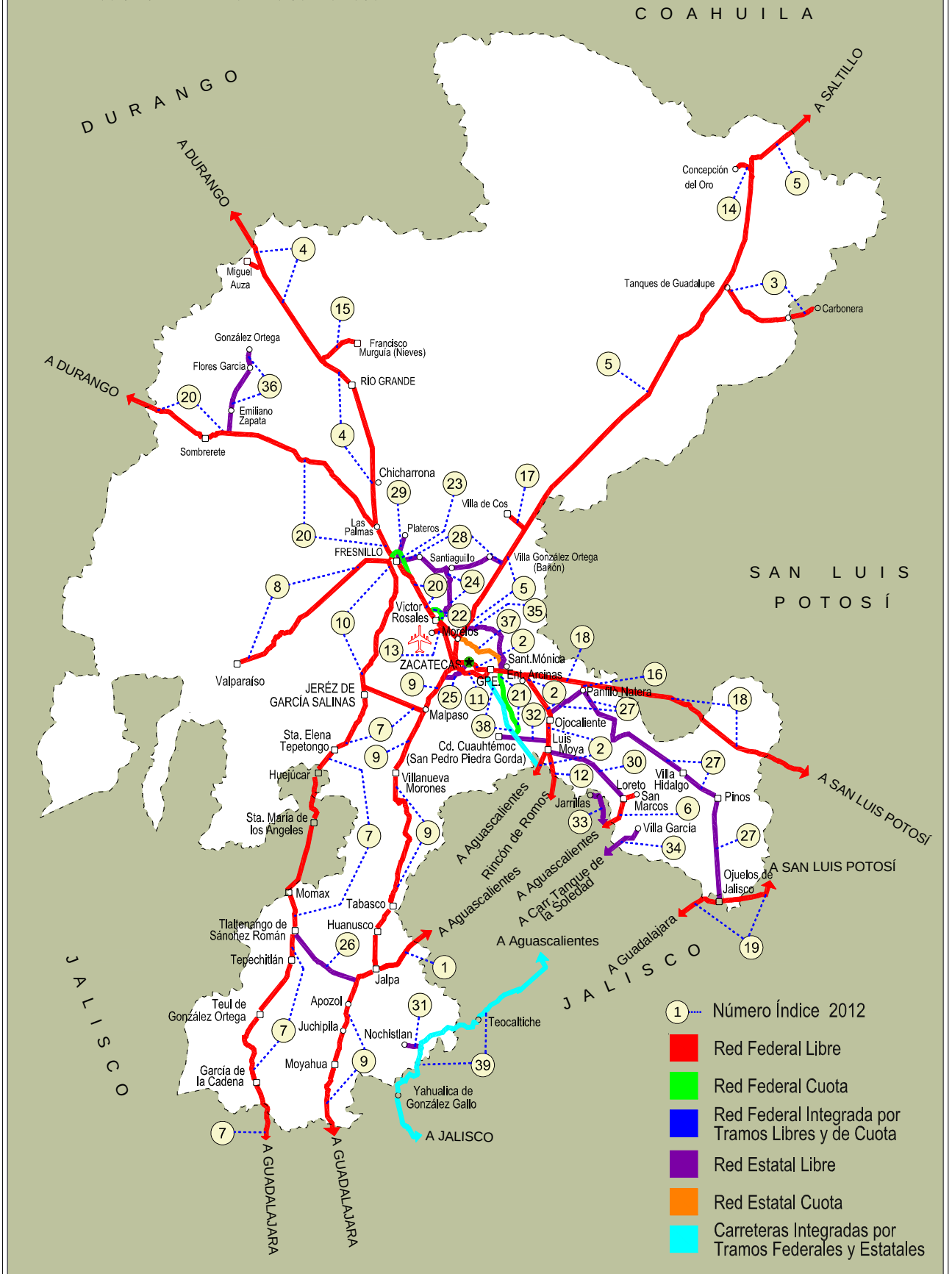


ZACATECAS

| No. INDICE                                                          | CARRETERA                                    | RUTA        |
|---------------------------------------------------------------------|----------------------------------------------|-------------|
| <b>---RED FEDERAL LIBRE---</b>                                      |                                              |             |
| 1                                                                   | Aguascalientes - Jalpa                       | MEX-070     |
| 2                                                                   | Aguascalientes - Zacatecas                   | MEX-045     |
| 3                                                                   | Carbonera - T. C. (Ent. Morelos - Saltillo)  | MEX-062     |
| 4                                                                   | Ent. La Chicharrona - Cuencamé               | MEX-049     |
| 5                                                                   | Ent. Morelos - Saltillo                      | MEX-054     |
| 6                                                                   | Ent. Rivier - San Marcos                     | MEX-066     |
| 7                                                                   | Ent. Tesistán - Ent. Malpaso                 | MEX-023     |
| 8                                                                   | Fresnillo - Valparaíso                       | MEX-044     |
| 9                                                                   | Guadalajara - Zacatecas                      | MEX-054     |
| 10                                                                  | Jerez - Fresnillo                            | MEX-023     |
| 11                                                                  | Libramiento de Guadalupe - Zacatecas         | MEX-045     |
| 12                                                                  | Providencia - Luis Moya                      | MEX-071     |
| 13                                                                  | Ramal a Aeropuerto Zacatecas                 | MEX-045     |
| 14                                                                  | Ramal a Concepción del Oro                   | MEX-054     |
| 15                                                                  | Ramal a Francisco Murguía (Nieves)           | MEX-049     |
| 16                                                                  | Ramal a Gral. Pánfilo Natera                 | MEX-049     |
| 17                                                                  | Ramal a Villa de Cos                         | MEX-054     |
| 18                                                                  | San Luis Potosí - Ent. Arcinas               | MEX-049     |
| 19                                                                  | San Luis Potosí - Lagos de Moreno            | MEX-070-080 |
| 20                                                                  | Zacatecas - Durango                          | MEX-045     |
| <b>---RED FEDERAL DE CUOTA---</b>                                   |                                              |             |
| 21                                                                  | Ent. Cuauhtémoc - Ent. Osiris (Cuota)        | MEX-045D    |
| 22                                                                  | Libramiento Calera de Víctor Rosales (Cuota) | MEX-045D    |
| 23                                                                  | Libramiento de Fresnillo (Cuota)             | MEX-045D    |
| <b>---RED ESTATAL LIBRE---</b>                                      |                                              |             |
| 24                                                                  | Calera de Víctor Rosales - Santiaguillo      | ZAC-016     |
| 25                                                                  | Cieneguillas - Zacatecas                     | ZAC         |
| 26                                                                  | Corral de Piedras - Tlaltenango              | ZAC         |
| 27                                                                  | Ent. Ojo Caliente - Ent. Ojuelos de Jalisco  | ZAC         |
| 28                                                                  | Fresnillo - Ent. Bañón                       | ZAC         |
| 29                                                                  | Fresnillo - Plateros                         | ZAC-022     |
| 30                                                                  | Ramal a Loreto                               | ZAC         |
| 31                                                                  | Ramal a Nochistlán                           | ZAC         |
| 32                                                                  | Ramal a San Pedro Piedra Gorda               | ZAC-AGS     |
| 33                                                                  | San Gil - Jarillas                           | AGS-012-ZAC |
| 34                                                                  | San Rafael - Villa García                    | AGS-ZAC     |
| 35                                                                  | Santa Mónica - Pozo de Gamboa                | ZAC         |
| 36                                                                  | Sombrerete - González Ortega                 | ZAC         |
| <b>---RED ESTATAL DE CUOTA---</b>                                   |                                              |             |
| 37                                                                  | Libramiento Noreste de Zacatecas (Cuota)     | ZAC-D       |
| <b>---CARRETERAS INTEGRADAS POR TRAMOS FEDERALES Y ESTATALES---</b> |                                              |             |
| 38                                                                  | Cosío - Guadalupe                            | MEX-ZAC     |
| 39                                                                  | Tepatitlán - Jaralillo                       | MEX-JAL-ZAC |

# 32 ZACATECAS

SECRETARÍA DE COMUNICACIONES Y TRANSPORTES  
DIRECCIÓN GENERAL DE SERVICIOS TÉCNICOS



# ZACATECAS

1 CARR: Aguascalientes - Jalpa

CLAVE: 00095

ruta: MEX-070

AÑO: 2011

| LUGAR                            | ESTACION |    |    |      | CLASIFICACION VEHICULAR EN PORCIENTO |      |     |     |     |      |      |        |       |      |     |      |       |       | COORDENADAS |             |
|----------------------------------|----------|----|----|------|--------------------------------------|------|-----|-----|-----|------|------|--------|-------|------|-----|------|-------|-------|-------------|-------------|
|                                  | KM       | TE | SC | TDPA | M                                    | A    | B   | C2  | C3  | T3S2 | T3S3 | T3S2R4 | OTROS | A    | B   | C    | K'    | D     | LATITUD     | LONGITUD    |
| Aguascalientes                   | 0.00     | 3  | 1  | 8489 | 0.6                                  | 87.9 | 2.3 | 5.3 | 1.2 | 1.1  | 1.1  | 0.2    | 0.3   | 88.5 | 2.3 | 9.2  | 0.078 | 0.506 | 21.875708   | -102.340975 |
| Aguascalientes                   | 0.00     | 3  | 2  | 8283 | 0.5                                  | 86.9 | 2.6 | 6.0 | 1.3 | 1.1  | 1.1  | 0.2    | 0.3   | 87.4 | 2.6 | 10.0 | 0.089 | 0.506 | 21.875569   | -102.341204 |
| T. Izq. Villa Hidalgo            | 7.80     | 3  | 1  | 5899 | 0.4                                  | 87.6 | 0.6 | 7.1 | 1.3 | 1.0  | 0.7  | 0.4    | 0.9   | 88.0 | 0.6 | 11.4 | 0.104 | 0.508 | 21.883469   | -102.370601 |
| T. Izq. Villa Hidalgo            | 7.80     | 3  | 2  | 5714 | 0.5                                  | 86.7 | 0.6 | 7.7 | 1.3 | 1.2  | 0.7  | 0.4    | 0.9   | 87.2 | 0.6 | 12.2 | 0.074 | 0.508 | 21.883097   | -102.370516 |
| T. Der. Gracias a Dios           | 20.00    | 3  | 0  | 6704 | 0.8                                  | 76.9 | 4.2 | 6.3 | 1.3 | 2.7  | 0.6  | 1.5    | 5.7   | 77.7 | 4.2 | 18.1 | 0.079 | 0.506 | 21.887486   | -102.463174 |
| T. Izq. Malpaso                  | 45.10    | 1  | 0  | 5913 | 1.0                                  | 86.2 | 4.6 | 4.3 | 1.2 | 2.1  | 0.4  | 0.0    | 0.2   | 87.2 | 4.6 | 8.2  | 0.079 | 0.533 | 21.881856   | -102.668122 |
| T. Der. Presa La Codorniz        | 49.30    | 3  | 1  | 7867 | 1.1                                  | 88.0 | 3.1 | 4.2 | 0.8 | 1.5  | 0.3  | 0.0    | 1.0   | 89.1 | 3.1 | 7.8  | 0.080 | 0.501 | 21.856508   | -102.695146 |
| T. Der. Presa La Codorniz        | 49.30    | 3  | 2  | 7894 | 1.1                                  | 87.3 | 3.4 | 4.2 | 0.9 | 1.6  | 0.3  | 0.0    | 1.2   | 88.4 | 3.4 | 8.2  | 0.074 | 0.501 | 21.856387   | -102.695135 |
| Calvillo                         | 52.30    | 3  | 1  | 4632 | 1.1                                  | 89.0 | 1.1 | 6.2 | 1.4 | 0.9  | 0.2  | 0.0    | 0.1   | 90.1 | 1.1 | 8.8  | 0.081 | 0.503 | 21.839055   | -102.739949 |
| Calvillo                         | 52.30    | 3  | 2  | 4692 | 1.2                                  | 88.4 | 1.3 | 6.2 | 1.6 | 1.0  | 0.2  | 0.0    | 0.1   | 89.6 | 1.3 | 9.1  | 0.083 | 0.503 | 21.839068   | -102.739963 |
| T. Der. Jaltiche de Abajo        | 63.80    | 3  | 0  | 5267 | 1.0                                  | 87.8 | 0.2 | 3.4 | 1.9 | 2.4  | 1.2  | 1.0    | 1.1   | 88.8 | 0.2 | 11.0 | 0.085 | 0.504 | 21.773614   | -102.803360 |
| Lim. Edos. Term. Ags. Ppia. Zac. | 65.66    |    |    |      |                                      |      |     |     |     |      |      |        |       |      |     |      |       |       |             |             |
| T. C. Guadalajara - Zacatecas    | 91.10    | 1  | 0  | 3955 | 2.1                                  | 81.4 | 6.4 | 2.5 | 1.6 | 3.0  | 1.0  | 0.6    | 1.4   | 83.5 | 6.4 | 10.1 | 0.073 | 0.502 | 21.652861   | -102.963266 |

2 CARR: Aguascalientes - Zacatecas

CLAVE: 00524

ruta: MEX-045

AÑO: 2011

| LUGAR                     | ESTACION |    |    |       | CLASIFICACION VEHICULAR EN PORCIENTO |      |     |     |     |      |      |        |       |      |     |      |       |       | COORDENADAS |             |
|---------------------------|----------|----|----|-------|--------------------------------------|------|-----|-----|-----|------|------|--------|-------|------|-----|------|-------|-------|-------------|-------------|
|                           | KM       | TE | SC | TDPA  | M                                    | A    | B   | C2  | C3  | T3S2 | T3S3 | T3S2R4 | OTROS | A    | B   | C    | K'    | D     | LATITUD     | LONGITUD    |
| Aguascalientes            | 0.00     |    |    |       |                                      |      |     |     |     |      |      |        |       |      |     |      |       |       |             |             |
| T. Izq. Pocitos           | 6.00     | 1  | 1  | 16053 | 0.2                                  | 77.0 | 4.7 | 6.0 | 2.8 | 4.0  | 3.6  | 1.0    | 0.7   | 77.2 | 4.7 | 18.1 | 0.071 | 0.500 | 21.904792   | -102.292617 |
| T. Izq. Pocitos           | 6.00     | 1  | 2  | 16027 | 0.2                                  | 74.8 | 5.2 | 6.5 | 3.1 | 4.3  | 4.1  | 1.0    | 0.8   | 75.0 | 5.2 | 19.8 | 0.065 | 0.500 | 21.904792   | -102.292617 |
| T. Der. Loreto            | 9.83     | 3  | 1  | 19465 | 0.1                                  | 83.2 | 4.3 | 3.9 | 1.7 | 3.1  | 2.1  | 1.2    | 0.4   | 83.3 | 4.3 | 12.4 | 0.103 | 0.514 | 21.973510   | -102.289545 |
| T. Der. Loreto            | 9.83     | 3  | 2  | 18442 | 0.1                                  | 81.0 | 4.9 | 4.4 | 1.9 | 3.5  | 2.4  | 1.4    | 0.4   | 81.1 | 4.9 | 14.0 | 0.086 | 0.514 | 21.973167   | -102.289499 |
| Santa Fé                  | 16.00    | 3  | 1  | 21893 | 0.1                                  | 83.4 | 3.9 | 3.9 | 2.0 | 3.6  | 1.9  | 0.8    | 0.4   | 83.5 | 3.9 | 12.6 | 0.090 | 0.511 | 22.027006   | -102.283346 |
| Santa Fé                  | 16.00    | 3  | 2  | 20991 | 0.1                                  | 81.6 | 4.1 | 4.4 | 2.2 | 4.0  | 2.2  | 1.0    | 0.4   | 81.7 | 4.1 | 14.2 | 0.075 | 0.511 | 22.026329   | -102.283658 |
| San Francisco de Los Romo | 22.73    | 1  | 1  | 5247  | 0.4                                  | 87.9 | 3.7 | 2.9 | 1.0 | 1.5  | 1.4  | 0.8    | 0.4   | 88.3 | 3.7 | 8.0  | 0.090 | 0.505 | 22.071858   | -102.274252 |
| San Francisco de Los Romo | 22.73    | 1  | 2  | 5136  | 0.3                                  | 87.0 | 3.9 | 3.2 | 1.2 | 1.7  | 1.4  | 0.9    | 0.4   | 87.3 | 3.9 | 8.8  | 0.075 | 0.505 | 22.071858   | -102.274252 |
| T. Der. Estación Pabellón | 31.00    | 1  | 1  | 10635 | 0.8                                  | 77.5 | 4.3 | 6.0 | 3.4 | 4.5  | 1.6  | 1.4    | 0.5   | 78.3 | 4.3 | 17.4 | 0.075 | 0.507 | 22.139797   | -102.290054 |
| T. Der. Estación Pabellón | 31.00    | 1  | 2  | 10945 | 0.4                                  | 75.8 | 4.7 | 6.5 | 3.8 | 5.0  | 1.8  | 1.5    | 0.5   | 76.2 | 4.7 | 19.1 | 0.079 | 0.507 | 22.139797   | -102.290054 |
| T. Der. Estación Pabellón | 31.00    | 3  | 1  | 9591  | 0.7                                  | 84.9 | 3.8 | 2.9 | 2.4 | 1.8  | 1.8  | 1.2    | 0.5   | 85.6 | 3.8 | 10.6 | 0.072 | 0.508 | 22.151696   | -102.294888 |
| T. Der. Estación Pabellón | 31.00    | 3  | 2  | 9273  | 0.5                                  | 83.5 | 4.0 | 3.5 | 2.7 | 2.2  | 1.8  | 1.3    | 0.5   | 84.0 | 4.0 | 12.0 | 0.084 | 0.508 | 22.151696   | -102.294888 |
| Rincón de Romos           | 40.90    | 3  | 0  | 5148  | 1.8                                  | 80.6 | 3.3 | 4.2 | 1.9 | 3.8  | 2.2  | 1.6    | 0.6   | 82.4 | 3.3 | 14.3 | 0.077 | 0.517 | 22.237640   | -102.317576 |
| La Punta                  | 51.00    | 1  | 1  | 6010  | 0.8                                  | 68.6 | 5.3 | 5.4 | 4.2 | 8.2  | 3.3  | 3.7    | 0.5   | 69.4 | 5.3 | 25.3 | 0.070 | 0.500 | 22.317112   | -102.295738 |
| La Punta                  | 51.00    | 1  | 2  | 6014  | 0.6                                  | 65.7 | 5.8 | 6.4 | 4.9 | 8.4  | 3.6  | 4.1    | 0.5   | 66.3 | 5.8 | 27.9 | 0.069 | 0.500 | 22.317112   | -102.295738 |
| Cosío                     | 56.00    | 3  | 1  | 5494  | 0.8                                  | 66.0 | 4.3 | 5.0 | 7.4 | 8.2  | 3.4  | 4.5    | 0.4   | 66.8 | 4.3 | 28.9 | 0.065 | 0.523 | 22.371757   | -102.298274 |

ZACATECAS

| C A R R : Aguascalientes - Zacatecas         |                 |    |    |       | CLAVE: 00524                                                      |      |     |     |     | RUTA: MEX-045 |      |        |       |      | AÑO: 2011 |      |       |       |                       |             |
|----------------------------------------------|-----------------|----|----|-------|-------------------------------------------------------------------|------|-----|-----|-----|---------------|------|--------|-------|------|-----------|------|-------|-------|-----------------------|-------------|
| L U G A R                                    | E S T A C I O N |    |    |       | C L A S I F I C A C I O N V E H I C U L A R E N P O R C I E N T O |      |     |     |     |               |      |        |       |      |           |      |       |       | C O O R D E N A D A S |             |
|                                              | KM              | TE | SC | TDPA  | M                                                                 | A    | B   | C2  | C3  | T3S2          | T3S3 | T3S2R4 | OTROS | A    | B         | C    | K'    | D     | LATITUD               | LONGITUD    |
| Cosío                                        | 56.00           | 3  | 2  | 5430  | 1.2                                                               | 61.3 | 4.7 | 5.8 | 8.5 | 9.6           | 3.7  | 4.8    | 0.4   | 62.5 | 4.7       | 32.8 | 0.072 | 0.523 | 22.371766             | -102.298280 |
| Lim. Edos. Term. Ags. Ppia. Zac.             | 62.67           |    |    |       |                                                                   |      |     |     |     |               |      |        |       |      |           |      |       |       |                       |             |
| Luis Moya                                    | 65.80           | 3  | 0  | 5930  | 0.9                                                               | 74.5 | 3.8 | 6.7 | 3.9 | 5.5           | 2.6  | 1.3    | 0.8   | 75.4 | 3.8       | 20.8 | 0.084 | 0.502 | 22.450362             | -102.255396 |
| T. Der. San Luis Potosí                      | 100.00          | 1  | 0  | 10045 | 0.6                                                               | 74.5 | 3.4 | 4.7 | 2.9 | 7.0           | 3.5  | 3.0    | 0.4   | 75.1 | 3.4       | 21.5 | 0.071 | 0.500 | 22.706385             | -102.321437 |
| T. Der. San Luis Potosí                      | 100.00          | 3  | 1  | 5630  | 0.5                                                               | 75.8 | 3.0 | 4.1 | 2.9 | 8.1           | 2.3  | 3.0    | 0.3   | 76.3 | 3.0       | 20.7 | 0.075 | 0.509 | 22.732550             | -102.339806 |
| T. Der. San Luis Potosí                      | 100.00          | 3  | 2  | 5840  | 0.4                                                               | 73.6 | 3.3 | 4.4 | 3.2 | 8.9           | 2.6  | 3.3    | 0.3   | 74.0 | 3.3       | 22.7 | 0.083 | 0.509 | 22.732550             | -102.339806 |
| T. Izq. Aguascalientes (Cuota)               | 113.50          | 1  | 1  | 9495  | 9.3                                                               | 69.1 | 2.8 | 4.1 | 3.2 | 5.8           | 2.8  | 2.7    | 0.2   | 78.4 | 2.8       | 18.8 | 0.072 | 0.500 | 22.751469             | -102.443996 |
| T. Izq. Aguascalientes (Cuota)               | 113.50          | 1  | 2  | 9486  | 5.2                                                               | 71.2 | 3.4 | 4.3 | 3.3 | 6.3           | 3.2  | 2.9    | 0.2   | 76.4 | 3.4       | 20.2 | 0.073 | 0.500 | 22.751469             | -102.443996 |
| T. Izq. Libramiento de Guadalupe y Zacatecas | 118.20          | 1  | 1  | 16740 | 0.1                                                               | 86.1 | 1.9 | 6.1 | 1.7 | 2.3           | 1.0  | 0.7    | 0.1   | 86.2 | 1.9       | 11.9 | 0.078 | 0.503 | 22.750860             | -102.488286 |
| T. Izq. Libramiento de Guadalupe y Zacatecas | 118.20          | 1  | 2  | 16553 | 0.1                                                               | 84.4 | 2.0 | 7.0 | 1.9 | 2.6           | 1.1  | 0.8    | 0.1   | 84.5 | 2.0       | 13.5 | 0.082 | 0.503 | 22.750567             | -102.492589 |
| Zacatecas                                    | 126.84          |    |    |       |                                                                   |      |     |     |     |               |      |        |       |      |           |      |       |       |                       |             |

