657	392.81	977.33	1049.77	.12	15.94	32.82	9.38
R	55	753740	4282676	393.77	977.20	1049.78	.13	16.03	32.89	9.45
R	56	753757	4282694	391.75	977.64	1049.80	.13	16.00	32.71	9.46
R	57	753773	4282714	388.28	978.42	1049.81	.17	16.02	32.39	9.54
R	58	753791	4282732	384.62	979.27	1049.83	.14	16.01	32.10	9.59
R	59	753807	4282750	382.27	979.80	1049.84	.15	16.00	31.90	9.62
R	60	753826	4282769	380.78	980.13	1049.85	.15	15.98	31.78	9.63
R	61	753841	4282788	379.86	980.28	1049.87	.15	15.92	31.70	9.58
R	62	753856	4282806	380.40	980.26	1049.88	.15	16.00	31.75	9.65

PER	NUM	X	Y	Z	G	GN	T	A	C	A1
R	63	753873	4282824	381.37	980.17	1049.90	.14	16.11	31.83	9.74
R	64	753889	4282842	382.24	979.97	1049.91	.14	16.09	31.91	9.71
R	65	753905	4282860	383.10	979.97	1049.92	.14	16.27	31.98	9.87
R	66	753922	4282879	383.94	979.81	1049.94	.13	16.27	32.06	9.86
R	67	753938	4282897	384.64	979.80	1049.95	.13	16.41	32.12	9.99
R	68	753954	4282915	383.89	979.94	1049.97	.13	16.36	32.05	9.95
R	69	753971	4282933	382.62	980.31	1049.98	.13	16.43	31.95	10.05
R	70	753987	4282952	381.23	980.89	1049.99	.13	16.69	31.83	10.32
R	71	754004	4282970	380.26	981.09	1050.01	.13	16.66	31.75	10.31
R	72	754020	4282989	380.71	981.16	1050.02	.14	16.82	31.78	10.46
R	73	754037	4283007	382.89	980.84	1050.04	.13	16.97	31.97	10.58
R	74	754053	4283025	384.82	980.55	1050.05	.13	17.10	32.13	10.67
S	30	753397	4282152	402.08	974.15	1049.37	.14	15.26	33.57	8.55
S	31	753415	4282172	402.51	974.08	1049.39	.14	15.27	33.61	8.55
S	32	753432	4282190	403.35	973.95	1049.40	.14	15.32	33.68	8.58
S	33	753449	4282208	404.40	973.75	1049.42	.16	15.36	33.75	8.61
S	34	753466	4282227	405.39	973.54	1049.43	.16	15.36	33.83	8.59
S	35	753482	4282245	406.11	973.54	1049.45	.16	15.50	33.89	8.72
S	36	753499	4282264	407.09	973.29	1049.46	.16	15.46	33.97	8.66
S	37	753516	4282283	406.10	973.53	1049.48	.15	15.45	33.90	8.67
S	38	753532	4282301	404.27	973.83	1049.49	.15	15.33	33.75	8.58
S	39	753549	4282319	402.94	974.10	1049.50	.12	15.26	33.66	8.53
S	40	753565	4282337	401.25	974.49	1049.52	.12	15.25	33.52	8.55
S	41	753582	4282356	399.17	974.97	1049.53	.13	15.26	33.34	8.59
S	42	753599	4282375	398.19	975.17	1049.55	.11	15.21	33.27	8.55
S	43	753616	4282392	396.84	975.54	1049.56	.11	15.26	33.16	8.63
S	44	753632	4282411	395.89	975.87	1049.57	.11	15.36	33.08	8.74
S	45	753648	4282429	395.28	976.12	1049.59	.11	15.46	33.03	8.85
S	46	753666	4282447	394.58	976.42	1049.60	.11	15.59	32.97	8.99
S	47	753684	4282465	394.22	976.52	1049.62	.11	15.59	32.94	9.01
S	48	753701	4282483	394.36	976.57	1049.63	.11	15.66	32.95	9.07
S	49	753717	4282502	394.38	976.65	1049.64	.11	15.74	32.95	9.14
S	50	753734	4282520	393.61	976.87	1049.66	.11	15.77	32.89	9.19
S	51	753751	4282539	392.50	977.09	1049.67	.11	15.73	32.79	9.17
S	52	753767	4282557	391.46	977.35	1049.69	.12	15.74	32.70	9.20
S	53	753784	4282575	390.65	977.49	1049.70	.12	15.69	32.63	9.17
S	54	753800	4282593	390.24	977.73	1049.71	.12	15.83	32.60	9.31
S	55	753817	4282611	390.95	977.62	1049.73	.13	15.86	32.65	9.33
S	56	753834	4282630	390.32	977.77	1049.74	.13	15.86	32.60	9.34
S	57	753850	4282648	387.79	978.35	1049.76	.13	15.86	32.38	9.38
S	58	753867	4282666	385.41	978.89	1049.77	.13	15.85	32.18	9.42
S	59	753883	4282685	383.35	979.32	1049.79	.14	15.81	32.00	9.41
S	60	753900	4282703	381.73	979.70	1049.80	.14	15.82	31.86	9.45
S	61	753916	4282721	380.90	979.83	1049.81	.15	15.75	31.79	9.40
S	62	753933	4282739	378.86	980.23	1049.83	.15	15.69	31.61	9.36
S	63	753949	4282758	377.86	980.53	1049.84	.16	15.75	31.52	9.44
S	64	753966	4282776	377.33	980.64	1049.86	.16	15.73	31.48	9.43
S	65	753983	4282795	377.07	980.70	1049.87	.16	15.71	31.46	9.42
S	66	753999	4282813	376.90	980.87	1049.88	.15	15.83	31.44	9.54
S	67	754015	4282831	377.71	980.79	1049.90	.15	15.91	31.52	9.61

GRAVIMETRIA EN PUEBLA DE LA REINA  
 DENSIDAD DE REDUCCION 2.4

PAG. N° 24

PER	NUM	X	Y	Z	G	GN	T	A	C	A1
S	68	754032	4282849	377.94	980.87	1049.91	.15	16.03	31.54	9.72
S	69	754049	4282868	377.43	981.07	1049.93	.15	16.10	31.50	9.80
S	70	754065	4282887	376.59	981.31	1049.94	.15	16.14	31.42	9.85
S	71	754082	4282905	377.72	981.19	1049.96	.15	16.25	31.52	9.95
S	72	754099	4282924	379.86	980.94	1049.97	.14	16.47	31.71	10.12
S	73	754115	4282941	381.91	980.66	1049.98	.14	16.63	31.88	10.25
S	74	754131	4282960	383.39	980.46	1050.00	.13	16.75	32.01	10.34
T	80	753470	4282085	415.61	971.35	1049.32	.16	15.58	34.69	8.64
T	81	753487	4282104	416.78	971.08	1049.33	.16	15.56	34.78	8.60
T	82	753504	4282122	418.15	970.85	1049.35	.18	15.64	34.88	8.67
T	83	753520	4282140	419.31	970.62	1049.36	.21	15.69	34.94	8.70
T	84	753537	4282159	419.92	970.46	1049.38	.21	15.65	34.99	8.65
T	85	753554	4282177	420.30	970.40	1049.39	.22	15.67	35.01	8.67
T	86	753570	4282195	420.25	970.46	1049.40	.22	15.71	35.01	8.70
T	87	753587	4282213	418.21	970.69	1049.42	.21	15.45	34.85	8.48
T	88	753603	4282231	417.16	971.13	1049.43	.20	15.63	34.77	8.68
T	39	753620	4282249	414.14	971.75	1049.45	.17	15.53	34.55	8.62
T	40	753636	4282268	411.30	972.27	1049.46	.16	15.39	34.32	8.53
T	41	753653	4282286	409.11	972.75	1049.47	.15	15.35	34.15	8.52
T	42	753670	4282304	406.58	973.29	1049.49	.14	15.30	33.95	8.51
T	43	753686	4282322	404.14	973.94	1049.50	.13	15.38	33.75	8.63
T	44	753703	4282341	402.08	974.42	1049.52	.15	15.40	33.56	8.68
T	45	753721	4282360	400.38	974.81	1049.53	.12	15.37	33.45	8.68
T	46	753737	4282379	398.78	975.27	1049.55	.12	15.45	33.31	8.79
T	47	753754	4282398	397.10	975.68	1049.56	.12	15.47	33.17	8.84
T	48	753771	4282416	395.97	976.04	1049.57	.12	15.56	33.08	8.95
T	49	753788	4282435	395.02	976.28	1049.59	.13	15.58	32.99	8.98
T	50	753805	4282453	393.66	976.74	1049.60	.13	15.72	32.88	9.14
T	51	753821	4282471	392.46	977.07	1049.62	.13	15.77	32.78	9.21
T	52	753838	4282489	391.05	977.38	1049.63	.13	15.75	32.65	9.22
T	53	753853	4282509	388.89	977.87	1049.65	.15	15.76	32.45	9.27
T	54	753871	4282526	387.18	978.20	1049.66	.14	15.68	32.32	9.22
T	55	753888	4282545	385.52	978.39	1049.67	.18	15.53	32.14	9.10
T	56	753904	4282562	383.94	978.73	1049.69	.15	15.47	32.04	9.06
T	57	753920	4282580	382.69	979.00	1049.70	.15	15.44	31.93	9.05
T	58	753937	4282598	382.65	979.08	1049.72	.15	15.50	31.93	9.11
T	59	753954	4282616	383.53	978.99	1049.73	.15	15.59	32.01	9.18
T	60	753970	4282634	384.23	978.84	1049.74	.14	15.58	32.07	9.16
T	61	753987	4282653	382.89	979.25	1049.76	.14	15.67	31.96	9.28
T	62	754004	4282671	382.10	979.37	1049.77	.15	15.60	31.89	9.23
T	63	754020	4282689	380.48	979.73	1049.79	.15	15.59	31.75	9.24
T	64	754037	4282707	378.56	980.17	1049.80	.16	15.59	31.58	9.28
T	65	754053	4282725	376.72	980.58	1049.81	.16	15.58	31.42	9.30
T	66	754070	4282744	375.19	980.96	1049.83	.17	15.61	31.29	9.35
T	67	754087	4282763	374.43	981.19	1049.84	.17	15.65	31.22	9.41
T	68	754103	4282780	374.04	981.32	1049.86	.17	15.68	31.19	9.44
T	69	754119	4282798	373.92	981.47	1049.87	.17	15.79	31.18	9.55
T	70	754136	4282815	373.64	981.58	1049.88	.17	15.82	31.16	9.59
T	71	754154	4282836	374.59	981.38	1049.90	.16	15.81	31.24	9.56
T	72	754171	4282855	375.77	981.27	1049.91	.16	15.95	31.35	9.68

GRAVIMETRIA EN PUEBLA DE LA REINA  
 DENSIDAD DE REDUCCION 2.4

PAG. N° 25

PER	NUM	X	Y	Z	G	GM	T	A	C	A1
T	73	754188	4282873	376.80	981.17	1049.93	.15	16.06	31.44	9.77
T	74	754205	4282892	377.93	981.00	1049.94	.15	16.13	31.54	9.82
U	30	753545	4282016	421.86	969.81	1049.26	.22	15.56	35.15	8.53
U	31	753562	4282034	424.08	969.35	1049.28	.22	15.59	35.33	8.52
U	32	753578	4282052	425.88	969.01	1049.29	.22	15.64	35.48	8.54
U	33	753594	4282070	426.98	968.76	1049.30	.23	15.62	35.57	8.51
U	34	753611	4282089	427.94	968.54	1049.32	.24	15.62	35.64	8.49
U	35	753628	4282107	428.58	968.45	1049.33	.25	15.67	35.68	8.53
U	36	753645	4282125	427.94	968.66	1049.35	.25	15.73	35.62	8.60
U	37	753662	4282144	426.71	968.87	1049.36	.26	15.65	35.52	8.54
U	38	753679	4282162	424.62	969.38	1049.38	.25	15.67	35.35	8.60
U	39	753696	4282180	422.13	969.87	1049.39	.22	15.56	35.17	8.52
U	40	753712	4282198	419.74	970.40	1049.40	.22	15.54	34.97	8.54
U	41	753729	4282216	417.39	970.98	1049.42	.20	15.55	34.79	8.59
U	42	753745	4282234	414.36	971.67	1049.43	.18	15.53	34.56	8.62
U	43	753762	4282253	412.05	972.12	1049.45	.17	15.44	34.37	8.56
U	44	753779	4282271	409.59	972.67	1049.46	.15	15.40	34.19	8.56
U	45	753795	4282289	407.36	973.17	1049.47	.15	15.38	34.01	8.58
U	46	753812	4282308	405.56	973.60	1049.49	.14	15.38	33.86	8.61
U	47	753829	4282326	404.02	973.97	1049.50	.14	15.39	33.74	8.64
U	48	753846	4282346	402.48	974.46	1049.52	.14	15.52	33.61	8.79
U	49	753863	4282365	400.91	974.88	1049.53	.13	15.56	33.48	8.87
U	50	753880	4282384	399.25	975.27	1049.55	.13	15.57	33.34	8.90
U	51	753897	4282402	397.53	975.67	1049.56	.13	15.57	33.20	8.93
U	52	753914	4282421	396.10	975.98	1049.58	.13	15.54	33.07	8.93
U	53	753932	4282440	394.59	976.39	1049.59	.14	15.60	32.95	9.01
U	54	753949	4282458	392.78	976.81	1049.60	.14	15.60	32.79	9.04
U	55	753965	4282477	390.60	977.22	1049.62	.14	15.51	32.61	8.99
U	56	753982	4282495	388.91	977.60	1049.63	.17	15.52	32.44	9.03
U	57	753999	4282514	386.66	978.08	1049.65	.15	15.46	32.27	9.01
U	58	754016	4282532	384.25	978.60	1049.66	.15	15.43	32.06	9.02
U	59	754033	4282549	381.47	979.18	1049.67	.18	15.40	31.80	9.04
U	60	754050	4282568	379.45	979.65	1049.69	.16	15.39	31.65	9.06
U	61	754066	4282587	378.28	979.91	1049.70	.17	15.37	31.55	9.06
U	62	754084	4282606	377.02	980.24	1049.72	.17	15.41	31.44	9.12
U	63	754101	4282625	376.25	980.42	1049.73	.17	15.40	31.37	9.13
U	64	754118	4282643	375.45	980.64	1049.75	.17	15.43	31.31	9.17
U	65	754135	4282662	374.85	980.86	1049.76	.17	15.50	31.26	9.25
U	66	754152	4282681	374.09	981.07	1049.78	.17	15.52	31.19	9.29
U	67	754170	4282698	373.28	981.28	1049.79	.18	15.54	31.12	9.32
U	68	754185	4282717	372.72	981.55	1049.80	.18	15.67	31.07	9.46
U	69	754204	4282734	372.11	981.72	1049.82	.18	15.69	31.02	9.49
U	70	754221	4282753	371.32	981.97	1049.83	.18	15.75	30.95	9.56
U	71	754236	4282773	370.91	982.15	1049.85	.18	15.83	30.92	9.64
U	72	754253	4282791	371.23	982.09	1049.86	.18	15.82	30.95	9.63
U	73	754270	4282810	371.72	982.09	1049.87	.17	15.91	30.99	9.72
U	74	754288	4282830	372.30	982.02	1049.89	.17	15.95	31.05	9.74
V	30	753617	4281951	423.43	969.48	1049.21	.19	15.61	35.31	8.54
V	31	753634	4281970	426.65	968.78	1049.22	.21	15.63	35.56	8.52
V	32	753651	4281988	428.55	968.34	1049.24	.23	15.63	35.70	8.49

