



GUANAJUATO

## ---RED FEDERAL LIBRE---

|                                             |         |
|---------------------------------------------|---------|
| 1 Acámbaro - Celaya                         | MEX-051 |
| 2 Acámbaro - Zinapécuaro                    | MEX-120 |
| 3 Dolores Hidalgo - Ojuelos de Jalisco      | MEX-051 |
| 4 Ent. Buenavista - San Miguel de Allende   | MEX-057 |
| 5 Ent. de Zaragoza - San Felipe             | MEX-037 |
| 6 Ent. La Fortaleza - Cortázar              | MEX-045 |
| 7 Ent. Santa Teresa - Silao                 | MEX-110 |
| 8 Irapuato - León                           | MEX-045 |
| 9 Irapuato - Zapotlanejo                    | MEX-090 |
| 10 La Noria - Acámbaro                      | MEX-120 |
| 11 León - Aguascalientes                    | MEX-045 |
| 12 Libramiento de San Miguel de Allende     | MEX-057 |
| 13 Libramiento de Uriangato                 | MEX-043 |
| 14 Libramiento de Villa de Reyes (Poniente) | MEX-037 |
| 15 Manuel Doblado - La Piedad               | MEX-084 |
| 16 Maravatío - Acámbaro                     | MEX-061 |
| 17 Morelia - Salamanca                      | MEX-043 |
| 18 Munguía - Las Adjuntas                   | MEX-084 |
| 19 Nuevo Libramiento de Irapuato            | MEX-045 |
| 20 Querétaro - Irapuato (Libre)             | MEX-045 |
| 21 Querétaro - San Luis Potosí              | MEX-057 |
| 22 Ramal a Las Adjuntas                     | MEX-084 |
| 23 Ramal a San José Iturbide                | MEX-057 |
| 24 Salvatierra - Ent. Yuriria               | MEX-043 |
| 25 San Luis de La Paz - Cañada de Moreno    | MEX-110 |
| 26 San Luis de La Paz - Guanajuato          | MEX-110 |

## ---RED FEDERAL DE CUOTA---

|                                               |              |
|-----------------------------------------------|--------------|
| 27 Lagos de Moreno - Villa de Arriaga (Cuota) | MEX-080D     |
| 28 León - Aguascalientes (Cuota)              | MEX-045D     |
| 29 Libramiento Norte de la Piedad (Cuota)     | MEX-110D     |
| 30 Libramiento Poniente de Irapuato (Cuota)   | MEX-IRA 020D |
| 31 Morelia - Salamanca (Cuota)                | MEX-043D     |
| 32 Palmillas - Apaseo el Grande (Cuota)       | MEX-045D     |
| 33 Querétaro - Irapuato (Cuota)               | MEX-045D     |
| 34 Salamanca - León (Cuota)                   | MEX-045D     |

## ---RED ESTATAL LIBRE---

|                                                     |         |
|-----------------------------------------------------|---------|
| 35 Ent. Begoña - Ent. Presa de Manantiales          | GTO     |
| 36 Ent. San Miguel de Allende - Dr. Mora            | GTO-001 |
| 37 Guanajuato - Santa Rita                          | GTO     |
| 38 Jalostotitlán - Purísima de Bustos               | JAL-GTO |
| 39 León - Manuel Doblado                            | GTO-037 |
| 40 León - San Felipe Torres Mochas                  | GTO     |
| 41 Libramiento de Abasolo                           | GTO     |
| 42 Libramiento de Salamanca                         | GTO     |
| 43 Libramiento de Salvatierra                       | GTO     |
| 44 Libramiento de San Felipe Torres Mochas          | GTO     |
| 45 Libramiento de San Luis de La Paz                | GTO     |
| 46 Manuel Doblado - Plan de Ayala                   | GTO     |
| 47 Nuevo Libramiento de León                        | GTO     |
| 48 Ramal a San Diego de La Unión                    | GTO     |
| 49 Romita - El Saucillo                             | GTO     |
| 50 Salamanca - Juventino Rosas                      | GTO     |
| 51 Salvatierra - Cortázar                           | GTO     |
| 52 San Luis de La Paz - San José Iturbide           | GTO     |
| 53 Silao - La Romita                                | GTO     |
| 54 Silao - Los Arrastres                            | GTO     |
| 55 T. C. (Villa del Pueblito - Huimilpan) - Coroneo | QRO-GTO |

## ---RED ESTATAL DE CUOTA---

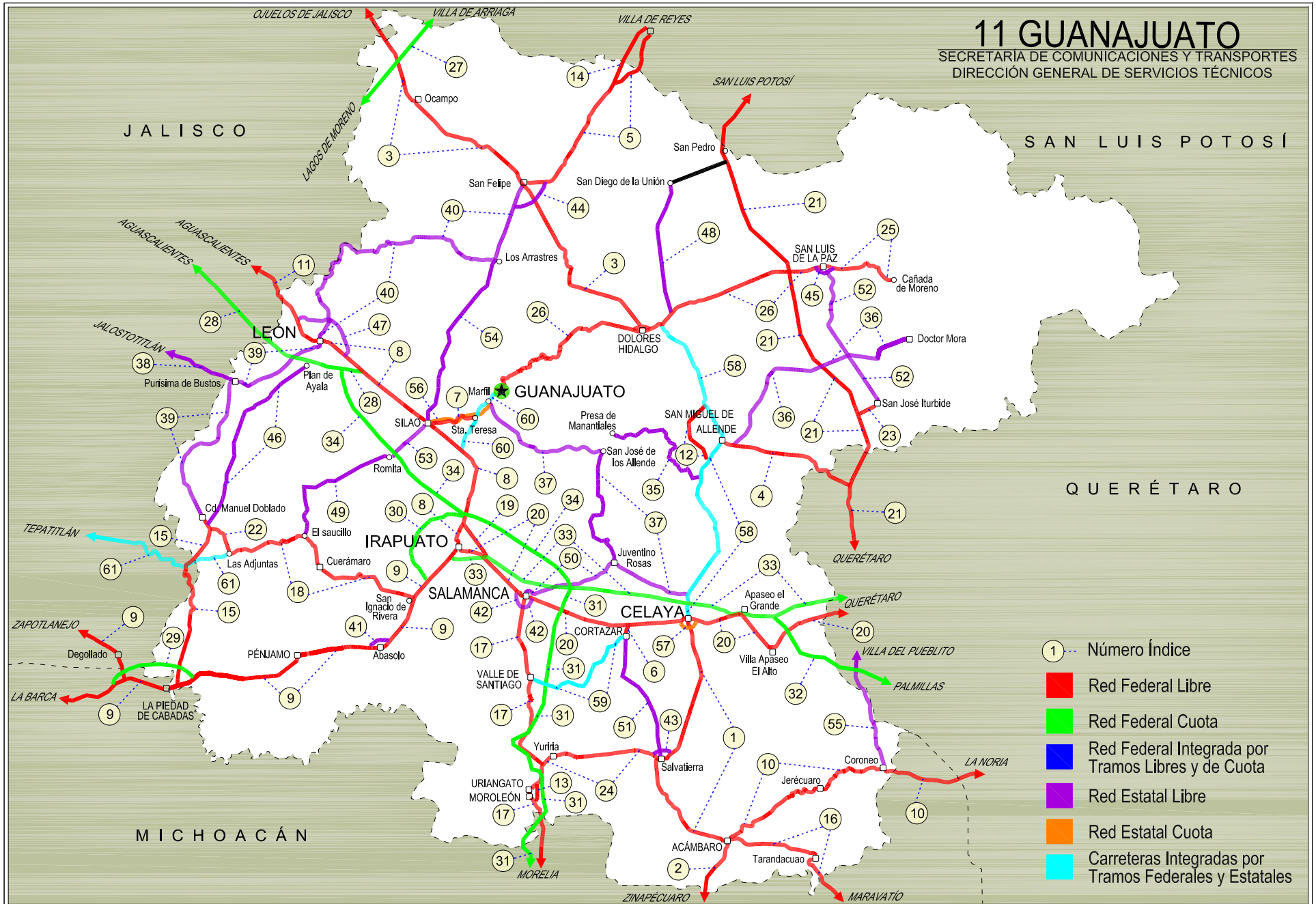
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|----------------------------------|----------|
| 56 Guanajuato - Silao (Cuota)    | GTO-110D |
| 57 Libramiento de Celaya (Cuota) | GTO-D    |

## ---CARRETERAS INTEGRADAS POR TRAMOS FEDERALES Y ESTATALES---

|                                 |             |
|---------------------------------|-------------|
| 58 Celaya - Dolores Hidalgo     | MEX-051-GTO |
| 59 Cortázar - Valle de Santiago | MEX-GTO-017 |
| 60 Guanajuato - Los Infantes    | MEX-110-GTO |
| 61 Tepatitlán - Las Adjuntas    | JAL/MEX-084 |