|                                      |                                                       |  |  |  |                 |    |    |      |                                                                   |      |     |     |           |      |      |        |       |      |                       |      |       |       |           |             |
|--------------------------------------|-------------------------------------------------------|--|--|--|-----------------|----|----|------|-------------------------------------------------------------------|------|-----|-----|-----------|------|------|--------|-------|------|-----------------------|------|-------|-------|-----------|-------------|
| 3                                    | C A R R : Carbonera - T. C. (Ent. Morelos - Saltillo) |  |  |  | CLAVE: 00218    |    |    |      | RUTA: MEX-062                                                     |      |     |     | AÑO: 2011 |      |      |        |       |      |                       |      |       |       |           |             |
| L U G A R                            |                                                       |  |  |  | E S T A C I O N |    |    |      | C L A S I F I C A C I O N V E H I C U L A R E N P O R C I E N T O |      |     |     |           |      |      |        |       |      | C O O R D E N A D A S |      |       |       |           |             |
|                                      |                                                       |  |  |  | KM              | TE | SC | TDPA | M                                                                 | A    | B   | C2  | C3        | T3S2 | T3S3 | T3S2R4 | OTROS | A    | B                     | C    | K'    | D     | LATITUD   | LONGITUD    |
| Carbonera                            |                                                       |  |  |  | 0.00            | 3  | 0  | 2332 | 10.5                                                              | 68.3 | 6.3 | 6.9 | 2.0       | 2.7  | 1.5  | 0.8    | 1.0   | 78.8 | 6.3                   | 14.9 | 0.069 | 0.527 | 23.700375 | -100.623153 |
| Cedral                               |                                                       |  |  |  | 18.00           | 1  | 0  | 3651 | 6.2                                                               | 74.7 | 7.2 | 7.0 | 1.4       | 2.7  | 0.4  | 0.1    | 0.3   | 80.9 | 7.2                   | 11.9 | 0.096 | 0.501 | 23.807669 | -100.709220 |
| Cedral                               |                                                       |  |  |  | 18.00           | 3  | 0  | 2474 | 8.4                                                               | 71.0 | 6.2 | 5.7 | 2.3       | 2.9  | 1.6  | 1.0    | 0.9   | 79.4 | 6.2                   | 14.4 | 0.081 | 0.505 | 23.828641 | -100.736959 |
| Lim. Edos. Term. S. L. P. Ppia. Zac. |                                                       |  |  |  | 79.20           |    |    |      |                                                                   |      |     |     |           |      |      |        |       |      |                       |      |       |       |           |             |
| T. C. Ent. Morelos - Saltillo        |                                                       |  |  |  | 112.00          | 1  | 0  | 999  | 2.8                                                               | 82.6 | 3.7 | 4.5 | 2.7       | 2.2  | 1.2  | 0.1    | 0.2   | 85.4 | 3.7                   | 10.9 | 0.133 | 0.502 | 24.157483 | -101.494000 |

| 4 C A R R : Ent. La Chicharrona - Cuencamé |                 |    |    |      | CLAVE: 00152                                                      |      |     |     |     | RUTA: MEX-049 |      |        |       |      | AÑO: 2011 |      |       |       |                       |             |
|--------------------------------------------|-----------------|----|----|------|-------------------------------------------------------------------|------|-----|-----|-----|---------------|------|--------|-------|------|-----------|------|-------|-------|-----------------------|-------------|
| L U G A R                                  | E S T A C I O N |    |    |      | C L A S I F I C A C I O N V E H I C U L A R E N P O R C I E N T O |      |     |     |     |               |      |        |       |      |           |      |       |       | C O O R D E N A D A S |             |
|                                            | KM              | TE | SC | TDPA | M                                                                 | A    | B   | C2  | C3  | T3S2          | T3S3 | T3S2R4 | OTROS | A    | B         | C    | K'    | D     | LATITUD               | LONGITUD    |
| Ent. La Chicharrona                        | 0.00            | 3  | 1  | 3903 | 0.2                                                               | 65.9 | 4.6 | 3.4 | 4.5 | 11.1          | 5.3  | 4.2    | 0.8   | 66.1 | 4.6       | 29.3 | 0.083 | 0.513 | 23.307094             | -102.958684 |
| Ent. La Chicharrona                        | 0.00            | 3  | 2  | 4107 | 0.3                                                               | 63.1 | 4.9 | 3.7 | 4.6 | 12.3          | 5.8  | 4.5    | 0.8   | 63.4 | 4.9       | 31.7 | 0.080 | 0.513 | 23.307148             | -102.958939 |
| T. Der. Cañitas de Felipe Pescador         | 25.86           | 1  | 1  | 3353 | 0.2                                                               | 66.8 | 4.7 | 3.8 | 4.5 | 9.9           | 4.2  | 5.3    | 0.6   | 67.0 | 4.7       | 28.3 | 0.081 | 0.510 | 23.524130             | -102.959612 |
| T. Der. Cañitas de Felipe Pescador         | 25.86           | 1  | 2  | 3486 | 0.2                                                               | 64.9 | 4.8 | 3.9 | 4.8 | 10.4          | 4.3  | 5.9    | 0.8   | 65.1 | 4.8       | 30.1 | 0.081 | 0.510 | 23.524173             | -102.959975 |
| Río Grande                                 | 60.00           | 1  | 0  | 5297 | 2.2                                                               | 66.8 | 4.5 | 3.8 | 4.0 | 10.1          | 4.6  | 3.0    | 1.0   | 69.0 | 4.5       | 26.5 | 0.072 | 0.509 | 23.793444             | -103.016806 |
| Río Grande                                 | 60.00           | 3  | 0  | 7682 | 1.5                                                               | 65.9 | 3.9 | 2.8 | 4.0 | 10.9          | 5.0  | 5.0    | 1.0   | 67.4 | 3.9       | 28.7 | 0.089 | 0.518 | 23.872069             | -103.086262 |
| T. Der. Nieves                             | 78.00           | 3  | 0  | 5075 | 2.1                                                               | 65.2 | 5.1 | 3.3 | 4.1 | 10.1          | 3.9  | 5.2    | 1.0   | 67.3 | 5.1       | 27.6 | 0.062 | 0.513 | 23.925932             | -103.161451 |
| X. C. Juan Aldama - Miguel Auza            | 124.50          | 1  | 0  | 5692 | 0.7                                                               | 65.1 | 5.8 | 3.5 | 4.4 | 10.4          | 4.0  | 5.1    | 1.0   | 65.8 | 5.8       | 28.4 | 0.063 | 0.517 | 24.270440             | -103.399358 |
| X. C. Juan Aldama - Miguel Auza            | 124.50          | 3  | 0  | 7726 | 4.7                                                               | 62.7 | 5.7 | 3.1 | 3.8 | 10.1          | 3.9  | 5.0    | 1.0   | 67.4 | 5.7       | 26.9 | 0.058 | 0.507 | 24.287464             | -103.406551 |

# ZACATECAS

4 C A R R : Ent. La Chicharrona - Cuencamé

CLAVE: 00152

ruta: MEX-049

AÑO : 2011

| L U G A R                        | E S T A C I O N |    |    |      | C L A S I F I C A C I O N V E H I C U L A R E N P O R C I E N T O |      |     |     |     |      |      |        |       |      |     |      |       |       | C O O R D E N A D A S |             |
|----------------------------------|-----------------|----|----|------|-------------------------------------------------------------------|------|-----|-----|-----|------|------|--------|-------|------|-----|------|-------|-------|-----------------------|-------------|
|                                  | KM              | TE | SC | TDPA | M                                                                 | A    | B   | C2  | C3  | T3S2 | T3S3 | T3S2R4 | OTROS | A    | B   | C    | K'    | D     | LATITUD               | LONGITUD    |
| Lim. Edos. Term. Zac. Ppia. Dgo. | 134.30          |    |    |      |                                                                   |      |     |     |     |      |      |        |       |      |     |      |       |       |                       |             |
| T. Der. Santa Clara              | 144.00          | 1  | 0  | 4446 | 0.5                                                               | 47.1 | 7.7 | 7.5 | 4.2 | 19.6 | 5.1  | 7.7    | 0.6   | 47.6 | 7.7 | 44.7 | 0.072 | 0.511 | 24.434516             | -103.485277 |
| T. Der. Santa Clara              | 144.00          | 3  | 0  | 4238 | 0.7                                                               | 46.1 | 8.2 | 7.8 | 4.1 | 19.4 | 5.3  | 7.7    | 0.7   | 46.8 | 8.2 | 45.0 | 0.075 | 0.504 | 24.442429             | -103.490394 |
| Cuencamé                         | 199.10          | 1  | 0  | 4288 | 0.7                                                               | 37.3 | 7.7 | 7.3 | 4.5 | 24.9 | 8.1  | 8.6    | 0.9   | 38.0 | 7.7 | 54.3 | 0.061 | 0.511 | 24.832805             | -103.686424 |

5 C A R R : Ent. Morelos - Saltillo

CLAVE: 00149

ruta: MEX-054

AÑO : 2011

| L U G A R                         | E S T A C I O N |    |    |       | C L A S I F I C A C I O N V E H I C U L A R E N P O R C I E N T O |      |     |     |     |      |      |        |       |      |     |      |       |       | C O O R D E N A D A S |             |
|-----------------------------------|-----------------|----|----|-------|-------------------------------------------------------------------|------|-----|-----|-----|------|------|--------|-------|------|-----|------|-------|-------|-----------------------|-------------|
|                                   | KM              | TE | SC | TDPA  | M                                                                 | A    | B   | C2  | C3  | T3S2 | T3S3 | T3S2R4 | OTROS | A    | B   | C    | K'    | D     | LATITUD               | LONGITUD    |
| T. C. Zacatecas - Durango         | 0.00            | 3  | 1  | 2778  | 0.6                                                               | 68.1 | 5.4 | 5.5 | 5.5 | 8.7  | 2.9  | 2.2    | 1.1   | 68.7 | 5.4 | 25.9 | 0.076 | 0.508 | 22.868956             | -102.619483 |
| T. C. Zacatecas - Durango         | 0.00            | 3  | 2  | 2692  | 0.6                                                               | 64.8 | 5.9 | 5.9 | 6.6 | 9.6  | 2.9  | 2.5    | 1.2   | 65.4 | 5.9 | 28.7 | 0.076 | 0.508 | 22.868956             | -102.619483 |
| T. Der. Sta. Mónica               | 11.00           | 1  | 1  | 2607  | 0.4                                                               | 67.8 | 6.2 | 6.0 | 4.7 | 8.9  | 2.6  | 2.3    | 1.1   | 68.2 | 6.2 | 25.6 | 0.081 | 0.509 | 22.937509             | -102.570091 |
| T. Der. Sta. Mónica               | 11.00           | 1  | 2  | 2702  | 0.6                                                               | 64.6 | 6.7 | 6.2 | 5.4 | 9.7  | 3.0  | 2.6    | 1.2   | 65.2 | 6.7 | 28.1 | 0.078 | 0.509 | 22.937509             | -102.570091 |
| T. Der. Sta. Mónica               | 11.00           | 3  | 1  | 2326  | 0.5                                                               | 69.2 | 5.5 | 4.8 | 5.4 | 8.7  | 2.8  | 2.1    | 1.0   | 69.7 | 5.5 | 24.8 | 0.075 | 0.511 | 22.950493             | -102.559084 |
| T. Der. Sta. Mónica               | 11.00           | 3  | 2  | 2221  | 0.9                                                               | 64.3 | 6.2 | 5.6 | 6.5 | 9.8  | 3.2  | 2.3    | 1.2   | 65.2 | 6.2 | 28.6 | 0.070 | 0.511 | 22.950493             | -102.559084 |
| T. Izq. Villa de Cos              | 53.90           | 1  | 1  | 2682  | 2.0                                                               | 62.8 | 6.8 | 6.0 | 5.9 | 9.7  | 3.3  | 2.7    | 0.8   | 64.8 | 6.8 | 28.4 | 0.084 | 0.507 | 23.261929             | -102.335398 |
| T. Izq. Villa de Cos              | 53.90           | 1  | 2  | 2612  | 0.8                                                               | 60.1 | 6.9 | 6.9 | 6.6 | 11.3 | 3.5  | 3.0    | 0.9   | 60.9 | 6.9 | 32.2 | 0.084 | 0.507 | 23.261929             | -102.335398 |
| T. Izq. Villa de Cos              | 53.90           | 3  | 1  | 2277  | 0.5                                                               | 67.1 | 6.4 | 5.5 | 5.8 | 8.5  | 2.9  | 2.2    | 1.1   | 67.6 | 6.4 | 26.0 | 0.087 | 0.505 | 23.276557             | -102.325043 |
| T. Izq. Villa de Cos              | 53.90           | 3  | 2  | 2323  | 0.7                                                               | 63.9 | 6.7 | 6.0 | 5.9 | 9.9  | 3.2  | 2.7    | 1.0   | 64.6 | 6.7 | 28.7 | 0.076 | 0.505 | 23.276557             | -102.325043 |
| Sierra Vieja                      | 85.50           | 3  | 1  | 1520  | 0.4                                                               | 69.5 | 6.4 | 5.5 | 3.5 | 9.0  | 2.4  | 2.6    | 0.7   | 69.9 | 6.4 | 23.7 | 0.082 | 0.500 | 23.504092             | -102.123541 |
| Sierra Vieja                      | 85.50           | 3  | 2  | 1521  | 0.5                                                               | 66.2 | 7.2 | 6.1 | 3.7 | 10.1 | 2.7  | 2.8    | 0.7   | 66.7 | 7.2 | 26.1 | 0.090 | 0.500 | 23.504092             | -102.123541 |
| T. Der. Majoma                    | 144.50          | 3  | 1  | 1373  | 1.1                                                               | 68.8 | 5.3 | 5.4 | 3.9 | 9.4  | 3.1  | 2.3    | 0.7   | 69.9 | 5.3 | 24.8 | 0.084 | 0.505 | 23.878259             | -101.735414 |
| T. Der. Majoma                    | 144.50          | 3  | 2  | 1402  | 1.2                                                               | 65.6 | 5.9 | 5.9 | 4.1 | 10.3 | 3.7  | 2.7    | 0.6   | 66.8 | 5.9 | 27.3 | 0.079 | 0.505 | 23.878259             | -101.735414 |
| T. Der. San Tiburcio              | 185.25          | 1  | 1  | 1405  | 0.5                                                               | 66.6 | 5.8 | 5.6 | 4.4 | 10.2 | 3.2  | 2.5    | 1.2   | 67.1 | 5.8 | 27.1 | 0.080 | 0.502 | 24.156811             | -101.496088 |
| T. Der. San Tiburcio              | 185.25          | 1  | 2  | 1395  | 0.6                                                               | 63.2 | 6.3 | 6.4 | 4.9 | 11.1 | 3.3  | 2.7    | 1.5   | 63.8 | 6.3 | 29.9 | 0.084 | 0.502 | 24.156811             | -101.496088 |
| T. Der. San Tiburcio              | 185.25          | 3  | 1  | 1586  | 1.3                                                               | 71.2 | 4.5 | 5.1 | 3.5 | 9.4  | 2.7  | 2.0    | 0.3   | 72.5 | 4.5 | 23.0 | 0.090 | 0.507 | 24.159501             | -101.494243 |
| T. Der. San Tiburcio              | 185.25          | 3  | 2  | 1543  | 1.1                                                               | 67.5 | 5.2 | 5.7 | 4.2 | 10.6 | 3.0  | 2.4    | 0.3   | 68.6 | 5.2 | 26.2 | 0.093 | 0.507 | 24.159501             | -101.494243 |
| T. Izq. Concepción del Oro        | 240.00          | 1  | 1  | 2178  | 0.6                                                               | 59.1 | 9.9 | 9.7 | 2.5 | 11.4 | 2.4  | 3.6    | 0.8   | 59.7 | 9.9 | 30.4 | 0.072 | 0.507 | 24.611775             | -101.369270 |
| T. Izq. Concepción del Oro        | 240.00          | 1  | 2  | 2123  | 0.6                                                               | 59.1 | 9.9 | 9.7 | 2.5 | 11.4 | 2.4  | 3.6    | 0.8   | 59.7 | 9.9 | 30.4 | 0.072 | 0.507 | 24.611775             | -101.369270 |
| T. Izq. Concepción del Oro        | 240.00          | 3  | 1  | 2331  | 1.3                                                               | 64.7 | 6.2 | 5.8 | 4.2 | 10.8 | 2.5  | 3.7    | 0.8   | 66.0 | 6.2 | 27.8 | 0.070 | 0.513 | 24.627209             | -101.376316 |
| T. Izq. Concepción del Oro        | 240.00          | 3  | 2  | 2214  | 1.3                                                               | 64.7 | 6.2 | 5.8 | 4.2 | 10.8 | 2.5  | 3.7    | 0.8   | 66.0 | 6.2 | 27.8 | 0.070 | 0.513 | 24.627209             | -101.376316 |
| Lim. Edos. Term. Zac. Ppia. Coah. | 266.50          |    |    |       |                                                                   |      |     |     |     |      |      |        |       |      |     |      |       |       |                       |             |
| Agua Nueva                        | 322.00          | 1  | 0  | 4499  | 0.8                                                               | 62.5 | 6.8 | 6.0 | 5.9 | 10.6 | 3.2  | 3.5    | 0.7   | 63.3 | 6.8 | 29.9 | 0.084 | 0.504 | 25.175500             | -101.095500 |
| T. Der. La Trinidad               | 333.00          | 3  | 0  | 10222 | 1.2                                                               | 65.9 | 6.4 | 5.2 | 5.3 | 9.8  | 3.0  | 2.0    | 1.2   | 67.1 | 6.4 | 26.5 | 0.081 | 0.513 | 25.275363             | -101.090194 |
| X. C. Libramiento de Saltillo     | 348.00          | 1  | 1  | 12667 | 0.9                                                               | 66.7 | 5.8 | 5.9 | 5.9 | 9.6  | 1.8  | 2.5    | 0.9   | 67.6 | 5.8 | 26.6 | 0.107 | 0.519 | 25.368403             | -101.015039 |