GRAVIMETRIA EN PUEBLA DE LA REINA  
 DENSIDAD DE REDUCCION 2.4

PAG. N° 26

PER	NUM	X	Y	Z	G	GN	T	A	C	RI
V	33	753668	4282007	429.86	968.10	1049.25	.24	15.67	35.80	8.51
V	34	753684	4282025	430.77	967.90	1049.27	.24	15.67	35.87	8.50
V	35	753701	4282044	431.49	967.79	1049.28	.26	15.72	35.92	8.54
V	36	753718	4282063	431.03	967.95	1049.30	.26	15.76	35.88	8.59
V	37	753734	4282081	430.34	968.09	1049.31	.26	15.74	35.82	8.57
V	38	753751	4282100	428.66	968.52	1049.32	.25	15.77	35.68	8.63
V	39	753768	4282118	426.97	968.90	1049.34	.25	15.75	35.55	8.64
V	40	753786	4282137	424.95	969.24	1049.35	.23	15.61	35.39	8.53
V	41	753802	4282155	422.41	969.83	1049.37	.23	15.61	35.19	8.57
V	42	753819	4282174	419.80	970.44	1049.38	.21	15.60	34.98	8.61
V	43	753835	4282192	417.11	971.06	1049.40	.20	15.59	34.77	8.63
V	44	753852	4282210	414.07	971.72	1049.41	.19	15.54	34.53	8.63
V	45	753869	4282228	411.33	972.28	1049.42	.17	15.45	34.32	8.59
V	46	753885	4282246	408.13	972.95	1049.44	.16	15.38	34.05	8.57
V	47	753901	4282264	403.98	973.90	1049.45	.19	15.41	33.68	8.67
V	48	753918	4282282	400.72	974.64	1049.46	.17	15.38	33.43	8.70
V	49	753934	4282300	399.11	975.04	1049.48	.15	15.39	33.31	8.73
V	50	753951	4282318	397.97	975.37	1049.49	.14	15.44	33.22	8.80
V	51	753968	4282336	396.20	975.77	1049.51	.14	15.43	33.08	8.81
V	52	753985	4282355	394.13	976.19	1049.52	.14	15.37	32.90	8.79
V	53	754002	4282373	392.84	976.50	1049.53	.15	15.38	32.79	8.82
V	54	754018	4282391	390.75	976.96	1049.55	.15	15.36	32.61	8.84
V	55	754035	4282409	387.37	977.65	1049.56	.16	15.29	32.32	8.82
V	56	754051	4282427	385.45	978.11	1049.58	.16	15.30	32.16	8.87
V	57	754069	4282446	386.14	978.17	1049.59	.15	15.50	32.22	9.05
V	58	754089	4282468	387.39	977.97	1049.61	.17	15.50	32.31	9.12
V	59	754102	4282482	386.97	978.09	1049.62	.15	15.57	32.30	9.11
V	60	754118	4282500	385.61	978.41	1049.63	.15	15.57	32.18	9.14
V	61	754134	4282518	383.93	978.75	1049.65	.15	15.52	32.04	9.12
V	62	754150	4282536	382.40	979.12	1049.66	.17	15.56	31.89	9.18
V	63	754167	4282555	380.16	979.60	1049.68	.16	15.51	31.71	9.17
V	64	754184	4282572	378.89	979.87	1049.69	.16	15.48	31.60	9.16
V	65	754200	4282591	377.61	980.16	1049.70	.16	15.47	31.50	9.17
V	66	754217	4282609	376.45	980.47	1049.72	.17	15.51	31.40	9.23
V	67	754234	4282627	375.32	980.78	1049.73	.17	15.55	31.30	9.29
V	68	754250	4282645	374.32	981.02	1049.74	.17	15.56	31.21	9.32
V	69	754267	4282663	373.36	981.27	1049.76	.18	15.58	31.12	9.36
V	70	754284	4282682	372.67	981.49	1049.77	.18	15.64	31.06	9.42
V	71	754301	4282701	372.28	981.62	1049.79	.18	15.66	31.03	9.46
V	72	754318	4282719	371.45	981.86	1049.80	.18	15.70	30.96	9.51
V	73	754334	4282737	370.21	982.14	1049.82	.19	15.70	30.85	9.53
V	74	754352	4282757	369.06	982.40	1049.83	.19	15.69	30.75	9.54
W	30	753692	4281884	424.88	969.49	1049.15	.22	16.03	35.40	8.95
W	31	753710	4281903	427.85	968.59	1049.17	.23	15.79	35.64	8.66
W	32	753726	4281922	430.36	968.02	1049.18	.24	15.78	35.84	8.61
W	33	753743	4281940	432.19	967.61	1049.20	.24	15.77	35.99	8.57
W	34	753759	4281958	433.45	967.32	1049.21	.26	15.76	36.08	8.55
W	35	753776	4281977	434.13	967.16	1049.23	.27	15.75	36.13	8.52
W	36	753793	4281995	434.28	967.11	1049.24	.27	15.72	36.14	8.50
W	37	753811	4282013	433.78	967.23	1049.25	.27	15.72	36.10	8.50

GRAVIMETRIA EN PUEBLA DE LA REINA  
 DENSIDAD DE REDUCCION 2.4

PAG. N° 27

PER	NUM	X	Y	Z	G	GN	T	A	C	A1
W	38	753827	4282031	433.07	966.95	1049.27	.27	15.27	36.03	<del>8.55</del> 8.55
W	39	753844	4282050	431.87	967.76	1049.28	.27	15.79	35.94	8.60
W	40	753861	4282068	430.05	968.15	1049.30	.26	15.75	35.79	8.59
W	41	753877	4282086	428.15	968.51	1049.31	.25	15.66	35.64	8.53
W	42	753894	4282105	425.64	969.06	1049.32	.26	15.64	35.43	8.55
W	43	753911	4282123	422.45	969.80	1049.34	.23	15.61	35.19	8.58
W	44	753928	4282142	418.41	970.67	1049.35	.22	15.55	34.86	8.58
W	45	753943	4282160	414.26	971.54	1049.37	.20	15.46	34.53	8.55
W	46	753960	4282178	410.65	972.27	1049.38	.19	15.35	34.24	8.50
W	47	753977	4282195	407.09	973.05	1049.39	.17	15.30	33.96	8.50
W	48	753993	4282214	404.68	973.65	1049.41	.15	15.33	33.77	8.57
W	49	754010	4282232	402.16	974.33	1049.42	.15	15.42	33.57	8.70
W	50	754027	4282250	399.21	974.95	1049.44	.14	15.36	33.33	8.69
W	51	754043	4282269	397.27	975.40	1049.45	.14	15.36	33.17	8.72
W	52	754061	4282287	396.79	975.53	1049.47	.15	15.37	33.12	8.75
W	53	754077	4282306	397.06	975.64	1049.48	.15	15.53	33.14	8.90
W	54	754094	4282323	395.89	975.99	1049.49	.15	15.60	33.04	8.99
W	55	754111	4282342	394.14	976.38	1049.51	.15	15.58	32.90	9.00
W	56	754128	4282360	392.40	976.74	1049.52	.15	15.54	32.75	9.00
W	57	754144	4282379	390.64	977.19	1049.54	.17	15.60	32.58	9.09
W	58	754162	4282397	388.93	977.61	1049.55	.17	15.62	32.44	9.13
W	59	754178	4282415	387.02	978.06	1049.56	.17	15.63	32.28	9.17
W	60	754194	4282433	384.99	978.51	1049.58	.19	15.63	32.08	9.22
W	61	754211	4282452	383.39	978.76	1049.59	.17	15.49	31.97	9.10
W	62	754229	4282471	381.97	979.04	1049.61	.18	15.44	31.85	9.07
W	63	754246	4282491	380.46	979.40	1049.62	.17	15.44	31.72	9.10
W	64	754263	4282509	379.46	979.63	1049.64	.17	15.43	31.64	9.11
W	65	754279	4282528	378.08	979.96	1049.65	.18	15.44	31.52	9.14
W	66	754296	4282546	377.08	980.24	1049.66	.18	15.48	31.44	9.20
W	67	754313	4282564	376.13	980.48	1049.68	.18	15.50	31.35	9.23
W	68	754330	4282582	375.19	980.73	1049.69	.18	15.52	31.28	9.27
W	69	754347	4282601	374.43	980.94	1049.71	.18	15.55	31.21	9.30
W	70	754363	4282619	373.96	981.09	1049.72	.18	15.57	31.18	9.34
W	71	754380	4282637	373.48	981.26	1049.73	.18	15.62	31.13	9.40
W	72	754397	4282655	373.49	981.30	1049.75	.18	15.65	31.14	9.42
W	73	754414	4282674	373.65	981.30	1049.76	.17	15.67	31.15	9.44
W	74	754430	4282692	373.31	981.43	1049.78	.18	15.71	31.12	9.49
X	30	753766	4281816	421.43	969.79	1049.10	.18	15.57	35.15	8.54
X	31	753783	4281833	425.52	968.93	1049.11	.22	15.65	35.46	8.56
X	32	753799	4281851	429.37	968.13	1049.13	.23	15.71	35.77	8.56
X	33	753816	4281869	432.46	967.48	1049.14	.27	15.78	35.99	8.58
X	34	753833	4281888	434.31	967.13	1049.15	.27	15.84	36.14	8.61
X	35	753850	4281906	435.62	966.83	1049.17	.28	15.82	36.24	8.57
X	36	753867	4281925	436.89	966.53	1049.18	.29	15.80	36.34	8.54
X	37	753884	4281943	437.63	966.39	1049.20	.30	15.83	36.39	8.55
X	38	753900	4281962	437.14	966.49	1049.21	.30	15.80	36.35	8.53
X	39	753917	4281980	436.34	966.71	1049.22	.29	15.82	36.29	8.56
X	40	753935	4281999	434.69	967.07	1049.24	.28	15.78	36.17	8.55
X	41	753951	4282017	432.74	967.49	1049.25	.27	15.74	36.01	8.54
X	42	753968	4282036	430.58	967.91	1049.27	.26	15.65	35.84	8.48

GRAVIMETRIA EN PUEBLA DE LA REINA  
 DENSIDAD DE REDUCCION 2.4

PAG. N° 28

PER	NUM	X	Y	Z	G	GN	T	A	C	A1
X	43	753984	4282052	427.69	968.51	1049.28	.25	15.58	35.61	8.45
X	44	754001	4282073	423.46	969.44	1049.30	.23	15.53	35.27	8.47
X	45	754019	4282091	418.48	970.52	1049.31	.22	15.46	34.86	8.49
X	46	754036	4282109	413.39	971.48	1049.32	.19	15.23	34.47	8.34
X	47	754052	4282127	409.70	971.82	1049.34	.21	14.75	34.14	<del>7.99</del> 8.49
X	48	754069	4282145	405.24	973.30	1049.35	.22	15.22	33.76	8.47
X	49	754085	4282163	400.95	973.75	1049.37	.18	14.66	33.43	<del>7.97</del> 8.6
X	50	754102	4282182	396.61	975.24	1049.38	.19	15.17	33.06	8.55
X	51	754118	4282200	393.73	975.87	1049.39	.18	15.13	32.83	8.56
X	52	754134	4282218	391.51	976.44	1049.41	.19	15.19	32.63	8.67
X	53	754151	4282230	391.31	976.49	1049.42	.18	15.18	32.63	8.66
X	54	754168	4282256	392.27	976.35	1049.44	.16	15.22	32.72	8.68
X	55	754185	4282274	392.01	976.50	1049.45	.16	15.30	32.70	8.76
X	56	754202	4282293	392.52	976.51	1049.47	.16	15.40	32.75	8.85
X	57	754218	4282311	393.25	976.35	1049.48	.16	15.39	32.81	8.83
X	58	754235	4282329	393.82	976.31	1049.49	.16	15.47	32.86	8.90
X	59	754252	4282347	392.98	976.55	1049.51	.16	15.51	32.79	8.95
X	60	754268	4282366	391.82	976.84	1049.52	.16	15.52	32.69	8.99
X	61	754281	4282381	389.89	977.36	1049.53	.19	15.62	32.50	9.12
X	62	754302	4282404	385.54	978.23	1049.55	.17	15.48	32.16	9.05
X	63	754318	4282422	382.22	978.92	1049.57	.17	15.41	31.87	9.04
X	64	754335	4282441	379.93	979.47	1049.58	.18	15.44	31.68	9.10
X	65	754353	4282460	377.84	979.89	1049.59	.18	15.38	31.50	9.08
X	66	754370	4282480	376.38	980.24	1049.61	.18	15.38	31.38	9.11
X	67	754386	4282497	374.90	980.54	1049.62	.18	15.34	31.25	9.09
X	68	754402	4282515	372.71	981.05	1049.64	.19	15.35	31.06	9.14
X	69	754419	4282534	371.65	981.30	1049.65	.20	15.35	30.96	9.16
X	70	754436	4282552	370.91	981.48	1049.67	.20	15.35	30.90	9.17
X	71	754452	4282570	370.79	981.58	1049.68	.20	15.41	30.89	9.24
X	72	754469	4282589	371.99	981.43	1049.69	.19	15.51	31.00	9.32
X	73	754485	4282607	372.98	981.31	1049.71	.19	15.60	31.08	9.38
X	74	754501	4282625	372.27	981.51	1049.72	.19	15.62	31.02	9.42
Y	30	753839	4281749	419.72	970.35	1049.04	.15	15.76	35.04	8.75
Y	31	753856	4281767	423.71	969.45	1049.06	.16	15.76	35.36	8.69
Y	32	753872	4281785	427.73	968.65	1049.07	.19	15.88	35.67	8.74
Y	33	753889	4281803	431.04	967.94	1049.09	.21	15.92	35.93	8.73
XY	34	753905	4281821	433.52	966.86	1049.10	.23	15.40	36.11	<del>8.48</del> 8.7
Y	35	753922	4281839	435.50	966.94	1049.11	.25	15.93	36.26	8.68
Y	36	753939	4281857	437.34	966.60	1049.13	.27	16.02	36.39	8.74
Y	37	753956	4281876	438.27	966.30	1049.14	.29	15.93	36.46	8.63
Y	38	753973	4281895	437.53	966.52	1049.16	.29	15.96	36.40	8.68
Y	39	753989	4281913	436.13	966.87	1049.17	.28	15.98	36.29	8.72
Y	40	754006	4281931	433.91	967.35	1049.18	.27	15.94	36.11	8.71
Y	41	754023	4281949	431.11	967.88	1049.20	.26	15.82	35.88	8.64
Y	42	754040	4281968	427.54	968.65	1049.21	.27	15.78	35.57	8.67
Y	43	754057	4281986	423.40	969.50	1049.23	.25	15.66	35.24	8.62
Y	44	754073	4282004	418.84	970.50	1049.24	.25	15.63	34.86	8.65
Y	45	754090	4282023	413.74	971.45	1049.25	.25	15.41	34.44	8.52
Y	46	754106	4282041	409.17	972.40	1049.27	.25	15.32	34.05	8.51
Y	47	754122	4282059	404.98	973.23	1049.28	.22	15.17	33.73	8.42