# 11 GUANAJUATO

SECRETARÍA DE COMUNICACIONES Y TRANSPORTES  
DIRECCIÓN GENERAL DE SERVICIOS TÉCNICOS





GUANAJUATO

1 CARR: Acámbaro - Celaya

CLAVE: 11066

RUTA: MEX-051

AÑO: 2019

| 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    |
| Acámbaro                    | 0.00     | 3  | 1  | 3225  | 1.9                                  | 85.4 | 1.6 | 6.7  | 1.1 | 1.3  | 1.4  | 0.4    | 0.2   | 87.3 | 1.6 | 11.1 | 0.087 | 0.511 | 20.046802   | -100.773426 |
| Acámbaro                    | 0.00     | 3  | 2  | 3402  | 1.5                                  | 84.0 | 1.8 | 7.9  | 1.2 | 1.5  | 1.5  | 0.4    | 0.2   | 85.5 | 1.8 | 12.7 | 0.072 | 0.511 | 20.046684   | -100.773450 |
| T. Izq. Inhamácuaro         | 13.50    | 1  | 0  | 5434  | 3.0                                  | 77.6 | 1.5 | 12.5 | 2.0 | 1.7  | 1.4  | 0.3    | 0.0   | 80.6 | 1.5 | 17.9 | 0.080 | 0.501 | 20.076290   | -100.827425 |
| Salvatierra                 | 33.00    | 3  | 1  | 6372  | 0.9                                  | 85.8 | 1.3 | 5.8  | 1.8 | 2.3  | 1.1  | 0.8    | 0.2   | 86.7 | 1.3 | 12.0 | 0.087 | 0.505 | 20.226240   | -100.853244 |
| Salvatierra                 | 33.00    | 3  | 2  | 6496  | 0.9                                  | 85.8 | 1.3 | 6.0  | 1.7 | 2.3  | 1.0  | 0.8    | 0.2   | 86.7 | 1.3 | 12.0 | 0.094 | 0.505 | 20.226239   | -100.853243 |
| T. Der. Rincón de Tamayo    | 59.60    | 3  | 1  | 12147 | 1.6                                  | 83.3 | 1.5 | 8.9  | 1.4 | 2.1  | 0.8  | 0.3    | 0.1   | 84.9 | 1.5 | 13.6 | 0.078 | 0.503 | 20.431401   | -100.795328 |
| T. Der. Rincón de Tamayo    | 59.60    | 3  | 2  | 12018 | 1.8                                  | 83.5 | 1.4 | 8.8  | 1.3 | 2.1  | 0.7  | 0.3    | 0.1   | 85.3 | 1.4 | 13.3 | 0.085 | 0.503 | 20.431370   | -100.795441 |
| X. C. Libramiento de Celaya | 69.70    | 1  | 1  | 15687 | 1.4                                  | 82.7 | 1.2 | 9.9  | 1.6 | 2.0  | 0.8  | 0.2    | 0.2   | 84.1 | 1.2 | 14.7 | 0.075 | 0.503 | 20.481833   | -100.808653 |
| X. C. Libramiento de Celaya | 69.70    | 1  | 2  | 15489 | 1.3                                  | 82.9 | 1.3 | 9.9  | 1.6 | 2.0  | 0.7  | 0.2    | 0.1   | 84.2 | 1.3 | 14.5 | 0.069 | 0.503 | 20.481917   | -100.808783 |
| Celaya                      | 71.50    |    |    |       |                                      |      |     |      |     |      |      |        |       |      |     |      |       |       |             |             |

2 CARR: Acámbaro - Zinapécuaro

CLAVE: 00417

RUTA: MEX-120

AÑO: 2019

| 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    |
| Acámbaro                          | 0.00     | 3  | 0  | 4574 | 3.9                                  | 80.9 | 1.3 | 8.6 | 1.0 | 3.0  | 0.6  | 0.3    | 0.4   | 84.8 | 1.3 | 13.9 | 0.100 | 0.502 | 19.992760   | -100.735753 |
| Lim. Edos. Term. Gto. Ppia. Mich. | 12.80    |    |    |      |                                      |      |     |     |     |      |      |        |       |      |     |      |       |       |             |             |
| Zinapécuaro                       | 25.00    | 1  | 0  | 5669 | 2.7                                  | 85.5 | 0.6 | 7.2 | 0.5 | 2.4  | 0.6  | 0.1    | 0.4   | 88.2 | 0.6 | 11.2 | 0.071 | 0.505 | 19.876530   | -100.815607 |

3 CARR: Dolores Hidalgo - Ojuelos de Jalisco

CLAVE: 00107

RUTA: MEX-051

AÑO: 2019

| 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    |
| Dolores Hidalgo                         | 0.00     | 3  | 0  | 5028 | 3.1                                  | 72.4 | 2.5 | 15.0 | 2.0 | 3.5  | 1.1  | 0.1    | 0.3   | 75.5 | 2.5 | 22.0 | 0.078 | 0.512 | 21.178869   | -100.948227 |
| X. C. León - San Felipe                 | 51.38    | 1  | 0  | 4836 | 3.3                                  | 72.8 | 2.6 | 14.7 | 1.8 | 3.6  | 0.9  | 0.1    | 0.2   | 76.1 | 2.6 | 21.3 | 0.084 | 0.511 | 21.454076   | -101.199938 |
| X. C. León - San Felipe                 | 51.38    | 3  | 0  | 3581 | 2.3                                  | 74.0 | 1.8 | 14.8 | 2.0 | 3.5  | 1.0  | 0.3    | 0.3   | 76.3 | 1.8 | 21.9 | 0.076 | 0.512 | 21.499107   | -101.235219 |
| T. Izq. Ocampo                          | 87.47    | 3  | 0  | 3132 | 2.3                                  | 74.3 | 1.4 | 15.0 | 1.8 | 3.8  | 0.9  | 0.2    | 0.3   | 76.6 | 1.4 | 22.0 | 0.076 | 0.512 | 21.653860   | -101.475259 |
| Lim. Edos. Term. Gto. Ppia. Jal.        | 104.10   |    |    |      |                                      |      |     |      |     |      |      |        |       |      |     |      |       |       |             |             |
| T. C. San Luis Potosí - Lagos de Moreno | 113.49   | 1  | 0  | 2021 | 5.8                                  | 69.3 | 3.0 | 10.3 | 2.8 | 3.1  | 1.6  | 3.7    | 0.4   | 75.1 | 3.0 | 21.9 | 0.077 | 0.530 | 21.853301   | -101.590938 |

4 CARR: Ent. Buenavista - San Miguel de Allende

CLAVE: 00111

RUTA: MEX-057

AÑO: 2019

| 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. Querétaro - San Luis Potosí | 0.00     | 3  | 0  | 18081 | 1.9                                  | 84.3 | 1.1 | 5.5 | 0.9 | 4.5  | 0.7  | 0.3    | 0.8   | 86.2 | 1.1 | 12.7 | 0.081 | 0.503 | 20.824530   | -100.462905 |

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4 CARR: Ent. Buenavista - San Miguel de Allende

CLAVE: 00111

RUTA: MEX-057

AÑO: 2019

| 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    |
| Lim. Edos. Term. Qro. Ppia. Gto. | 7.91     |    |    |       |                                      |      |     |     |     |      |      |        |       |      |     |      |       |       |             |             |
| T. Izq. Guadalupe                | 12.00    | 1  | 0  | 11070 | 0.7                                  | 85.0 | 1.1 | 6.7 | 1.3 | 3.7  | 0.8  | 0.2    | 0.5   | 85.7 | 1.1 | 13.2 | 0.089 | 0.512 | 20.882395   | -100.568842 |
| San Miguel de Allende            | 35.11    | 1  | 0  | 13217 | 3.7                                  | 82.2 | 1.3 | 6.0 | 1.9 | 3.1  | 0.7  | 0.7    | 0.4   | 85.9 | 1.3 | 12.8 | 0.082 | 0.501 | 20.902236   | -100.708174 |

5 CARR: Ent. de Zaragoza - San Felipe

CLAVE: 00240

RUTA: MEX-037

AÑO: 2019

| 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. Querétaro - San Luis Potosí    | 0.00     | 3  | 0  | 12586 | 0.8                                  | 60.4 | 6.0 | 12.5 | 2.7 | 12.5 | 2.9  | 1.5    | 0.7   | 61.2 | 6.0 | 32.8 | 0.069 | 0.501 | 21.959808   | -100.823965 |
| Lim. Edos. Term. S. L. P. Ppia. Gto. | 32.00    |    |    |       |                                      |      |     |      |     |      |      |        |       |      |     |      |       |       |             |             |
| San Felipe                           | 72.00    | 1  | 0  | 8206  | 4.2                                  | 51.0 | 4.5 | 12.2 | 2.7 | 20.8 | 2.3  | 1.7    | 0.6   | 55.2 | 4.5 | 40.3 | 0.074 | 0.501 | 21.481397   | -101.153356 |