ZACATECAS

| 5 C A R R : Ent. Morelos - Saltillo     |                 |    |    | CLAVE: 00149 |                                                                   |      |     | RUTA: MEX-054 |     |      |      | AÑO : 2011 |       |      |     |      |       |       |                       |             |
|-----------------------------------------|-----------------|----|----|--------------|-------------------------------------------------------------------|------|-----|---------------|-----|------|------|------------|-------|------|-----|------|-------|-------|-----------------------|-------------|
| L U G A R                               | E S T A C I O N |    |    |              | C L A S I F I C A C I O N V E H I C U L A R E N P O R C I E N T O |      |     |               |     |      |      |            |       |      |     |      |       |       | C O O R D E N A D A S |             |
|                                         | KM              | TE | SC | TDPA         | M                                                                 | A    | B   | C2            | C3  | T3S2 | T3S3 | T3S2R4     | OTROS | A    | B   | C    | K'    | D     | LATITUD               | LONGITUD    |
| X. C. Libramiento de Saltillo           | 348.00          | 1  | 2  | 11719        | 1.1                                                               | 63.4 | 6.9 | 6.5           | 6.4 | 10.0 | 2.2  | 2.5        | 1.0   | 64.5 | 6.9 | 28.6 | 0.088 | 0.519 | 25.368403             | -101.015039 |
| Saltillo                                | 354.00          | 1  | 1  | 11076        | 1.7                                                               | 70.7 | 4.1 | 7.4           | 3.6 | 5.6  | 3.2  | 1.7        | 2.0   | 72.4 | 4.1 | 23.5 | 0.074 | 0.508 | 25.388456             | -101.006170 |
| Saltillo                                | 354.00          | 1  | 2  | 12338        | 1.1                                                               | 67.6 | 4.6 | 9.0           | 4.0 | 6.2  | 3.5  | 1.8        | 2.2   | 68.7 | 4.6 | 26.7 | 0.065 | 0.508 | 25.388456             | -101.006170 |
| 6 C A R R : Ent. Rivier - San Marcos    |                 |    |    | CLAVE: 00285 |                                                                   |      |     | RUTA: MEX-066 |     |      |      | AÑO : 2011 |       |      |     |      |       |       |                       |             |
| L U G A R                               | E S T A C I O N |    |    |              | C L A S I F I C A C I O N V E H I C U L A R E N P O R C I E N T O |      |     |               |     |      |      |            |       |      |     |      |       |       | C O O R D E N A D A S |             |
|                                         | KM              | TE | SC | TDPA         | M                                                                 | A    | B   | C2            | C3  | T3S2 | T3S3 | T3S2R4     | OTROS | A    | B   | C    | K'    | D     | LATITUD               | LONGITUD    |
| T. C. Aguascalientes - Zacatecas        | 0.00            | 3  | 0  | 8984         | 0.6                                                               | 83.4 | 3.6 | 5.1           | 2.1 | 3.2  | 1.1  | 0.6        | 0.3   | 84.0 | 3.6 | 12.4 | 0.073 | 0.509 | 21.962500             | -102.287963 |
| T. Izq. El Tepetate                     | 10.50           | 3  | 0  | 7345         | 0.4                                                               | 82.2 | 0.9 | 9.7           | 2.1 | 3.1  | 0.6  | 0.4        | 0.6   | 82.6 | 0.9 | 16.5 | 0.082 | 0.503 | 21.999686             | -102.193628 |
| T. Der. Jilotepec                       | 23.60           | 3  | 0  | 6698         | 0.6                                                               | 86.8 | 3.3 | 2.5           | 2.8 | 2.6  | 0.5  | 0.6        | 0.3   | 87.4 | 3.3 | 9.3  | 0.083 | 0.500 | 22.056149             | -102.098345 |
| Villa Juárez                            | 30.00           | 3  | 0  | 8121         | 0.9                                                               | 84.8 | 3.7 | 3.0           | 1.6 | 4.2  | 0.8  | 0.2        | 0.8   | 85.7 | 3.7 | 10.6 | 0.076 | 0.509 | 22.100543             | -102.064095 |
| Ciénega Grande                          | 41.50           | 1  | 0  | 6494         | 1.1                                                               | 84.6 | 2.9 | 4.5           | 2.5 | 3.3  | 0.6  | 0.1        | 0.4   | 85.7 | 2.9 | 11.4 | 0.078 | 0.501 | 22.188484             | -102.020104 |
| Ciénega Grande                          | 41.50           | 3  | 0  | 5681         | 0.9                                                               | 85.0 | 2.9 | 4.3           | 2.6 | 3.3  | 0.5  | 0.1        | 0.4   | 85.9 | 2.9 | 11.2 | 0.081 | 0.500 | 22.200299             | -102.015144 |
| Lim. Edos. Term. Ags. Ppia. Zac.        | 45.75           |    |    |              |                                                                   |      |     |               |     |      |      |            |       |      |     |      |       |       |                       |             |
| San Marcos                              | 56.00           | 1  | 0  | 6918         | 2.3                                                               | 85.1 | 2.6 | 4.9           | 1.0 | 2.4  | 0.7  | 0.2        | 0.8   | 87.4 | 2.6 | 10.0 | 0.089 | 0.504 | 22.277235             | -101.955086 |
| 7 C A R R : Ent. Tesisán - Ent. Malpaso |                 |    |    | CLAVE: 00584 |                                                                   |      |     | RUTA: MEX-023 |     |      |      | AÑO : 2011 |       |      |     |      |       |       |                       |             |
| L U G A R                               | E S T A C I O N |    |    |              | C L A S I F I C A C I O N V E H I C U L A R E N P O R C I E N T O |      |     |               |     |      |      |            |       |      |     |      |       |       | C O O R D E N A D A S |             |
|                                         | KM              | TE | SC | TDPA         | M                                                                 | A    | B   | C2            | C3  | T3S2 | T3S3 | T3S2R4     | OTROS | A    | B   | C    | K'    | D     | LATITUD               | LONGITUD    |
| T. C. Guadalajara - Tesisán             | 0.00            | 3  | 0  | 15890        | 1.7                                                               | 86.2 | 2.1 | 5.3           | 2.1 | 1.0  | 0.1  | 0.3        | 1.2   | 87.9 | 2.1 | 10.0 | 0.071 | 0.509 | 20.787085             | -103.461498 |
| Lim. Edos. Term. Jal. Ppia. Zac.        | 42.00           |    |    |              |                                                                   |      |     |               |     |      |      |            |       |      |     |      |       |       |                       |             |
| García de La Cadena                     | 54.00           | 1  | 0  | 1738         | 3.6                                                               | 81.9 | 2.9 | 6.4           | 2.7 | 1.6  | 0.8  | 0.0        | 0.1   | 85.5 | 2.9 | 11.6 | 0.073 | 0.517 | 21.201463             | -103.461548 |
| Tlaltenango de Sánchez Román            | 147.50          | 3  | 0  | 3871         | 2.4                                                               | 83.7 | 1.5 | 5.1           | 2.1 | 2.9  | 1.3  | 0.2        | 0.8   | 86.1 | 1.5 | 12.4 | 0.106 | 0.502 | 21.796157             | -103.298884 |
| Momax                                   | 165.00          | 3  | 0  | 4550         | 2.5                                                               | 85.4 | 1.5 | 4.1           | 2.1 | 1.9  | 1.4  | 0.2        | 0.9   | 87.9 | 1.5 | 10.6 | 0.095 | 0.506 | 21.932236             | -103.309809 |
| Lim. Edos. Term. Zac. Ppia. Jal.        | 171.80          |    |    |              |                                                                   |      |     |               |     |      |      |            |       |      |     |      |       |       |                       |             |
| Colotlán                                | 175.00          | 1  | 0  | 2914         | 0.2                                                               | 89.1 | 2.5 | 3.4           | 1.5 | 1.4  | 0.7  | 0.0        | 1.2   | 89.3 | 2.5 | 8.2  | 0.091 | 0.503 | 22.096183             | -103.269306 |
| Lim. Edos. Term. Jal. Ppia. Zac.        | 209.90          |    |    |              |                                                                   |      |     |               |     |      |      |            |       |      |     |      |       |       |                       |             |
| Lim. Edos. Term. Zac. Ppia. Jal.        | 214.80          |    |    |              |                                                                   |      |     |               |     |      |      |            |       |      |     |      |       |       |                       |             |
| Lim. Edos. Term. Jal. Ppia. Zac.        | 223.95          |    |    |              |                                                                   |      |     |               |     |      |      |            |       |      |     |      |       |       |                       |             |
| Tepetongo                               | 235.00          | 3  | 0  | 2789         | 1.5                                                               | 80.2 | 3.3 | 6.5           | 2.2 | 3.6  | 2.0  | 0.6        | 0.1   | 81.7 | 3.3 | 15.0 | 0.094 | 0.507 | 22.467144             | -103.141295 |
| Jerez de García Salinas                 | 249.00          | 1  | 0  | 5072         | 0.7                                                               | 87.2 | 1.9 | 4.9           | 1.1 | 2.9  | 1.0  | 0.1        | 0.2   | 87.9 | 1.9 | 10.2 | 0.087 | 0.502 | 22.610037             | -103.011776 |
| T. C. Guadalajara - Zacatecas           | 275.00          | 1  | 0  | 5265         | 0.4                                                               | 82.5 | 3.9 | 5.0           | 2.3 | 3.0  | 1.8  | 0.3        | 0.8   | 82.9 | 3.9 | 13.2 | 0.107 | 0.525 | 22.616662             | -102.760011 |

# ZACATECAS

8 C A R R : Fresnillo - Valparaíso

CLAVE: 32547

RUTA: MEX-044

AÑO : 2011

| L U G A R                    | E S T A C I O N |    |    |      | C L A S I F I C A C I O N V E H I C U L A R E N P O R C I E N T O |      |     |     |     |      |      |        |       |      |     |      |       |       | C O O R D E N A D A S |             |
|------------------------------|-----------------|----|----|------|-------------------------------------------------------------------|------|-----|-----|-----|------|------|--------|-------|------|-----|------|-------|-------|-----------------------|-------------|
|                              | KM              | TE | SC | TDPA | M                                                                 | A    | B   | C2  | C3  | T3S2 | T3S3 | T3S2R4 | OTROS | A    | B   | C    | K'    | D     | LATITUD               | LONGITUD    |
| Fresnillo                    | 0.00            | 3  | 0  | 7054 | 2.1                                                               | 75.9 | 4.5 | 8.7 | 2.4 | 3.4  | 1.5  | 0.6    | 0.9   | 78.0 | 4.5 | 17.5 | 0.076 | 0.503 | 23.174226             | -102.921157 |
| T. Izq. Guanajuato           | 24.50           | 1  | 0  | 2494 | 1.8                                                               | 75.4 | 5.1 | 9.4 | 2.1 | 3.2  | 1.4  | 0.6    | 1.0   | 77.2 | 5.1 | 17.7 | 0.084 | 0.501 | 23.100515             | -103.087682 |
| T. Izq. Sombreretillo        | 45.00           | 3  | 0  | 1628 | 0.2                                                               | 79.0 | 4.6 | 7.4 | 2.6 | 2.7  | 2.4  | 0.4    | 0.7   | 79.2 | 4.6 | 16.2 | 0.079 | 0.500 | 22.995570             | -103.215690 |
| T. Izq. San José de Llanetes | 55.00           | 3  | 0  | 1200 | 0.2                                                               | 80.7 | 3.9 | 6.7 | 2.7 | 2.5  | 2.1  | 0.5    | 0.7   | 80.9 | 3.9 | 15.2 | 0.075 | 0.506 | 22.926257             | -103.294137 |
| T. Izq. Lobatos              | 71.00           | 3  | 0  | 1966 | 1.0                                                               | 77.1 | 5.6 | 9.8 | 2.3 | 2.2  | 0.9  | 0.3    | 0.8   | 78.1 | 5.6 | 16.3 | 0.076 | 0.501 | 22.837305             | -103.409666 |
| Valparaiso                   | 90.00           | 1  | 0  | 2634 | 1.6                                                               | 81.6 | 4.7 | 4.2 | 1.3 | 2.7  | 1.7  | 1.2    | 1.0   | 83.2 | 4.7 | 12.1 | 0.071 | 0.503 | 22.798474             | -103.540966 |

9 C A R R : Guadalajara - Zacatecas

CLAVE: 00150

RUTA: MEX-054

AÑO : 2011

| L U G A R                        | E S T A C I O N |    |    |      | C L A S I F I C A C I O N V E H I C U L A R E N P O R C I E N T O |      |     |      |      |      |      |        |       |      |     |      |       |       | C O O R D E N A D A S |             |
|----------------------------------|-----------------|----|----|------|-------------------------------------------------------------------|------|-----|------|------|------|------|--------|-------|------|-----|------|-------|-------|-----------------------|-------------|
|                                  | KM              | TE | SC | TDPA | M                                                                 | A    | B   | C2   | C3   | T3S2 | T3S3 | T3S2R4 | OTROS | A    | B   | C    | K'    | D     | LATITUD               | LONGITUD    |
| Guadalajara                      | 0.00            |    |    |      |                                                                   |      |     |      |      |      |      |        |       |      |     |      |       |       |                       |             |
| X. Periférico de Guadalajara     | 6.19            | 3  | 1  | 8802 | 2.1                                                               | 79.9 | 4.4 | 7.2  | 2.2  | 1.5  | 1.0  | 0.7    | 1.0   | 82.0 | 4.4 | 13.6 | 0.081 | 0.505 | 20.755769             | -103.343144 |
| X. Periférico de Guadalajara     | 6.19            | 3  | 2  | 8978 | 2.1                                                               | 79.9 | 4.4 | 7.2  | 2.2  | 1.5  | 1.0  | 0.7    | 1.0   | 82.0 | 4.4 | 13.6 | 0.081 | 0.505 | 20.755769             | -103.343144 |
| T. Der. Ixtlahuacán del Río      | 49.46           | 3  | 0  | 4228 | 1.1                                                               | 77.5 | 6.3 | 5.7  | 3.8  | 2.4  | 1.2  | 0.9    | 1.1   | 78.6 | 6.3 | 15.1 | 0.069 | 0.503 | 20.871145             | -103.236751 |
| Lim. Edos. Term. Jal. Ppia. Zac. | 76.49           |    |    |      |                                                                   |      |     |      |      |      |      |        |       |      |     |      |       |       |                       |             |
| T. Izq. Moyahua                  | 106.43          | 1  | 0  | 3403 | 0.3                                                               | 76.2 | 2.9 | 6.3  | 5.5  | 5.3  | 2.3  | 0.5    | 0.7   | 76.5 | 2.9 | 20.6 | 0.107 | 0.503 | 21.266737             | -103.162679 |
| Apozol                           | 129.28          | 1  | 0  | 4409 | 0.5                                                               | 76.2 | 2.9 | 6.1  | 5.4  | 5.3  | 2.9  | 0.4    | 0.3   | 76.7 | 2.9 | 20.4 | 0.094 | 0.510 | 21.458603             | -103.091854 |
| Jalpa                            | 159.39          | 1  | 0  | 1246 | 10.5                                                              | 67.3 | 0.8 | 10.4 | 7.4  | 3.1  | 0.0  | 0.1    | 0.4   | 77.8 | 0.8 | 21.4 | 0.112 | 0.505 | 21.618966             | -102.990083 |
| Tabasco                          | 189.40          | 1  | 0  | 1323 | 1.6                                                               | 71.3 | 0.8 | 13.1 | 11.0 | 1.3  | 0.5  | 0.0    | 0.4   | 72.9 | 0.8 | 26.3 | 0.129 | 0.522 | 21.836374             | -102.936311 |
| Tabasco                          | 189.40          | 3  | 0  | 3263 | 1.8                                                               | 76.9 | 0.8 | 13.8 | 4.8  | 1.2  | 0.3  | 0.0    | 0.4   | 78.7 | 0.8 | 20.5 | 0.093 | 0.505 | 21.883509             | -102.908520 |
| Villanueva                       | 255.70          | 3  | 0  | 3892 | 0.9                                                               | 79.5 | 1.7 | 10.4 | 2.7  | 3.3  | 1.0  | 0.1    | 0.4   | 80.4 | 1.7 | 17.9 | 0.088 | 0.508 | 22.375183             | -102.881978 |
| T. Izq. Jerez de García Salinas  | 289.13          | 1  | 0  | 3783 | 0.3                                                               | 77.9 | 2.4 | 9.1  | 4.9  | 3.9  | 1.0  | 0.1    | 0.4   | 78.2 | 2.4 | 19.4 | 0.082 | 0.503 | 22.613533             | -102.757631 |
| T. Izq. Jerez de García Salinas  | 289.13          | 3  | 1  | 3714 | 0.3                                                               | 81.5 | 1.8 | 7.6  | 3.9  | 2.4  | 1.8  | 0.4    | 0.3   | 81.8 | 1.8 | 16.4 | 0.095 | 0.500 | 22.621162             | -102.753497 |
| T. Izq. Jerez de García Salinas  | 289.13          | 3  | 2  | 3718 | 0.8                                                               | 78.6 | 2.1 | 8.5  | 4.5  | 2.7  | 2.1  | 0.4    | 0.3   | 79.4 | 2.1 | 18.5 | 0.090 | 0.500 | 22.621162             | -102.753497 |
| T. C. Zacatecas - Durango        | 311.83          | 1  | 1  | 7214 | 0.7                                                               | 66.9 | 2.5 | 12.2 | 9.0  | 4.8  | 2.3  | 0.5    | 1.1   | 67.6 | 2.5 | 29.9 | 0.094 | 0.504 | 22.771843             | -102.630728 |
| T. C. Zacatecas - Durango        | 311.83          | 1  | 2  | 7090 | 0.7                                                               | 63.8 | 2.7 | 13.0 | 10.2 | 5.4  | 2.5  | 0.5    | 1.2   | 64.5 | 2.7 | 32.8 | 0.093 | 0.504 | 22.771843             | -102.630728 |

10 C A R R : Jerez - Fresnillo

CLAVE: 32542

RUTA: MEX-023

AÑO : 2011

| L U G A R                         | E S T A C I O N |    |    |      | C L A S I F I C A C I O N V E H I C U L A R E N P O R C I E N T O |      |     |     |     |      |      |        |       |      |     |      |       |       | C O O R D E N A D A S |             |
|-----------------------------------|-----------------|----|----|------|-------------------------------------------------------------------|------|-----|-----|-----|------|------|--------|-------|------|-----|------|-------|-------|-----------------------|-------------|
|                                   | KM              | TE | SC | TDPA | M                                                                 | A    | B   | C2  | C3  | T3S2 | T3S3 | T3S2R4 | OTROS | A    | B   | C    | K'    | D     | LATITUD               | LONGITUD    |
| Jerez                             | 0.00            | 3  | 0  | 2645 | 1.0                                                               | 86.8 | 3.5 | 3.4 | 1.1 | 1.8  | 1.8  | 0.2    | 0.4   | 87.8 | 3.5 | 8.7  | 0.102 | 0.515 | 22.680219             | -103.015910 |
| T. C. Ent. Fresnillo - Valparaiso | 60.00           | 1  | 0  | 3057 | 3.1                                                               | 79.4 | 3.7 | 4.5 | 3.3 | 3.0  | 1.4  | 0.5    | 1.1   | 82.5 | 3.7 | 13.8 | 0.081 | 0.504 | 23.162045             | -102.884572 |



## ZACATECAS

11 C A R R : Libramiento de Guadalupe - Zacatecas

CLAVE: 32582

RUTA: MEX-045

AÑO : 2011

| L U G A R                               | E S T A C I O N |    |    |      | C L A S I F I C A C I O N V E H I C U L A R E N P O R C I E N T O |      |     |      |     |      |      |        |       |      |     |      |       |       |           | C O O R D E N A D A S |  |
|-----------------------------------------|-----------------|----|----|------|-------------------------------------------------------------------|------|-----|------|-----|------|------|--------|-------|------|-----|------|-------|-------|-----------|-----------------------|--|
|                                         | KM              | TE | SC | TDPA | M                                                                 | A    | B   | C2   | C3  | T3S2 | T3S3 | T3S2R4 | OTROS | A    | B   | C    | K'    | D     | LATITUD   | LONGITUD              |  |
| T. C. Aguascalientes - Zacatecas (Alta) | 0.00            | 3  | 1  | 7190 | 0.6                                                               | 75.6 | 4.0 | 4.5  | 3.1 | 6.3  | 2.2  | 3.4    | 0.3   | 76.2 | 4.0 | 19.8 | 0.082 | 0.537 | 22.740875 | -102.504484           |  |
| T. C. Aguascalientes - Zacatecas (Baja) | 0.00            | 3  | 1  | 4650 | 1.5                                                               | 86.1 | 0.4 | 9.6  | 0.7 | 1.0  | 0.4  | 0.1    | 0.2   | 87.6 | 0.4 | 12.0 | 0.089 | 0.523 | 22.741010 | -102.504543           |  |
| T. C. Aguascalientes - Zacatecas (Baja) | 0.00            | 3  | 2  | 4238 | 1.5                                                               | 84.8 | 0.4 | 10.8 | 0.8 | 1.0  | 0.4  | 0.1    | 0.2   | 86.3 | 0.4 | 13.3 | 0.102 | 0.523 | 22.740708 | -102.503633           |  |
| T. C. Aguascalientes - Zacatecas (Alta) | 0.00            | 3  | 2  | 6203 | 0.8                                                               | 72.8 | 4.6 | 4.7  | 3.6 | 7.0  | 2.5  | 3.7    | 0.3   | 73.6 | 4.6 | 21.8 | 0.123 | 0.537 | 22.740764 | -102.504436           |  |
| X. C. Cieneguillas - Zacatecas          | 13.00           | 3  | 1  | 5750 | 0.5                                                               | 67.8 | 4.6 | 7.2  | 3.3 | 8.5  | 3.5  | 4.4    | 0.2   | 68.3 | 4.6 | 27.1 | 0.091 | 0.509 | 22.757088 | -102.597761           |  |
| X. C. Cieneguillas - Zacatecas          | 13.00           | 3  | 2  | 5970 | 0.5                                                               | 67.8 | 4.6 | 7.2  | 3.3 | 8.5  | 3.5  | 4.4    | 0.2   | 68.3 | 4.6 | 27.1 | 0.091 | 0.509 | 22.757088 | -102.597761           |  |
| T. C. Zacatecas - Durango               | 17.50           | 1  | 1  | 6561 | 0.1                                                               | 73.0 | 4.1 | 7.0  | 3.5 | 5.8  | 4.6  | 1.7    | 0.2   | 73.1 | 4.1 | 22.8 | 0.086 | 0.500 | 22.772862 | -102.617805           |  |
| T. C. Zacatecas - Durango               | 17.50           | 1  | 2  | 6580 | 1.2                                                               | 69.2 | 4.6 | 7.7  | 3.7 | 6.7  | 4.7  | 2.0    | 0.2   | 70.4 | 4.6 | 25.0 | 0.084 | 0.500 | 22.772862 | -102.617805           |  |

12 C A R R : Providencia - Luis Moya

CLAVE: 00112

RUTA: MEX-071

AÑO : 2011

| L U G A R                              | E S T A C I O N |    |    |      | C L A S I F I C A C I O N V E H I C U L A R E N P O R C I E N T O |      |     |     |     |      |      |        |       |      |     |      |       |       | C O O R D E N A D A S |             |
|----------------------------------------|-----------------|----|----|------|-------------------------------------------------------------------|------|-----|-----|-----|------|------|--------|-------|------|-----|------|-------|-------|-----------------------|-------------|
|                                        | KM              | TE | SC | TDPA | M                                                                 | A    | B   | C2  | C3  | T3S2 | T3S3 | T3S2R4 | OTROS | A    | B   | C    | K'    | D     | LATITUD               | LONGITUD    |
| T. C. Aguascalientes - Zacatecas       | 0.00            | 3  | 0  | 4559 | 1.4                                                               | 76.6 | 3.4 | 5.7 | 2.7 | 3.2  | 2.4  | 3.7    | 0.9   | 78.0 | 3.4 | 18.6 | 0.069 | 0.504 | 22.060417             | -102.267139 |
| T. Izq. Pabellón de Arteaga            | 12.10           | 1  | 0  | 4010 | 1.6                                                               | 79.1 | 3.4 | 6.5 | 1.9 | 2.7  | 2.3  | 2.2    | 0.3   | 80.7 | 3.4 | 15.9 | 0.088 | 0.516 | 22.145475             | -102.250825 |
| T. Der. Villa Juárez                   | 14.90           | 3  | 0  | 4541 | 1.0                                                               | 80.5 | 4.3 | 5.3 | 2.1 | 3.4  | 2.0  | 0.8    | 0.6   | 81.5 | 4.3 | 14.2 | 0.079 | 0.507 | 22.185194             | -102.244792 |
| X. C. Rincón de Romos - Ciénega Grande | 21.22           | 3  | 0  | 4677 | 2.0                                                               | 85.1 | 3.4 | 2.8 | 1.4 | 2.7  | 1.2  | 0.7    | 0.7   | 87.1 | 3.4 | 9.5  | 0.081 | 0.509 | 22.230859             | -102.241358 |
| X. C. La Punta - Mesillas              | 30.35           | 3  | 0  | 3049 | 1.3                                                               | 83.3 | 4.3 | 4.3 | 1.8 | 2.5  | 1.3  | 0.9    | 0.3   | 84.6 | 4.3 | 11.1 | 0.081 | 0.518 | 22.318004             | -102.233658 |
| San Jacinto                            | 34.25           | 3  | 0  | 2539 | 2.8                                                               | 80.6 | 3.9 | 3.3 | 2.4 | 2.2  | 2.3  | 2.0    | 0.5   | 83.4 | 3.9 | 12.7 | 0.090 | 0.512 | 22.355346             | -102.232948 |
| Lim. Edos. Term. Ags. Ppia. Zac.       | 37.50           |    |    |      |                                                                   |      |     |     |     |      |      |        |       |      |     |      |       |       |                       |             |
| Luis Moya                              | 43.50           | 1  | 0  | 3810 | 2.1                                                               | 82.4 | 3.9 | 2.5 | 2.0 | 3.1  | 1.8  | 1.6    | 0.6   | 84.5 | 3.9 | 11.6 | 0.082 | 0.503 | 22.421513             | -102.246395 |