GRAVIMETRIA EN PUEBLA DE LA REINA  
 DENSIDAD DE REDUCCION 2.4

PER	NUM	X	Y	Z	G	GN	T	A	C	A1
Y	48	754139	4282077	402.10	973.87	1049.30	.19	15.11	33.53	8.41
Y	49	754156	4282096	399.82	974.43	1049.31	.19	15.15	33.33	8.48
Y	50	754173	4282114	397.15	975.03	1049.32	.23	15.17	33.07	8.56
Y	51	754190	4282133	394.09	975.78	1049.34	.20	15.19	32.84	8.63
Y	52	754206	4282151	391.64	976.31	1049.35	.20	15.16	32.63	8.63
Y	53	754223	4282169	390.01	976.69	1049.37	.20	15.16	32.50	8.66
Y	54	754240	4282188	388.24	977.07	1049.38	.21	15.13	32.34	8.66
Y	55	754256	4282206	386.64	977.48	1049.40	.21	15.18	32.20	8.74
Y	56	754273	4282224	385.67	977.67	1049.41	.22	15.14	32.12	8.71
Y	57	754290	4282242	385.77	977.79	1049.42	.21	15.26	32.13	8.84
Y	58	754306	4282260	386.46	977.70	1049.44	.20	15.30	32.20	8.86
Y	59	754323	4282279	387.01	977.72	1049.45	.19	15.42	32.25	8.97
Y	60	754340	4282297	386.89	977.77	1049.47	.19	15.43	32.24	8.98
Y	61	754357	4282316	385.58	978.04	1049.48	.20	15.40	32.13	8.97
Y	62	754374	4282334	383.58	977.91	1049.49	.20	14.81	31.96	<del>8.42</del> 8.97
Y	63	754390	4282352	380.44	979.07	1049.51	.24	15.29	31.65	8.96
Y	64	754407	4282371	378.09	979.60	1049.52	.21	15.25	31.48	8.95
Y	65	754423	4282390	375.62	980.06	1049.54	.22	15.15	31.27	8.89
Y	66	754441	4282408	373.77	980.70	1049.55	.22	15.36	31.11	9.13
Y	67	754458	4282426	372.47	980.96	1049.57	.22	15.31	31.01	9.11
Y	68	754474	4282443	371.21	981.16	1049.58	.22	15.21	30.90	9.03
Y	69	754491	4282463	369.99	981.36	1049.59	.22	15.12	30.80	8.96
Y	70	754507	4282480	368.48	981.72	1049.61	.22	15.13	30.67	9.00
Y	71	754524	4282498	367.44	981.90	1049.62	.22	15.06	30.59	8.95
Y	72	754541	4282516	367.11	981.99	1049.63	.22	15.07	30.56	8.95
Y	73	754558	4282535	366.04	982.26	1049.65	.23	15.09	30.46	8.99
Y	74	754575	4282555	365.31	982.47	1049.66	.23	15.12	30.40	9.04
Z	30	753913	4281682	424.95	969.30	1048.99	.14	15.94	35.48	8.84
Z	31	753930	4281700	426.58	968.93	1049.00	.16	15.94	35.61	8.81
Z	32	753946	4281718	428.81	968.46	1049.02	.18	15.98	35.77	8.82
Z	33	753963	4281736	431.17	967.90	1049.03	.20	15.96	35.95	8.77
Z	34	753980	4281754	433.28	967.47	1049.04	.22	16.00	36.11	8.78
Z	35	753996	4281773	434.98	967.16	1049.06	.24	16.08	36.23	8.84
Z	36	754013	4281791	436.06	966.89	1049.07	.25	16.05	36.31	8.79
Z	37	754030	4281809	436.58	966.79	1049.09	.26	16.06	36.35	8.79
Z	38	754047	4281828	435.42	967.01	1049.10	.25	16.00	36.25	8.75
Z	39	754063	4281846	433.59	967.37	1049.11	.26	15.94	36.10	8.72
Z	40	754083	4281864	429.59	968.15	1049.13	.23	15.79	35.78	8.63
Z	41	754096	4281882	425.63	968.92	1049.14	.21	15.62	35.48	8.53
Z	42	754113	4281900	421.22	969.77	1049.16	.21	15.47	35.11	8.45
Z	43	754129	4281919	416.79	970.68	1049.17	.19	15.35	34.75	8.40
Z	44	754146	4281936	412.41	971.59	1049.18	.18	15.25	34.40	8.38
Z	45	754162	4281955	408.22	972.42	1049.20	.19	15.14	34.03	8.34
Z	46	754179	4281974	404.93	973.12	1049.21	.21	15.11	33.74	8.36
Z	47	754197	4281993	402.78	973.61	1049.23	.23	15.12	33.53	8.41
Z	48	754214	4282012	403.68	973.48	1049.24	.21	15.15	33.64	8.42
Z	49	754232	4282031	402.54	973.71	1049.26	.19	15.10	33.56	8.38
Z	50	754249	4282051	400.84	974.03	1049.27	.19	15.01	33.42	8.33
Z	51	754267	4282071	398.86	974.42	1049.29	.19	14.94	33.25	8.29
Z	52	754285	4282090	396.59	975.05	1049.30	.19	15.05	33.06	8.44

GRAVIMETRIA EN PUEBLA DE LA REINA  
 DENSIDAD DE REDUCCION 2.4

PAG. N° 30

PER	NUM	X	Y	Z	G	GN	T	A	C	A1
Z	53	754302	4282109	395.01	975.42	1049.32	.20	15.06	32.92	8.48
Z	54	754319	4282127	392.84	975.96	1049.33	.21	15.11	32.72	8.57
Z	55	754335	4282146	390.29	976.48	1049.35	.22	15.05	32.50	8.55
Z	56	754351	4282165	387.70	977.09	1049.36	.23	15.07	32.28	8.62
Z	57	754368	4282182	385.08	977.63	1049.37	.25	15.03	32.04	8.62
Z	58	754385	4282201	381.79	978.27	1049.39	.27	14.94	31.74	8.59
Z	59	754401	4282219	379.71	978.75	1049.40	.27	14.94	31.56	8.63
Z	60	754417	4282237	378.92	978.96	1049.42	.27	14.95	31.50	8.65
Z	61	754434	4282255	378.27	979.17	1049.43	.26	15.00	31.45	8.71
Z	62	754451	4282274	377.75	979.31	1049.44	.26	15.00	31.41	8.72
Z	63	754467	4282292	377.14	979.16	1049.46	.26	14.70	31.36	8.76
Z	64	754489	4282316	374.55	980.06	1049.48	.29	15.04	31.11	8.81
Z	65	754501	4282328	373.61	980.36	1049.49	.26	15.09	31.06	8.87
Z	66	754516	4282347	372.17	980.69	1049.50	.26	15.08	30.94	8.89
Z	67	754533	4282364	370.88	981.04	1049.51	.26	15.13	30.83	8.96
Z	68	754550	4282383	369.92	981.22	1049.53	.27	15.08	30.74	8.94
Z	69	754567	4282401	369.35	981.34	1049.54	.25	15.04	30.71	8.90
Z	70	754584	4282421	368.98	981.39	1049.56	.25	14.99	30.69	8.85
Z	71	754600	4282438	368.47	981.48	1049.57	.24	14.95	30.65	8.82
Z	72	754617	4282456	368.50	981.50	1049.59	.23	14.95	30.66	8.82
Z	73	754634	4282475	368.14	981.60	1049.60	.23	14.95	30.64	8.82
Z	74	754650	4282493	367.78	981.72	1049.61	.22	14.97	30.61	8.85

N° TOTAL DE ESTACIONES PROCESADAS 1472

El nombre del fichero creado es: GMPRB; contiene 1472 registros de 88 bytes.  
 Está grabado en la unidad: :H7,0,0

Contiene las siguientes variables:

N° de perfil, N° de estación, Coordenada X, Coordenada Y, Coordenada Z,  
 Gravedad medida, Gravedad normal, Corrección topográfica total,  
 Anomalía de Bouguer a densidad 2., Factor de conversión, Anomalía de Bouguer  
 a densidad 2.40.

Np\$	Ne	X	Y	Z	M	Mf	M-Mf
G1	4	751109	4283353	402.94	43602	43606	-4
G1	5	751126	4283372	402.49	43632	43622.1	9.9
G1	6	751144	4283392	403.75	43665	43647.1	17.9
G1	7	751160	4283409	403.68	43635	43679.7	-44.7
G1	8	751176	4283427	403.57	43742	43721.4	20.6
G1	9	751193	4283445	403.39	43781	43774.1	6.9
G1	10	751210	4283464	403.17	43824	43844.4	-20.4
G1	11	751225	4283477	402.96	43872	43862.8	9.2
G1	12	751243	4283500	402.17	43899	43864.2	34.8
G1	13	751260	4283518	401.4	43803	43835.8	-32.8
G1	14	751276	4283537	400.06	43796	43789	7
G1	15	751292	4283555	398.38	43746	43750	-4
G1	16	751308	4283573	396.47	43723	43725.6	-2.6
G1	17	751325	4283591	395.15	43710	43689.2	20.8
G1	18	751341	4283609	394.15	43664	43696.3	-32.3
G1	19	751358	4283628	393.69	43667	43682	-15
G1	20	751374	4283646	392.05	43733	43654.7	78.3
G1	21	751391	4283664	390.1	43582	43629.9	-47.9
G1	22	751408	4283683	388.39	43580	43612	-32
G1	23	751425	4283701	387.46	43594	43562.4	31.6
G1	24	751442	4283720	386.58	43590	43559	31
G1	25	751459	4283739	385.65	43450	43503.6	-53.6
G1	26	751475	4283757	384.73	43499	43444.8	54.2
G1	27	751492	4283775	384.03	43364	43412.5	-48.5
G1	28	751509	4283793	383.23	43411	43406.8	4.2
G1	29	751526	4283813	381.8	43426	43396.5	29.5
G1	30	751543	4283832	380.82	43397	43422	-25
G1	31	751559	4283850	380.05	43431	43426.4	4.6
G1	32	751576	4283868	379.36	43445	43437.7	7.3
G1	33	751592	4283886	378.16	43450	43454	-4
G1	34	751609	4283904	377.25	43460	43459.3	.7
G1	35	751625	4283922	376.5	43464	43462.8	1.2
G1	36	751643	4283940	375.62	43469	43468.8	.2
G1	37	751658	4283960	374.35	43469	43474.5	-5.5
G1	38	751674	4283978	373.7	43485	43477.8	7.2
G1	39	751691	4283997	373.05	43486	43487.4	-1.4
G1	40	751708	4284015	372.48	43486	43494.9	-8.9
G1	41	751724	4284033	372.2	43514	43501.3	12.7
G1	42	751741	4284052	372.05	43502	43511.1	-9.1
F1	4	751182	4283286	400.62	43575	43578.5	-3.5
F1	5	751199	4283305	401.9	43605	43602.6	2.4
F1	6	751216	4283323	402.97	43633	43629.9	3.1
F1	7	751232	4283341	403.13	43661	43667.6	-6.6
F1	8	751249	4283359	403.28	43703	43710.7	-7.7
F1	9	751266	4283378	403.19	43761	43749.5	11.5
F1	10	751283	4283396	403.07	43786	43784.1	1.9
F1	11	751299	4283415	403.03	43788	43794.8	-6.8
F1	12	751316	4283433	402.71	43801	43786	15
F1	13	751332	4283451	402.36	43760	43769	-9
F1	14	751349	4283469	401.92	43752	43758.6	-6.6
F1	15	751366	4283489	401.17	43740	43742.2	-2.2
F1	16	751382	4283506	400.28	43750	43735.8	14.2
F1	17	751399	4283525	398.67	43705	43714.4	-9.4
F1	18	751416	4283542	397.17	43699	43682.5	16.5
F1	19	751432	4283562	395.51	43651	43669.5	-18.5
F1	20	751449	4283580	394.36	43648	43674	-26
F1	21	751466	4283599	393.34	43705	43664.1	40.9
F1	22	751482	4283617	392.63	43655	43644.7	10.3
F1	23	751499	4283636	391.39	43585	43593.1	-8.1
F1	24	751516	4283655	390.02	43558	43600.3	-42.3
F1	25	751532	4283674	388.54	43551	43577.5	-26.5
F1	26	751548	4283692	388.23	43695	43540.3	154.7
F1	27	751565	4283711	388.3	43378	43486.6	-108.6
F1	28	751581	4283729	387.82	43413	43431.7	-18.7
F1	29	751598	4283747	386.75	43418	43387.9	30.1
F1	30	751615	4283766	385.74	43433	43436.1	-3.1
F1	31	751632	4283784	383.14	43442	43444.4	-2.4
F1	32	751648	4283802	381.41	43463	43453.5	9.5
F1	33	751665	4283820	379.88	43452	43457.9	-5.9
F1	34	751682	4283839	378.87	43461	43461.5	-.5
F1	35	751698	4283857	378.1	43464	43464.1	-.1