6 CARR: Ent. La Fortaleza - Cortázar

CLAVE: 11017

RUTA: MEX-045

AÑO: 2019

| 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. Querétaro - Irapuato (Libre) | 0.00     | 3  | 1  | 15703 | 4.6                                  | 84.3 | 0.6 | 8.3 | 1.0 | 0.5  | 0.3  | 0.3    | 0.1   | 88.9 | 0.6 | 10.5 | 0.085 | 0.505 | 20.509517   | -100.955339 |
| T. C. Querétaro - Irapuato (Libre) | 0.00     | 3  | 2  | 15413 | 4.3                                  | 84.7 | 0.6 | 8.6 | 0.8 | 0.4  | 0.3  | 0.2    | 0.1   | 89.0 | 0.6 | 10.4 | 0.099 | 0.505 | 20.509623   | -100.955173 |
| Cortazar                           | 2.60     |    |    |       |                                      |      |     |     |     |      |      |        |       |      |     |      |       |       |             |             |

7 CARR: Ent. Santa Teresa - Silao

CLAVE: 11070

RUTA: MEX-110

AÑO: 2019

| 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. Guanajuato - Los Infantes | 0.00     | 3  | 0  | 9315  | 3.6                                  | 86.7 | 1.3 | 7.3 | 0.5 | 0.3  | 0.1  | 0.2    | 0.0   | 90.3 | 1.3 | 8.4 | 0.082 | 0.508 | 20.965374   | -101.321307 |
| X. C. Irapuato - León           | 11.30    | 1  | 1  | 17301 | 1.4                                  | 87.9 | 2.2 | 5.9 | 1.2 | 1.1  | 0.1  | 0.1    | 0.1   | 89.3 | 2.2 | 8.5 | 0.081 | 0.505 | 20.946929   | -101.407829 |
| X. C. Irapuato - León           | 11.30    | 1  | 2  | 17643 | 1.3                                  | 87.4 | 2.4 | 6.3 | 1.2 | 1.1  | 0.1  | 0.1    | 0.1   | 88.7 | 2.4 | 8.9 | 0.089 | 0.505 | 20.946806   | -101.407809 |
| Silao                           | 12.00    | 1  | 1  | 10664 | 7.1                                  | 82.5 | 1.0 | 7.3 | 1.1 | 0.3  | 0.4  | 0.1    | 0.2   | 89.6 | 1.0 | 9.4 | 0.107 | 0.505 | 20.944919   | -101.416156 |
| Silao                           | 12.00    | 1  | 2  | 10892 | 7.1                                  | 82.8 | 1.0 | 7.1 | 1.0 | 0.3  | 0.4  | 0.1    | 0.2   | 89.9 | 1.0 | 9.1 | 0.094 | 0.505 | 20.944954   | -101.416162 |

8 CARR: Irapuato - León

CLAVE: 11123

RUTA: MEX-045

AÑO: 2019

| 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 |
| Irapuato | 0.00     |    |    |      |                                      |   |   |    |    |      |      |        |       |   |   |   |    |   |             |          |

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8 CARR: Irapuato - León

CLAVE: 11123

RUTA: MEX-045

AÑO: 2019

| 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. Der. Nuevo Libramiento                         | 7.46     | 3  | 1  | 33741 | 1.1                                  | 83.4 | 1.7 | 5.5 | 1.6 | 3.6  | 1.3  | 1.4    | 0.4   | 84.5 | 1.7 | 13.8 | 0.119 | 0.504 | 20.741963   | -101.340513 |
| T. Der. Nuevo Libramiento                         | 7.46     | 3  | 2  | 34289 | 1.0                                  | 82.6 | 2.5 | 5.5 | 1.7 | 3.6  | 1.3  | 1.4    | 0.4   | 83.6 | 2.5 | 13.9 | 0.099 | 0.504 | 20.747032   | -101.339481 |
| T. C. Libramiento Norponiente de Irapuato (Cuota) | 9.58     | 3  | 1  | 33363 | 0.8                                  | 78.6 | 2.5 | 6.2 | 2.2 | 5.0  | 2.4  | 1.7    | 0.6   | 79.4 | 2.5 | 18.1 | 0.079 | 0.509 | 20.757969   | -101.336895 |
| T. C. Libramiento Norponiente de Irapuato (Cuota) | 9.58     | 3  | 2  | 34537 | 0.8                                  | 76.9 | 2.6 | 7.0 | 2.6 | 5.3  | 2.5  | 1.7    | 0.6   | 77.7 | 2.6 | 19.7 | 0.090 | 0.509 | 20.758467   | -101.336983 |
| T. C. Guanajuato - Los Infantes                   | 26.44    | 3  | 1  | 30217 | 0.6                                  | 80.1 | 3.1 | 7.5 | 1.4 | 4.7  | 1.2  | 0.8    | 0.6   | 80.7 | 3.1 | 16.2 | 0.067 | 0.506 | 20.894717   | -101.360583 |
| T. C. Guanajuato - Los Infantes                   | 26.44    | 3  | 2  | 29547 | 0.6                                  | 78.8 | 3.9 | 7.4 | 1.7 | 4.7  | 1.3  | 0.9    | 0.7   | 79.4 | 3.9 | 16.7 | 0.070 | 0.506 | 20.895000   | -101.361367 |
| X. C. Santa Teresa - Silao                        | 36.85    | 1  | 1  | 29443 | 0.6                                  | 76.9 | 4.4 | 8.2 | 1.7 | 5.7  | 1.2  | 0.9    | 0.4   | 77.5 | 4.4 | 18.1 | 0.071 | 0.505 | 20.932743   | -101.408308 |
| X. C. Santa Teresa - Silao                        | 36.85    | 1  | 2  | 29410 | 0.6                                  | 74.2 | 4.8 | 9.5 | 1.9 | 6.4  | 1.3  | 0.9    | 0.4   | 74.8 | 4.8 | 20.4 | 0.072 | 0.505 | 20.932683   | -101.408433 |
| X. C. Santa Teresa - Silao                        | 36.85    | 3  | 1  | 44670 | 1.7                                  | 78.4 | 2.4 | 7.2 | 2.3 | 5.6  | 1.3  | 0.8    | 0.3   | 80.1 | 2.4 | 17.5 | 0.072 | 0.508 | 20.954858   | -101.417940 |
| X. C. Santa Teresa - Silao                        | 36.85    | 3  | 2  | 43644 | 1.9                                  | 77.7 | 2.5 | 7.3 | 2.3 | 5.7  | 1.4  | 0.9    | 0.3   | 79.6 | 2.5 | 17.9 | 0.078 | 0.508 | 20.954745   | -101.417947 |
| T. Der. Aeropuerto                                | 57.77    | 3  | 1  | 44184 | 2.0                                  | 81.0 | 3.4 | 5.1 | 1.8 | 3.6  | 1.2  | 0.9    | 1.0   | 83.0 | 3.4 | 13.6 | 0.081 | 0.507 | 20.982850   | -101.482180 |
| T. Der. Aeropuerto                                | 57.77    | 3  | 2  | 44724 | 2.0                                  | 81.0 | 3.4 | 5.1 | 1.8 | 3.6  | 1.2  | 0.9    | 1.0   | 83.0 | 3.4 | 13.6 | 0.092 | 0.507 | 20.982679   | -101.482303 |
| T. Der: Puerto Interior                           | 61.00    | 3  | 1  | 38676 | 1.9                                  | 76.6 | 2.7 | 7.8 | 2.3 | 5.9  | 1.4  | 1.0    | 0.4   | 78.5 | 2.7 | 18.8 | 0.083 | 0.503 | 21.010662   | -101.521646 |
| T. Der: Puerto Interior                           | 61.00    | 3  | 2  | 39152 | 1.4                                  | 82.1 | 2.1 | 6.1 | 1.8 | 4.0  | 1.0  | 1.1    | 0.4   | 83.5 | 2.1 | 14.4 | 0.099 | 0.503 | 21.010661   | -101.521645 |
| León                                              | 68.99    | 1  | 1  | 43747 | 1.0                                  | 85.5 | 1.7 | 5.3 | 1.5 | 3.3  | 0.9  | 0.4    | 0.4   | 86.5 | 1.7 | 11.8 | 0.078 | 0.507 | 21.057154   | -101.579697 |
| León                                              | 68.99    | 1  | 2  | 47602 | 1.3                                  | 86.0 | 1.5 | 5.4 | 1.7 | 2.7  | 0.8  | 0.3    | 0.3   | 87.3 | 1.5 | 11.2 | 0.083 | 0.507 | 21.057235   | -101.579615 |
| T. Izq. Santa Ana del Conde                       | 69.00    | 1  | 1  | 40644 | 1.0                                  | 84.8 | 1.8 | 5.7 | 1.6 | 3.4  | 0.9  | 0.4    | 0.4   | 85.8 | 1.8 | 12.4 | 0.081 | 0.501 | 21.039247   | -101.557233 |
| T. Izq. Santa Ana del Conde                       | 69.00    | 1  | 2  | 40851 | 1.0                                  | 84.7 | 1.8 | 5.7 | 1.6 | 3.4  | 1.0  | 0.4    | 0.4   | 85.7 | 1.8 | 12.5 | 0.087 | 0.501 | 21.039095   | -101.557310 |