13 C A R R : Ramal a Aeropuerto Zacatecas

CLAVE: 32546

RUTA: MEX-045

AÑO : 2011

| L U G A R                 | E S T A C I O N |    |    |      | C L A S I F I C A C I O N V E H I C U L A R E N P O R C I E N T O |      |     |     |     |      |      |        |       |      |     |     |       |       | C O O R D E N A D A S |             |
|---------------------------|-----------------|----|----|------|-------------------------------------------------------------------|------|-----|-----|-----|------|------|--------|-------|------|-----|-----|-------|-------|-----------------------|-------------|
|                           | KM              | TE | SC | TDPA | M                                                                 | A    | B   | C2  | C3  | T3S2 | T3S3 | T3S2R4 | OTROS | A    | B   | C   | K'    | D     | LATITUD               | LONGITUD    |
| T. C. Zacatecas - Durango | 0.00            | 3  | 1  | 841  | 0.4                                                               | 96.3 | 1.5 | 0.8 | 0.6 | 0.1  | 0.1  | 0.2    | 0.0   | 96.7 | 1.5 | 1.8 | 0.084 | 0.501 | 22.911458             | -102.673189 |
| T. C. Zacatecas - Durango | 0.00            | 3  | 2  | 844  | 0.4                                                               | 96.0 | 1.7 | 0.9 | 0.6 | 0.1  | 0.1  | 0.2    | 0.0   | 96.4 | 1.7 | 1.9 | 0.082 | 0.501 | 22.911458             | -102.673189 |
| Aeropuerto                | 1.95            |    |    |      |                                                                   |      |     |     |     |      |      |        |       |      |     |     |       |       |                       |             |

14 C A R R : Ramal a Concepción del Oro

CLAVE: 32565

RUTA: MEX-054

AÑO : 2011

| L U G A R                     | E S T A C I O N |    |    |      | C L A S I F I C A C I O N V E H I C U L A R E N P O R C I E N T O |      |     |     |     |      |      |        |       |      |     |      |       |       | C O O R D E N A D A S |             |
|-------------------------------|-----------------|----|----|------|-------------------------------------------------------------------|------|-----|-----|-----|------|------|--------|-------|------|-----|------|-------|-------|-----------------------|-------------|
|                               | KM              | TE | SC | TDPA | M                                                                 | A    | B   | C2  | C3  | T3S2 | T3S3 | T3S2R4 | OTROS | A    | B   | C    | K'    | D     | LATITUD               | LONGITUD    |
| T. C. Ent. Morelos - Saltillo | 0.00            | 3  | 0  | 4704 | 0.6                                                               | 82.5 | 5.6 | 6.7 | 2.3 | 1.6  | 0.3  | 0.1    | 0.3   | 83.1 | 5.6 | 11.3 | 0.076 | 0.520 | 24.621899             | -101.391717 |

# ZACATECAS

14 C A R R : Ramal a Concepción del Oro

CLAVE: 32565

RUTA: MEX-054

AÑO : 2011

| L U G A R          | E S T A C I O N | C L A S I F I C A C I O N V E H I C U L A R E N P O R C I E N T O |    |    |      |   |   |   |    |    |      |      |        |       |   | C O O R D E N A D A S |   |    |   |         |          |
|--------------------|-----------------|-------------------------------------------------------------------|----|----|------|---|---|---|----|----|------|------|--------|-------|---|-----------------------|---|----|---|---------|----------|
|                    |                 | KM                                                                | TE | SC | TDPA | M | A | B | C2 | C3 | T3S2 | T3S3 | T3S2R4 | OTROS | A | B                     | C | K' | D | LATITUD | LONGITUD |
| Concepción del Oro | 3.20            |                                                                   |    |    |      |   |   |   |    |    |      |      |        |       |   |                       |   |    |   |         |          |

15 C A R R : Ramal a Francisco Murguía (Nieves)

CLAVE: 32541

RUTA: MEX-049

AÑO : 2011

| L U G A R                            | E S T A C I O N | C L A S I F I C A C I O N V E H I C U L A R E N P O R C I E N T O |    |      |      |      |     |     |     |     |      |      |        |       |     |      |       | C O O R D E N A D A S |           |             |    |   |         |          |
|--------------------------------------|-----------------|-------------------------------------------------------------------|----|------|------|------|-----|-----|-----|-----|------|------|--------|-------|-----|------|-------|-----------------------|-----------|-------------|----|---|---------|----------|
|                                      |                 | KM                                                                | TE | SC   | TDPA |      |     |     |     |     |      |      |        |       |     |      |       | A                     | B         | C           | K' | D | LATITUD | LONGITUD |
|                                      |                 |                                                                   |    |      |      | M    | A   | B   | C2  | C3  | T3S2 | T3S3 | T3S2R4 | OTROS |     |      |       |                       |           |             |    |   |         |          |
| T. C. Ent. La Chicharrona - Cuencamé | 0.00            | 3                                                                 | 0  | 1679 | 0.6  | 81.3 | 6.9 | 5.7 | 2.6 | 1.0 | 0.4  | 1.1  | 0.4    | 81.9  | 6.9 | 11.2 | 0.085 | 0.511                 | 23.925265 | -103.155455 |    |   |         |          |
| Francisco Murguía (Nieves)           | 17.40           |                                                                   |    |      |      |      |     |     |     |     |      |      |        |       |     |      |       |                       |           |             |    |   |         |          |

16 C A R R : Ramal a Gral. Pánfilo Natera

CLAVE: 32559

RUTA: MEX-049

AÑO : 2011

| L U G A R                            | E S T A C I O N | C L A S I F I C A C I O N V E H I C U L A R E N P O R C I E N T O |    |      |      |      |     |     |     |     |      |      |        |       |     | C O O R D E N A D A S |       |       |           |             |          |
|--------------------------------------|-----------------|-------------------------------------------------------------------|----|------|------|------|-----|-----|-----|-----|------|------|--------|-------|-----|-----------------------|-------|-------|-----------|-------------|----------|
|                                      |                 | KM                                                                | TE | SC   | TDPA |      |     |     |     |     |      |      |        |       | A   | B                     | C     | K'    | D         | LATITUD     | LONGITUD |
|                                      |                 |                                                                   |    |      |      | M    | A   | B   | C2  | C3  | T3S2 | T3S3 | T3S2R4 | OTROS |     |                       |       |       |           |             |          |
| T. C. San Luis Potosí - Ent. Arcinas | 0.00            | 3                                                                 | 1  | 1945 | 2.7  | 85.4 | 5.0 | 2.0 | 1.2 | 2.1 | 0.9  | 0.3  | 0.4    | 88.1  | 5.0 | 6.9                   | 0.088 | 0.503 | 22.675313 | -102.107379 |          |
| T. C. San Luis Potosí - Ent. Arcinas | 0.00            | 3                                                                 | 2  | 1967 | 2.4  | 84.9 | 5.3 | 2.1 | 1.4 | 2.3 | 0.9  | 0.3  | 0.4    | 87.3  | 5.3 | 7.4                   | 0.085 | 0.503 | 22.675291 | -102.107339 |          |
| Gral. Pánfilo Natera                 | 1.50            |                                                                   |    |      |      |      |     |     |     |     |      |      |        |       |     |                       |       |       |           |             |          |

17 C A R R : Ramal a Villa de Cos

CLAVE: 32564

RUTA: MEX-054

AÑO : 2011

| L U G A R                     | E S T A C I O N |    |    |      | C L A S I F I C A C I O N V E H I C U L A R E N P O R C I E N T O |      |     |     |     |      |      |        |       |      |     |      |       | C O O R D E N A D A S |           |             |
|-------------------------------|-----------------|----|----|------|-------------------------------------------------------------------|------|-----|-----|-----|------|------|--------|-------|------|-----|------|-------|-----------------------|-----------|-------------|
|                               | KM              | TE | SC | TDPA | M                                                                 | A    | B   | C2  | C3  | T3S2 | T3S3 | T3S2R4 | OTROS | A    | B   | C    | K'    | D                     | LATITUD   | LONGITUD    |
| T. C. Ent. Morelos - Saltillo | 0.00            | 3  | 1  | 1797 | 1.4                                                               | 82.6 | 3.6 | 4.6 | 1.2 | 1.5  | 1.9  | 2.2    | 1.0   | 84.0 | 3.6 | 12.4 | 0.100 | 0.501                 | 23.272932 | -102.332315 |
| T. C. Ent. Morelos - Saltillo | 0.00            | 3  | 2  | 1789 | 1.4                                                               | 81.0 | 4.0 | 4.7 | 1.4 | 1.6  | 2.1  | 2.6    | 1.2   | 82.4 | 4.0 | 13.6 | 0.102 | 0.501                 | 23.272932 | -102.332315 |
| Villa de Cos                  | 3.30            | 1  | 1  | 2684 | 2.0                                                               | 83.8 | 3.0 | 6.5 | 1.1 | 1.0  | 1.0  | 0.5    | 1.1   | 85.8 | 3.0 | 11.2 | 0.089 | 0.504                 | 23.285014 | -102.340598 |
| Villa de Cos                  | 3.30            | 1  | 2  | 2643 | 2.0                                                               | 82.7 | 3.3 | 7.2 | 1.2 | 1.1  | 1.0  | 0.5    | 1.0   | 84.7 | 3.3 | 12.0 | 0.089 | 0.504                 | 23.285014 | -102.340598 |

18 C A R R : San Luis Potosí - Ent. Arcinas

CLAVE: 00134

RUTA: MEX-049

AÑO : 2011

| L U G A R                             | E S T A C I O N | C L A S I F I C A C I O N V E H I C U L A R E N P O R C I E N T O |    |      |      |      |     |      |     |     |      |      |        |       |     |      |       | C O O R D E N A D A S |           |             |          |
|---------------------------------------|-----------------|-------------------------------------------------------------------|----|------|------|------|-----|------|-----|-----|------|------|--------|-------|-----|------|-------|-----------------------|-----------|-------------|----------|
|                                       |                 | KM                                                                | TE | SC   | TDPA | M    | A   | B    | C2  | C3  | T3S2 | T3S3 | T3S2R4 | OTROS | A   | B    | C     | K'                    | D         | LATITUD     | LONGITUD |
| T. C. San Luis Potosí - Matehuala     | 0.00            |                                                                   |    |      |      |      |     |      |     |     |      |      |        |       |     |      |       |                       |           |             |          |
| T. Izq. Periférico de San Luis Potosí | 9.35            | 3                                                                 | 1  | 7235 | 3.3  | 66.5 | 3.4 | 9.2  | 2.8 | 7.7 | 2.9  | 3.6  | 0.6    | 69.8  | 3.4 | 26.8 | 0.078 | 0.540                 | 22.201222 | -101.023556 |          |
| T. Izq. Periférico de San Luis Potosí | 9.35            | 3                                                                 | 2  | 8501 | 2.5  | 63.2 | 4.0 | 10.8 | 3.4 | 8.0 | 3.5  | 3.9  | 0.7    | 65.7  | 4.0 | 30.3 | 0.078 | 0.540                 | 22.201226 | -101.023556 |          |
| Mexquitic                             | 22.50           | 1                                                                 | 1  | 5188 | 1.7  | 64.7 | 3.5 | 11.8 | 3.0 | 7.6 | 3.0  | 3.8  | 0.9    | 66.4  | 3.5 | 30.1 | 0.089 | 0.507                 | 22.247112 | -101.101202 |          |
| Mexquitic                             | 22.50           | 1                                                                 | 2  | 5354 | 2.1  | 61.1 | 4.2 | 12.2 | 3.4 | 8.4 | 3.6  | 4.1  | 0.9    | 63.2  | 4.2 | 32.6 | 0.074 | 0.507                 | 22.247111 | -101.101202 |          |



# ZACATECAS

20 C A R R : Zacatecas - Durango

CLAVE: 00544

ruta: MEX-045

AÑO : 2011

| L U G A R                        | E S T A C I O N |    |    |       | C L A S I F I C A C I O N V E H I C U L A R E N P O R C I E N T O |      |     |     |     |      |      |        |       |      |     |      |       |       | C O O R D E N A D A S |             |
|----------------------------------|-----------------|----|----|-------|-------------------------------------------------------------------|------|-----|-----|-----|------|------|--------|-------|------|-----|------|-------|-------|-----------------------|-------------|
|                                  | KM              | TE | SC | TDPA  | M                                                                 | A    | B   | C2  | C3  | T3S2 | T3S3 | T3S2R4 | OTROS | A    | B   | C    | K'    | D     | LATITUD               | LONGITUD    |
| Zacatecas                        | 0.00            |    |    |       |                                                                   |      |     |     |     |      |      |        |       |      |     |      |       |       |                       |             |
| T. Izq. Guadalajara              | 6.40            | 3  | 1  | 11273 | 0.6                                                               | 79.8 | 3.7 | 3.0 | 2.2 | 4.5  | 2.0  | 3.3    | 0.9   | 80.4 | 3.7 | 15.9 | 0.071 | 0.507 | 22.783787             | -102.626878 |
| T. Izq. Guadalajara              | 6.40            | 3  | 2  | 10969 | 0.5                                                               | 77.1 | 4.3 | 3.6 | 2.4 | 5.1  | 2.3  | 3.7    | 1.0   | 77.6 | 4.3 | 18.1 | 0.072 | 0.507 | 22.783787             | -102.626878 |
| T. Der. Saltillo (T. Morelos)    | 15.00           | 3  | 1  | 10035 | 0.8                                                               | 72.0 | 5.2 | 4.4 | 5.0 | 5.8  | 2.8  | 3.0    | 1.0   | 72.8 | 5.2 | 22.0 | 0.080 | 0.505 | 22.866027             | -102.628588 |
| T. Der. Saltillo (T. Morelos)    | 15.00           | 3  | 2  | 9845  | 0.6                                                               | 69.4 | 5.6 | 4.7 | 5.4 | 6.6  | 3.3  | 3.3    | 1.1   | 70.0 | 5.6 | 24.4 | 0.085 | 0.505 | 22.864524             | -102.649499 |
| Víctor Rosales                   | 28.00           | 1  | 1  | 9541  | 1.5                                                               | 69.7 | 3.3 | 4.3 | 3.3 | 6.3  | 4.1  | 6.7    | 0.8   | 71.2 | 3.3 | 25.5 | 0.074 | 0.501 | 22.931563             | -102.686697 |
| Víctor Rosales                   | 28.00           | 1  | 2  | 9586  | 0.7                                                               | 67.9 | 3.7 | 4.6 | 3.7 | 7.4  | 4.2  | 6.9    | 0.9   | 68.6 | 3.7 | 27.7 | 0.079 | 0.501 | 22.931563             | -102.686697 |
| Gral. Enrique Estrada            | 34.60           | 3  | 1  | 8256  | 1.8                                                               | 68.7 | 5.6 | 4.4 | 3.6 | 7.2  | 4.4  | 3.5    | 0.8   | 70.5 | 5.6 | 23.9 | 0.064 | 0.501 | 23.012482             | -102.751831 |
| Gral. Enrique Estrada            | 34.60           | 3  | 2  | 8301  | 1.0                                                               | 66.7 | 5.8 | 4.8 | 3.7 | 8.5  | 4.7  | 3.9    | 0.9   | 67.7 | 5.8 | 26.5 | 0.081 | 0.501 | 23.012482             | -102.751831 |
| Fresnillo                        | 58.50           | 1  | 1  | 7223  | 1.2                                                               | 76.2 | 5.5 | 2.8 | 3.2 | 6.0  | 2.5  | 1.9    | 0.7   | 77.4 | 5.5 | 17.1 | 0.067 | 0.502 | 23.149455             | -102.846230 |
| Fresnillo                        | 58.50           | 1  | 2  | 7154  | 0.8                                                               | 73.8 | 6.6 | 3.2 | 3.4 | 6.9  | 2.6  | 2.0    | 0.7   | 74.6 | 6.6 | 18.8 | 0.077 | 0.502 | 23.149455             | -102.846230 |
| Ent. La Chicharrona              | 74.30           | 1  | 1  | 6918  | 0.2                                                               | 69.6 | 3.7 | 2.9 | 5.2 | 9.0  | 3.7  | 4.8    | 0.9   | 69.8 | 3.7 | 26.5 | 0.073 | 0.503 | 23.287684             | -102.950878 |
| Ent. La Chicharrona              | 74.30           | 1  | 2  | 6825  | 0.5                                                               | 66.4 | 4.2 | 3.1 | 5.6 | 10.1 | 4.0  | 5.1    | 1.0   | 66.9 | 4.2 | 28.9 | 0.070 | 0.503 | 23.287520             | -102.951248 |
| Ent. La Chicharrona              | 74.30           | 3  | 0  | 5381  | 1.2                                                               | 68.6 | 4.1 | 3.5 | 4.7 | 9.1  | 3.6  | 4.3    | 0.9   | 69.8 | 4.1 | 26.1 | 0.073 | 0.513 | 23.307532             | -102.964498 |
| T. Der. Saín Alto                | 121.00          | 3  | 0  | 3149  | 1.4                                                               | 70.1 | 3.6 | 3.6 | 4.2 | 8.1  | 3.6  | 4.5    | 0.9   | 71.5 | 3.6 | 24.9 | 0.080 | 0.521 | 23.582344             | -103.274806 |
| T. Izq. Sombrerete (2º Acceso)   | 161.50          | 3  | 0  | 4377  | 0.5                                                               | 73.7 | 7.2 | 6.9 | 3.3 | 4.5  | 2.5  | 0.8    | 0.6   | 74.2 | 7.2 | 18.6 | 0.071 | 0.506 | 23.647133             | -103.651549 |
| Lim. Edos. Term. Zac. Ppia. Dgo. | 190.08          |    |    |       |                                                                   |      |     |     |     |      |      |        |       |      |     |      |       |       |                       |             |
| X. C. Súchil - Villa Unión       | 206.98          | 1  | 0  | 2474  | 0.7                                                               | 70.4 | 6.9 | 8.7 | 3.2 | 4.4  | 3.7  | 1.5    | 0.5   | 71.1 | 6.9 | 22.0 | 0.079 | 0.504 | 23.750647             | -103.961495 |
| X. C. Súchil - Villa Unión       | 206.98          | 3  | 0  | 4007  | 0.8                                                               | 74.3 | 6.8 | 7.2 | 1.8 | 5.1  | 2.5  | 1.0    | 0.5   | 75.1 | 6.8 | 18.1 | 0.082 | 0.517 | 23.744237             | -104.000258 |
| T. Izq. Graceros                 | 210.00          | 1  | 0  | 3789  | 0.6                                                               | 75.1 | 5.9 | 7.4 | 2.3 | 4.9  | 2.5  | 0.9    | 0.4   | 75.7 | 5.9 | 18.4 | 0.076 | 0.503 | 23.747979             | -104.038148 |
| Amado Nervo                      | 231.51          | 1  | 0  | 3521  | 0.7                                                               | 76.6 | 6.4 | 7.4 | 2.4 | 3.5  | 1.8  | 0.7    | 0.5   | 77.3 | 6.4 | 16.3 | 0.063 | 0.506 | 23.841888             | -104.186830 |
| Amado Nervo                      | 231.51          | 3  | 0  | 4453  | 0.8                                                               | 76.3 | 6.4 | 7.2 | 2.2 | 3.7  | 1.8  | 0.7    | 0.9   | 77.1 | 6.4 | 16.5 | 0.091 | 0.504 | 23.844308             | -104.194841 |
| Nombre de Dios                   | 236.80          | 1  | 0  | 4496  | 0.9                                                               | 75.3 | 5.5 | 8.0 | 2.0 | 5.1  | 1.8  | 0.7    | 0.7   | 76.2 | 5.5 | 18.3 | 0.090 | 0.501 | 23.843414             | -104.231715 |
| Nombre de Dios                   | 236.80          | 3  | 0  | 5048  | 0.6                                                               | 77.0 | 5.1 | 6.9 | 2.2 | 5.0  | 2.0  | 0.6    | 0.6   | 77.6 | 5.1 | 17.3 | 0.080 | 0.502 | 23.851676             | -104.249131 |
| T. Der. Constanacia              | 240.60          | 3  | 0  | 4136  | 0.2                                                               | 72.2 | 6.4 | 7.1 | 4.5 | 5.7  | 2.6  | 0.9    | 0.4   | 72.4 | 6.4 | 21.2 | 0.084 | 0.503 | 23.872138             | -104.269111 |
| T. Der. Tuitán                   | 250.80          | 3  | 0  | 4156  | 0.4                                                               | 75.7 | 5.3 | 6.0 | 3.7 | 5.3  | 2.4  | 0.6    | 0.6   | 76.1 | 5.3 | 18.6 | 0.083 | 0.501 | 23.922502             | -104.337344 |
| T. Der. Independencia y Libertad | 261.70          | 1  | 0  | 4860  | 0.4                                                               | 73.3 | 6.9 | 7.4 | 4.7 | 4.2  | 2.5  | 0.2    | 0.4   | 73.7 | 6.9 | 19.4 | 0.085 | 0.503 | 23.994123             | -104.374546 |
| T. Der. Independencia y Libertad | 261.70          | 3  | 1  | 2390  | 0.4                                                               | 75.4 | 6.4 | 6.9 | 4.4 | 3.8  | 2.1  | 0.2    | 0.4   | 75.8 | 6.4 | 17.8 | 0.088 | 0.506 | 24.001429             | -104.380496 |
| T. Der. Independencia y Libertad | 261.70          | 3  | 2  | 2449  | 0.4                                                               | 72.5 | 7.0 | 8.0 | 4.9 | 4.4  | 2.2  | 0.2    | 0.4   | 72.9 | 7.0 | 20.1 | 0.100 | 0.506 | 24.001430             | -104.380497 |
| T. Izq. Parras de La Fuente      | 276.60          | 3  | 1  | 3089  | 0.7                                                               | 83.2 | 5.1 | 6.1 | 2.1 | 1.9  | 0.6  | 0.1    | 0.2   | 83.9 | 5.1 | 11.0 | 0.108 | 0.500 | 24.023373             | -104.547215 |
| T. Izq. Parras de La Fuente      | 276.60          | 3  | 2  | 3094  | 0.6                                                               | 81.5 | 5.6 | 7.0 | 2.3 | 2.3  | 0.5  | 0.1    | 0.1   | 82.1 | 5.6 | 12.3 | 0.101 | 0.500 | 24.023373             | -104.547216 |
| T. Der. Periférico Durango       | 278.80          | 1  | 1  | 3160  | 0.3                                                               | 82.0 | 5.1 | 6.4 | 2.3 | 2.5  | 1.0  | 0.2    | 0.2   | 82.3 | 5.1 | 12.6 | 0.084 | 0.500 | 24.019064             | -104.506557 |
| T. Der. Periférico Durango       | 278.80          | 1  | 2  | 3162  | 0.4                                                               | 80.7 | 5.2 | 7.0 | 2.5 | 2.6  | 1.1  | 0.2    | 0.3   | 81.1 | 5.2 | 13.7 | 0.099 | 0.500 | 24.019082             | -104.506568 |
| Durango                          | 287.30          | 1  | 1  | 7220  | 0.2                                                               | 82.6 | 5.2 | 6.3 | 1.6 | 2.3  | 1.2  | 0.1    | 0.5   | 82.8 | 5.2 | 12.0 | 0.101 | 0.531 | 24.029373             | -104.604268 |
| Durango                          | 287.30          | 1  | 2  | 6372  | 0.1                                                               | 80.2 | 6.1 | 7.4 | 1.8 | 2.4  | 1.4  | 0.1    | 0.5   | 80.3 | 6.1 | 13.6 | 0.091 | 0.531 | 24.029374             | -104.604229 |