PRMF

Y: R

Ne, X, Z, M, Mf, M-Mf:S

F1 36	751715	4283875	378.34	43472	43471	1
F1 37	751731	4283894	379.22	43476	43475	1
F1 38	751747	4283912	379.79	43479	43480.1	-1.1
F1 39	751764	4283930	379.86	43484	43484.3	-.3
F1 40	751781	4283949	379.03	43493	43489.7	3.3
F1 41	751798	4283967	378.13	43499	43506.3	-7.3
F1 42	751814	4283986	377.19	43515	43518.6	-3.6
E1 4	751257	4283219	399.38	43549	43545.9	3.1
E1 5	751274	4283237	400.22	43562	43561.7	.3
E1 6	751291	4283255	401.06	43579	43580.3	-1.3
E1 7	751308	4283274	401.56	43601	43603.5	-2.5
E1 8	751324	4283292	401.6	43634	43633.7	.3
E1 9	751341	4283311	401.69	43668	43668.2	-.2
E1 10	751357	4283329	401.54	43702	43703	-1
E1 11	751373	4283348	401.25	43732	43729	3
E1 12	751389	4283366	401.22	43750	43745.3	4.7
E1 13	751406	4283384	401.21	43750	43754	-4
E1 14	751422	4283402	401.11	43757	43758.2	-1.2
E1 15	751441	4283422	400.86	43766	43773.8	-7.8
E1 16	751456	4283439	401.29	43774	43772.9	1.1
E1 17	751472	4283457	399.36	43790	43758.7	31.3
E1 18	751489	4283476	398.45	43789	43733.5	-24.5
E1 19	751506	4283495	397.82	43711	43729.9	-18.9
E1 20	751523	4283513	396.83	43706	43700.4	5.6
E1 21	751539	4283532	395.66	43737	43681.7	55.3
E1 22	751556	4283550	394.97	43586	43639.9	-53.9
E1 23	751572	4283568	394.11	43613	43606.9	6.1
E1 24	751589	4283587	393.88	43575	43580.6	-5.6
E1 25	751606	4283605	393.19	43593	43580.4	12.6
E1 26	751622	4283624	392.72	43545	43535.7	9.3
E1 27	751639	4283642	392.05	43494	43487.9	6.1
E1 28	751656	4283661	391.01	43416	43439.9	-23.9
E1 29	751672	4283680	389.72	43417	43419.1	-2.1
E1 30	751689	4283699	388.28	43429	43420.4	3.6
E1 31	751707	4283718	386.73	43438	43437.6	.4
E1 32	751723	4283736	385.22	43447	43446.1	.9
E1 33	751740	4283755	384.28	43453	43451.9	1.1
E1 34	751757	4283773	383.02	43455	43457	-2
E1 35	751773	4283792	382.78	43462	43462.3	-.3
E1 36	751789	4283811	383.52	43468	43467.4	.6
E1 37	751808	4283830	384.48	43474	43472.5	1.5
E1 38	751823	4283847	384.55	43475	43476.4	-1.4
E1 39	751840	4283866	383.58	43480	43480.6	-.6
E1 40	751857	4283884	382.14	43485	43484.8	.2
E1 41	751873	4283903	380.06	43490	43489.1	.9
E1 42	751890	4283921	378.36	43492	43492	0
D1 4	751334	4283150	399.54	43529	43536.6	-7.6
D1 5	751350	4283169	400.4	43556	43552.3	3.7
D1 6	751366	4283187	399.97	43571	43569.6	1.4
D1 7	751383	4283205	400.82	43588	43588.5	-.5
D1 8	751399	4283223	400.33	43608	43607	1
D1 9	751416	4283242	399.65	43626	43630.7	-4.7
D1 10	751432	4283261	398.94	43660	43657.2	2.8
D1 11	751449	4283279	398.47	43687	43687.9	-.9
D1 12	751466	4283298	397.63	43714	43714.9	-.9
D1 13	751482	4283316	396.78	43743	43736.4	6.6
D1 14	751498	4283335	396	43749	43758.9	-9.9
D1 15	751515	4283354	395.32	43770	43757.4	12.6
D1 16	751532	4283372	394.57	43783	43794.9	-11.9
D1 17	751548	4283389	393.88	43751	43785.8	-34.8
D1 18	751564	4283407	393.28	43865	43757.6	107.4
D1 19	751582	4283426	392.86	43635	43720.7	-85.7
D1 20	751598	4283444	392.76	43680	43670.5	9.5
D1 21	751616	4283463	392.09	43655	43632.3	22.7
D1 22	751632	4283481	392.53	43616	43660.1	-44.1
D1 23	751649	4283500	392.43	43680	43649.4	30.6
D1 24	751666	4283518	392.96	43649	43630.2	18.8
D1 25	751682	4283536	392.27	43588	43613.2	-25.2
D1 26	751699	4283555	391.66	43541	43552.9	-11.9
D1 27	751716	4283573	391.19	43539	43484.5	54.5
D1 28	751733	4283592	389.68	43402	43431.9	-29.9

D1 29	751749	4283610	388.2	43366	43397.9	-31.9
D1 30	751764	4283632	386.59	43410	43390.8	19.2
D1 31	751782	4283646	385.26	43426	43420.5	5.5
D1 32	751799	4283665	384.25	43446	43441.4	4.6
D1 33	751815	4283683	383.3	43441	43446.6	-5.6
D1 34	751832	4283702	382.23	43452	43450.6	1.4
D1 35	751849	4283720	381.12	43454	43453.8	.2
D1 36	751866	4283739	380.07	43458	43460.4	-2.4
D1 37	751882	4283758	379.53	43466	43464.2	1.8
D1 38	751897	4283774	378.72	43469	43467	2
D1 39	751915	4283794	377.7	43469	43471	-2
D1 40	751932	4283812	376.87	43470	43474.3	-4.3
D1 41	751948	4283831	375.97	43481	43475.8	5.2
C1 4	751403	4283077	400.18	43526	43526.3	-.3
C1 5	751419	4283095	401.29	43542	43540.1	1.9
C1 6	751436	4283113	401.82	43558	43557.9	.1
C1 7	751453	4283132	401.73	43573	43572.4	.6
C1 8	751469	4283150	401.64	43589	43586.5	2.5
C1 9	751486	4283169	401.17	43598	43601.1	-3.1
C1 10	751502	4283188	400.7	43620	43618.2	1.8
C1 11	751519	4283206	400.5	43641	43640.8	.2
C1 12	751535	4283225	400.35	43671	43660.3	10.7
C1 13	751552	4283243	399.47	43713	43732.1	-19.1
C1 14	751570	4283264	398.66	43766	43818.2	-52.2
C1 15	751587	4283284	398.03	43958	43863	95
C1 16	751603	4283302	397.06	43898	43893.1	4.9
C1 17	751620	4283321	396.36	43815	43906.1	-91.1
C1 18	751637	4283340	395.51	43904	43862.4	41.6
C1 19	751654	4283359	394.11	43876	43822.2	53.8
C1 20	751670	4283377	393.06	43729	43771.5	-42.5
C1 21	751687	4283396	391.54	43664	43678.4	-14.4
C1 22	751704	4283415	389.9	43652	43636.6	15.4
C1 23	751721	4283434	387.93	43590	43612.4	-22.4
C1 24	751737	4283453	387.18	43639	43598.7	40.3
C1 25	751754	4283471	386.85	43536	43557.9	-21.9
C1 26	751771	4283489	386.75	43579	43591.6	-12.6
C1 27	751788	4283508	386.06	43511	43555.8	-44.8
C1 28	751804	4283526	385.41	43672	43511.7	160.3
C1 29	751821	4283545	384.74	43332	43443.1	-111.1
C1 30	751838	4283566	384.1	43369	43396.1	-27.1
C1 31	751854	4283582	383.06	43394	43357	37
C1 32	751872	4283601	381.67	43411	43411.5	-.5
C1 33	751888	4283619	380.62	43424	43424	0
C1 34	751905	4283638	379.64	43433	43434.2	-1.2
C1 35	751921	4283656	378.81	43443	43442.8	.2
C1 36	751938	4283674	378.04	43451	43450.1	.9
C1 37	751954	4283692	377.41	43456	43456.9	-.9
C1 38	751971	4283710	376.8	43462	43462	0
C1 39	751987	4283729	375.89	43468	43466.8	1.2
C1 40	752004	4283747	375.44	43471	43478.4	-7.4
B1 4	751479	4283015	402.82	43351	43482.5	-131.5
B1 5	751496	4283034	403.31	43527	43479	48
B1 6	751512	4283052	403.63	43537	43508.6	28.4
B1 7	751529	4283070	403.2	43551	43566.1	-15.1
B1 8	751546	4283089	402.83	43565	43563.7	1.3
B1 9	751564	4283108	402.1	43577	43578.5	-1.5
B1 10	751581	4283127	401.82	43595	43595.2	-.2
B1 11	751598	4283146	401.08	43614	43612	2
B1 12	751614	4283164	400.62	43636	43634.8	1.2
B1 13	751631	4283183	399.73	43656	43663	-7
B1 14	751647	4283202	398.99	43700	43695.5	4.5
B1 15	751664	4283219	398.31	43736	43741.2	-5.2
B1 16	751681	4283239	397.58	43773	43778	-5
B1 17	751697	4283258	396.78	43823	43807.1	15.9
B1 18	751714	4283276	395.87	43795	43795.5	-.5
B1 19	751730	4283294	394.79	43800	43783.1	16.9
B1 20	751746	4283313	393.52	43714	43771.9	-57.9
B1 21	751763	4283332	392.38	43793	43751.1	41.9
B1 22	751779	4283350	391.17	43755	43735.7	19.3
B1 23	751796	4283369	390.17	43675	43733.8	-58.8
B1 24	751813	4283382	388.98	43713	43679.4	33.6

B1 25	751829	4283406	387.58	43662	43619.9	42.1
B1 26	751845	4283424	386.57	43530	43591.6	-51.6
B1 27	751862	4283443	385.62	43507	43549.2	-42.2
B1 28	751879	4283461	384.39	43555	43486.7	68.3
B1 29	751895	4283480	383.22	43482	43428.7	53.3
B1 30	751912	4283498	382.43	43266	43368.2	-102.2
B1 31	751930	4283516	381.39	43331	43327.1	3.9
B1 32	751944	4283540	380.76	43376	43342.8	33.2
B1 33	751963	4283553	380.03	43393	43395.1	-2.1
B1 34	751979	4283572	379.42	43407	43409.1	-2.1
B1 35	751997	4283589	378.97	43416	43418	-2
B1 36	752013	4283608	378.33	43430	43427.6	2.4
B1 37	752028	4283625	377.85	43434	43435.5	-1.5
B1 38	752044	4283643	377.8	43442	43443.8	-1.8
A1 4	751554	4282952	405.58	43570	43572.4	-2.4
A1 5	751571	4282970	405.18	43572	43566	6
A1 6	751588	4282989	404.66	43558	43562.8	-4.8
A1 7	751605	4283007	404.09	43560	43562.2	-2.2
A1 8	751622	4283026	402.97	43567	43562.4	4.6
A1 9	751638	4283045	402.05	43568	43567.8	.2
A1 10	751655	4283063	401.31	43572	43575.3	-3.3
A1 11	751673	4283082	400.67	43586	43585.1	.9
A1 12	751689	4283100	400.22	43604	43601.5	2.5
A1 13	751706	4283118	399.61	43620	43623.8	-3.8
A1 14	751722	4283136	398.73	43650	43651.6	-1.6
A1 15	751738	4283154	397.88	43681	43681.1	-.1
A1 16	751754	4283173	397.24	43711	43710.3	.7
A1 17	751770	4283191	396.54	43723	43710.1	12.9
A1 18	751787	4283210	395.52	43725	43723.6	1.4
A1 19	751804	4283228	394.54	43685	43727	-42
A1 20	751820	4283247	393.5	43781	43724.3	56.7
A1 21	751836	4283266	392.22	43721	43736.4	-15.4
A1 22	751853	4283284	391.05	43737	43779.4	-42.4
A1 23	751870	4283303	390.18	43816	43811.4	4.6
A1 24	751886	4283321	389.23	43872	43826.8	45.2
A1 25	751903	4283340	388.52	43801	43786	15
A1 26	751920	4283359	387.06	43665	43701.4	-36.4
A1 27	751939	4283379	385.74	43604	43603	1
A1 28	751952	4283395	384.67	43554	43560.9	-6.9
A1 29	751969	4283414	383.47	43501	43511.8	-10.8
A1 30	751986	4283432	382.44	43521	43452.6	68.4
A1 31	752003	4283451	381.6	43343	43401.4	-58.4
A 4	751664	4282922	403.01	43568	43564.3	3.7
A 5	751680	4282939	402.08	43562	43563.6	-1.6
A 6	751695	4282956	401.01	43561	43563	-2
A 7	751710	4282973	400.26	43565	43562.3	2.7
A 8	751726	4282990	399.56	43564	43563.8	.2
A 9	751741	4283007	398.56	43567	43567.6	-.6
A 10	751757	4283024	398.04	43574	43574.6	-.6
A 11	751772	4283041	397.54	43591	43591.4	-.4
A 12	751787	4283058	397.04	43612	43616.1	-4.1
A 13	751803	4283075	396.61	43649	43644.6	4.4
A 14	751818	4283092	396.12	43677	43673.8	3.2
A 15	751834	4283109	395.58	43702	43711.5	-9.5
A 16	751849	4283126	395.07	43736	43749.5	-13.5
A 17	751865	4283143	394.67	43779	43756	23
A 18	751880	4283161	393.99	43755	43725.9	29.1
A 19	751895	4283177	393.25	43648	43670.5	-22.5
A 20	751911	4283194	392.4	43610	43630	-20
A 21	751926	4283211	391.01	43619	43628.5	-9.5
A 22	751939	4283227	390.1	43684	43653.1	30.9
A 23	751955	4283245	388.7	43701	43730.7	-29.7
A 24	751970	4283262	387.96	43718	43741.9	-23.9
A 25	751984	4283278	387.13	43840	43714.9	125.1
A 26	752000	4283296	386.33	43566	43667.4	-101.4
A 27	752014	4283311	385.39	43602	43601.6	.4
A 28	752029	4283329	384.57	43556	43535.1	20.9
A 29	752044	4283346	383.8	43509	43509.1	-.1
A 30	752060	4283364	383.17	43462	43443.7	18.3
A 31	752077	4283384	382.5	43362	43400.1	-38.1
A 32	752093	4283402	381.88	43370	43361.7	8.3

B 4	751724	4282844	403.83	43589	43591.9	-2.9
B 5	751739	4282860	403.14	43572	43578	-6
B 6	751755	4282877	402.81	43571	43570.3	.7
B 7	751770	4282893	402.2	43574	43574.3	-.3
B 8	751787	4282910	401.25	43580	43579	1
B 9	751802	4282927	400.62	43587	43581.7	5.3
B 10	751818	4282944	399.84	43581	43585	-4
B 11	751834	4282961	399.23	43589	43590	-1
B 12	751850	4282977	398.29	43603	43600.7	2.3
B 13	751866	4282993	397.52	43619	43622.1	-3.1
B 14	751880	4283010	396.8	43648	43649.7	-1.7
B 15	751896	4283026	395.89	43684	43683.9	.1
B 16	751917	4283050	395.61	43716	43708.4	7.6
B 17	751934	4283068	394.35	43745	43752.9	-7.9
B 18	751950	4283086	393.31	43748	43776.5	-28.5
B 19	751965	4283103	392.94	43830	43759.9	70.1
B 20	751981	4283120	391.61	43717	43724.9	-7.9
B 21	751996	4283138	390.46	43655	43718	-63
B 22	752012	4283156	389.03	43705	43712	-7
B 23	752028	4283173	387.88	43788	43728	60
B 24	752043	4283191	386.51	43702	43680	22
B 25	752059	4283209	384.58	43616	43653	-37
B 26	752075	4283227	383.26	43529	43610	-81
B 27	752090	4283245	381.95	43726	43595	131
C 4	751796	4282772	403.16	43651	43634.1	16.9
C 5	751811	4282788	402.12	43610	43619.1	-9.1
C 6	751826	4282805	400.02	43596	43611.6	-15.6
C 7	751842	4282822	399.02	43607	43604.9	2.1
C 8	751857	4282838	398.14	43628	43604	24
C 9	751872	4282855	396.17	43588	43601.4	-13.4
C 10	751887	4282871	394.29	43591	43600.5	-9.5
C 11	751902	4282888	393.97	43612	43606.9	5.1
C 12	751918	4282905	395.38	43633	43627.7	5.3
C 13	751935	4282924	393.91	43648	43648	0
C 14	751950	4282940	393.55	43668	43671.3	-3.3
C 15	751966	4282957	392.97	43705	43711.6	-6.6
C 16	751981	4282974	392.98	43751	43756.6	-5.6
C 17	751997	4282992	392.8	43812	43785.5	26.5
C 18	752014	4283011	392.74	43810	43818	-8
C 19	752030	4283029	392.57	43804	43837	-33
C 20	752046	4283048	391.09	43873	43835	38
C 21	752062	4283066	389.84	43821	43799	22
C 22	752078	4283083	388.68	43769	43801	-32
C 23	752094	4283101	387.75	43717	43778	-61
C 24	752110	4283119	386.9	43877	43759	118
C 25	752126	4283137	385.45	43721	43763	-42
C 26	752142	4283155	383.76	43718	43768.7	-50.7
C 27	752159	4283173	381.32	43824	43675.8	148.2
D 4	751891	4282716	402.34	43661	43664.4	-3.4
D 5	751906	4282733	400.47	43649	43655.9	-6.9
D 6	751921	4282750	398.24	43628	43632.6	-4.6
D 7	751936	4282767	396.67	43641	43625	16
D 8	751951	4282784	394.52	43599	43617.7	-18.7
D 9	751966	4282801	393.83	43628	43616.5	11.5
D 10	751982	4282819	391.41	43616	43619.9	-3.9
D 11	751997	4282837	390.85	43635	43637	-2
D 12	752013	4282854	390.56	43656	43649.1	6.9
D 13	752028	4282871	389.76	43678	43683	-5
D 14	752043	4282889	388.54	43710	43722	-12
D 15	752058	4282906	387.53	43780	43766	14
D 16	752074	4282924	387.17	43810	43809	1
D 17	752089	4282941	387.01	43840	43852	-12
D 18	752105	4282958	387.93	43870	43855	15
D 19	752120	4282975	386.83	43893	43883	10
D 20	752135	4282993	385.74	43835	43888	-53
D 21	752149	4283009	384.38	43959	43886.2	72.8
D 22	752165	4283027	383.2	43859	43910	-51
D 23	752180	4283044	381.78	43912	43894.3	17.7
D 24	752195	4283062	380.47	43971	43951.6	19.4
D 25	752210	4283079	379.49	43881	44013.8	-132.8
D 26	752225	4283097	380.24	44217	43986.7	230.3