9 CARR: Irapuato - Zapotlanejo

CLAVE: 00114

RUTA: MEX-090

AÑO: 2019

| 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    |
| Irapuato                                          | 0.00     |    |    |       |                                      |      |     |      |     |      |      |        |       |      |     |      |       |       |             |             |
| T. Izq. Querétaro - Irapuato (Cuota)              | 2.78     | 1  | 1  | 24662 | 3.9                                  | 86.1 | 0.7 | 6.6  | 1.0 | 0.8  | 0.6  | 0.1    | 0.2   | 90.0 | 0.7 | 9.3  | 0.088 | 0.508 | 20.653365   | -101.370776 |
| T. Izq. Querétaro - Irapuato (Cuota)              | 2.78     | 1  | 2  | 24063 | 4.4                                  | 86.9 | 0.8 | 5.2  | 1.1 | 0.8  | 0.5  | 0.1    | 0.2   | 91.3 | 0.8 | 7.9  | 0.072 | 0.508 | 20.653275   | -101.370618 |
| T. Izq. Querétaro - Irapuato (Cuota)              | 2.78     | 3  | 1  | 25888 | 1.9                                  | 74.1 | 2.7 | 9.1  | 2.9 | 6.3  | 1.3  | 1.5    | 0.2   | 76.0 | 2.7 | 21.3 | 0.071 | 0.504 | 20.643455   | -101.378740 |
| T. Izq. Querétaro - Irapuato (Cuota)              | 2.78     | 3  | 2  | 25438 | 1.7                                  | 69.9 | 2.6 | 10.6 | 3.5 | 7.9  | 1.6  | 1.9    | 0.3   | 71.6 | 2.6 | 25.8 | 0.064 | 0.504 | 20.643544   | -101.378899 |
| T. C. Libramiento Norponiente de Irapuato (Cuota) | 11.00    | 3  | 1  | 17099 | 1.0                                  | 67.7 | 3.7 | 11.4 | 2.8 | 8.0  | 2.3  | 2.2    | 0.9   | 68.7 | 3.7 | 27.6 | 0.080 | 0.503 | 20.588935   | -101.427086 |
| T. C. Libramiento Norponiente de Irapuato (Cuota) | 11.00    | 3  | 2  | 16886 | 1.0                                  | 65.2 | 4.0 | 12.3 | 2.9 | 8.6  | 2.5  | 2.6    | 0.9   | 66.2 | 4.0 | 29.8 | 0.073 | 0.503 | 20.588830   | -101.427022 |
| T. Der. Cuerámaro                                 | 15.00    | 3  | 1  | 15172 | 1.1                                  | 68.2 | 3.9 | 9.7  | 3.7 | 9.0  | 1.9  | 2.3    | 0.2   | 69.3 | 3.9 | 26.8 | 0.086 | 0.515 | 20.558116   | -101.450120 |
| T. Der. Cuerámaro                                 | 15.00    | 3  | 2  | 14304 | 1.3                                  | 64.4 | 4.6 | 11.8 | 4.0 | 9.3  | 2.0  | 2.3    | 0.3   | 65.7 | 4.6 | 29.7 | 0.071 | 0.515 | 20.558063   | -101.450007 |
| Abasolo                                           | 30.00    | 1  | 1  | 13369 | 1.1                                  | 65.5 | 4.7 | 9.0  | 3.5 | 10.8 | 2.5  | 2.4    | 0.5   | 66.6 | 4.7 | 28.7 | 0.064 | 0.504 | 20.473646   | -101.501778 |
| Abasolo                                           | 30.00    | 1  | 2  | 13606 | 1.3                                  | 63.0 | 4.8 | 10.4 | 4.0 | 10.9 | 2.6  | 2.6    | 0.4   | 64.3 | 4.8 | 30.9 | 0.063 | 0.504 | 20.473460   | -101.501805 |
| Abasolo                                           | 30.00    | 3  | 1  | 10581 | 2.3                                  | 57.0 | 5.4 | 12.5 | 4.1 | 12.9 | 3.0  | 2.4    | 0.4   | 59.3 | 5.4 | 35.3 | 0.076 | 0.515 | 20.450931   | -101.555633 |

GUANAJUATO

9 CARR: Irapuato - Zapotlanejo

CLAVE: 00114

ruta: MEX-090

AÑO: 2019

| 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    |
| Abasolo                             | 30.00    | 3  | 2  | 11240 | 2.0                                  | 61.2 | 4.4 | 10.2 | 3.9 | 12.6 | 2.5  | 2.8    | 0.4   | 63.2 | 4.4 | 32.4 | 0.069 | 0.515 | 20.450774   | -101.555656 |
| Pénjamo                             | 50.65    | 1  | 1  | 10439 | 2.7                                  | 58.8 | 5.8 | 10.1 | 3.6 | 12.9 | 2.7  | 3.1    | 0.3   | 61.5 | 5.8 | 32.7 | 0.077 | 0.512 | 20.436659   | -101.693012 |
| Pénjamo                             | 50.65    | 1  | 2  | 10943 | 2.5                                  | 59.6 | 4.5 | 9.9  | 3.9 | 13.6 | 2.4  | 3.3    | 0.3   | 62.1 | 4.5 | 33.4 | 0.072 | 0.512 | 20.436795   | -101.693041 |
| Pénjamo                             | 50.65    | 3  | 1  | 11506 | 3.1                                  | 65.6 | 4.0 | 9.5  | 3.0 | 9.6  | 2.0  | 2.8    | 0.4   | 68.7 | 4.0 | 27.3 | 0.062 | 0.523 | 20.412772   | -101.733326 |
| Pénjamo                             | 50.65    | 3  | 2  | 10495 | 3.3                                  | 63.8 | 3.8 | 9.3  | 3.5 | 10.5 | 2.5  | 2.9    | 0.4   | 67.1 | 3.8 | 29.1 | 0.061 | 0.523 | 20.412661   | -101.733281 |
| T. Der. Manuel Doblado              | 83.87    | 1  | 0  | 14693 | 2.2                                  | 74.1 | 3.0 | 11.7 | 2.6 | 5.0  | 1.0  | 0.2    | 0.2   | 76.3 | 3.0 | 20.7 | 0.068 | 0.529 | 20.361896   | -101.993938 |
| Lim. Edos. Term. Gto. Ppia. Mich.   | 85.01    |    |    |       |                                      |      |     |      |     |      |      |        |       |      |     |      |       |       |             |             |
| La Piedad                           | 87.00    | 3  | 1  | 8044  | 2.4                                  | 76.8 | 2.2 | 10.4 | 2.2 | 4.5  | 0.9  | 0.3    | 0.3   | 79.2 | 2.2 | 18.6 | 0.075 | 0.504 | 20.359165   | -102.068466 |
| La Piedad                           | 87.00    | 3  | 2  | 7903  | 2.5                                  | 74.8 | 2.5 | 12.0 | 2.1 | 4.6  | 0.9  | 0.2    | 0.4   | 77.3 | 2.5 | 20.2 | 0.076 | 0.504 | 20.358976   | -102.068576 |
| T. Izq. Yurécuaro                   | 100.00   | 3  | 0  | 5690  | 2.4                                  | 75.6 | 2.7 | 11.5 | 2.3 | 4.0  | 1.1  | 0.1    | 0.3   | 78.0 | 2.7 | 19.3 | 0.085 | 0.504 | 20.380109   | -102.121998 |
| Lim. Edos. Term. Mich. Ppia. Jal.   | 102.10   |    |    |       |                                      |      |     |      |     |      |      |        |       |      |     |      |       |       |             |             |
| Degollado                           | 105.40   | 1  | 0  | 7660  | 3.9                                  | 74.9 | 2.4 | 10.2 | 2.2 | 4.6  | 1.1  | 0.2    | 0.5   | 78.8 | 2.4 | 18.8 | 0.078 | 0.503 | 20.430377   | -102.129172 |
| Ayotlán                             | 134.00   | 1  | 0  | 6931  | 4.5                                  | 75.3 | 1.9 | 10.0 | 1.6 | 5.1  | 0.9  | 0.2    | 0.5   | 79.8 | 1.9 | 18.3 | 0.084 | 0.530 | 20.518361   | -102.326320 |
| Atotonilco El Alto                  | 157.00   | 1  | 0  | 5983  | 3.7                                  | 75.5 | 2.3 | 11.0 | 2.5 | 3.4  | 1.1  | 0.2    | 0.3   | 79.2 | 2.3 | 18.5 | 0.077 | 0.501 | 20.561917   | -102.451994 |
| Atotonilco El Alto                  | 157.00   | 3  | 1  | 8361  | 1.6                                  | 83.1 | 1.7 | 6.3  | 1.7 | 4.1  | 0.9  | 0.2    | 0.4   | 84.7 | 1.7 | 13.6 | 0.070 | 0.510 | 20.543512   | -102.527332 |
| Atotonilco El Alto                  | 157.00   | 3  | 2  | 8712  | 1.6                                  | 82.2 | 1.8 | 6.9  | 1.8 | 4.1  | 1.1  | 0.2    | 0.3   | 83.8 | 1.8 | 14.4 | 0.063 | 0.510 | 20.543471   | -102.527182 |
| X. C. San Miguel El Alto - La Barca | 158.60   | 3  | 0  | 11880 | 2.7                                  | 77.6 | 1.8 | 6.9  | 3.6 | 5.4  | 1.2  | 0.4    | 0.4   | 80.3 | 1.8 | 17.9 | 0.076 | 0.527 | 20.539582   | -102.542525 |
| T. Izq. Ocotlán                     | 188.00   | 1  | 0  | 12337 | 2.5                                  | 77.3 | 1.8 | 8.7  | 3.0 | 4.5  | 1.3  | 0.3    | 0.6   | 79.8 | 1.8 | 18.4 | 0.073 | 0.511 | 20.549396   | -102.774919 |
| T. Der. Libramiento Zapotlanejo     | 215.80   | 1  | 0  | 10977 | 6.1                                  | 74.7 | 1.3 | 8.4  | 2.4 | 4.8  | 1.4  | 0.4    | 0.5   | 80.8 | 1.3 | 17.9 | 0.076 | 0.501 | 20.621840   | -103.043058 |
| T. Der. Libramiento Zapotlanejo     | 215.80   | 3  | 1  | 7198  | 24.0                                 | 68.8 | 0.4 | 4.5  | 0.1 | 1.0  | 1.0  | 0.0    | 0.2   | 92.8 | 0.4 | 6.8  | 0.079 | 0.524 | 20.622413   | -103.058193 |
| T. Der. Libramiento Zapotlanejo     | 215.80   | 3  | 2  | 6543  | 24.5                                 | 68.0 | 0.5 | 5.0  | 0.1 | 0.9  | 0.8  | 0.0    | 0.2   | 92.5 | 0.5 | 7.0  | 0.083 | 0.524 | 20.622305   | -103.058193 |
| Zapotlanejo                         | 217.60   |    |    |       |                                      |      |     |      |     |      |      |        |       |      |     |      |       |       |             |             |