# ZACATECAS

25 C A R R : Cieneguillas - Zacatecas

CLAVE: 32579

RUTA: ZAC

AÑO : 2011

| L U G A R                                  | E S T A C I O N |    |    |      | C L A S I F I C A C I O N V E H I C U L A R E N P O R C I E N T O |      |     |     |     |      |      |        |       |      |     |     |       | C O O R D E N A D A S |           |             |
|--------------------------------------------|-----------------|----|----|------|-------------------------------------------------------------------|------|-----|-----|-----|------|------|--------|-------|------|-----|-----|-------|-----------------------|-----------|-------------|
|                                            | KM              | TE | SC | TDPA | M                                                                 | A    | B   | C2  | C3  | T3S2 | T3S3 | T3S2R4 | OTROS | A    | B   | C   | K'    | D                     | LATITUD   | LONGITUD    |
| T. C. Guadalajara - Zacatecas              | 0.00            | 3  | 0  | 2445 | 0.8                                                               | 86.7 | 3.1 | 4.7 | 2.0 | 1.7  | 0.5  | 0.2    | 0.3   | 87.5 | 3.1 | 9.4 | 0.088 | 0.541                 | 22.760151 | -102.653937 |
| X. C. Libramiento de Guadalupe - Zacatecas | 7.70            | 3  | 1  | 9731 | 0.2                                                               | 89.7 | 4.2 | 3.6 | 0.1 | 0.5  | 1.5  | 0.0    | 0.2   | 89.9 | 4.2 | 5.9 | 0.083 | 0.506                 | 22.756837 | -102.590043 |
| X. C. Libramiento de Guadalupe - Zacatecas | 7.70            | 3  | 2  | 9486 | 0.1                                                               | 88.4 | 4.7 | 4.3 | 0.1 | 0.5  | 1.7  | 0.0    | 0.2   | 88.5 | 4.7 | 6.8 | 0.081 | 0.506                 | 22.756837 | -102.590043 |
| Zacatecas                                  | 9.33            |    |    |      |                                                                   |      |     |     |     |      |      |        |       |      |     |     |       |                       |           |             |

26 C A R R : Corral de Piedras - Tlaltenango

CLAVE: 32579

RUTA: ZAC

AÑO : 2011

| L U G A R                     | E S T A C I O N |    |    |      | C L A S I F I C A C I O N V E H I C U L A R E N P O R C I E N T O |      |     |     |     |      |      |        |       |      |     |      |       | C O O R D E N A D A S |           |             |
|-------------------------------|-----------------|----|----|------|-------------------------------------------------------------------|------|-----|-----|-----|------|------|--------|-------|------|-----|------|-------|-----------------------|-----------|-------------|
|                               | KM              | TE | SC | TDPA | M                                                                 | A    | B   | C2  | C3  | T3S2 | T3S3 | T3S2R4 | OTROS | A    | B   | C    | K'    | D                     | LATITUD   | LONGITUD    |
| T. C. Guadalajara - Zacatecas | 0.00            | 3  | 0  | 526  | 1.1                                                               | 83.1 | 3.5 | 5.7 | 0.5 | 2.8  | 1.9  | 0.8    | 0.6   | 84.2 | 3.5 | 12.3 | 0.084 | 0.506                 | 21.626800 | -103.059002 |
| Tlaltenango                   | 57.10           | 1  | 0  | 1159 | 7.1                                                               | 81.9 | 1.0 | 2.9 | 1.2 | 1.9  | 1.2  | 1.0    | 1.8   | 89.0 | 1.0 | 10.0 | 0.076 | 0.512                 | 21.767332 | -103.280579 |

27 C A R R : Ent. Ojo Caliente - Ent. Ojuelos de Jalisco

CLAVE: 00126

RUTA: ZAC

AÑO : 2011

| L U G A R                               | E S T A C I O N |    |    |      | C L A S I F I C A C I O N V E H I C U L A R E N P O R C I E N T O |      |     |     |     |      |      |        |       |      |     |      |       | C O O R D E N A D A S |           |             |
|-----------------------------------------|-----------------|----|----|------|-------------------------------------------------------------------|------|-----|-----|-----|------|------|--------|-------|------|-----|------|-------|-----------------------|-----------|-------------|
|                                         | KM              | TE | SC | TDPA | M                                                                 | A    | B   | C2  | C3  | T3S2 | T3S3 | T3S2R4 | OTROS | A    | B   | C    | K'    | D                     | LATITUD   | LONGITUD    |
| T. C. Aguascalientes - Zacatecas        | 0.00            | 3  | 0  | 2492 | 1.2                                                               | 83.4 | 3.2 | 5.2 | 1.7 | 2.7  | 1.4  | 1.0    | 0.2   | 84.6 | 3.2 | 12.2 | 0.087 | 0.507                 | 22.601974 | -102.245089 |
| Gral. Pánfilo Natera                    | 16.00           | 3  | 0  | 1781 | 0.9                                                               | 83.0 | 3.4 | 5.6 | 1.3 | 2.7  | 1.6  | 1.0    | 0.5   | 83.9 | 3.4 | 12.7 | 0.085 | 0.501                 | 22.655080 | -102.105104 |
| Lim. Edos. Term. Zac. Ppia. Jal.        | 134.00          |    |    |      |                                                                   |      |     |     |     |      |      |        |       |      |     |      |       |                       |           |             |
| T. C. San Luis Potosí - Lagos de Moreno | 137.00          |    |    |      |                                                                   |      |     |     |     |      |      |        |       |      |     |      |       |                       |           |             |

28 C A R R : Fresnillo - Ent. Bañón

CLAVE: 32070

RUTA: ZAC

AÑO : 2011

| L U G A R                     | E S T A C I O N |    |    |      | C L A S I F I C A C I O N V E H I C U L A R E N P O R C I E N T O |      |     |     |     |      |      |        |       |      |     |      |       |       | C O O R D E N A D A S |             |
|-------------------------------|-----------------|----|----|------|-------------------------------------------------------------------|------|-----|-----|-----|------|------|--------|-------|------|-----|------|-------|-------|-----------------------|-------------|
|                               | KM              | TE | SC | TDPA | M                                                                 | A    | B   | C2  | C3  | T3S2 | T3S3 | T3S2R4 | OTROS | A    | B   | C    | K'    | D     | LATITUD               | LONGITUD    |
| T. C. Zacatecas - Durango     | 0.00            |    |    |      |                                                                   |      |     |     |     |      |      |        |       |      |     |      |       |       |                       |             |
| X. Lib. Fresnillo (Cuota)     | 2.40            | 3  | 1  | 4231 | 2.6                                                               | 81.0 | 3.6 | 3.9 | 2.4 | 2.4  | 2.1  | 1.4    | 0.6   | 83.6 | 3.6 | 12.8 | 0.077 | 0.501 | 23.177526             | -102.823757 |
| X. Lib. Fresnillo (Cuota)     | 2.40            | 3  | 2  | 4244 | 2.3                                                               | 79.1 | 4.2 | 4.7 | 2.6 | 2.9  | 2.1  | 1.5    | 0.6   | 81.4 | 4.2 | 14.4 | 0.073 | 0.501 | 23.177526             | -102.823757 |
| T. Der. Víctor Rosales        | 23.80           | 1  | 0  | 2038 | 3.4                                                               | 76.0 | 4.8 | 4.1 | 3.0 | 3.3  | 2.5  | 1.6    | 1.3   | 79.4 | 4.8 | 15.8 | 0.077 | 0.507 | 23.143861             | -102.655918 |
| T. Der. Víctor Rosales        | 23.80           | 3  | 0  | 1672 | 4.5                                                               | 79.0 | 4.5 | 3.9 | 2.2 | 3.0  | 1.9  | 0.5    | 0.5   | 83.5 | 4.5 | 12.0 | 0.084 | 0.514 | 23.144021             | -102.652104 |
| González Ortega Bañón         | 45.80           | 1  | 0  | 1476 | 0.9                                                               | 75.8 | 6.9 | 7.2 | 2.5 | 3.0  | 2.4  | 0.9    | 0.4   | 76.7 | 6.9 | 16.4 | 0.085 | 0.507 | 23.175583             | -102.484261 |
| T. C. Ent. Morelos - Saltillo | 49.00           | 1  | 0  | 2022 | 3.3                                                               | 77.1 | 4.5 | 4.0 | 3.1 | 2.4  | 1.9  | 3.0    | 0.7   | 80.4 | 4.5 | 15.1 | 0.079 | 0.503 | 23.161728             | -102.434961 |

ZACATECAS

|                                         |                                          |  |  |                 |              |   |      |                                      |                    |     |     |     |            |      |        |       |      |     |      |                       |       |           |             |
|-----------------------------------------|------------------------------------------|--|--|-----------------|--------------|---|------|--------------------------------------|--------------------|-----|-----|-----|------------|------|--------|-------|------|-----|------|-----------------------|-------|-----------|-------------|
| 29                                      | C A R R : Fresnillo - Plateros           |  |  |                 | CLAVE: 32022 |   |      |                                      | RUTA : ZAC-022     |     |     |     | AÑO : 2011 |      |        |       |      |     |      |                       |       |           |             |
| L U G A R                               |                                          |  |  | E S T A C I O N |              |   |      | CLASIFICACION VEHICULAR EN PORCIENTO |                    |     |     |     |            |      |        |       |      |     |      | C O O R D E N A D A S |       |           |             |
| KM                                      |                                          |  |  | TE SC TDPA      |              |   |      | M                                    | A                  | B   | C2  | C3  | T3S2       | T3S3 | T3S2R4 | OTROS | A    | B   | C    | K'                    | D     | LATITUD   | LONGITUD    |
| Fresnillo                               |                                          |  |  | 0.00            | 3            | 1 | 3894 | 2.8                                  | 84.3               | 0.5 | 9.5 | 0.8 | 0.7        | 0.5  | 0.2    | 0.7   | 87.1 | 0.5 | 12.4 | 0.069                 | 0.501 | 23.203250 | -102.855540 |
| Fresnillo                               |                                          |  |  | 0.00            | 3            | 2 | 3914 | 2.4                                  | 84.4               | 0.5 | 9.9 | 0.8 | 0.7        | 0.5  | 0.2    | 0.6   | 86.8 | 0.5 | 12.7 | 0.072                 | 0.501 | 23.203352 | -102.855605 |
| Plateros                                |                                          |  |  | 4.90            |              |   |      |                                      |                    |     |     |     |            |      |        |       |      |     |      |                       |       |           |             |
| 30                                      | C A R R : Ramal a Loreto                 |  |  |                 | CLAVE: 32067 |   |      |                                      | RUTA : ZAC         |     |     |     | AÑO : 2011 |      |        |       |      |     |      |                       |       |           |             |
| L U G A R                               |                                          |  |  | E S T A C I O N |              |   |      | CLASIFICACION VEHICULAR EN PORCIENTO |                    |     |     |     |            |      |        |       |      |     |      | C O O R D E N A D A S |       |           |             |
| KM                                      |                                          |  |  | TE SC TDPA      |              |   |      | M                                    | A                  | B   | C2  | C3  | T3S2       | T3S3 | T3S2R4 | OTROS | A    | B   | C    | K'                    | D     | LATITUD   | LONGITUD    |
| T. C. Providencia - Luis Moya           |                                          |  |  | 0.00            | 3            | 0 | 1689 | 0.8                                  | 81.8               | 3.7 | 4.8 | 2.9 | 2.3        | 1.5  | 1.6    | 0.6   | 82.6 | 3.7 | 13.7 | 0.084                 | 0.501 | 22.390838 | -102.236299 |
| Loreto                                  |                                          |  |  | 32.30           |              |   |      |                                      |                    |     |     |     |            |      |        |       |      |     |      |                       |       |           |             |
| 31                                      | C A R R : Ramal a Nochistlán             |  |  |                 | CLAVE: 32545 |   |      |                                      | RUTA : ZAC         |     |     |     | AÑO : 2011 |      |        |       |      |     |      |                       |       |           |             |
| L U G A R                               |                                          |  |  | E S T A C I O N |              |   |      | CLASIFICACION VEHICULAR EN PORCIENTO |                    |     |     |     |            |      |        |       |      |     |      | C O O R D E N A D A S |       |           |             |
| KM                                      |                                          |  |  | TE SC TDPA      |              |   |      | M                                    | A                  | B   | C2  | C3  | T3S2       | T3S3 | T3S2R4 | OTROS | A    | B   | C    | K'                    | D     | LATITUD   | LONGITUD    |
| T. C. Tepatitlán de Morelos - Jaralillo |                                          |  |  | 0.00            | 3            | 1 | 1809 | 1.2                                  | 86.5               | 1.2 | 6.8 | 1.1 | 0.9        | 0.8  | 0.4    | 1.1   | 87.7 | 1.2 | 11.1 | 0.092                 | 0.504 | 21.354475 | -102.790412 |
| T. C. Tepatitlán de Morelos - Jaralillo |                                          |  |  | 0.00            | 3            | 2 | 1835 | 1.2                                  | 85.4               | 1.2 | 7.6 | 1.1 | 1.1        | 0.8  | 0.4    | 1.2   | 86.6 | 1.2 | 12.2 | 0.098                 | 0.504 | 21.354407 | -102.790517 |
| Nochistlán                              |                                          |  |  | 5.70            | 1            | 1 | 1052 | 0.3                                  | 86.5               | 1.3 | 7.2 | 1.1 | 1.1        | 0.9  | 0.4    | 1.2   | 86.8 | 1.3 | 11.9 | 0.092                 | 0.504 | 21.359924 | -102.834242 |
| Nochistlán                              |                                          |  |  | 5.70            | 1            | 2 | 1075 | 0.3                                  | 84.9               | 1.4 | 8.4 | 1.4 | 1.1        | 0.9  | 0.3    | 1.3   | 85.2 | 1.4 | 13.4 | 0.097                 | 0.504 | 21.359512 | -102.833864 |
| 32                                      | C A R R : Ramal a San Pedro Piedra Gorda |  |  |                 | CLAVE: 00553 |   |      |                                      | RUTA : ZAC-AGS     |     |     |     | AÑO : 2011 |      |        |       |      |     |      |                       |       |           |             |
| L U G A R                               |                                          |  |  | E S T A C I O N |              |   |      | CLASIFICACION VEHICULAR EN PORCIENTO |                    |     |     |     |            |      |        |       |      |     |      | C O O R D E N A D A S |       |           |             |
| KM                                      |                                          |  |  | TE SC TDPA      |              |   |      | M                                    | A                  | B   | C2  | C3  | T3S2       | T3S3 | T3S2R4 | OTROS | A    | B   | C    | K'                    | D     | LATITUD   | LONGITUD    |
| T. C. Aguascalientes - Zacatecas        |                                          |  |  | 0.00            | 3            | 0 | 1580 | 1.0                                  | 86.4               | 4.4 | 4.3 | 1.3 | 1.7        | 0.4  | 0.2    | 0.3   | 87.4 | 4.4 | 8.2  | 0.085                 | 0.502 | 22.465146 | -102.264801 |
| Lim. Edos. Term. Zac. Ppia. Ags.        |                                          |  |  | 5.00            |              |   |      |                                      |                    |     |     |     |            |      |        |       |      |     |      |                       |       |           |             |
| Lim. Edos. Term. Ags. Ppia. Zac.        |                                          |  |  | 8.00            |              |   |      |                                      |                    |     |     |     |            |      |        |       |      |     |      |                       |       |           |             |
| San Pedro Piedra Gorda                  |                                          |  |  | 9.00            | 1            | 0 | 1622 | 4.2                                  | 85.7               | 3.2 | 4.1 | 0.9 | 1.1        | 0.5  | 0.1    | 0.2   | 89.9 | 3.2 | 6.9  | 0.081                 | 0.502 | 22.452917 | -102.335148 |
| 33                                      | C A R R : San Gil - Jarillas             |  |  |                 | CLAVE: 00527 |   |      |                                      | RUTA : AGS-012-ZAC |     |     |     | AÑO : 2011 |      |        |       |      |     |      |                       |       |           |             |
| L U G A R                               |                                          |  |  | E S T A C I O N |              |   |      | CLASIFICACION VEHICULAR EN PORCIENTO |                    |     |     |     |            |      |        |       |      |     |      | C O O R D E N A D A S |       |           |             |
| KM                                      |                                          |  |  | TE SC TDPA      |              |   |      | M                                    | A                  | B   | C2  | C3  | T3S2       | T3S3 | T3S2R4 | OTROS | A    | B   | C    | K'                    | D     | LATITUD   | LONGITUD    |
| T. C. Rincón de Romos - Ciénega Grande  |                                          |  |  | 0.00            | 3            | 0 | 1400 | 4.0                                  | 77.8               | 4.7 | 5.5 | 2.7 | 2.6        | 1.4  | 0.3    | 1.0   | 81.8 | 4.7 | 13.5 | 0.124                 | 0.538 | 22.213723 | -102.022754 |
| Guadalupe de Atlas                      |                                          |  |  | 5.40            | 1            | 0 | 1659 | 4.8                                  | 79.8               | 5.0 | 5.6 | 2.4 | 1.8        | 0.5  | 0.0    | 0.1   | 84.6 | 5.0 | 10.4 | 0.095                 | 0.516 | 22.261663 | -102.027400 |

# ZACATECAS

33 CARR: San Gil - Jarillas

CLAVE: 00527

ruta: AGS-012-ZAC

AÑO: 2011

| L U G A R                        | E S T A C I O N | C L A S I F I C A C I O N   V E H I C U L A R   E N   P O R C I E N T O |    |    |      |   |   |   |    |    |      |      |        |       |   |   | C O O R D E N A D A S |    |   |         |
|----------------------------------|-----------------|-------------------------------------------------------------------------|----|----|------|---|---|---|----|----|------|------|--------|-------|---|---|-----------------------|----|---|---------|
|                                  |                 | KM                                                                      | TE | SC | TDPA | M | A | B | C2 | C3 | T3S2 | T3S3 | T3S2R4 | OTROS | A | B | C                     | K' | D | LATITUD |
| Lim. Edos. Term. Ags. Ppia. Zac. | 10.00           |                                                                         |    |    |      |   |   |   |    |    |      |      |        |       |   |   |                       |    |   |         |
| Lim. Edos. Term. Zac. Ppia. Ags. | 11.30           |                                                                         |    |    |      |   |   |   |    |    |      |      |        |       |   |   |                       |    |   |         |
| Jarillas                         | 12.00           |                                                                         |    |    |      |   |   |   |    |    |      |      |        |       |   |   |                       |    |   |         |

34 CARR: San Rafael - Villa García

CLAVE: 00525

ruta: AGS-ZAC

AÑO: 2011

| LUGAR                                   | ESTACION | CLASIFICACION VEHICULAR EN PORCIENTO |    |      |      |      |     |     |     |     |      |      |        |       |     |     | COORDENADAS |       |           |             |          |
|-----------------------------------------|----------|--------------------------------------|----|------|------|------|-----|-----|-----|-----|------|------|--------|-------|-----|-----|-------------|-------|-----------|-------------|----------|
|                                         |          | KM                                   | TE | SC   | TDPA | M    | A   | B   | C2  | C3  | T3S2 | T3S3 | T3S2R4 | OTROS | A   | B   | C           | K'    | D         | LATITUD     | LONGITUD |
|                                         |          |                                      |    |      |      |      |     |     |     |     |      |      |        |       |     |     |             |       |           |             |          |
| T. C. Ent. La Calavera - Ent. San Pedro | 0.00     | 3                                    | 0  | 2898 | 1.7  | 84.5 | 4.4 | 4.4 | 0.7 | 1.4 | 0.9  | 0.5  | 1.5    | 86.2  | 4.4 | 9.4 | 0.118       | 0.517 | 22.116669 | -102.010990 |          |
| Lim. Edos. Term. Ags. Ppia. Zac.        | 3.00     |                                      |    |      |      |      |     |     |     |     |      |      |        |       |     |     |             |       |           |             |          |
| Villa García                            | 10.00    | 1                                    | 0  | 4091 | 2.8  | 86.6 | 4.5 | 3.8 | 0.3 | 1.1 | 0.3  | 0.1  | 0.5    | 89.4  | 4.5 | 6.1 | 0.110       | 0.507 | 22.145748 | -101.959550 |          |

35 CARR: Santa Mónica - Pozo de Gamboa

CLAVE: 32568

ruta: ZAC

AÑO: 2011

| LUGAR                            | ESTACION | CLASIFICACION VEHICULAR EN PORCIENTO |    |      |      |      |     |     |     |     |      |      |        |       |     |      | COORDENADAS |       |           |             |
|----------------------------------|----------|--------------------------------------|----|------|------|------|-----|-----|-----|-----|------|------|--------|-------|-----|------|-------------|-------|-----------|-------------|
|                                  |          | KM                                   | TE | SC   | TDPA | M    | A   | B   | C2  | C3  | T3S2 | T3S3 | T3S2R4 | OTROS | A   | B    | C           | K'    | D         | LATITUD     |
| T. C. Aguascalientes - Zacatecas | 0.00     | 3                                    | 0  | 5862 | 0.2  | 76.4 | 5.1 | 7.2 | 2.7 | 5.7 | 1.6  | 1.0  | 0.1    | 76.6  | 5.1 | 18.3 | 0.078       | 0.502 | 22.759896 | -102.422451 |
| Tacoaleche                       | 7.60     | 3                                    | 0  | 3424 | 1.0  | 75.7 | 4.6 | 5.9 | 4.5 | 5.3 | 1.4  | 1.2  | 0.4    | 76.7  | 4.6 | 18.7 | 0.083       | 0.509 | 22.830497 | -102.398354 |
| Pozo de Gamboa                   | 34.50    |                                      |    |      |      |      |     |     |     |     |      |      |        |       |     |      |             |       |           |             |