D 27	752240	4283114	381.47	43941	44075.7	-134.7
D 28	752255	4283131	383.85	43923	44059	-136
D 29	752270	4283148	384.4	44294	43979.9	314.1
D 30	752285	4283165	383.85	43710	43925.7	-215.7
D 31	752300	4283183	382.8	43825	43755.3	69.7
D 32	752315	4283200	381.81	43571	43412.2	158.8
E 4	751959	4282648	402.49	43670	43659.8	10.2
E 5	751975	4282665	400.52	43671	43660.8	10.2
E 6	751990	4282682	398.85	43639	43658.7	-19.7
E 7	752006	4282699	397.43	43655	43653.2	1.8
E 8	752021	4282716	396.32	43653	43640.1	12.9
E 9	752037	4282733	394.85	43636	43630.5	5.5
E 10	752052	4282751	393.02	43600	43601.8	-1.8
E 11	752068	4282769	391.95	43625	43638.3	-13.3
E 12	752083	4282785	390.33	43646	43709.6	-63.6
E 13	752097	4282802	389.19	43858	43765.6	92.4
E 14	752113	4282819	387.02	43811	43790.9	20.1
E 15	752128	4282836	385.83	43740	43797.8	-57.8
E 16	752143	4282853	384.68	43783	43793.9	-10.9
E 17	752159	4282870	384.05	43847	43820.7	26.3
E 18	752175	4282888	383.25	43907	43889.8	17.2
E 19	752190	4282905	382.95	43885	43962	-77
E 20	752206	4282922	383.56	44044	43981	63
E 21	752221	4282939	383.55	44028	43958.1	69.9
E 22	752237	4282956	383.68	43879	43989	-110
E 23	752252	4282973	383.92	43925	43946.4	-21.4
E 24	752267	4282990	384.2	44115	43994.8	120.2
E 25	752283	4283007	385.19	43905	44036.2	-131.2
E 26	752297	4283024	386.38	44138	44027	111
E 27	752312	4283043	386.8	43945	44012.1	-67.1
E 28	752328	4283060	385.55	43972	43959.3	12.7
E 29	752343	4283078	384.05	43955	43865.4	89.6
E 30	752359	4283096	382.51	43685	43859.8	-174.8
E 31	752375	4283113	380.86	43859	43784.9	74.1
F 4	752021	4282579	399.93	43641	43658.6	-17.6
F 5	752037	4282595	398.12	43654	43684.1	-30.1
F 6	752053	4282613	396.8	43747	43687.5	59.5
F 7	752069	4282630	395.14	43720	43732	-12
F 8	752084	4282647	393.45	43716	43810	-94
F 9	752100	4282664	392.68	43890	43821.7	68.3
F 10	752116	4282681	391.41	43898	43799.7	98.3
F 11	752132	4282699	390.61	43644	43737.9	-93.9
F 12	752141	4282716	389.74	43628	43648.2	-20.2
F 13	752163	4282733	388.13	43644	43619.7	24.3
F 14	752179	4282750	387.07	43669	43675.5	-6.5
F 15	752194	4282767	385.99	43716	43730.2	-14.2
F 16	752210	4282783	385.43	43780	43750.5	29.5
F 17	752226	4282801	384.81	43797	43764.7	32.3
F 18	752241	4282818	387.28	43719	43780.8	-61.8
F 19	752257	4282835	389.17	43827	43820.3	6.7
F 20	752273	4282852	389.43	43903	43902	1
F 21	752288	4282869	389.58	43999	43989.6	9.4
F 22	752304	4282886	389.88	44061	44073.2	-12.2
F 23	752320	4282904	389.55	44040	44024	16
F 24	752336	4282922	388.93	44079	43977	102
F 25	752353	4282940	387.76	43708	43906.1	-198.1
F 26	752368	4282957	386.85	43966	43831.8	134.2
F 27	752384	4282975	386.03	43804	43812.3	-8.3
F 28	752400	4282992	385.02	43804	43931	-127
F 29	752416	4283010	383.68	43968	43887.7	80.3
F 30	752433	4283029	382.33	44030	43898.2	131.8
F 31	752451	4283045	380.86	43641	43829.2	-188.2
F 32	752468	4283063	379.56	43771	43665.6	105.4
F 33	752484	4283081	377.89	43559	43548.9	10.1
F 34	752501	4283099	375.97	43426	43525.5	-99.5
F 35	752519	4283116	375.09	43526	43473.1	52.9
F 36	752531	4283131	376.14	43505	43493.8	11.2
F 37	752549	4283151	376.78	43501	43506.8	-5.8
F 38	752565	4283169	377.61	43485	43452.8	32.2
G 4	752070	4282488	402.91	43641	43646	-5
G 5	752087	4282506	402.34	43653	43656	-3



G 6	752104	4282524	401.03	43676	43666	10
G 7	752121	4282543	399.37	43670	43671	-1
G 8	752138	4282561	397.69	43665	43666	-1
G 9	752154	4282579	396.1	43659	43657	2
G 10	752171	4282598	394.21	43647	43655	-8
G 11	752188	4282616	393	43651	43646	5
G 12	752204	4282633	392.37	43647	43630	17
G 13	752221	4282652	390.95	43619	43630	-11
G 14	752239	4282670	389.56	43634	43654	-20
G 15	752256	4282688	388.34	43718	43711	7
G 16	752273	4282707	386.92	43802	43788	14
G 17	752289	4282724	386.43	43886	43891	-5
G 18	752307	4282742	388.55	43970	44036	-66
G 19	752323	4282760	390.97	44132	44101	31
G 20	752340	4282778	391.39	44208	44038	170
G 21	752357	4282796	390.32	43871	43995.3	-124.3
G 22	752374	4282814	388.58	43769	43892.8	-123.8
G 23	752391	4282832	387.13	44061	43860	201
G 24	752407	4282850	386.07	43848	44023.8	-175.8
G 25	752424	4282868	385.12	44065	44068.2	-3.2
G 26	752440	4282886	384.34	44231	43951.2	279.8
G 27	752457	4282904	383.39	43725	43902.9	-177.9
G 28	752474	4282922	382.5	43658	43823.6	-165.6
G 29	752491	4282940	381.45	43889	43696.3	192.7
G 30	752508	4282960	380.29	43807	43736.3	70.7
G 31	752525	4282979	379.32	43489	43715	-226
G 32	752541	4282997	378.42	43785	43654.8	130.2
G 33	752558	4283015	377.68	43667	43660.8	6.2
G 34	752575	4283033	376.47	43656	43695.9	-39.9
G 35	752593	4283052	376.4	43646	43625.4	20.6
G 36	752610	4283069	377	43615	43601.2	13.8
G 37	752626	4283087	377.69	43539	43561.1	-22.1
G 38	752643	4283106	379.03	43531	43527	4
H 4	752150	4282416	398.5	43619	43620	-1
H 5	752167	4282435	397.84	43618	43623	-5
H 6	752183	4282453	397.28	43633	43628	5
H 7	752200	4282472	396.71	43629	43629	0
H 8	752217	4282491	395.64	43635	43625.7	9.3
H 9	752234	4282509	394.24	43624	43641.6	-17.6
H 10	752250	4282527	392.79	43643	43657.9	-14.9
H 11	752268	4282546	391.13	43708	43669.9	38.1
H 12	752284	4282564	389.28	43654	43662.7	-8.7
H 13	752300	4282582	389.58	43643	43635.4	7.6
H 14	752318	4282602	391.56	43601	43624.1	-23.1
H 15	752335	4282620	391.34	43626	43643.3	-17.3
H 16	752351	4282638	392.31	43702	43660.5	41.5
H 17	752368	4282656	392.79	43683	43665.8	17.2
H 18	752384	4282674	392.87	43680	43727.7	-47.7
H 19	752401	4282692	392.51	43727	43783	-56
H 20	752417	4282710	392.03	43974	43856.1	117.9
H 21	752434	4282729	390.78	43857	43905.5	-48.5
H 22	752450	4282747	389.81	43893	43886	7
H 23	752467	4282765	388.54	43848	43816.9	31.1
H 24	752483	4282783	387.38	43775	43860.6	-85.6
H 25	752499	4282801	386.68	43834	43830.5	3.5
H 26	752516	4282819	385.56	43957	43804.5	152.5
H 27	752532	4282838	384.72	43640	43777.4	-137.4
H 28	752548	4282855	384.12	43734	43715.7	18.3
H 29	752565	4282874	383.28	43740	43715.7	24.3
H 30	752582	4282891	382.87	43736	43794.6	-58.6
H 31	752598	4282911	381.89	43900	43853	47
H 32	752615	4282929	380.23	43838	43849.8	-11.8
H 33	752631	4282947	378.76	43871	43788.1	82.9
H 34	752648	4282966	377.05	43598	43676.8	-78.8
H 35	752664	4282983	376.46	43584	43599.3	-15.3
H 36	752681	4283002	377.56	43571	43550.1	20.9
H 37	752697	4283020	378.26	43565	43570.7	-5.7
H 38	752714	4283038	379.11	43574	43564.2	9.8
I 4	752220	4282343	397.51	43596	43602	-6
I 5	752237	4282361	396.04	43596	43597.5	-1.5
I 6	752254	4282380	394.61	43601	43596.8	4.2

I 7	752270	4282398	393.44	43595	43595.3	-1.3
I 8	752288	4282416	392.62	43592	43593.9	-1.9
I 9	752304	4282435	392.61	43593	43587.6	5.4
I 10	752321	4282454	392.55	43598	43603.4	-5.4
I 11	752338	4282472	392.6	43603	43627	-24
I 12	752354	4282490	393.87	43672	43639.5	32.5
I 13	752371	4282509	395.1	43646	43635.2	10.8
I 14	752388	4282528	394.56	43603	43621.9	-18.9
I 15	752404	4282547	393.5	43593	43601.5	-8.5
I 16	752421	4282565	392.23	43612	43605.9	6.1
I 17	752438	4282584	391.2	43621	43618.8	2.2
I 18	752455	4282602	390.47	43633	43626.5	6.5
I 19	752471	4282621	389.56	43630	43625.8	4.2
I 20	752488	4282639	388.79	43643	43663.4	-20.4
I 21	752505	4282658	388.32	43680	43703.1	-23.1
I 22	752522	4282677	387.18	43802	43737.5	64.5
I 23	752539	4282695	386.05	43746	43766.1	-20.1
I 24	752555	4282714	385.26	43763	43800.9	-37.9
I 25	752572	4282732	384.42	43820	43807.6	12.4
I 26	752589	4282751	384.01	43869	43824.4	44.6
I 27	752606	4282769	383.17	43786	43792	-6
I 28	752622	4282788	382.74	43782	43828.2	-46.2
I 29	752639	4282806	381.96	43775	43833.9	-58.9
I 30	752656	4282824	381.15	44018	43830.4	187.6
I 31	752673	4282842	380.98	43734	43841.9	-107.9
I 32	752689	4282860	380.04	43768	43858.2	-90.2
I 33	752706	4282878	378.69	43910	43775	135
I 34	752723	4282897	378.03	43833	43801.6	31.4
I 35	752739	4282915	377.43	43610	43782.4	-172.4
I 36	752756	4282934	378.19	43848	43743.4	104.6
I 37	752773	4282953	379.52	43749	43729.5	19.5
I 38	752789	4282971	380.98	43683	43703.4	-20.4
J 4	752293	4282274	400.9	43589	43587.3	1.7
J 5	752309	4282292	403.28	43583	43585.7	-2.7
J 6	752326	4282311	403.59	43585	43585.2	-.2
J 7	752343	4282330	402.86	43586	43584.2	1.8
J 8	752360	4282348	401.66	43584	43583.1	.9
J 9	752377	4282367	400.44	43579	43580.3	-1.3
J 10	752394	4282386	399.54	43578	43578	0
J 11	752410	4282404	398.94	43578	43577.6	.4
J 12	752427	4282423	398.12	43580	43581.7	-1.7
J 13	752444	4282441	397.61	43585	43585.6	-.6
J 14	752461	4282460	396.08	43594	43589.3	4.7
J 15	752478	4282478	395.41	43590	43591.8	-1.8
J 16	752494	4282497	393.08	43595	43595	0
J 17	752511	4282515	392.3	43601	43602.9	-1.9
J 18	752528	4282534	390.8	43617	43618.5	-1.5
J 19	752545	4282552	390.15	43640	43639.5	.5
J 20	752562	4282571	389.38	43660	43660.5	-.5
J 21	752579	4282589	389.37	43681	43676.4	4.6
J 22	752595	4282608	389.74	43684	43684	0
J 23	752612	4282627	390.23	43688	43688.4	-.4
J 24	752629	4282645	390.75	43688	43687.9	.1
J 25	752646	4282664	390.74	43701	43701.3	-.3
J 26	752663	4282682	389.73	43709	43719.7	-10.7
J 27	752679	4282700	388.75	43761	43755	6
J 28	752696	4282719	387.66	43770	43777.7	-7.7
J 29	752713	4282737	386.55	43810	43769.8	40.2
J 30	752730	4282756	385.27	43752	43760.6	-8.6
J 31	752747	4282774	381.84	43733	43803.4	-70.4
J 32	752764	4282793	383.69	43850	43837.5	12.5
J 33	752780	4282812	381.72	43944	43846.1	97.9
J 34	752797	4282830	379.54	43797	43835.6	-38.6
J 35	752814	4282849	378.52	43726	43778.7	-52.7
J 36	752831	4282868	378.66	43797	43783	14
J 37	752847	4282886	379.26	43763	43783.6	-20.6
J 38	752864	4282905	380.57	43857	43738.7	118.3
K 4	752372	4282214	406.61	43592	43592.6	-.6
K 5	752390	4282234	410.89	43589	43589	0
K 6	752406	4282252	414.87	43585	43585.3	-.3
K 7	752423	4282270	415.83	43583	43582.9	.1