10 CARR: La Noria - Acámbaro

CLAVE: 00131

ruta: MEX-120

AÑO: 2019

| 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    |
| La Noria                          | 0.00     | 3  | 0  | 9599 | 2.2                                  | 80.3 | 1.6 | 9.9 | 1.5 | 3.6  | 0.7  | 0.2    | 0.0   | 82.5 | 1.6 | 15.9 | 0.091 | 0.505 | 20.438042   | -100.074444 |
| Amealco                           | 34.66    | 1  | 0  | 6291 | 2.4                                  | 81.2 | 1.9 | 9.5 | 1.2 | 2.9  | 0.7  | 0.2    | 0.0   | 83.6 | 1.9 | 14.5 | 0.093 | 0.502 | 20.199406   | -100.150006 |
| Amealco                           | 34.66    | 3  | 0  | 5533 | 2.6                                  | 85.0 | 1.3 | 6.2 | 0.9 | 2.9  | 0.9  | 0.2    | 0.0   | 87.6 | 1.3 | 11.1 | 0.101 | 0.506 | 20.186991   | -100.154949 |
| Lim. Edos. Term. Qro. Ppia. Mich. | 39.15    |    |    |      |                                      |      |     |     |     |      |      |        |       |      |     |      |       |       |             |             |
| Lim. Edos. Term. Mich. Ppia. Gto. | 55.90    |    |    |      |                                      |      |     |     |     |      |      |        |       |      |     |      |       |       |             |             |
| Coroneo                           | 59.35    | 3  | 0  | 2235 | 2.9                                  | 82.1 | 2.2 | 8.9 | 0.9 | 1.4  | 1.2  | 0.3    | 0.1   | 85.0 | 2.2 | 12.8 | 0.084 | 0.543 | 20.194964   | -100.375990 |
| Jerécuaro                         | 79.70    | 3  | 0  | 3010 | 3.7                                  | 82.7 | 1.2 | 9.6 | 0.7 | 1.3  | 0.6  | 0.1    | 0.1   | 86.4 | 1.2 | 12.4 | 0.081 | 0.503 | 20.144216   | -100.539495 |
| Acámbaro                          | 111.12   | 1  | 0  | 6810 | 6.5                                  | 80.8 | 0.6 | 7.9 | 0.7 | 2.7  | 0.7  | 0.1    | 0.0   | 87.3 | 0.6 | 12.1 | 0.079 | 0.501 | 20.050708   | -100.699349 |