36 CARR: Sombrerete - González Ortega

CLAVE: 32568

ruta: ZAC

AÑO: 2011

| L U G A R                 | E S T A C I O N |    |    |      | C L A S I F I C A C I O N   V E H I C U L A R   E N   P O R C I E N T O |      |     |     |     |      |      |        |       |      |     |     |       | C O O R D E N A D A S |           |             |
|---------------------------|-----------------|----|----|------|-------------------------------------------------------------------------|------|-----|-----|-----|------|------|--------|-------|------|-----|-----|-------|-----------------------|-----------|-------------|
|                           | KM              | TE | SC | TDPA | M                                                                       | A    | B   | C2  | C3  | T3S2 | T3S3 | T3S2R4 | OTROS | A    | B   | C   | K'    | D                     | LATITUD   | LONGITUD    |
| T. C. Zacatecas - Durango | 0.00            | 3  | 0  | 838  | 1.7                                                                     | 85.1 | 4.4 | 2.8 | 1.6 | 1.9  | 1.4  | 0.1    | 1.0   | 86.8 | 4.4 | 8.8 | 0.078 | 0.517                 | 23.662472 | -103.543427 |
| González Ortega           | 38.70           | 1  | 0  | 899  | 1.3                                                                     | 86.5 | 4.3 | 2.8 | 1.1 | 1.5  | 1.1  | 0.3    | 1.1   | 87.8 | 4.3 | 7.9 | 0.090 | 0.515                 | 23.946967 | -103.462341 |

37 CARR: Libramiento Noreste de Zacatecas (Cuota)

CLAVE: 32582

ruta: ZAC-D

AÑO: 2011

| LUGAR                            | ESTACION |    |    |      | CLASIFICACION VEHICULAR EN PORCIENTO |      |     |     |     |      |      |        |       |      |     |      |       |       | COORDENADAS |             |
|----------------------------------|----------|----|----|------|--------------------------------------|------|-----|-----|-----|------|------|--------|-------|------|-----|------|-------|-------|-------------|-------------|
|                                  | KM       | TE | SC | TDPA | M                                    | A    | B   | C2  | C3  | T3S2 | T3S3 | T3S2R4 | OTROS | A    | B   | C    | K'    | D     | LATITUD     | LONGITUD    |
| T. C. Aguascalientes - Zacatecas | 0.00     | 3  | 0  | 4598 | 0.3                                  | 53.6 | 6.9 | 8.3 | 6.0 | 10.0 | 3.7  | 10.4   | 0.8   | 53.9 | 6.9 | 39.2 | 0.083 | 0.501 | 22.754981   | -102.458126 |
| T. C. Ent. Morelos - Saltillo    | 21.00    | 1  | 0  | 3075 | 0.8                                  | 55.4 | 6.8 | 8.0 | 5.3 | 9.9  | 3.4  | 9.5    | 0.9   | 56.2 | 6.8 | 37.0 | 0.074 | 0.503 | 22.852884   | -102.618672 |



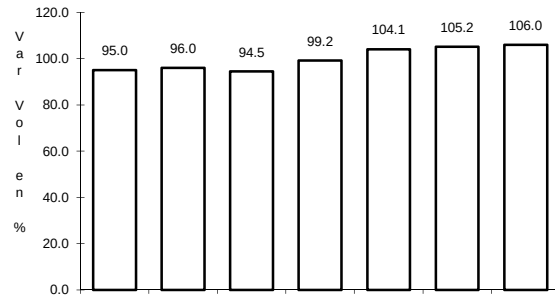
ZACATECAS

| 38                                                | C A R R : Cosío - Guadalupe      |  |  |                 | CLAVE: 32579 |   |      |                                                                   |      |     |      |     |     |     | RUTA : MEX-ZAC     |     |      |      | AÑO : 2011 |       |       |                       |             |
|---------------------------------------------------|----------------------------------|--|--|-----------------|--------------|---|------|-------------------------------------------------------------------|------|-----|------|-----|-----|-----|--------------------|-----|------|------|------------|-------|-------|-----------------------|-------------|
| L U G A R                                         |                                  |  |  | E S T A C I O N |              |   |      | C L A S I F I C A C I O N V E H I C U L A R E N P O R C I E N T O |      |     |      |     |     |     |                    |     |      |      |            |       |       | C O O R D E N A D A S |             |
|                                                   |                                  |  |  |                 |              |   |      | KM                                                                | TE   | SC  | TDPA | M   | A   | B   | C2                 | C3  | T3S2 | T3S3 | T3S2R4     | OTROS | A     |                       |             |
| T. C. Aguascalientes - Zacatecas                  |                                  |  |  | 0.00            | 3            | 0 | 7002 | 1.1                                                               | 89.0 | 3.1 | 2.7  | 1.2 | 1.4 | 0.6 | 0.3                | 0.6 | 90.1 | 3.1  | 6.8        | 0.081 | 0.503 | 22.398571             | -102.309298 |
| Lim. Edos. Term. Ags. Ppia. Zac.                  |                                  |  |  | 6.79            |              |   |      |                                                                   |      |     |      |     |     |     |                    |     |      |      |            |       |       |                       |             |
| T. C. Ent. Cuauhtémoc - Ent. Osiris Cuota         |                                  |  |  | 12.96           | 3            | 0 | 1224 | 9.6                                                               | 78.7 | 3.8 | 2.8  | 1.5 | 1.8 | 0.6 | 0.4                | 0.8 | 88.3 | 3.8  | 7.9        | 0.074 | 0.523 | 22.485232             | -102.360057 |
| T. C. Libramiento de Guadalupe - Zacatecas (Baja) |                                  |  |  | 58.93           | 1            | 1 | 3077 | 0.7                                                               | 84.0 | 3.9 | 4.8  | 1.5 | 2.0 | 1.9 | 0.8                | 0.4 | 84.7 | 3.9  | 11.4       | 0.080 | 0.504 | 22.734357             | -102.495771 |
| T. C. Libramiento de Guadalupe - Zacatecas (Alta) |                                  |  |  | 58.93           | 1            | 1 | 1425 | 0.5                                                               | 82.9 | 3.8 | 6.4  | 2.0 | 1.7 | 1.7 | 0.8                | 0.2 | 83.4 | 3.8  | 12.8       | 0.078 | 0.526 | 22.734606             | -102.495735 |
| T. C. Libramiento de Guadalupe - Zacatecas (Baja) |                                  |  |  | 58.93           | 1            | 2 | 3031 | 0.3                                                               | 82.3 | 4.5 | 5.7  | 1.9 | 2.1 | 2.1 | 0.8                | 0.3 | 82.6 | 4.5  | 12.9       | 0.080 | 0.504 | 22.734332             | -102.495859 |
| T. C. Libramiento de Guadalupe - Zacatecas (Alta) |                                  |  |  | 58.93           | 1            | 2 | 1325 | 0.6                                                               | 81.4 | 4.3 | 7.0  | 2.1 | 1.8 | 1.8 | 0.8                | 0.2 | 82.0 | 4.3  | 13.7       | 0.083 | 0.526 | 22.734604             | -102.495826 |
| 39                                                | C A R R : Tepatitlán - Jaralillo |  |  |                 | CLAVE: 00146 |   |      |                                                                   |      |     |      |     |     |     | RUTA : MEX-JAL-ZAC |     |      |      | AÑO : 2011 |       |       |                       |             |
| L U G A R                                         |                                  |  |  | E S T A C I O N |              |   |      | C L A S I F I C A C I O N V E H I C U L A R E N P O R C I E N T O |      |     |      |     |     |     |                    |     |      |      |            |       |       | C O O R D E N A D A S |             |
|                                                   |                                  |  |  |                 |              |   |      | KM                                                                | TE   | SC  | TDPA | M   | A   | B   | C2                 | C3  | T3S2 | T3S3 | T3S2R4     | OTROS | A     |                       |             |
| T. C. Lagos de Moreno - Zapotlanejo               |                                  |  |  | 0.00            | 3            | 0 | 6136 | 0.3                                                               | 77.7 | 2.8 | 6.7  | 3.8 | 5.8 | 1.5 | 0.9                | 0.5 | 78.0 | 2.8  | 19.2       | 0.079 | 0.500 | 20.789194             | -102.791611 |
| T. Izq. Mezcala                                   |                                  |  |  | 22.40           | 3            | 0 | 1337 | 0.7                                                               | 86.8 | 0.5 | 8.0  | 2.4 | 1.0 | 0.4 | 0.0                | 0.2 | 87.5 | 0.5  | 12.0       | 0.088 | 0.504 | 20.961056             | -102.815778 |
| Yahualica de González Gallo                       |                                  |  |  | 57.40           | 3            | 1 | 1489 | 0.5                                                               | 87.0 | 0.5 | 8.8  | 1.0 | 0.8 | 1.0 | 0.1                | 0.3 | 87.5 | 0.5  | 12.0       | 0.086 | 0.518 | 21.202889             | -102.885972 |
| Yahualica de González Gallo                       |                                  |  |  | 57.40           | 3            | 2 | 1387 | 0.5                                                               | 85.7 | 0.7 | 9.5  | 1.1 | 0.9 | 1.2 | 0.1                | 0.3 | 86.2 | 0.7  | 13.1       | 0.092 | 0.518 | 21.202889             | -102.885972 |
| T. Der. Mexxicacán                                |                                  |  |  | 72.45           | 3            | 0 | 2243 | 0.4                                                               | 84.2 | 1.3 | 7.9  | 2.1 | 2.2 | 1.5 | 0.1                | 0.3 | 84.6 | 1.3  | 14.1       | 0.095 | 0.502 | 21.251528             | -102.804006 |
| Lim. Edos. Term. Jal. Ppia. Zac.                  |                                  |  |  | 83.50           |              |   |      |                                                                   |      |     |      |     |     |     |                    |     |      |      |            |       |       |                       |             |
| Lim. Edos. Term. Zac. Ppia. Jal.                  |                                  |  |  | 106.00          |              |   |      |                                                                   |      |     |      |     |     |     |                    |     |      |      |            |       |       |                       |             |
| Teocaltiche                                       |                                  |  |  | 111.00          | 1            | 0 | 3036 | 0.6                                                               | 87.1 | 0.6 | 7.5  | 1.0 | 2.0 | 1.0 | 0.1                | 0.1 | 87.7 | 0.6  | 11.7       | 0.086 | 0.502 | 21.425778             | -102.589889 |
| Teocaltiche                                       |                                  |  |  | 111.00          | 3            | 0 | 3118 | 0.4                                                               | 86.3 | 1.1 | 7.3  | 1.4 | 2.1 | 0.8 | 0.2                | 0.4 | 86.7 | 1.1  | 12.2       | 0.087 | 0.506 | 21.455194             | -102.555833 |
| T. C. León - Aguascalientes                       |                                  |  |  | 157.00          | 1            | 0 | 2438 | 0.4                                                               | 81.2 | 2.5 | 8.5  | 2.9 | 2.5 | 1.3 | 0.2                | 0.5 | 81.6 | 2.5  | 15.9       | 0.091 | 0.501 | 21.642351             | -102.279533 |

### 1 CARR: Aguascalientes - Jalpa

CLAVE: 00095

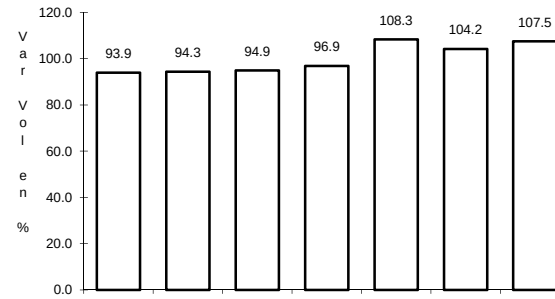
RUTA: MEX-070



Km: 0.00

Tipo: 3

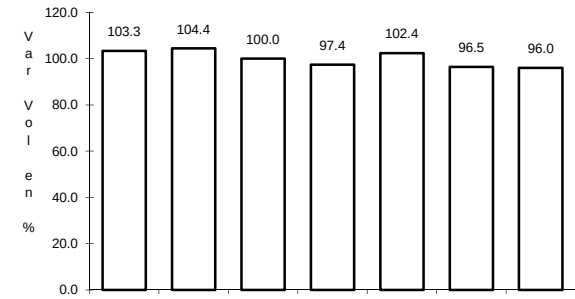
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Km: 0.00

Tipo: 3

Sent: 2



Km: 91.10

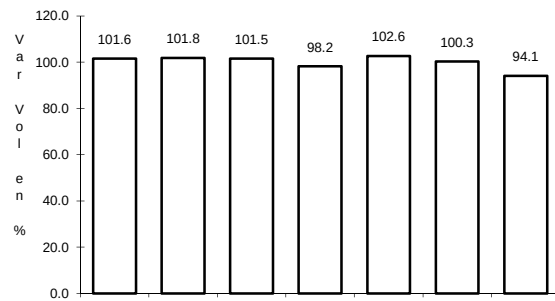
Tipo: 1

Sent: 0

### 2 CARR: Aguascalientes - Zacatecas

CLAVE: 00524

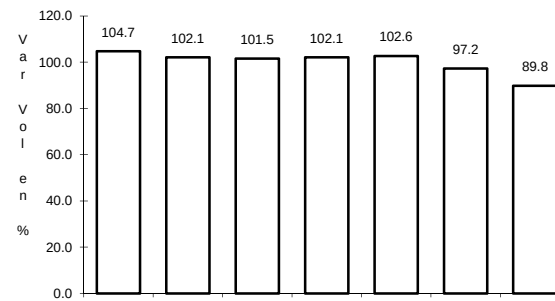
RUTA: MEX-045



Km: 6.00

Tipo: 1

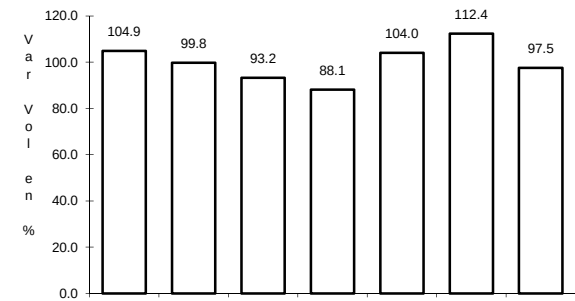
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Km: 6.00

Tipo: 1

Sent: 2



Km: 40.90

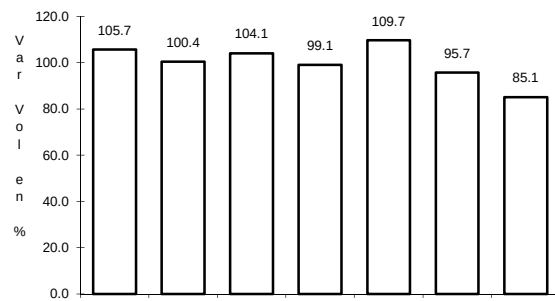
Tipo: 3

Sent: 0

### 3 CARR: Carbonera - T. C. (Ent. Morelos - Saltillo)

CLAVE: 00218

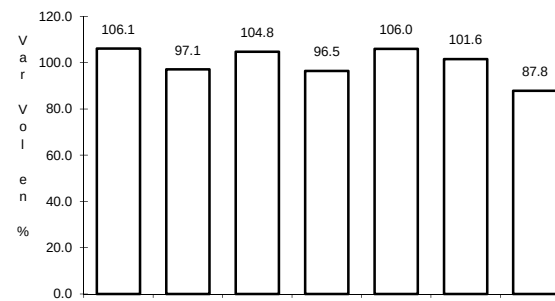
RUTA: MEX-062



Km: 0.00

Tipo: 3

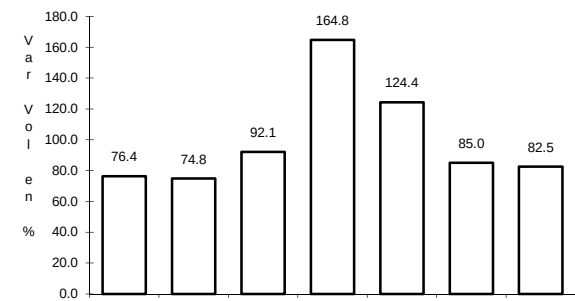
Sent: 0



Km: 18.00

Tipo: 1

Sent: 0



Km: 112.00

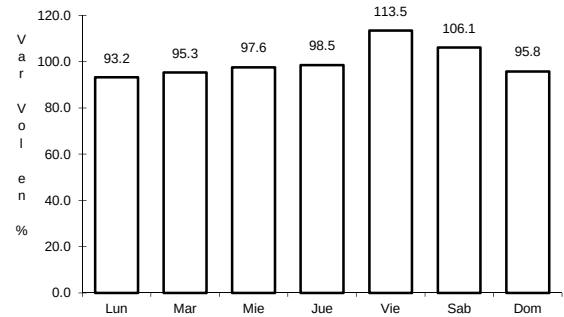
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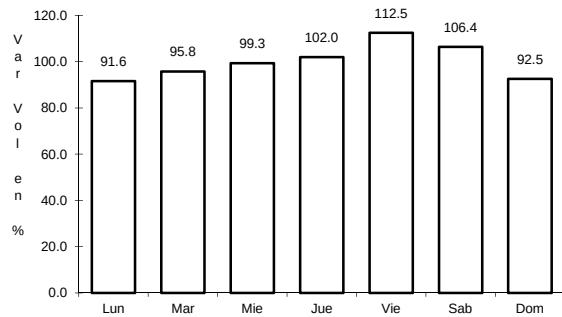
4 CARR: Ent. La Chicharrona - Cuencamé