K 8	752439	4282288	413.91	43581	43581.2	-.2
K 9	752456	4282306	412.23	43579	43579.1	-.1
K 10	752472	4282325	409.77	43578	43576.3	1.7
K 11	752489	4282343	407.41	43572	43573.2	-1.2
K 12	752506	4282361	405.04	43570	43570.1	-.1
K 13	752523	4282380	403.71	43568	43566.1	1.9
K 14	752539	4282398	400.62	43567	43567.6	-.6
K 15	752556	4282416	398.66	43567	43574	-7
K 16	752573	4282434	396.65	43585	43578.8	6.2
K 17	752589	4282452	394.47	43590	43583.1	6.9
K 18	752606	4282471	393.19	43580	43589.1	-9.1
K 19	752622	4282489	393.93	43594	43595.8	-1.8
K 20	752639	4282507	395.27	43612	43608	4
K 21	752656	4282525	395.27	43625	43626	-1
K 22	752672	4282543	395.11	43637	43639.6	-2.6
K 23	752689	4282562	395.22	43651	43644.8	6.2
K 24	752705	4282580	395.56	43649	43644.6	4.4
K 25	752723	4282599	395.54	43639	43642.9	-3.9
K 26	752739	4282616	394.98	43650	43662.7	-12.7
K 27	752755	4282635	394.5	43679	43685.4	-6.4
K 28	752772	4282653	393.24	43741	43703.8	37.2
K 29	752789	4282671	392.23	43705	43716.2	-11.2
K 30	752804	4282688	391.36	43720	43732.6	-12.6
K 31	752820	4282705	389.33	43772	43795.3	-23.3
K 32	752837	4282724	387.24	43857	43853.6	3.4
K 33	752854	4282742	384.7	43977	43906.1	70.9
K 34	752870	4282760	381.79	43864	43939.7	-75.7
K 35	752887	4282778	379.79	43955	43948.1	6.9
K 36	752903	4282797	380.37	43939	43911	28
K 37	752920	4282815	380.44	43875	43848	27
K 38	752937	4282834	380.86	43717	43735.5	-18.5
L 4	752460	4282159	412.61	43602	43603.9	-1.9
L 5	752476	4282177	415.28	43601	43598.3	2.7
L 6	752493	4282194	417.74	43592	43591.9	.1
L 7	752508	4282212	420.58	43585	43588.2	-3.2
L 8	752524	4282229	421.81	43584	43584.7	-.7
L 9	752540	4282247	419.19	43585	43580.4	4.6
L 10	752557	4282265	415.67	43576	43576	0
L 11	752573	4282282	412.45	43566	43570.7	-4.7
L 12	752589	4282300	409.64	43568	43565.8	2.2
L 13	752605	4282317	406.98	43564	43562.9	1.1
L 14	752620	4282336	404.29	43560	43560	0
L 15	752635	4282354	402.06	43556	43557	-1
L 16	752653	4282371	400.53	43555	43556.1	-1.1
L 17	752670	4282390	398.98	43559	43556.9	2.1
L 18	752686	4282408	398.98	43559	43559.7	-.7
L 19	752702	4282426	399.63	43563	43564	-1
L 20	752718	4282443	399.74	43570	43568.5	1.5
L 21	752734	4282461	399.65	43577	43576.7	.3
L 22	752750	4282479	399.14	43585	43588.6	-3.6
L 23	752766	4282497	398.1	43603	43602	1
L 24	752782	4282515	397.24	43619	43616.2	2.8
L 25	752799	4282533	396.38	43628	43626.9	1.1
L 26	752815	4282551	395.56	43639	43634.2	4.8
L 27	752831	4282568	394.58	43648	43666.5	-18.5
L 28	752846	4282586	393.5	43681	43692.7	-11.7
L 29	752862	4282603	392.41	43752	43699.9	52.1
L 30	752878	4282621	391.57	43681	43695.9	-14.9
L 31	752894	4282638	389.91	43662	43686.8	-24.8
L 32	752910	4282656	388.29	43695	43700.3	-5.3
L 33	752927	4282673	386.48	43735	43724.2	10.8
L 34	752942	4282691	385.32	43783	43737.5	45.5
L 35	752958	4282709	381.8	43714	43786.5	-72.5
L 36	752975	4282727	380.61	43785	43806.9	-21.9
L 37	752990	4282745	380.98	43902	43785	117
L 38	753007	4282763	382.3	43705	43746.3	-41.3
M 4	752537	4282095	416.33	43622	43616.3	5.7
M 5	752552	4282112	417.8	43617	43617.3	-.3
M 6	752568	4282130	418.96	43609	43609	0
M 7	752584	4282148	420.02	43600	43599.8	.2
M 8	752600	4282165	420.56	43590	43592.2	-2.2

M 9	752616	4282183	421.11	43587	43586.8	.2
M 10	752633	4282202	419.26	43583	43582.2	.8
M 11	752649	4282219	417.81	43579	43577.9	1.1
M 12	752665	4282237	416.02	43572	43572.7	-.7
M 13	752682	4282255	414.58	43568	43569.2	-1.2
M 14	752698	4282272	412.88	43566	43565.9	.1
M 15	752714	4282291	411.03	43566	43563.8	2.2
M 16	752730	4282309	409.54	43560	43561.7	-1.7
M 17	752746	4282326	408.15	43560	43559.3	.7
M 18	752762	4282343	406.82	43559	43559.4	-.4
M 19	752778	4282361	405.64	43560	43561.6	-1.6
M 20	752794	4282379	404.25	43567	43564.1	2.9
M 21	752810	4282396	402.48	43567	43568.1	-1.1
M 22	752826	4282414	400.78	43572	43572.5	-.5
M 23	752842	4282431	398.83	43579	43578.7	.3
M 24	752857	4282449	397.03	43586	43587	-1
M 25	752873	4282466	395.17	43598	43596.4	1.6
M 26	752889	4282483	393.2	43605	43605.9	-.9
M 27	752905	4282501	392.08	43617	43615.3	1.7
M 28	752921	4282519	391.39	43626	43625.2	.8
M 29	752937	4282537	391.38	43640	43648.9	-8.9
M 30	752952	4282553	391.07	43663	43665.5	-2.5
M 31	752968	4282570	390.37	43701	43674.4	26.6
M 32	752985	4282589	389.34	43666	43710.3	-44.3
M 33	753001	4282606	388.15	43677	43633.9	43.1
M 34	753017	4282624	386.67	43709	43615.7	93.3
M 35	753033	4282642	384.68	43425	43674.7	-249.7
M 36	753049	4282659	383.28	43865	43763.3	101.7
M 37	753066	4282677	382.89	43918	43839.5	78.5
M 38	753082	4282695	382.93	43852	43850.8	1.2
N 4	752604	4282020	419.03	43646	43643.4	2.6
N 5	752620	4282038	420.58	43638	43638	0
N 6	752636	4282056	421.42	43633	43632.7	.3
N 7	752652	4282073	422.12	43624	43623.8	.2
N 8	752668	4282091	422.53	43615	43615	0
N 9	752684	4282109	422.76	43605	43605.4	-.4
N 10	752699	4282126	422.75	43597	43596.6	.4
N 11	752715	4282143	422.58	43589	43589.3	-.3
N 12	752731	4282160	422.71	43583	43583.9	-.9
N 13	752748	4282178	421.3	43580	43579.6	.4
N 14	752764	4282197	420.26	43576	43574.8	1.2
N 15	752781	4282215	419.03	43571	43570.5	.5
N 16	752797	4282233	416.62	43564	43566	-2
N 17	752814	4282251	415.34	43565	43564.8	.2
N 18	752830	4282269	413.79	43563	43564.4	-1.4
N 19	752847	4282287	412.59	43568	43564.2	3.8
N 20	752863	4282305	409.95	43561	43562	-1
N 21	752879	4282323	408.29	43560	43560.8	-.8
N 22	752896	4282341	406.33	43559	43560.3	-1.3
N 23	752912	4282359	404.52	43565	43563.4	1.6
N 24	752928	4282376	403.05	43568	43568.4	-.4
N 25	752944	4282395	401.49	43574	43574.3	-.3
N 26	752961	4282413	400.79	43583	43580.7	2.3
N 27	752978	4282431	400.22	43590	43594	-4
N 28	752994	4282448	399.3	43605	43606.8	-1.8
N 29	753011	4282467	397.97	43630	43620.3	9.7
N 30	753028	4282485	396.87	43630	43635.4	-5.4
N 31	753045	4282504	395.61	43652	43656.6	-4.6
N 32	753062	4282523	394.41	43677	43679	-2
N 33	753079	4282542	392.63	43712	43695	17
N 34	753096	4282560	390.84	43717	43709.9	7.1
N 35	753112	4282578	388.93	43722	43789.8	-67.8
N 36	753129	4282597	387.22	43807	43802.4	4.6
N 37	753146	4282615	385.91	43932	43771.8	160.2
N 38	753163	4282634	385.14	43595	43717.9	-122.9
N 39	753180	4282653	384.84	43617	43652.3	-35.3
N 40	753197	4282671	384.43	43656	43612.4	43.6
N 41	753214	4282690	383.95	43664	43646.1	17.9
N 42	753229	4282707	384.19	43650	43670.6	-20.6
N 43	753246	4282728	384.24	43644	43691.1	-47.1
N 44	753262	4282746	383.93	43754	43676.3	77.7

N 45	753280	4282766	383.82	43656	43645.3	10.7
N 46	753296	4282784	384.7	43533	43593	-60
N 47	753312	4282802	384.45	43548	43529.4	18.6
N 48	753329	4282820	386.1	43519	43515.9	3.1
N 49	753346	4282838	388.06	43517	43521.7	-4.7
N 50	753363	4282857	390.36	43521	43515.1	5.9
N 51	753379	4282875	392.31	43520	43520.2	-1.2
N 52	753395	4282892	394.56	43521	43526.3	-5.3
N 53	753413	4282912	396.5	43538	43534.5	3.5
N 54	753430	4282930	398.33	43547	43545	2
N 55	753446	4282948	399.84	43556	43559.2	-3.2
N 56	753463	4282966	401.04	43568	43569.6	-1.6
N 57	753479	4282985	402.19	43587	43580.4	6.6
N 58	753495	4283003	402.92	43586	43590.1	-4.1
N 59	753512	4283021	403.56	43598	43598.3	-1.3
N 60	753528	4283039	404.29	43606	43605.5	.5
N 61	753545	4283058	404.87	43615	43615.5	-1.5
N 62	753562	4283076	405.24	43622	43622.1	-1.1
N 63	753578	4283095	405.36	43627	43625.1	1.9
N 64	753595	4283113	405.51	43625	43623.7	1.3
N 65	753612	4283131	404.6	43619	43620.7	-1.7
N 66	753629	4283150	403.64	43617	43617.7	-1.7
N 67	753645	4283168	402.95	43620	43615.7	4.3
N 68	753661	4283186	402.64	43624	43622.3	1.7
N 69	753678	4283205	401.84	43637	43667.1	-30.1
N 70	753694	4283223	399.6	43687	43680.7	6.3
N 71	753711	4283240	398.11	43758	43681.2	76.8
0 4	752685	4281960	418.57	43635	43636.6	-1.6
0 5	752700	4281978	420.3	43637	43638.1	-1.1
0 6	752716	4281995	422.28	43637	43636.1	.9
0 7	752733	4282014	423.49	43633	43632.2	.8
0 8	752748	4282031	424.08	43625	43624.8	.2
0 9	752764	4282048	425	43614	43614.9	-1.9
0 10	752780	4282066	425.76	43605	43604.4	.6
0 11	752796	4282084	426.97	43594	43594.5	-1.5
0 12	752811	4282101	428.42	43586	43586	0
0 13	752829	4282120	430.61	43579	43579.3	-1.3
0 14	752844	4282136	429.9	43574	43574.9	-1.9
0 15	752860	4282153	428.43	43572	43569.8	2.2
0 16	752876	4282171	426.26	43568	43568	0
0 17	752892	4282189	424.32	43563	43567.7	-4.7
0 18	752909	4282207	422.47	43572	43567.8	4.2
0 19	752925	4282224	420.21	43569	43569.1	-1.1
0 20	752941	4282242	418.14	43567	43568.6	-1.6
0 21	752954	4282257	417.21	43567	43564.3	2.7
0 22	752972	4282276	414.36	43560	43561.1	-1.1
0 23	752988	4282294	412.55	43557	43558	-1
0 24	753004	4282312	410.99	43557	43556	1
0 25	753020	4282329	409.38	43557	43557	0
0 26	753036	4282347	407.32	43560	43559.7	.3
0 27	753052	4282364	406.08	43566	43566.4	-1.4
0 28	753068	4282382	404.51	43577	43579.1	-2.1
0 29	753084	4282399	402.89	43596	43596.9	-1.9
0 30	753100	4282417	401.42	43617	43613.3	3.7
0 31	753116	4282435	399.97	43633	43627.2	5.8
0 32	753132	4282452	398.4	43639	43648.7	-9.7
0 33	753148	4282470	397.05	43665	43671.8	-6.8
0 34	753165	4282488	395.52	43712	43685.2	26.8
0 35	753181	4282506	394.43	43717	43737.8	-20.8
0 36	753197	4282524	392.89	43735	43782	-47
0 37	753213	4282542	391.97	43871	43790.6	80.4
0 38	753230	4282560	390.86	43769	43764.9	4.1
0 39	753246	4282578	390.02	43682	43717.8	-35.8
0 40	753262	4282596	389.36	43646	43664.4	-18.4
0 41	753278	4282614	388.63	43674	43660.5	13.5
0 42	753303	4282639	387.35	43678	43660	18
0 43	753320	4282659	386.54	43652	43655.6	-3.6
0 44	753336	4282678	385.96	43628	43636.4	-8.4
0 45	753353	4282696	385.51	43650	43658.9	-8.9
0 46	753370	4282714	385.36	43656	43685.2	-29.2
0 47	753387	4282733	385.66	43749	43679.5	69.5