GUANAJUATO

11 CARR: León - Aguascalientes

CLAVE: 00167

RUTA: MEX-045

AÑO: 2019

| 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    |
| León                                       | 0.00     |    |    |       |                                      |      |     |      |     |      |      |        |       |      |             |      |       |       |           |             |
| T. Der. Libramiento de León                | 11.00    | 1  | 1  | 15056 | 2.5                                  | 84.1 | 1.4 | 7.6  | 1.8 | 1.4  | 0.6  | 0.2    | 0.4   | 86.6 | 1.4         | 12.0 | 0.082 | 0.506 | 21.165358 | -101.727973 |
| T. Der. Libramiento de León                | 11.00    | 1  | 2  | 14727 | 2.9                                  | 84.6 | 1.3 | 7.2  | 1.7 | 1.4  | 0.5  | 0.1    | 0.3   | 87.5 | 1.3         | 11.2 | 0.089 | 0.506 | 21.165373 | -101.727965 |
| T. Der. Libramiento de León                | 11.00    | 3  | 1  | 11394 | 2.0                                  | 86.9 | 0.9 | 6.0  | 1.4 | 1.8  | 0.6  | 0.2    | 0.2   | 88.9 | 0.9         | 10.2 | 0.075 | 0.503 | 21.173664 | -101.736446 |
| T. Der. Libramiento de León                | 11.00    | 3  | 2  | 11530 | 2.0                                  | 87.0 | 0.9 | 5.9  | 1.4 | 1.8  | 0.6  | 0.2    | 0.2   | 89.0 | 0.9         | 10.1 | 0.098 | 0.503 | 21.173738 | -101.736356 |
| T. Izq. Centro de León                     | 12.00    | 3  | 1  | 9984  | 2.1                                  | 86.1 | 1.5 | 4.8  | 1.8 | 2.6  | 0.7  | 0.2    | 0.2   | 88.2 | 1.5         | 10.3 | 0.080 | 0.507 | 21.198511 | -101.752788 |
| T. Izq. Centro de León                     | 12.00    | 3  | 2  | 9720  | 2.1                                  | 85.6 | 1.6 | 4.9  | 1.9 | 2.7  | 0.8  | 0.2    | 0.2   | 87.7 | 1.6         | 10.7 | 0.091 | 0.507 | 21.198527 | -101.752778 |
| Lim. Edos. Term. Gto. Ppia. Jal.           | 17.88    |    |    |       |                                      |      |     |      |     |      |      |        |       |      |             |      |       |       |           |             |
| X. C. San Luis Potosí - Lagos de Moreno    | 44.18    | 1  | 1  | 9699  | 5.0                                  | 77.8 | 2.3 | 7.8  | 2.6 | 2.9  | 0.8  | 0.3    | 0.5   | 82.8 | 2.3         | 14.9 | 0.084 | 0.508 | 21.367460 | -101.900701 |
| X. C. San Luis Potosí - Lagos de Moreno    | 44.18    | 1  | 2  | 10034 | 5.8                                  | 76.1 | 2.3 | 8.3  | 2.7 | 3.2  | 0.8  | 0.3    | 0.5   | 81.9 | 2.3         | 15.8 | 0.081 | 0.508 | 21.367459 | -101.900702 |
| T. Izq. Libramiento Lagos de Moreno        | 48.70    | 1  | 0  | 7693  | 2.2                                  | 82.0 | 2.4 | 8.5  | 3.5 | 0.7  | 0.4  | 0.1    | 0.2   | 84.2 | 2.4         | 13.4 | 0.086 | 0.513 | 21.368200 | -101.958394 |
| T. Izq. Libramiento Lagos de Moreno        | 48.70    | 3  | 0  | 8348  | 6.2                                  | 74.1 | 1.5 | 8.0  | 3.9 | 4.3  | 1.5  | 0.4    | 0.1   | 80.3 | 1.5         | 18.2 | 0.069 | 0.515 | 21.374315 | -101.964455 |
| T. Der. El Destierro                       | 80.80    | 1  | 0  | 5241  | 1.6                                  | 69.9 | 2.1 | 12.0 | 4.7 | 6.9  | 1.7  | 0.8    | 0.3   | 71.5 | 2.1         | 26.4 | 0.063 | 0.508 | 21.499620 | -102.192550 |
| Encarnación de Díaz                        | 88.20    | 1  | 0  | 7535  | 2.0                                  | 75.0 | 1.8 | 11.3 | 3.4 | 4.3  | 1.4  | 0.5    | 0.3   | 77.0 | 1.8         | 21.2 | 0.063 | 0.504 | 21.501500 | -102.206710 |
| T. Izq. Libramiento de Encarnación de Díaz | 89.18    | 1  | 1  | 1802  | 7.5                                  | 86.2 | 0.5 | 5.2  | 0.3 | 0.2  | 0.1  | 0.0    | 0.0   | 93.7 | 0.5         | 5.8  | 0.084 | 0.503 | 21.535540 | -102.239780 |
| T. Izq. Libramiento de Encarnación de Díaz | 89.18    | 1  | 2  | 1824  | 8.0                                  | 85.4 | 0.4 | 5.6  | 0.3 | 0.2  | 0.1  | 0.0    | 0.0   | 93.4 | 0.4         | 6.2  | 0.064 | 0.503 | 21.535540 | -102.239780 |
| T. Izq. Libramiento de Encarnación de Díaz | 89.18    | 3  | 0  | 11374 | 5.5                                  | 67.7 | 3.5 | 10.6 | 3.4 | 5.9  | 2.2  | 0.7    | 0.5   | 73.2 | 3.5         | 23.3 | 0.064 | 0.516 | 21.551060 | -102.244050 |
| T. C. León - Aguascalientes (Cuota)        | 99.44    | 3  | 1  | 14231 | 0.8                                  | 69.3 | 4.8 | 6.4  | 2.8 | 8.9  | 2.6  | 3.6    | 0.8   | 70.1 | 4.8         | 25.1 | 0.081 | 0.530 | 21.627480 | -102.275520 |
| T. C. León - Aguascalientes (Cuota)        | 99.44    | 3  | 2  | 12598 | 1.1                                  | 65.9 | 5.4 | 7.7  | 2.8 | 9.8  | 2.7  | 3.8    | 0.8   | 67.0 | 5.4         | 27.6 | 0.072 | 0.530 | 21.627480 | -102.275520 |
| Lim. Edos. Term. Jal. Ppia. Ags.           | 103.30   |    |    |       |                                      |      |     |      |     |      |      |        |       |      |             |      |       |       |           |             |
| T. Izq. Aeropuerto de Aguascalientes       | 110.15   | 1  | 1  | 15811 | 0.6                                  | 70.8 | 4.9 | 6.3  | 2.5 | 8.3  | 2.3  | 3.4    | 0.9   | 71.4 | 4.9         | 23.7 | 0.081 | 0.529 | 21.711850 | -102.278880 |
| T. Izq. Aeropuerto de Aguascalientes       | 110.15   | 1  | 2  | 14078 | 1.0                                  | 66.4 | 5.1 | 7.4  | 2.8 | 9.8  | 2.8  | 3.9    | 0.8   | 67.4 | 5.1         | 27.5 | 0.071 | 0.529 | 21.711850 | -102.278880 |
| T. Izq. Aeropuerto de Aguascalientes       | 110.15   | 3  | 1  | 19083 | 0.8                                  | 77.8 | 3.3 | 6.0  | 1.6 | 5.6  | 2.2  | 2.0    | 0.7   | 78.6 | 3.3         | 18.1 | 0.086 | 0.501 | 21.730500 | -102.276660 |
| T. Izq. Aeropuerto de Aguascalientes       | 110.15   | 3  | 2  | 18973 | 0.9                                  | 75.3 | 3.7 | 6.9  | 1.8 | 5.7  | 2.6  | 2.2    | 0.9   | 76.2 | 3.7         | 20.1 | 0.081 | 0.501 | 21.730500 | -102.276660 |
| Libramiento Poniente de Aguascalientes     | 116.50   | 1  | 1  | 26474 | 1.3                                  | 76.2 | 3.4 | 7.2  | 2.6 | 5.7  | 1.4  | 1.8    | 0.4   | 77.5 | 3.4         | 19.1 | 0.098 | 0.502 | 21.761050 | -102.277370 |
| Libramiento Poniente de Aguascalientes     | 116.50   | 1  | 2  | 26364 | 1.5                                  | 74.1 | 3.9 | 7.3  | 2.7 | 6.4  | 1.6  | 2.1    | 0.4   | 75.6 | 3.9         | 20.5 | 0.107 | 0.502 | 21.761050 | -102.277370 |
| Libramiento Poniente de Aguascalientes     | 116.50   | 3  | 1  | 20705 | 1.1                                  | 80.0 | 4.3 | 7.7  | 1.8 | 3.3  | 0.8  | 0.7    | 0.3   | 81.1 | 4.3         | 14.6 | 0.097 | 0.511 | 21.779830 | -102.279680 |
| Libramiento Poniente de Aguascalientes     | 116.50   | 3  | 2  | 21651 | 1.2                                  | 78.5 | 4.3 | 8.6  | 2.0 | 3.4  | 0.9  | 0.7    | 0.4   | 79.7 | 4.3         | 16.0 | 0.101 | 0.511 | 21.779830 | -102.279680 |
| T. Der. Estación Arellano (Lateral)        | 118.40   | 3  | 1  | 17817 | 1.9                                  | 80.2 | 3.5 | 7.2  | 2.2 | 3.0  | 0.9  | 0.7    | 0.4   | 82.1 | 3.5         | 14.4 | 0.095 | 0.506 | 21.802700 | -102.283310 |
| T. Der. Estación Arellano (Central)        | 118.40   | 3  | 1  | 9741  | 4.3                                  | 79.4 | 3.4 | 6.2  | 1.7 | 3.1  | 0.8  | 0.6    | 0.5   | 83.7 | 3.4         | 12.9 | 0.100 | 0.506 | 21.802700 | -102.283320 |
| T. Der. Estación Arellano (Lateral)        | 118.40   | 3  | 2  | 1303  | 5.8                                  | 78.9 | 2.1 | 4.0  | 4.0 | 2.1  | 0.5  | 2.1    | 0.5   | 84.7 | 2.1         | 13.2 | 0.103 | 0.506 | 21.802870 | -102.283930 |
| T. Der. Estación Arellano (Central)        | 118.40   | 3  | 2  | 25584 | 2.8                                  | 81.0 | 3.7 | 5.8  | 1.5 | 3.5  | 0.5  | 0.6    | 0.6   | 83.8 | 3.7         | 12.5 | 0.094 | 0.506 | 21.802870 | -102.283930 |
| Aguascalientes                             | 129.18   | 1  | 1  | 30798 | 1.3                                  | 82.4 | 3.2 | 7.9  | 1.5 | 2.5  | 0.5  | 0.5    | 0.2   | 83.7 | 3.2         | 13.1 | 0.095 | 0.510 | 21.823540 | -102.287040 |
| Aguascalientes                             | 129.18   | 1  | 2  | 32114 | 1.1                                  | 80.8 | 3.6 | 8.9  | 1.7 | 2.7  | 0.5  | 0.5    | 0.2   | 81.9 | 3.6         | 14.5 | 0.101 | 0.510 | 21.823540 | -102.287040 |

GUANAJUATO

12 CARR: Libramiento de San Miguel de Allende

CLAVE:

RUTA: MEX-057

AÑO: 2019

| 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. Buenavista - San Miguel de Allende    | 0.00            |    | 3  | 0    | 13196                                                                   | 4.4 | 80.8 | 1.4 | 6.5 | 1.2  | 3.3  | 1.0    | 0.7   | 0.7 | 85.2 | 1.4 | 13.4 | 0.087 | 0.512                 | 20.898095 | -100.745979 |
| X. C. Celaya - Dolores Hidalgo              | 3.51            |    | 3  | 1    | 20076                                                                   | 3.4 | 84.9 | 1.2 | 7.8 | 0.6  | 0.9  | 0.9    | 0.1   | 0.2 | 88.3 | 1.2 | 10.5 | 0.073 | 0.521                 | 20.903020 | -100.755060 |
| X. C. Celaya - Dolores Hidalgo              | 3.51            |    | 3  | 2    | 21879                                                                   | 4.5 | 83.7 | 1.2 | 7.9 | 0.5  | 0.9  | 0.9    | 0.1   | 0.3 | 88.2 | 1.2 | 10.6 | 0.078 | 0.521                 | 20.903021 | -100.755170 |
| X. C. San Miguel de Allende - La Cienegueta | 5.83            |    | 3  | 1    | 18273                                                                   | 4.1 | 86.2 | 1.0 | 5.5 | 0.5  | 1.3  | 1.0    | 0.1   | 0.3 | 90.3 | 1.0 | 8.7  | 0.067 | 0.544                 | 20.921310 | -100.761415 |
| X. C. San Miguel de Allende - La Cienegueta | 5.83            |    | 3  | 2    | 21781                                                                   | 3.9 | 87.9 | 0.8 | 4.6 | 0.5  | 1.0  | 0.9    | 0.1   | 0.3 | 91.8 | 0.8 | 7.4  | 0.069 | 0.544                 | 20.921369 | -100.761501 |

13 CARR: Libramiento de Uriangato

CLAVE:

RUTA: MEX-043

AÑO: 2019

| 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. Morelia - Salamanca Sur   | 0.00            |    |    |      |                                                                         |     |      |     |      |      |      |        |       |     |      |     |      |       |                       |           |             |
| T. Izq. Uriangato               | 4.80            |    | 1  | 0    | 11262                                                                   | 3.1 | 71.5 | 3.5 | 10.1 | 3.5  | 3.9  | 1.9    | 1.4   | 1.1 | 74.6 | 3.5 | 21.9 | 0.066 | 0.502                 | 20.137190 | -101.157335 |
| T. Izq. Uriangato               | 4.80            |    | 3  | 0    | 12458                                                                   | 2.9 | 74.0 | 3.2 | 10.3 | 2.9  | 3.6  | 1.5    | 0.9   | 0.7 | 76.9 | 3.2 | 19.9 | 0.071 | 0.509                 | 20.149174 | -101.158424 |
| T. C. Morelia - Salamanca Norte | 6.80            |    |    |      |                                                                         |     |      |     |      |      |      |        |       |     |      |     |      |       |                       |           |             |

14 CARR: Libramiento de Villa de Reyes (Poniente)

CLAVE:

RUTA: MEX-037

AÑO: 2019

| 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. Zaragoza - San Felipe Sur   | 125.60          |    |    |      |                                                                   |     |      |     |      |      |      |        |       |     |      |     |      |       |                       |                       |
| Lim. Edos. Term. Gto. Ppia. S. L. P.   | 132.90          |    |    |      |                                                                   |     |      |     |      |      |      |        |       |     |      |     |      |       |                       |                       |
| T. C. Ent. Zaragoza - San Felipe Norte | 143.64          |    | 1  | 0    | 7090                                                              | 2.4 | 58.3 | 3.2 | 12.6 | 2.9  | 18.0 | 1.5    | 0.8   | 0.3 | 60.7 | 3.2 | 36.1 | 0.074 | 0.508                 | 21.820751 -100.939218 |

15 CARR: Manuel Doblado - La Piedad

CLAVE: 11028

RUTA: MEX-084

AÑO: 2019

| 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  |             |
| Manuel Doblado                   | 0.00            |    | 3  | 0    | 6595                                                              | 6.4 | 75.4 | 1.3 | 13.6 | 1.8  | 0.8  | 0.4    | 0.2   | 0.1 | 81.8 | 1.3 | 16.9 | 0.080 | 0.515                 | 20.714238 | -101.938615 |
| Lim. Edos. Term. Gto. Ppia. Jal. | 11.00           |    |    |      |                                                                   |     |      |     |      |      |      |        |       |     |      |     |      |       |                       |           |             |
| Lim. Edos. Term. Jal. Ppia. Gto. | 23.00           |    |    |      |                                                                   |     |      |     |      |      |      |        |       |     |      |     |      |       |                       |           |             |
| T. Der. San José de La Paz       | 29.00           |    | 1  | 0    | 2103                                                              | 2.8 | 71.9 | 2.1 | 16.7 | 2.9  | 2.3  | 0.9    | 0.3   | 0.1 | 74.7 | 2.1 | 23.2 | 0.096 | 0.518                 | 20.593130 | -101.978895 |
| T. Der. San José de La Paz       | 29.00           |    | 3  | 0    | 2188                                                              | 1.4 | 69.3 | 2.6 | 18.2 | 3.7  | 3.3  | 1.1    | 0.3   | 0.1 | 70.7 | 2.6 | 26.7 | 0.090 | 0.536                 | 20.581390 | -101.976999 |
| T. C. Irapuato - Guadalajara     | 45.00           |    | 1  | 0    | 8742                                                              | 5.3 | 77.6 | 0.6 | 12.8 | 1.9  | 1.1  | 0.5    | 0.1   | 0.1 | 82.9 | 0.6 | 16.5 | 0.078 | 0.503                 | 20.360996 | -102.002869 |

GUANAJUATO

16 CARR: Maravatio - Acámbaro

CLAVE: 00418

RUTA: MEX-061

AÑO: 2019

| 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    |
| Maravatio                         | 0.00     | 3  | 0  | 7006 | 2.2                                  | 86.0 | 0.6 | 5.8  | 1.4 | 2.4  | 1.2  | 0.2    | 0.2   | 88.2 | 0.6 | 11.2 | 0.086 | 0.501 | 19.922030   | -100.469456 |
| Lim. Edos. Term. Mich. Ppia. Gto. | 9.00     |    |    |      |                                      |      |     |      |     |      |      |        |       |      |     |      |       |       |             |             |
| Tarandacuao                       | 13.00    | 3  | 0  | 4720 | 3.7                                  | 79.5 | 1.8 | 11.4 | 1.5 | 0.9  | 0.8  | 0.3    | 0.1   | 83.2 | 1.8 | 15.0 | 0.080 | 0.512 | 20.015625   | -100.543652 |
| Acámbaro                          | 39.00    | 1  | 0  | 6261 | 4.5                                  | 80.1 | 1.2 | 9.2  | 1.3 | 2.4  | 0.6  | 0.3    | 0.4   | 84.6 | 1.2 | 14.2 | 0.073 | 0.502 | 20.030517   | -100.687248 |

17 CARR: Morelia - Salamanca

CLAVE: 00124

RUTA: MEX-043

AÑO: 2019

| 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    |
| Morelia                           | 0.00     |    |    |       |                                      |      |     |      |     |      |      |        |       |      |     |      |       |       |             |             |
| X. Periférico de Morelia          | 2.70     | 3  | 1  | 41407 | 1.3                                  | 85.7 | 1.7 | 5.5  | 1.4 | 2.3  | 0.9  | 0.9    | 0.3   | 87.0 | 1.7 | 11.3 | 0.083 | 0.504 | 19.744087   | -101.175355 |
| X. Periférico de Morelia          | 2.70     | 3  | 2  | 41905 | 1.4                                  | 84.7 | 1.8 | 5.8  | 1.5 | 2.6  | 1.0  | 0.9    | 0.3   | 86.1 | 1.8 | 12.1 | 0.083 | 0.504 | 19.744135   | -101.175368 |
| T. Der. Zinapécuaro               | 8.85     | 1  | 1  | 36019 | 1.5                                  | 84.4 | 1.9 | 5.9  | 1.4 | 2.6  | 1.0  | 0.9    | 0.4   | 85.9 | 1.9 | 12.2 | 0.083 | 0.503 | 19.763329   | -101.163839 |
| T. Der. Zinapécuaro               | 8.85     | 1  | 2  | 35647 | 1.6                                  | 84.3 | 2.1 | 5.3  | 1.6 | 2.7  | 1.1  | 0.9    | 0.4   | 85.9 | 2.1 | 12.0 | 0.086 | 0.503 | 19.763356   | -101.163802 |
| T. Der. Zinapécuaro               | 8.85     | 3  | 1  | 15932 | 0.9                                  | 79.8 | 2.9 | 8.2  | 2.5 | 3.2  | 0.9  | 1.4    | 0.2   | 80.7 | 2.9 | 16.4 | 0.083 | 0.508 | 19.781420   | -101.157676 |
| T. Der. Zinapécuaro               | 8.85     | 3  | 2  | 16423 | 0.8                                  | 77.2 | 3.4 | 9.8  | 2.7 | 3.4  | 1.1  | 1.4    | 0.2   | 78.0 | 3.4 | 18.6 | 0.083 | 0.508 | 19.781656   | -101.157896 |
| Cuitzeo                           | 33.64    | 1  | 0  | 9072  | 0.9                                  | 81.0 | 1.5 | 10.0 | 2.2 | 3.0  | 0.9  | 0.3    | 0.2   | 81.9 | 1.5 | 16.6 | 0.083 | 0.500 | 19.952550   | -101.136460 |
| Cuitzeo                           | 33.64    | 3  | 0  | 9424  | 1.4                                  | 77.4 | 1.4 | 10.2 | 2.7 | 4.7  | 1.3  | 0.4    | 0.5   | 78.8 | 1.4 | 19.8 | 0.079 | 0.503 | 19.985892   | -101.147735 |
| Lim. Edos. Term. Mich. Ppia. Gto. | 46.10    |    |    |       |                                      |      |     |      |     |      |      |        |       |      |     |      |       |       |             |             |
| T. Izq. Moroleón                  | 52.36    | 1  | 1  | 10272 | 2.0                                  | 78.4 | 3.3 | 13.6 | 0.7 | 0.8  | 0.6  | 0.4    | 0.2   | 80.4 | 3.3 | 16.3 | 0.077 | 0.511 | 20.093859   | -101.158672 |
| T. Izq. Moroleón                  | 52.36    | 1  | 2  | 9848  | 2.1                                  | 78.0 | 3.3 | 13.6 | 0.8 | 0.9  | 0.6  | 0.4    | 0.3   | 80.1 | 3.3 | 16.6 | 0.091 | 0.511 | 20.093813   | -101.158730 |
| Uriangato                         | 54.22    | 3  | 1  | 6558  | 6.9                                  | 81.5 | 2.5 | 4.6  | 1.6 | 1.9  | 0.5  | 0.4    | 0.1   | 88.4 | 2.5 | 9.1  | 0.121 | 0.501 | 20.168215   | -101.158098 |
| Uriangato                         | 54.22    | 3  | 2  | 6584  | 7.1                                  | 81.4 | 2.4 | 4.5  | 1.6 | 1.8  | 0.7  | 0.4    | 0.1   | 88.5 | 2.4 | 9.1  | 0.102 | 0.501 | 20.168155   | -101.158143 |
| T. Der. Yuriria                   | 61.36    | 3  | 0  | 9352  | 3.9                                  | 79.6 | 0.9 | 11.6 | 1.6 | 1.3  | 0.7  | 0.2    | 0.2   | 83.5 | 0.9 | 15.6 | 0.079 | 0.505 | 20.205400   | -101.164968 |
| Magdalena de Araceo               | 77.10    | 1  | 0  | 5533  | 1.5                                  | 80.5 | 1.7 | 10.4 | 2.0 | 2.4  | 0.9  | 0.4    | 0.2   | 82.0 | 1.7 | 16.3 | 0.081 | 0.500 | 20.298516   | -101.181763 |
| Magdalena de Araceo               | 77.10    | 3  | 0  | 5644  | 3.8                                  | 83.3 | 1.7 | 6.3  | 1.9 | 1.9  | 0.6  | 0.4    | 0.1   | 87.1 | 1.7 | 11.2 | 0.079 | 0.503 | 20.314096   | -101.182882 |
| T. Der. Jaral del Progreso        | 87.00    | 1  | 0  | 7414  | 3.4                                  | 82.1 | 2.2 | 6.7  | 2.0 | 2.4  | 0.8  | 0.2    | 0.2   | 85.5 | 2.2 | 12.3 | 0.078 | 0.503 | 20.367440   | -101.190080 |
| T. Der. Jaral del Progreso        | 87.00    | 3  | 0  | 14073 | 1.0                                  | 84.6 | 3.6 | 5.4  | 1.0 | 2.0  | 1.0  | 0.7    | 0.7   | 85.6 | 3.6 | 10.8 | 0.085 | 0.505 | 20.414317   | -101.193204 |
| X. C. Libramiento de Salamanca    | 105.10   | 1  | 1  | 12123 | 0.0                                  | 83.5 | 1.6 | 9.9  | 1.9 | 1.4  | 1.2  | 0.4    | 0.1   | 83.5 | 1.6 | 14.9 | 0.084 | 0.502 | 20.529947   | -101.206498 |
| X. C. Libramiento de Salamanca    | 105.10   | 1  | 2  | 12243 | 4.4                                  | 82.9 | 2.0 | 5.8  | 1.9 | 1.6  | 0.9  | 0.3    | 0.2   | 87.3 | 2.0 | 10.7 | 0.081 | 0.502 | 20.529863   | -101.206617 |
| Salamanca                         | 107.95   | 1  | 1  | 15214 | 3.3                                  | 89.6 | 1.2 | 5.0  | 0.6 | 0.2  | 0.1  | 0.0    | 0.0   | 92.9 | 1.2 | 5.9  | 0.066 | 0.506 | 20.544677   | -101.204430 |
| Salamanca                         | 107.95   | 1  | 2  | 14836 | 3.0                                  | 89.3 | 1.4 | 5.5  | 0.5 | 0.2  | 0.1  | 0.0    | 0.0   | 92.3 | 1.4 | 6.3  | 0.072 | 0.506 | 20.544678   | -101.204675 |