CLAVE: 00152

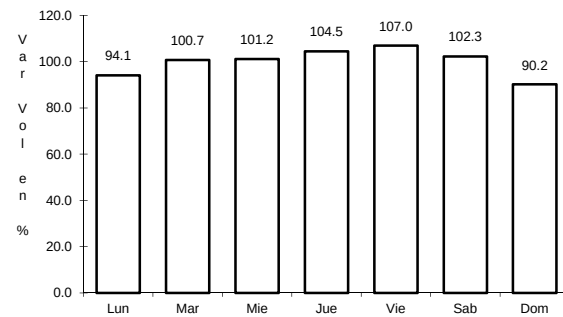
RUTA: MEX-049



Km: 0.00      Tipo: 3      Sent: 1



Km: 0.00      Tipo: 3      Sent: 2

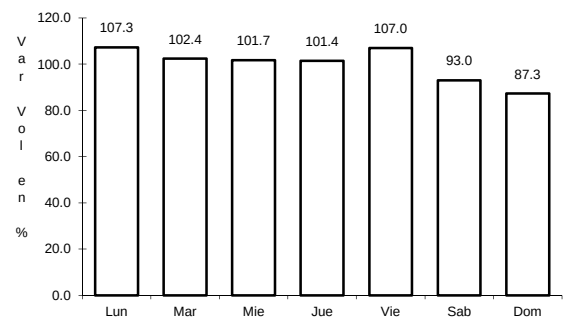


Km: 124.50      Tipo: 1      Sent: 0

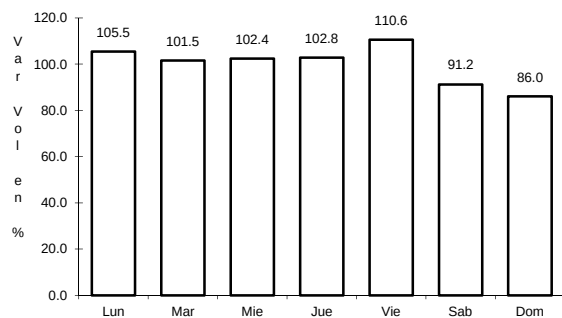
5 CARR: Ent. Morelos - Saltillo

CLAVE: 00149

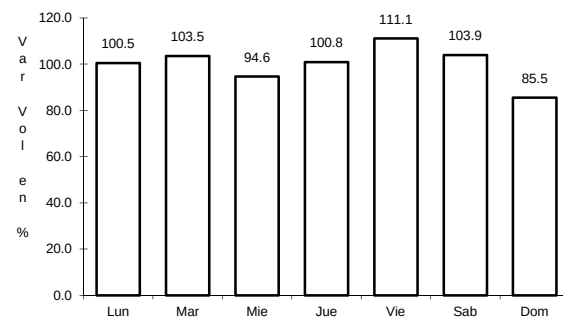
RUTA: MEX-054



Km: 0.00      Tipo: 3      Sent: 1



Km: 0.00      Tipo: 3      Sent: 2

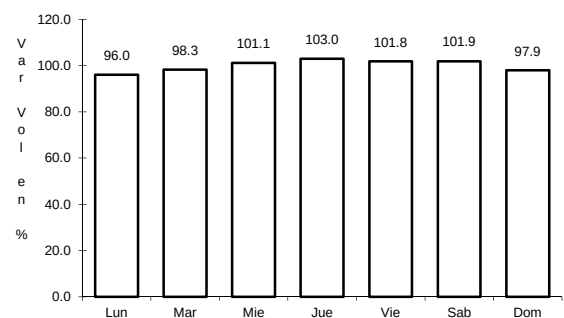


Km: 333.00      Tipo: 3      Sent: 0

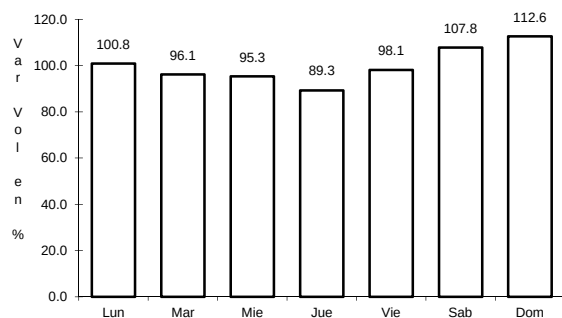
6 CARR: Ent. Rivier - San Marcos

CLAVE: 00285

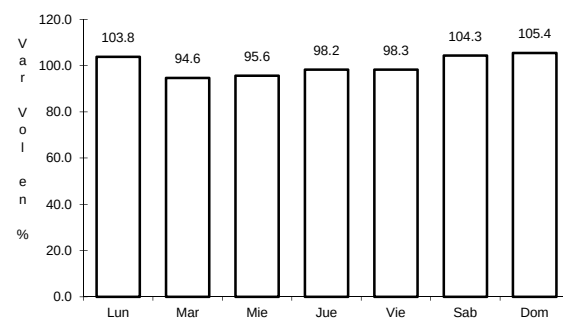
RUTA: MEX-066



Km: 0.00      Tipo: 3      Sent: 0



Km: 30.00      Tipo: 3      Sent: 0

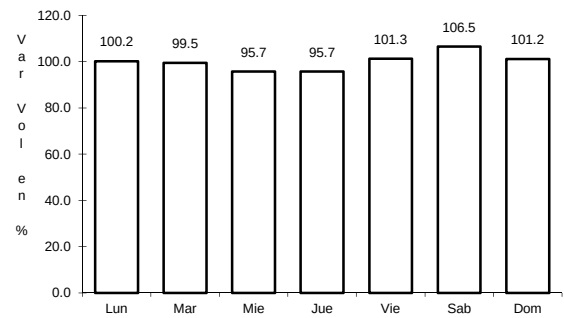


Km: 56.00      Tipo: 1      Sent: 0

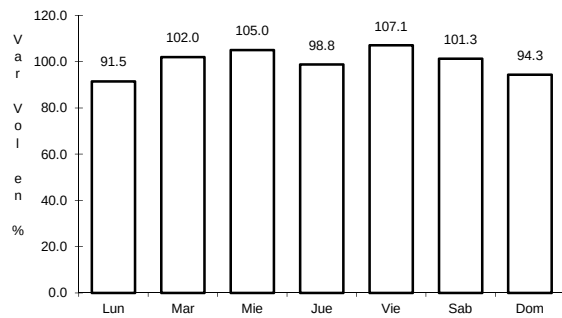
7 CARR: Ent. Tesistán - Ent. Malpaso

CLAVE: 00584

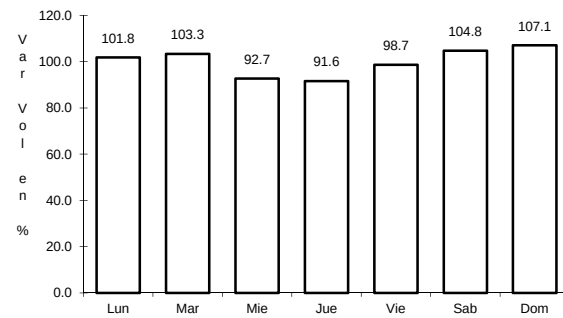
ruta: MEX-023



Km: 0.00      Tipo: 3      Sent: 0



Km: 147.50      Tipo: 3      Sent: 0

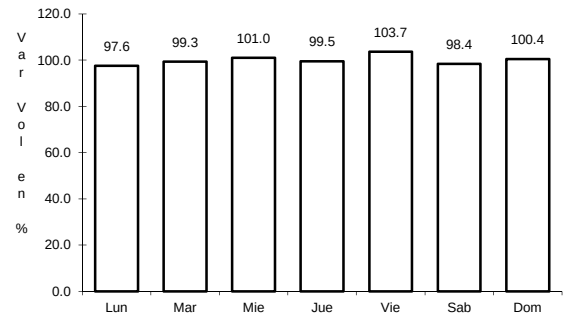


Km: 275.00      Tipo: 1      Sent: 0

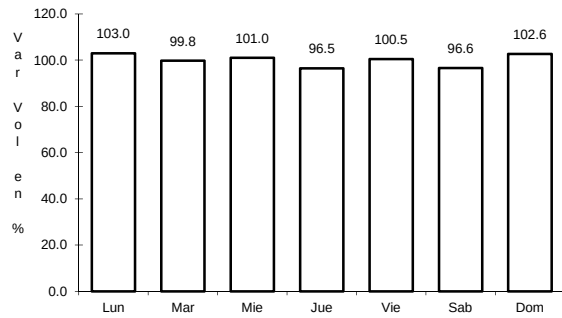
8 CARR: Fresnillo - Valparaíso

CLAVE: 32547

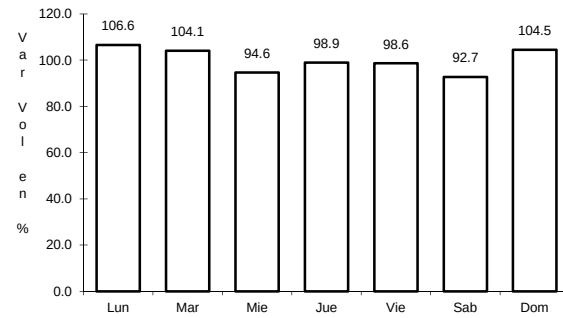
ruta: MEX-044



Km: 0.00      Tipo: 3      Sent: 0



Km: 45.00      Tipo: 3      Sent: 0

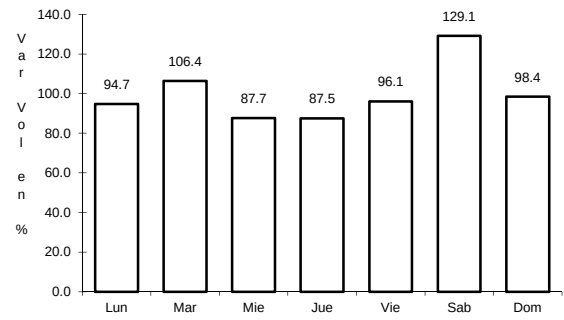


Km: 90.00      Tipo: 1      Sent: 0

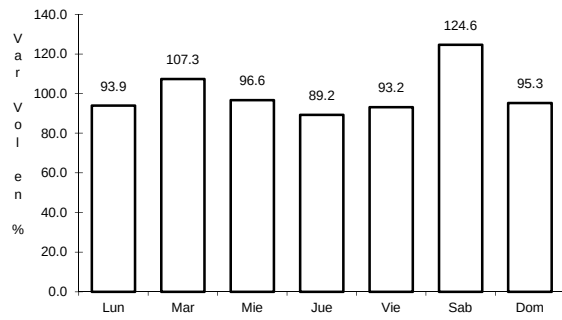
9 CARR: Guadalajara - Zacatecas

CLAVE: 00150

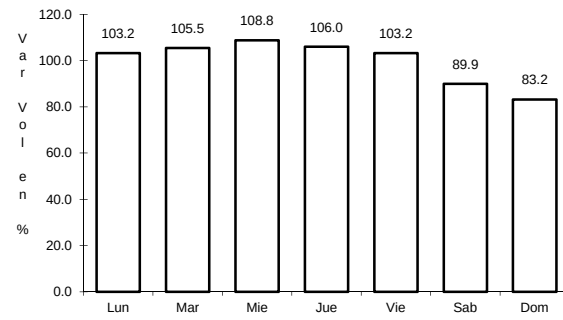
ruta: MEX-054



Km: 6.19      Tipo: 3      Sent: 1



Km: 6.19      Tipo: 3      Sent: 2

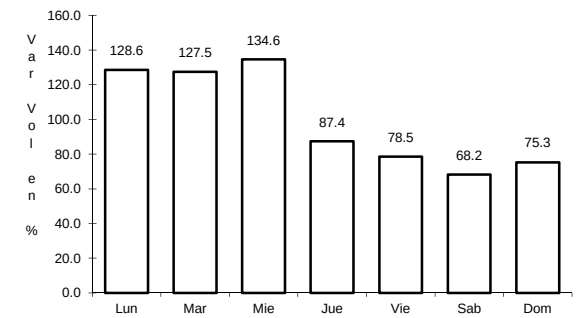


Km: 159.39      Tipo: 1      Sent: 0

10 CARR: Jerez - Fresnillo

CLAVE: 32542

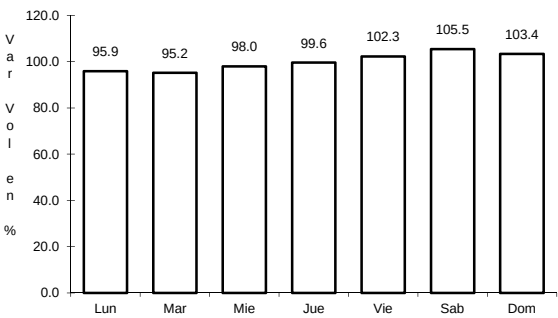
RUTA: MEX-023



Km: 0.00

Tipo: 3

Sent: 0



Km: 60.00

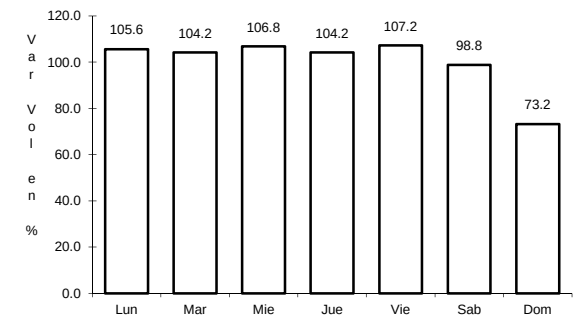
Tipo: 1

Sent: 0

11 CARR: Libramiento de Guadalupe - Zacatecas

CLAVE: 32582

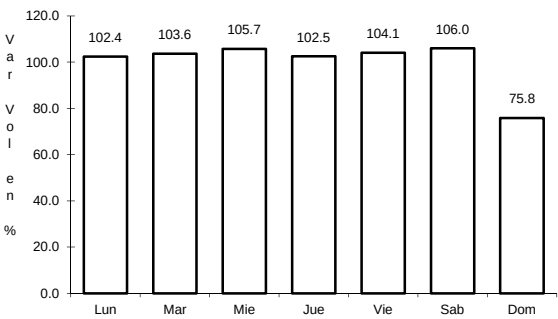
RUTA: MEX-045



Km: 17.50

Tipo: 1

Sent: 1



Km: 17.50

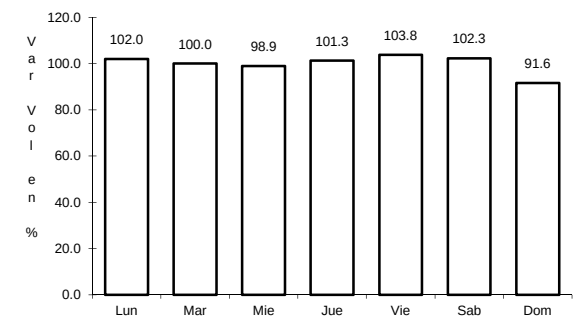
Tipo: 1

Sent: 2

12 CARR: Providencia - Luis Moya

CLAVE: 00112

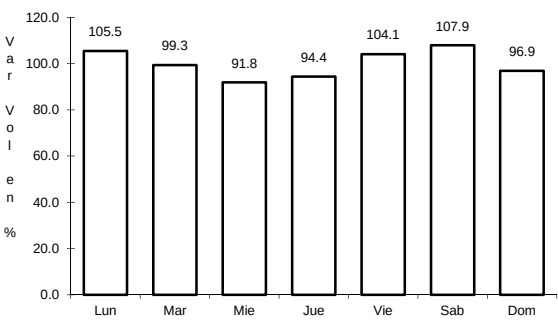
RUTA: MEX-071



Km: 0.00

Tipo: 3

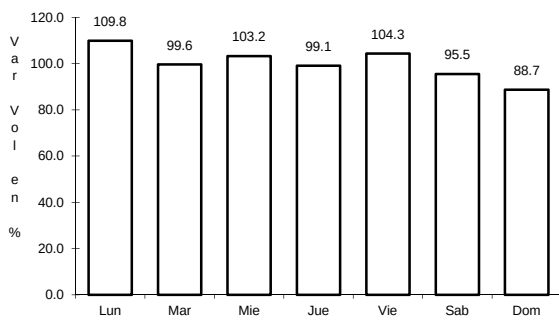
Sent: 0



Km: 21.22

Tipo: 3

Sent: 0



Km: 43.50

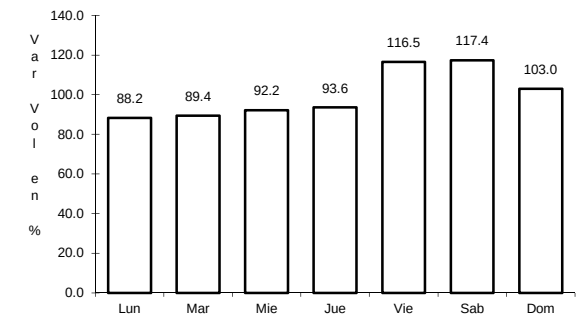
Tipo: 1

Sent: 0

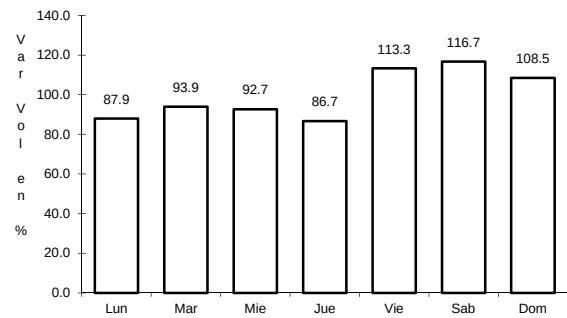
13 CARR: Ramal a Aeropuerto Zacatecas

CLAVE: 32546

ruta: MEX-045



Km: 0.00      Tipo: 3      Sent: 1

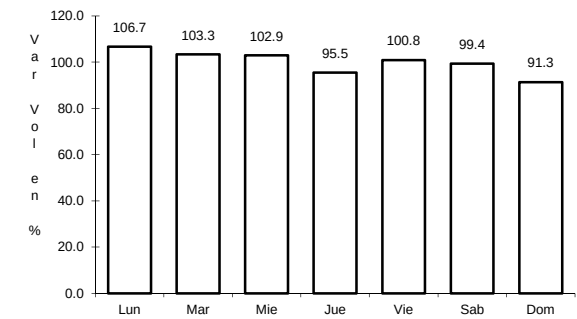


Km: 0.00      Tipo: 3      Sent: 2

14 CARR: Ramal a Concepción del Oro

CLAVE: 32565

ruta: MEX-054

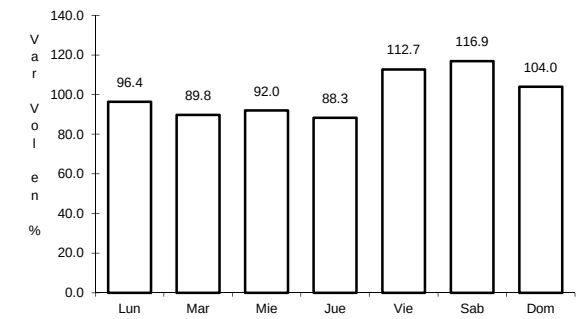


Km: 0.00      Tipo: 3      Sent: 0

15 CARR: Ramal a Francisco Murguía (Nieves)

CLAVE: 32541

ruta: MEX-049

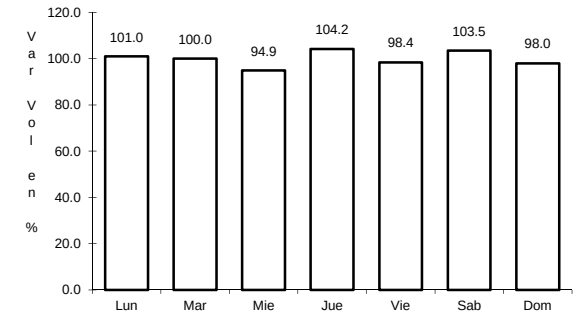


Km: 0.00      Tipo: 3      Sent: 0

16 CARR: Ramal a Gral. Pánfilo Natera

CLAVE: 32559

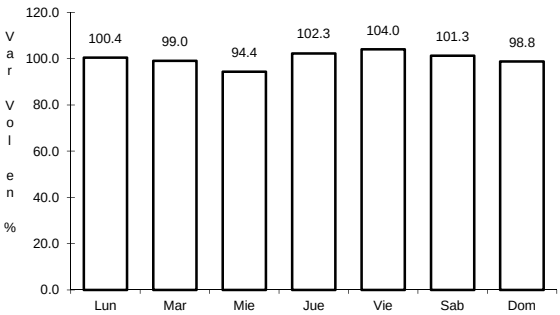
RUTA: MEX-049



Km: 0.00

Tipo: 3

Sent: 1



Km: 0.00

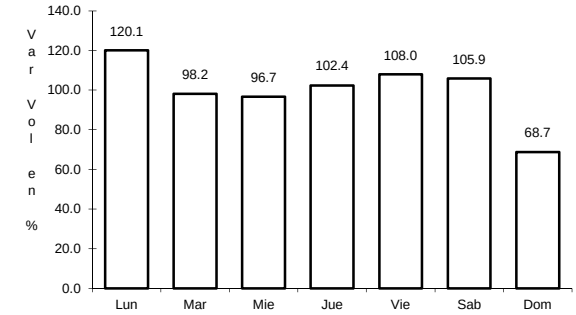
Tipo: 3

Sent: 2

17 CARR: Ramal a Villa de Cos

CLAVE: 32564

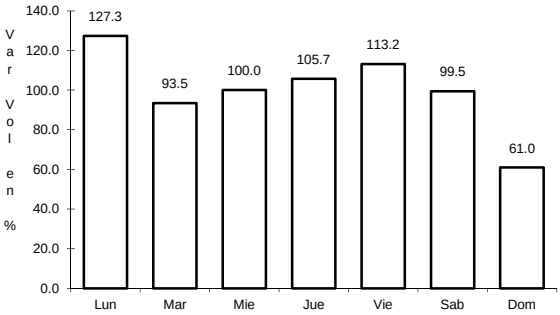
RUTA: MEX-054



Km: 0.00

Tipo: 3

Sent: 1



Km: 0.00

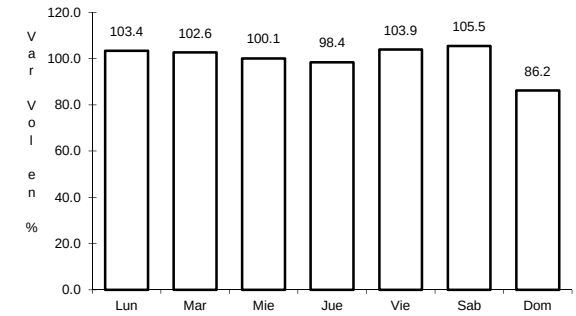
Tipo: 3

Sent: 2

18 CARR: San Luis Potosí - Ent. Arcinas

CLAVE: 00134

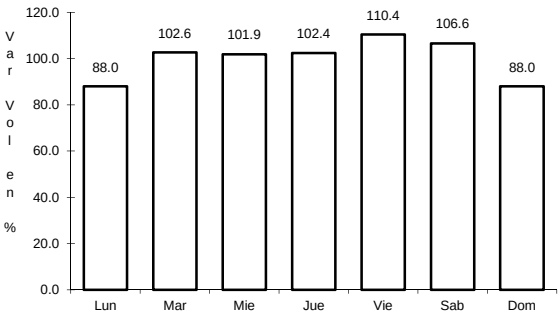
RUTA: MEX-049



Km: 9.35

Tipo: 3

Sent: 1



Km: 9.35

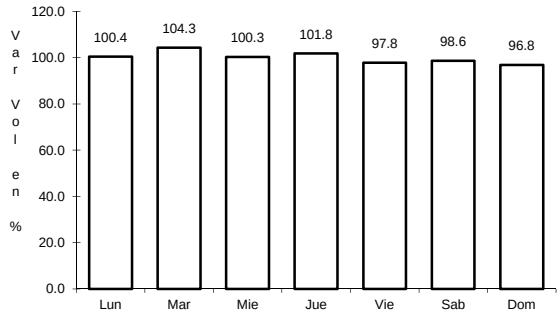
Tipo: 3

Sent: 2

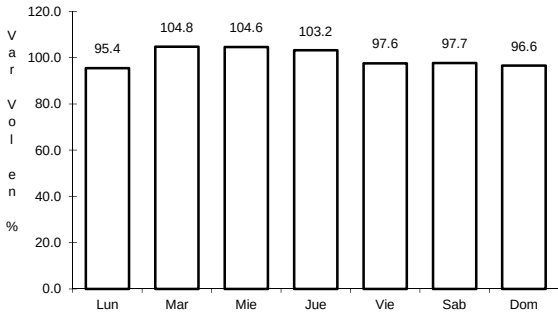
19 CARR: San Luis Potosí - Lagos de Moreno

CLAVE: 00133

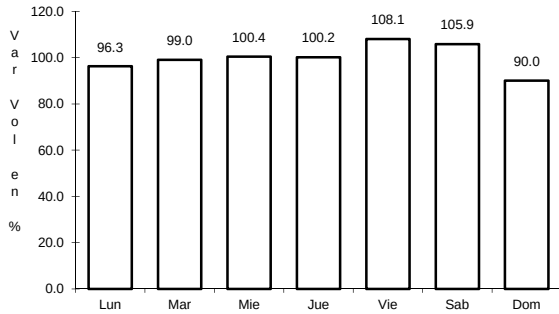
ruta: MEX-070-080



Km: 0.00                      Tipo: 3                      Sent: 1



Km: 0.00                      Tipo: 3                      Sent: 2

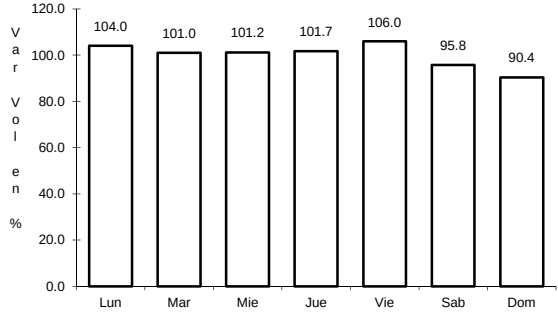


Km: 146.90                      Tipo: 1                      Sent: 0

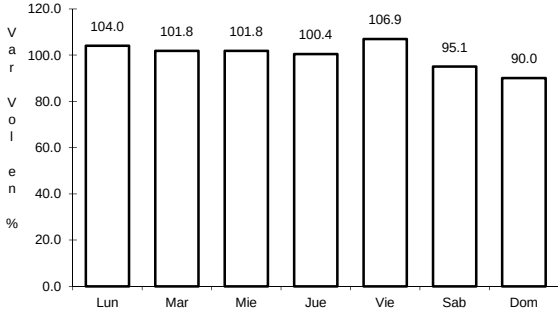
20 CARR: Zacatecas - Durango

CLAVE: 00544

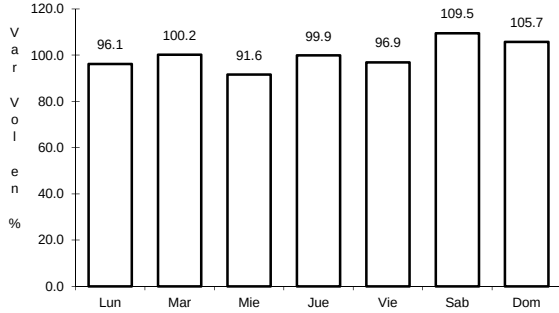
ruta: MEX-045



Km: 6.40                      Tipo: 3                      Sent: 1



Km: 6.40                      Tipo: 3                      Sent: 2

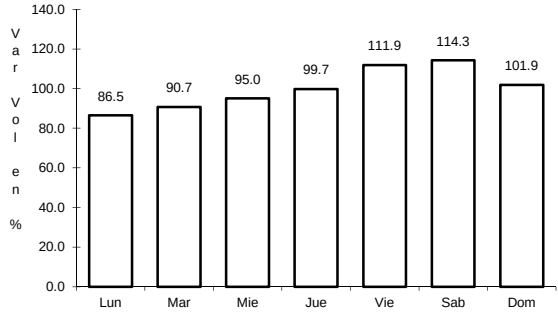


Km: 121.00                      Tipo: 3                      Sent: 0

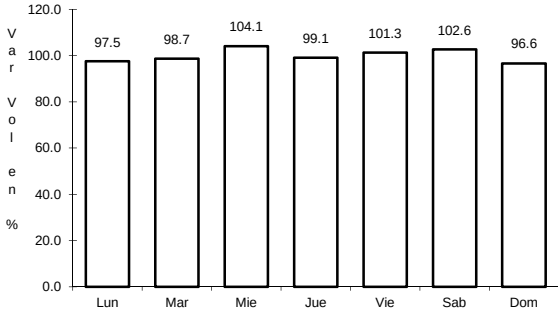
21 CARR: Ent. Cuauhtémoc - Ent. Osiris (Cuota)