O 48	753403	428:2751	386.36	43632	43634.2	-2.2
O 49	753420	428:2770	388.18	43536	43569.9	-33.9
O 50	753436	428:2788	389.99	43502	43502.3	-.3
O 51	753453	428:2807	391.93	43495	43488.9	6.1
O 52	753470	428:2825	394.46	43504	43500.5	3.5
O 53	753487	428:2844	394.21	43531	43542.6	-11.6
O 54	753505	428:2863	393.86	43586	43612.6	-26.6
O 55	753521	428:2880	394.16	43683	43651.1	31.9
O 56	753537	428:2899	394.6	43696	43647.4	48.6
O 57	753554	428:2919	394.88	43566	43608	-42
O 58	753571	428:2937	395.59	43541	43556.6	-15.6
O 59	753587	428:2956	397.12	43545	43538.9	6.1
O 60	753604	428:2974	398.56	43564	43560.4	3.6
O 61	753621	428:2993	400.35	43589	43582.7	6.3
O 62	753638	428:3011	402.13	43601	43613.4	-12.4
O 63	753655	428:3030	403.04	43639	43641.3	-2.3
O 64	753672	428:3048	402.4	43673	43655.3	17.7
O 65	753688	428:3066	400.74	43657	43655.4	1.6
O 66	753706	428:3085	398.22	43630	43639.6	-9.6
O 67	753722	428:3103	395.73	43620	43619.1	.9
O 68	753739	428:3121	393.67	43614	43612.8	1.2
O 69	753755	428:3139	392.36	43612	43619.9	-7.9
O 70	753772	428:3157	392.21	43632	43628.8	3.2
O 71	753788	428:3176	392.84	43647	43640.6	6.4
P 33	753226	428:2410	398.02	43601	43598.6	2.4
P 34	753242	428:2428	396.49	43618	43618.9	-.9
P 35	753260	428:2447	395.29	43641	43653.9	-12.9
P 36	753275	428:2464	394.57	43692	43688.5	3.5
P 37	753292	428:2482	393.95	43732	43713.8	18.2
P 38	753309	428:2500	393.43	43720	43735.9	-15.9
P 39	753325	428:2519	392.59	43718	43717.3	.7
P 40	753342	428:2537	391.91	43724	43687.1	36.9
P 41	753359	428:2555	389.76	43626	43671.4	-45.4
P 42	753377	428:2573	387.17	43658	43663.3	-5.3
P 43	753392	428:2592	386.41	43686	43652.1	33.9
P 44	753409	428:2610	386.8	43673	43682.5	-9.5
P 45	753425	428:2629	386.81	43652	43689	-37
P 46	753442	428:2646	387.17	43740	43690.1	49.9
P 47	753458	428:2665	387.43	43674	43694.6	-20.6
P 48	753475	428:2683	387.98	43669	43690.1	-21.1
P 49	753492	428:2702	388.58	43649	43604.8	44.2
P 50	753509	428:2720	389.39	43571	43537.2	33.8
P 51	753526	428:2738	390.61	43379	43479.8	-100.8
P 52	753548	428:2761	391.91	43481	43453.3	27.7
P 53	753561	428:2776	391.08	43493	43464.1	28.9
P 54	753578	428:2794	388.83	43489	43482.3	6.7
P 55	753595	428:2813	387.48	43481	43490.6	-9.6
P 56	753612	428:2831	387.09	43481	43536.7	-55.7
P 57	753629	428:2850	387.48	43633	43588.3	44.7
P 58	753645	428:2869	389.22	43650	43620.9	29.1
P 59	753663	428:2887	390.5	43606	43623.6	-17.6
P 60	753679	428:2905	391.9	43573	43588	-15
P 61	753696	428:2923	393.38	43573	43567.1	5.9
P 62	753712	428:2942	395	43570	43566	4
P 63	753729	428:2961	396.37	43565	43574.9	-9.9
P 64	753745	428:2979	397.47	43586	43583.4	2.6
P 65	753763	428:2998	398.01	43599	43591.5	7.5
P 66	753779	428:3016	397.76	43594	43595.8	-1.8
P 67	753796	428:3034	395.98	43590	43592	-2
P 68	753813	428:3053	393.42	43588	43587.7	.3
P 69	753830	428:3070	390.62	43586	43586.9	-.9
P 70	753846	428:3089	388.42	43586	43582.7	3.3
P 71	753863	428:3108	387.43	43586	43580.9	5.1
Q 33	753301	428:2342	394.47	43562	43558.2	3.8
Q 34	753317	428:2360	392.37	43570	43569.9	.1
Q 35	753334	428:2378	391.61	43585	43588.4	-3.4
Q 36	753351	428:2397	390.88	43610	43605.5	4.5
Q 37	753367	428:2415	389.93	43635	43621.5	13.5
Q 38	753384	428:2433	389.01	43659	43696.4	-37.4
Q 39	753401	428:2452	388.05	43719	43754.8	-35.8
Q 40	753417	428:2470	387.62	43890	43771.6	118.4

Q 41	753438	4282491	388.02	43721	43756.7	-35.7
Q 42	753451	4282508	387.96	43662	43710.2	-48.2
Q 43	753467	4282525	388.84	43680	43658.6	21.4
Q 44	753484	4282544	388.97	43674	43668.4	5.6
Q 45	753500	4282562	388.88	43690	43694	-4
Q 46	753517	4282580	389.03	43699	43727.1	-28.1
Q 47	753534	4282598	389.23	43771	43745	26
Q 48	753550	4282617	389.37	43761	43722.6	38.4
Q 49	753566	4282635	389.72	43667	43695.2	-28.2
Q 50	753583	4282653	390.45	43618	43665.3	-47.3
Q 51	753601	4282673	391.41	43676	43638.1	37.9
Q 52	753615	4282688	392.4	43643	43615.2	27.8
Q 53	753632	4282706	391.45	43541	43565.2	-24.2
Q 54	753649	4282725	388.97	43500	43496.4	3.6
Q 55	753666	4282744	386.73	43452	43464.1	-12.1
Q 56	753684	4282762	385.39	43462	43470.7	-8.7
Q 57	753701	4282780	383.82	43498	43484.7	13.3
Q 58	753719	4282797	383.26	43510	43498.9	11.1
Q 59	753735	4282816	383.82	43499	43504.8	-5.8
Q 60	753752	4282836	385.07	43496	43508.1	-12.1
Q 61	753769	4282854	385.8	43523	43517.2	5.8
Q 62	753786	4282873	386.88	43534	43529.9	4.1
Q 63	753802	4282892	388.13	43535	43535.4	-.4
Q 64	753818	4282910	389.5	43531	43529.5	1.5
Q 65	753835	4282928	390.88	43521	43522.1	-1.1
Q 66	753852	4282946	391.76	43516	43518.3	-2.3
Q 67	753868	4282965	391.92	43519	43520	-1
Q 68	753884	4282984	391.01	43529	43527.7	1.3
Q 69	753902	4283003	389	43539	43538.7	.3
Q 70	753918	4283021	386.59	43551	43550.5	.5
Q 71	753935	4283040	384.13	43564	43562.3	1.7
R 33	753375	4282276	389.64	43549	43551	-2
R 34	753392	4282294	391.07	43560	43557	3
R 35	753409	4282313	390.47	43563	43564.1	-1.1
R 36	753424	4282331	390.62	43572	43572	0
R 37	753441	4282349	391.08	43584	43581.8	2.2
R 38	753457	4282367	391.11	43597	43600.8	-3.8
R 39	753474	4282386	391.14	43623	43624.8	-1.8
R 40	753491	4282404	391.14	43661	43661.3	-.3
R 41	753508	4282422	391.3	43689	43693.9	-4.9
R 42	753525	4282440	391.37	43732	43710.8	21.2
R 43	753541	4282458	391.27	43715	43716.6	-1.6
R 44	753557	4282476	391.18	43715	43741.2	-26.2
R 45	753574	4282494	391.25	43752	43770.5	-18.5
R 46	753590	4282512	391.02	43820	43781.8	38.2
R 47	753607	4282531	391.16	43760	43712.3	47.7
R 48	753623	4282549	391.29	43627	43648.9	-21.9
R 49	753640	4282566	391.44	43495	43595.2	-100.2
R 50	753656	4282585	391.52	43677	43603.2	73.8
R 51	753673	4282603	391.67	43640	43645.1	-5.1
R 52	753690	4282621	391.9	43675	43678.7	-3.7
R 53	753706	4282639	391.9	43634	43622.4	11.6
R 54	753723	4282657	392.81	43589	43567.8	21.2
R 55	753740	4282676	393.77	43462	43499.3	-37.3
R 56	753757	4282694	391.75	43452	43449.6	2.4
R 57	753773	4282714	388.28	43438	43427.2	10.8
R 58	753791	4282732	384.62	43430	43443.3	-13.3
R 59	753807	4282750	382.27	43456	43456.3	-.3
R 60	753826	4282769	380.78	43481	43465.4	15.6
R 61	753841	4282788	379.86	43470	43465.7	4.3
R 62	753856	4282806	380.4	43448	43461	-13
R 63	753873	4282824	381.37	43454	43458.9	-4.9
R 64	753889	4282842	382.24	43477	43467	10
R 65	753905	4282860	383.1	43480	43480.8	-.8
R 66	753922	4282879	383.94	43490	43493.2	-3.2
R 67	753938	4282897	384.64	43505	43505.2	-.2
R 68	753954	4282915	383.89	43523	43521.4	1.6
R 69	753971	4282933	382.62	43537	43537	0
R 70	753987	4282952	381.23	43550	43550.8	-.8
R 71	754004	4282970	380.26	43562	43561.1	.9
S 33	753449	4282208	404.4	43558	43557.9	.1

S 34	753466	428:227	405.39	43564	43562.8	1.2
S 35	753482	428:2245	406.11	43568	43567.9	.1
S 36	753499	428:2264	407.09	43574	43574.6	-.6
S 37	753516	428:2283	406.1	43582	43583	-1
S 38	753532	428:2301	404.27	43596	43594	2
S 39	753549	428:2319	402.94	43608	43606.4	1.6
S 40	753565	428:2337	401.25	43625	43621.6	3.4
S 41	753582	428:2356	399.17	43649	43665.3	-16.3
S 42	753599	428:2375	398.19	43696	43708	-12
S 43	753616	428:2392	396.84	43788	43743.1	44.9
S 44	753632	428:2411	395.89	43747	43771	-24
S 45	753648	428:2429	395.28	43763	43783.4	-20.4
S 46	753666	428:2447	394.58	43777	43731.6	45.4
S 47	753684	428:2465	394.22	43732	43710.5	21.5
S 48	753701	428:2483	394.36	43601	43698.6	-97.6
S 49	753717	428:2502	394.38	43757	43717.1	39.9
S 50	753734	428:2520	393.61	43769	43760.9	8.1
S 51	753751	428:2539	392.5	43791	43778	13
S 52	753767	428:2557	391.46	43737	43702.2	34.8
S 53	753784	428:2575	390.65	43621	43679.9	-58.9
S 54	753800	428:2593	390.24	43584	43630.1	-46.1
S 55	753817	428:2611	390.95	43715	43586.8	128.2
S 56	753834	428:2630	390.32	43488	43552.5	-64.5
S 57	753850	428:2648	387.79	43482	43505.2	-23.2
S 58	753867	428:2666	385.41	43475	43451	24
S 59	753883	428:2685	383.35	43465	43465.5	-.5
S 60	753900	428:2703	381.73	43457	43462.3	-5.3
S 61	753916	428:2721	380.9	43470	43467	3
S 62	753933	428:2739	378.86	43476	43478.5	-2.5
S 63	753949	428:2758	377.86	43495	43492.4	2.6
S 64	753966	428:2776	377.33	43505	43503.5	1.5
S 65	753983	428:2795	377.07	43515	43516.4	-1.4
S 66	753999	428:2813	376.9	43526	43529.2	-3.2
S 67	754015	428:2831	377.71	43544	43542.1	1.9
S 68	754032	428:2849	377.94	43556	43552.2	3.8
S 69	754049	428:2868	377.43	43558	43559.7	-1.7
S 70	754065	428:2887	376.59	43562	43564.5	-2.5
S 71	754082	428:2905	377.72	43571	43570.5	.5
T 33	753520	428:2140	419.31	43566	43566.3	-.3
T 34	753537	428:2159	419.92	43569	43568.5	.5
T 35	753554	428:2177	420.3	43572	43571.4	.6
T 36	753570	428:2195	420.25	43574	43575.3	-1.3
T 37	753587	428:2213	418.21	43581	43580.5	.5
T 38	753603	428:2231	417.16	43588	43587.8	.2
T 39	753620	428:2249	414.14	43597	43597.6	-.6
T 40	753636	428:2268	411.3	43609	43608.3	.7
T 41	753653	428:2286	409.11	43623	43621	2
T 42	753670	428:2304	406.58	43638	43637.4	.6
T 43	753686	428:2322	404.14	43662	43671.7	-9.7
T 44	753703	428:2341	402.08	43701	43705.7	-4.7
T 45	753721	428:2360	400.38	43763	43743.7	19.3
T 46	753737	428:2379	398.78	43751	43760.2	-9.2
T 47	753754	428:2398	397.1	43779	43765.7	13.3
T 48	753771	428:2416	395.97	43741	43754.1	-13.1
T 49	753788	428:2435	395.02	43773	43778.1	-5.1
T 50	753805	428:2453	393.66	43766	43782	-16
T 51	753821	428:2471	392.46	43844	43789.6	54.4
T 52	753838	428:2489	391.05	43740	43795.9	-55.9
T 53	753853	428:2509	388.89	43763	43751.6	11.4
T 54	753871	428:2526	387.18	43744	43673.4	70.6
T 55	753888	428:2545	385.52	43546	43619	-73
T 56	753904	428:2562	383.94	43550	43556.2	-6.2
T 57	753920	428:2580	382.69	43551	43522.3	28.7
T 58	753937	428:2598	382.65	43524	43529.7	-5.7
T 59	753954	428:2616	383.53	43515	43519.3	-4.3
T 60	753970	428:2634	384.23	43514	43513.5	.5
T 61	753987	428:2653	382.89	43520	43517.2	2.8
T 62	754004	428:2671	382.1	43520	43522.3	-2.3
T 63	754020	428:2689	380.48	43527	43526.4	.6
T 64	754037	428:2707	378.56	43530	43528.2	1.8
T 65	754053	428:2725	376.72	43528	43528.2	-.2