CLAVE: 32558

ruta: MEX-045D



Km: 0.00                      Tipo: 3                      Sent: 0



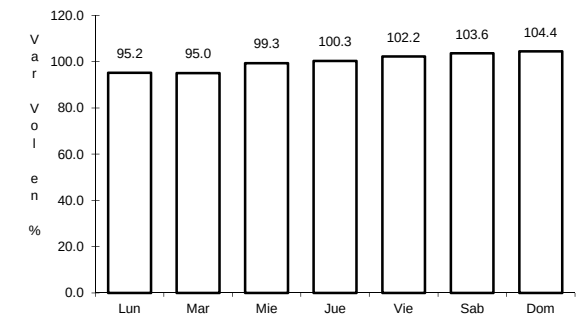
Km: 32.00                      Tipo: 1                      Sent: 0



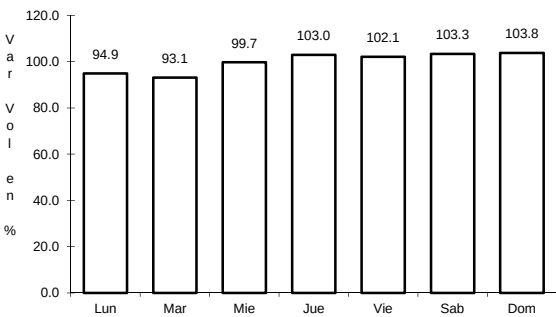
22 CARR: Libramiento Calera de Víctor Rosales (Cuota)

CLAVE: 32015

ruta: MEX-045D



Km: 12.20      Tipo: 1      Sent: 1

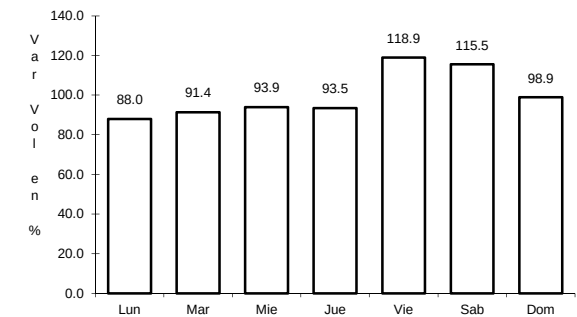


Km: 12.20      Tipo: 1      Sent: 2

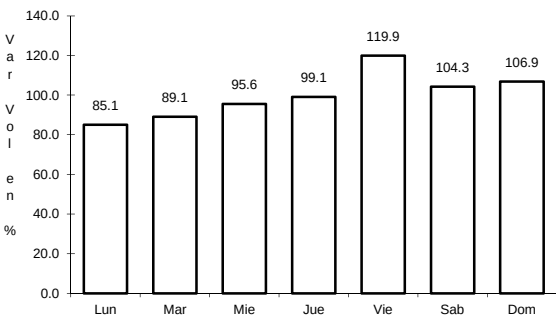
23 CARR: Libramiento de Fresnillo (Cuota)

CLAVE: 32581

ruta: MEX-045D



Km: 11.90      Tipo: 1      Sent: 1

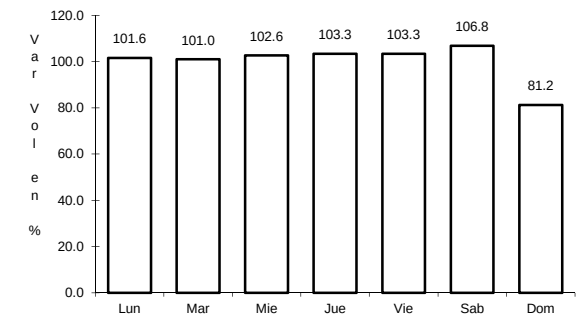


Km: 11.90      Tipo: 1      Sent: 2

24 CARR: Calera de Víctor Rosales - Santiaguillo

CLAVE: 32016

ruta: ZAC-016

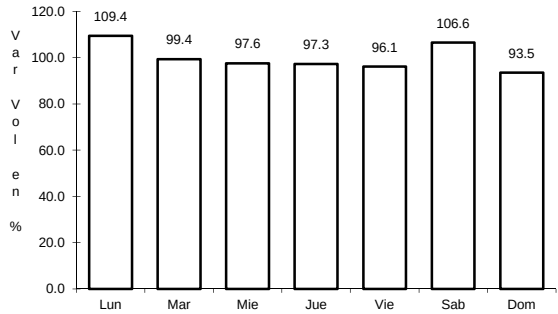


Km: 0.00      Tipo: 3      Sent: 0

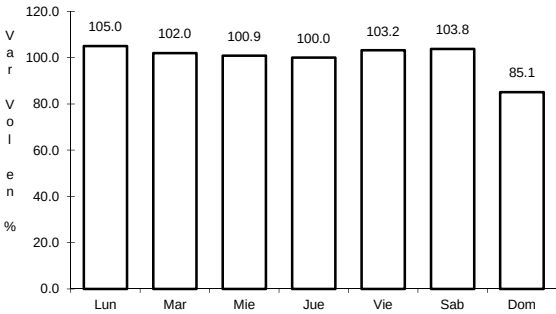
25 CARR: Cieneguillas - Zacatecas

CLAVE: 32579

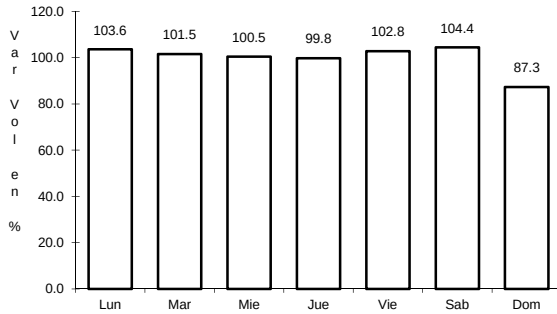
RUTA: ZAC



Km: 0.00      Tipo: 3      Sent: 0



Km: 7.70      Tipo: 3      Sent: 1

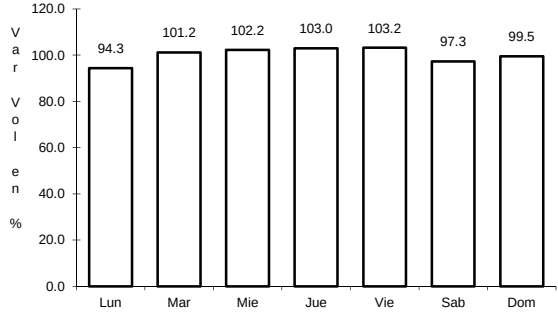


Km: 7.70      Tipo: 3      Sent: 2

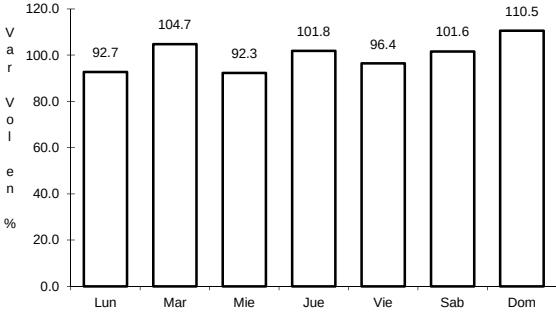
26 CARR: Corral de Piedras - Tlaltenango

CLAVE: 32579

RUTA: ZAC



Km: 0.00      Tipo: 3      Sent: 0

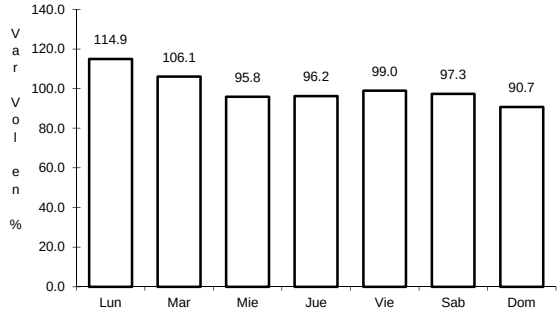


Km: 57.10      Tipo: 1      Sent: 0

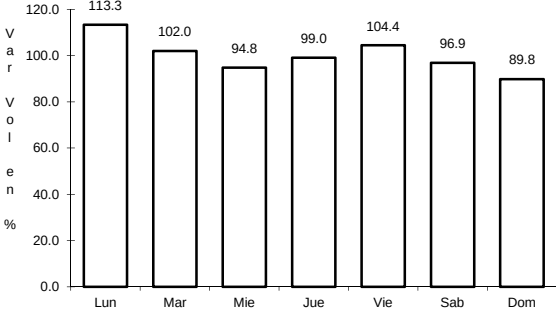
27 CARR: Ent. Ojo Caliente - Ent. Ojuelos de Jalisco

CLAVE: 00126

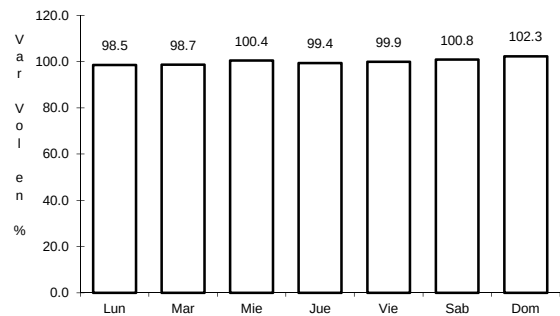
RUTA: ZAC



Km: 0.00      Tipo: 3      Sent: 0



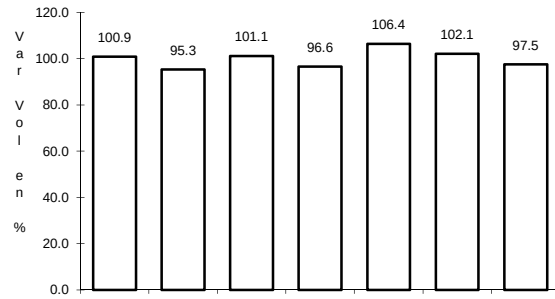
Km: 16.00      Tipo: 3      Sent: 0



31 CARR: Ramal a Nochistlán

CLAVE: 32545

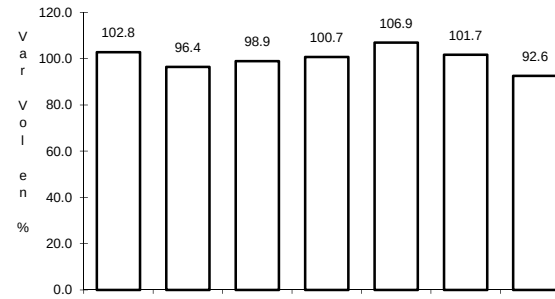
RUTA: ZAC



Km: 0.00

Tipo: 3

Sent: 1



Km: 0.00

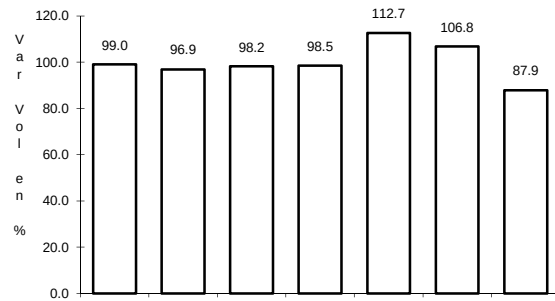
Tipo: 3

Sent: 2

32 CARR: Ramal a San Pedro Piedra Gorda

CLAVE: 00553

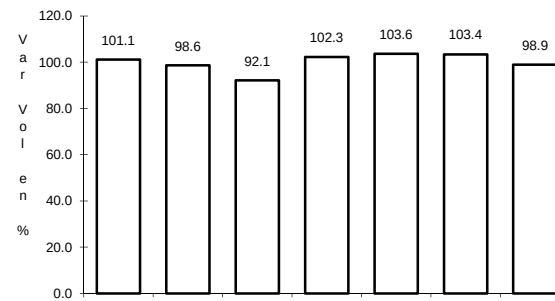
RUTA: ZAC-AGS



Km: 0.00

Tipo: 3

Sent: 0



Km: 9.00

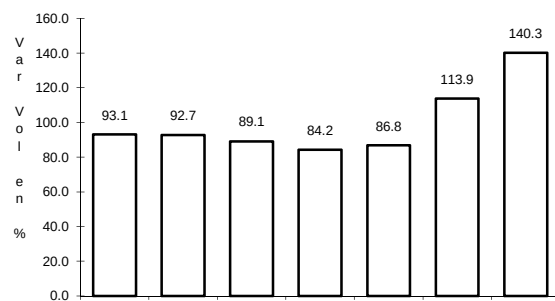
Tipo: 1

Sent: 0

33 CARR: San Gil - Jarillas

CLAVE: 00527

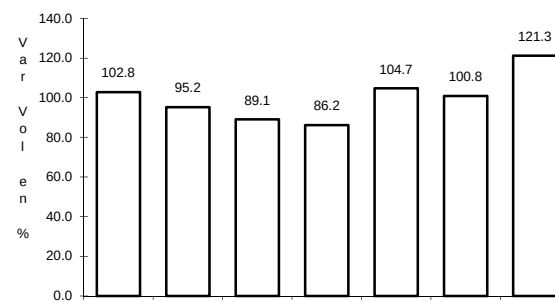
RUTA: AGS-012-ZAC



Km: 0.00

Tipo: 3

Sent: 0



Km: 5.40

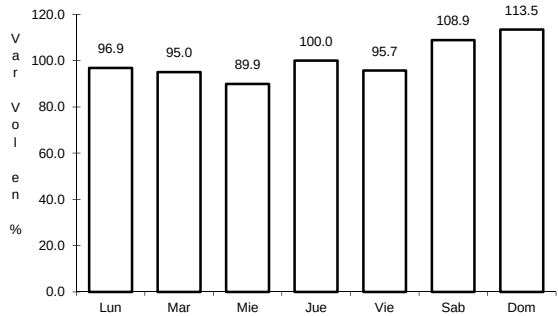
Tipo: 1

Sent: 0

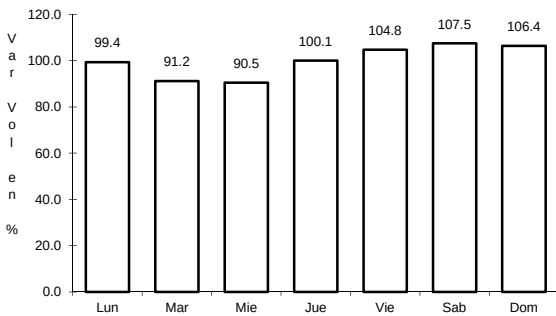
34 CARR: San Rafael - Villa García

CLAVE: 00525

RUTA: AGS-ZAC



Km: 0.00      Tipo: 3      Sent: 0

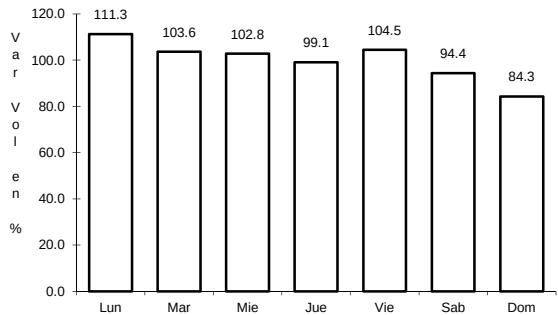


Km: 10.00      Tipo: 1      Sent: 0

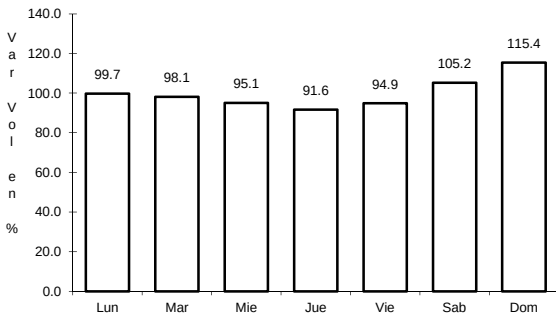
35 CARR: Santa Mónica - Pozo de Gamboa

CLAVE: 32568

RUTA: ZAC



Km: 0.00      Tipo: 3      Sent: 0

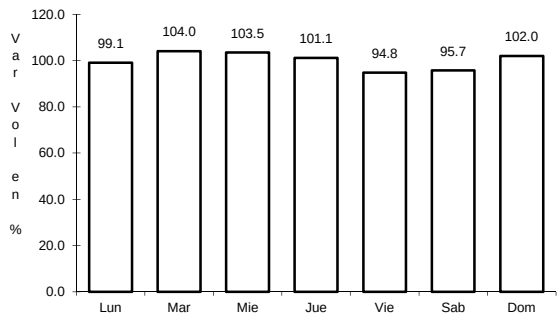


Km: 7.60      Tipo: 3      Sent: 0

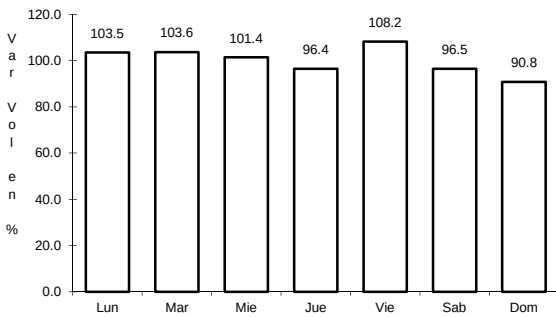
36 CARR: Sombrerete - González Ortega

CLAVE: 32568

RUTA: ZAC



Km: 0.00      Tipo: 3      Sent: 0

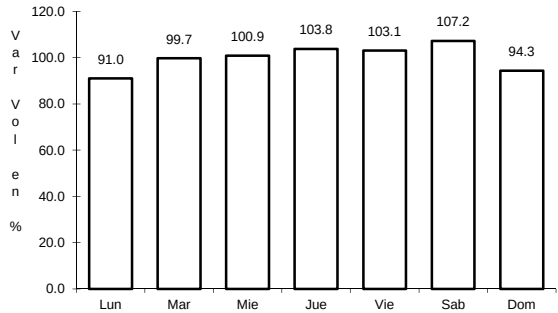


Km: 38.70      Tipo: 1      Sent: 0

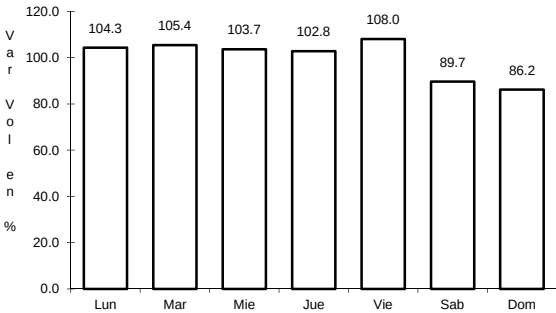
37 CARR: Libramiento Noreste de Zacatecas (Cuota)

CLAVE: 32582

ruta: ZAC-D



Km: 0.00                      Tipo: 3                      Sent: 0

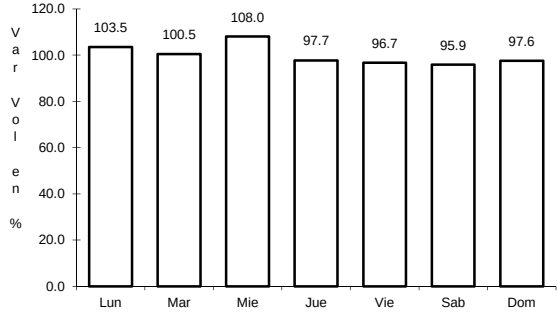


Km: 21.00                      Tipo: 1                      Sent: 0

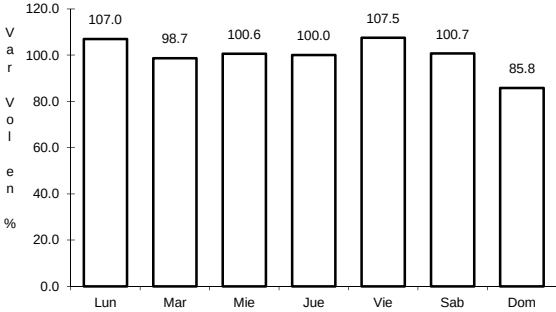
38 CARR: Cosío - Guadalupe

CLAVE: 32579

ruta: MEX-ZAC



Km: 0.00                      Tipo: 3                      Sent: 0

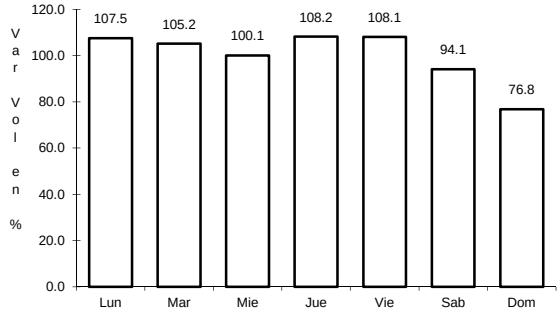


Km: 12.96                      Tipo: 3                      Sent: 0

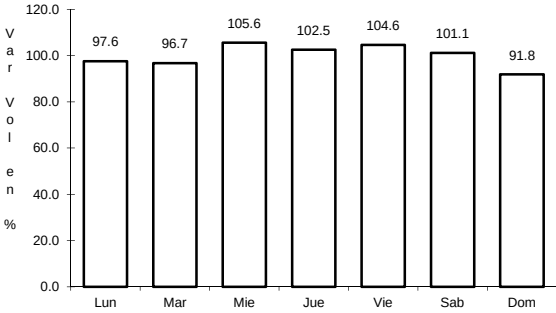
39 CARR: Tepatitlán - Jaralillo

CLAVE: 00146

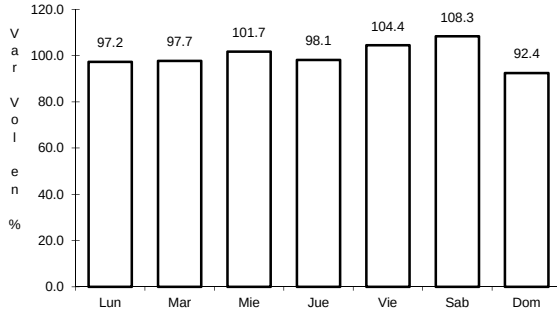
ruta: MEX-JAL-ZAC



Km: 0.00                      Tipo: 3                      Sent: 0



Km: 72.45                      Tipo: 3                      Sent: 0



Km: 157.00                      Tipo: 1                      Sent: 0