T 66	754070	428:2744	375.19	43525	43524.7	.3
T 67	754087	428:2763	374.43	43521	43521.1	-.1
T 68	754103	428:2780	374.04	43519	43519.9	-.9
T 69	754119	428:2798	373.92	43522	43522.4	-.4
T 70	754136	428:2815	373.64	43529	43529	0
T 71	754154	428:2836	374.59	43540	43540	0
U 33	753594	428:2070	426.98	43574	43572.1	1.9
U 34	753611	428:2089	427.94	43572	43572.9	-.9
U 35	753628	428:2107	428.58	43573	43574	-1
U 36	753645	428:2125	427.94	43577	43575.8	1.2
U 37	753662	428:2144	426.71	43579	43578.9	.1
U 38	753679	428:2162	424.62	43583	43583.6	-.6
U 39	753696	428:2180	422.13	43588	43588.7	-.7
U 40	753712	428:2198	419.74	43598	43595.8	2.2
U 41	753729	428:2216	417.39	43603	43604.8	-1.8
U 42	753745	428:2234	414.36	43616	43615.9	.1
U 43	753762	428:2253	412.05	43630	43628.3	1.7
U 44	753779	428:2271	409.59	43646	43645.1	.9
U 45	753795	428:2289	407.36	43666	43672.4	-6.4
U 46	753812	428:2308	405.56	43699	43706.3	-7.3
U 47	753829	428:2326	404.02	43745	43726.8	18.2
U 48	753846	428:2346	402.48	43752	43747	5
U 49	753863	428:2365	400.91	43730	43754.9	-24.9
U 50	753880	428:2384	399.25	43777	43762	15
U 51	753897	428:2402	397.53	43762	43769.5	-7.5
U 52	753914	428:2421	396.1	43777	43775	2
U 53	753932	428:2440	394.59	43743	43730.7	12.3
U 54	753949	428:2458	392.78	43707	43691.6	15.4
U 55	753965	428:2477	390.6	43593	43644.7	-51.7
U 56	753982	428:2495	388.91	43636	43600.4	35.6
U 57	753999	428:2514	386.66	43578	43573.5	4.5
U 58	754016	428:2532	384.25	43540	43567.2	-27.2
U 59	754033	428:2549	381.47	43562	43546.5	15.5
U 60	754050	428:2568	379.45	43555	43549.9	5.1
U 61	754066	428:2587	378.28	43548	43558.5	-10.5
U 62	754084	428:2606	377.02	43567	43568	-1
U 63	754101	428:2625	376.25	43581	43578.4	2.6
U 64	754118	428:2643	375.45	43594	43583.6	10.4
U 65	754135	428:2662	374.85	43569	43577.2	-8.2
U 66	754152	428:2681	374.09	43564	43563.4	.6
U 67	754170	428:2698	373.28	43550	43546.7	3.3
U 68	754185	428:2717	372.72	43534	43536.8	-2.8
U 69	754204	428:2734	372.11	43526	43528.8	-2.8
U 70	754221	428:2753	371.32	43527	43525	2
U 71	754236	428:2773	370.91	43528	43524.6	3.4
V 33	753668	428:2007	429.86	43577	43578.3	-1.3
V 34	753684	428:2025	430.77	43578	43576.9	1.1
V 35	753701	428:2044	431.49	43576	43576.6	-.6
V 36	753718	428:2063	431.03	43577	43577.4	-.4
V 37	753734	428:2081	430.34	43580	43578.9	1.1
V 38	753751	428:2100	428.66	43581	43582.4	-1.4
V 39	753768	428:2118	426.97	43586	43585.8	.2
V 40	753786	428:2137	424.95	43591	43588.6	2.4
V 41	753802	428:2155	422.41	43592	43593.3	-1.3
V 42	753819	428:2174	419.8	43597	43599.1	-2.1
V 43	753835	428:2192	417.11	43609	43607	2
V 44	753852	428:2210	414.07	43618	43617.6	.4
V 45	753869	428:2228	411.33	43629	43628.9	.1
V 46	753885	428:2246	408.13	43643	43644.3	-1.3
V 47	753901	428:2264	403.98	43660	43662.9	-2.9
V 48	753918	428:2282	400.72	43688	43683	5
V 49	753934	428:2300	399.11	43702	43702	0
V 50	753951	428:2318	397.97	43721	43729.9	-8.9
V 51	753968	428:2336	396.2	43740	43744.4	-4.4
V 52	753985	428:2355	394.13	43770	43745.1	24.9
V 53	754002	428:2373	392.84	43713	43720.2	-7.2
V 54	754018	428:2391	390.75	43681	43668.8	12.2
V 55	754035	428:2409	387.37	43631	43659.1	-28.1
V 56	754051	428:2427	385.45	43622	43659.9	-37.9
V 57	754069	428:2446	386.14	43741	43652.5	88.5
V 58	754089	428:2468	387.39	43608	43636.9	-28.9

V 59	754102	4282482	386.97	43585	43607.2	-22.2
V 60	754118	4282500	385.61	43575	43568.6	6.4
V 61	754134	4282518	383.93	43583	43578.7	4.3
V 62	754150	4282536	382.4	43585	43586.3	-1.3
V 63	754167	4282555	380.16	43595	43599	-4
V 64	754184	4282572	378.89	43606	43603.7	2.3
V 65	754200	4282591	377.61	43612	43601.5	10.5
V 66	754217	4282609	376.45	43584	43591.5	-7.5
V 67	754234	4282627	375.32	43574	43576.2	-2.2
V 68	754250	4282645	374.32	43565	43561.8	3.2
V 69	754267	4282663	373.36	43553	43554.3	-1.3
V 70	754284	4282682	372.67	43547	43547.1	-.1
V 71	754301	4282701	372.28	43544	43544.6	-.6
W 33	753743	4281940	432.19	43587	43585.9	1.1
W 34	753759	4281958	433.45	43583	43583.8	-.8
W 35	753776	4281977	434.13	43582	43582.6	-.6
W 36	753793	4281995	434.28	43582	43581	1
W 37	753811	4282013	433.78	43581	43580.5	.5
W 38	753827	4282031	433.07	43579	43580.2	-1.2
W 39	753844	4282050	431.87	43581	43581	0
W 40	753861	4282068	430.05	43583	43582.8	.2
W 41	753877	4282086	428.15	43586	43585.5	.5
W 42	753894	4282105	425.64	43588	43588.7	-.7
W 43	753911	4282123	422.45	43592	43591.7	.3
W 44	753928	4282142	418.41	43597	43596	1
W 45	753943	4282160	414.26	43600	43601.4	-1.4
W 46	753960	4282178	410.65	43610	43608.6	1.4
W 47	753977	4282195	407.09	43618	43618.4	-.4
W 48	753993	4282214	404.68	43633	43635.6	-2.6
W 49	754010	4282232	402.16	43652	43657.5	-5.5
W 50	754027	4282250	399.21	43680	43673.6	6.4
W 51	754043	4282269	397.27	43687	43673.8	13.2
W 52	754061	4282287	396.79	43665	43669.8	-4.8
W 53	754077	4282306	397.06	43653	43670.1	-17.1
W 54	754094	4282323	395.89	43689	43703.8	-14.8
W 55	754111	4282342	394.14	43716	43707.3	8.7
W 56	754128	4282360	392.4	43736	43658	78
W 57	754144	4282379	390.64	43543	43588.1	-45.1
W 58	754162	4282397	388.93	43483	43535	-52
W 59	754178	4282415	387.02	43549	43530	19
W 60	754194	4282433	384.99	43591	43576.4	14.6
W 61	754211	4282452	383.39	43623	43606.9	16.1
W 62	754229	4282471	381.97	43592	43608.3	-16.3
W 63	754246	4282491	380.46	43602	43584	18
W 64	754263	4282509	379.46	43601	43624.5	-23.5
W 65	754279	4282528	378.08	43599	43660.4	-61.4
W 66	754296	4282546	377.08	43796	43666.2	129.8
W 67	754313	4282564	376.13	43608	43650.2	-42.2
W 68	754330	4282582	375.19	43576	43614.3	-38.3
W 69	754347	4282601	374.43	43575	43559.9	15.1
W 70	754363	4282619	373.96	43577	43572.6	4.4
W 71	754380	4282637	373.48	43575	43574.3	.7
X 33	753816	4281869	432.46	43593	43592	1
X 34	753833	4281888	434.31	43588	43588.5	-.5
X 35	753850	4281906	435.62	43587	43586.2	.8
X 36	753867	4281925	436.89	43583	43583.6	-.6
X 37	753884	4281943	437.63	43582	43582	0
X 38	753900	4281962	437.14	43581	43580.6	.4
X 39	753917	4281980	436.34	43580	43580.2	-.2
X 40	753935	4281999	434.69	43580	43580.3	-.3
X 41	753951	4282017	432.74	43581	43580.6	.4
X 42	753968	4282036	430.58	43582	43581.5	.5
X 43	753984	4282052	427.69	43582	43582.8	-.8
X 44	754001	4282073	423.46	43585	43584.7	.3
X 45	754019	4282091	418.48	43588	43587.6	.4
X 46	754036	4282109	413.39	43592	43591.6	.4
X 47	754052	4282127	409.7	43598	43597.3	.7
X 48	754069	4282145	405.24	43607	43607.1	-.1
X 49	754085	4282163	400.95	43624	43626.5	-2.5
X 50	754102	4282182	396.61	43651	43664	-13
X 51	754118	4282200	393.73	43692	43679.5	12.5

X	52	754134	4282218	391.51	43723	43691.1	31.9
X	53	754151	4282230	391.31	43652	43693.4	-41.4
X	54	754168	4282256	392.27	43716	43712.8	3.2
X	55	754185	4282274	392.01	43732	43752.5	-20.5
X	56	754202	4282293	392.52	43803	43775.2	27.8
X	57	754218	4282311	393.25	43771	43724.6	46.4
X	58	754235	4282329	393.82	43629	43657	-28
X	59	754252	4282347	392.98	43545	43588.6	-43.6
X	60	754268	4282366	391.82	43586	43566.8	19.2
X	61	754281	4282381	389.89	43602	43602.2	-.2
X	62	754302	4282404	385.54	43629	43629.3	-.3
X	63	754318	4282422	382.22	43657	43630.6	26.4
X	64	754335	4282441	379.93	43603	43623.2	-20.2
X	65	754353	4282460	377.84	43609	43607	2
X	66	754370	4282480	376.38	43605	43610.9	-5.9
X	67	754386	4282497	374.9	43614	43628.7	-14.7
X	68	754402	4282515	372.71	43660	43625	35
X	69	754419	4282534	371.65	43610	43612.1	-2.1
X	70	754436	4282552	370.91	43568	43589.3	-21.3
X	71	754452	4282570	370.79	43570	43564	6
Y	33	753889	4281803	431.04	43593	43594	-1
Y	34	753905	4281821	433.52	43592	43590.2	1.8
Y	35	753922	4281839	435.5	43588	43588.1	-.1
Y	36	753939	4281857	437.34	43585	43585.7	-.7
Y	37	753956	4281876	438.27	43583	43582.5	.5
Y	38	753973	4281895	437.53	43581	43580.3	.7
Y	39	753989	4281913	436.13	43577	43578.8	-1.8
Y	40	754006	4281931	433.91	43578	43577.1	.9
Y	41	754023	4281949	431.11	43577	43576	1
Y	42	754040	4281968	427.54	43574	43575.2	-1.2
Y	43	754057	4281986	423.4	43575	43575.2	-.2
Y	44	754073	4282004	418.84	43575	43575.2	-.2
Y	45	754090	4282023	413.74	43578	43575.8	2.2
Y	46	754106	4282041	409.17	43574	43575.2	-1.2
Y	47	754122	4282059	404.98	43577	43576.9	.1
Y	48	754139	4282077	402.1	43578	43579.2	-1.2
Y	49	754156	4282096	399.82	43589	43589.5	-.5
Y	50	754173	4282114	397.15	43594	43588	6
Y	51	754190	4282133	394.09	43613	43614.5	-1.5
Y	52	754206	4282151	391.64	43599	43625.3	-26.3
Y	53	754223	4282169	390.01	43699	43662.5	36.5
Y	54	754240	4282188	388.24	43626	43661.4	-35.4
Y	55	754256	4282206	386.64	43708	43642.9	65.1
Y	56	754273	4282224	385.67	43553	43603.3	-50.3
Y	57	754290	4282242	385.77	43582	43589.5	-7.5
Y	58	754306	4282260	386.46	43587	43570.6	16.4
Y	59	754323	4282279	387.01	43591	43591.9	-.9
Y	60	754340	4282297	386.89	43590	43590.2	-.2
Y	61	754357	4282316	385.58	43589	43580.9	8.1
Y	62	754374	4282334	383.58	43588	43593.3	-5.3
Y	63	754390	4282352	380.44	43588	43627.2	-39.2
Y	64	754407	4282371	378.09	43678	43638.3	39.7
Y	65	754423	4282390	375.62	43670	43635.2	34.8
Y	66	754441	4282408	373.77	43569	43617.4	-48.4
Y	67	754458	4282426	372.47	43591	43593.7	-2.7
Y	68	754474	4282443	371.21	43597	43590.6	6.4
Y	69	754491	4282463	369.99	43616	43599.8	16.2
Y	70	754507	4282480	368.48	43584	43590	-6
Y	71	754524	4282498	367.44	43569	43578.5	-9.5
Z	33	753963	4281736	431.17	43601	43589	12
Z	34	753980	4281754	433.28	43557	43582.7	-25.7
Z	35	753996	4281773	434.98	43591	43580.4	10.6
Z	36	754013	4281791	436.06	43588	43581.9	6.1
Z	37	754030	4281809	436.58	43583	43586.7	-3.7
Z	38	754047	4281828	435.42	43580	43579.7	.3
Z	39	754063	4281846	433.59	43575	43576.5	-1.5
Z	40	754083	4281864	429.59	43576	43574.6	1.4
Z	41	754096	4281882	425.63	43572	43572.8	-.8
Z	42	754113	4281900	421.22	43572	43571.5	.5
Z	43	754129	4281919	416.79	43569	43569	0
Z	44	754146	4281936	412.41	43568	43567.9	.1

Z 45	754162	4281955	408.22	43565	43565.8	-.8
Z 46	754179	4281974	404.93	43566	43564.2	1.8
Z 47	754197	4281993	402.78	43562	43564.1	-2.1
Z 48	754214	4282012	403.68	43563	43563.1	-.1
Z 49	754232	4282031	402.54	43565	43562	3
Z 50	754249	4282051	400.84	43558	43561.4	-3.4
Z 51	754267	4282071	398.86	43560	43558.7	1.3
Z 52	754285	4282090	396.59	43557	43556.3	.7
Z 53	754302	4282109	395.01	43551	43552	-1
Z 54	754319	4282127	392.84	43550	43546.5	3.5
Z 55	754335	4282146	390.29	43538	43541.9	-3.9
Z 56	754351	4282165	387.7	43543	43545	-2
Z 57	754368	4282182	385.08	43544	43546	-2
Z 58	754385	4282201	381.79	43558	43546.1	11.9
Z 59	754401	4282219	379.71	43535	43541.5	-6.5
Z 60	754417	4282237	378.92	43534	43536.7	-2.7
Z 61	754434	4282255	378.27	43533	43531.4	1.6
Z 62	754451	4282274	377.75	43535	43532.6	2.4
Z 63	754467	4282292	377.14	43533	43536.2	-3.2
Z 64	754489	4282316	374.55	43537	43539.6	-2.6
Z 65	754501	4282328	373.61	43550	43541.4	8.6
Z 66	754516	4282347	372.17	43542	43545.5	-3.5
Z 67	754533	4282364	370.88	43545	43549	-4
Z 68	754550	4282383	369.92	43559	43558.3	.7
Z 69	754567	4282401	369.35	43565	43566.7	-1.7
Z 70	754584	4282421	368.98	43582	43570.4	11.6
Z 71	754600	4282438	368.47	43560	43569.4	-9.4