GUANAJUATO

18 CARR: Munguía - Las Adjuntas

CLAVE: 11815

RUTA: MEX-084

AÑO: 2019

| 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. Irapuato - Guadalajara | 0.00            | 3  | 0  | 5742 | 2.5                                                                     | 80.4 | 1.9 | 11.3 | 2.1 | 0.8  | 0.5  | 0.4    | 0.1   | 82.9 | 1.9 | 15.2 | 0.085 | 0.502 | 20.564830             | -101.456571 |
| T. Der. La Joya de Calvillo  | 15.00           | 1  | 0  | 5570 | 2.0                                                                     | 75.8 | 1.9 | 14.0 | 2.0 | 2.5  | 0.9  | 0.4    | 0.5   | 77.8 | 1.9 | 20.3 | 0.078 | 0.513 | 20.594075             | -101.537433 |
| Cuerámaro                    | 27.00           | 3  | 0  | 4380 | 5.0                                                                     | 74.3 | 1.7 | 16.6 | 1.5 | 0.5  | 0.4  | 0.0    | 0.0   | 79.3 | 1.7 | 19.0 | 0.078 | 0.502 | 20.644605             | -101.681399 |
| Saucillo                     | 38.00           | 1  | 0  | 3323 | 1.7                                                                     | 76.1 | 2.9 | 16.9 | 1.2 | 0.6  | 0.5  | 0.0    | 0.1   | 77.8 | 2.9 | 19.3 | 0.086 | 0.546 | 20.687803             | -101.704867 |
| Saucillo                     | 38.00           | 3  | 0  | 953  | 2.0                                                                     | 74.8 | 2.9 | 14.7 | 2.9 | 1.7  | 0.9  | 0.0    | 0.1   | 76.8 | 2.9 | 20.3 | 0.082 | 0.528 | 20.692857             | -101.723069 |
| Las Adjuntas                 | 57.00           | 1  | 0  | 1823 | 1.9                                                                     | 74.2 | 3.0 | 14.9 | 3.0 | 1.9  | 1.0  | 0.0    | 0.1   | 76.1 | 3.0 | 20.9 | 0.096 | 0.500 | 20.653908             | -101.884416 |

19 CARR: Nuevo Libramiento de Irapuato

CLAVE: 11132

RUTA: MEX-045

AÑO: 2019

| 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. Querétaro - Irapuato (Cuota) | 0.00            | 3  | 1  | 21182 | 1.5                                                                     | 72.6 | 2.3 | 10.1 | 3.2 | 6.3  | 1.8  | 2.0    | 0.2   | 74.1 | 2.3 | 23.6 | 0.081 | 0.518 | 20.658267 | -101.295600           |  |
| T. C. Querétaro - Irapuato (Cuota) | 0.00            | 3  | 2  | 21852 | 1.2                                                                     | 70.3 | 2.5 | 11.0 | 3.6 | 7.1  | 1.9  | 2.2    | 0.2   | 71.5 | 2.5 | 26.0 | 0.076 | 0.518 | 20.658072 | -101.295749           |  |
| T. C. Irapuato - León              | 11.20           | 1  | 1  | 21594 | 1.7                                                                     | 70.6 | 3.4 | 8.5  | 3.4 | 8.2  | 1.9  | 2.0    | 0.3   | 72.3 | 3.4 | 24.3 | 0.074 | 0.510 | 20.719926 | -101.333951           |  |
| T. C. Irapuato - León              | 11.20           | 1  | 2  | 22473 | 1.3                                                                     | 67.9 | 3.3 | 9.9  | 4.2 | 8.9  | 2.3  | 1.9    | 0.3   | 69.2 | 3.3 | 27.5 | 0.079 | 0.510 | 20.726251 | -101.338697           |  |

20 CARR: Querétaro - Irapuato (Libre)

CLAVE: 00154

RUTA: MEX-045

AÑO: 2019

| 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    |
| Querétaro Poniente                         | 0.00     | 3  | 1  | 69195 | 0.5                                  | 86.7 | 0.1 | 5.1 | 0.3 | 3.8  | 2.5  | 0.3    | 0.7   | 87.2 | 0.1 | 12.7 | 0.073       | 0.506 | 20.555049 | -100.420257 |
| Querétaro Poniente                         | 0.00     | 3  | 2  | 68215 | 0.5                                  | 86.7 | 0.1 | 5.1 | 0.3 | 3.8  | 2.5  | 0.3    | 0.7   | 87.2 | 0.1 | 12.7 | 0.073       | 0.506 | 20.555128 | -100.420372 |
| T. Der. Villa del Pueblito                 | 6.67     | 3  | 1  | 25847 | 0.5                                  | 86.3 | 0.1 | 5.4 | 0.4 | 3.5  | 2.8  | 0.3    | 0.7   | 86.8 | 0.1 | 13.1 | 0.082       | 0.523 | 20.533835 | -100.449513 |
| T. Der. Villa del Pueblito                 | 6.67     | 3  | 2  | 28340 | 0.4                                  | 86.4 | 0.1 | 5.4 | 0.4 | 3.5  | 2.8  | 0.3    | 0.7   | 86.8 | 0.1 | 13.1 | 0.085       | 0.523 | 20.533723 | -100.449540 |
| Los Ángeles                                | 12.60    | 3  | 1  | 21827 | 0.6                                  | 75.5 | 2.0 | 7.5 | 2.8 | 8.8  | 1.9  | 0.7    | 0.2   | 76.1 | 2.0 | 21.9 | 0.065       | 0.505 | 20.533325 | -100.501965 |
| Los Ángeles                                | 12.60    | 3  | 2  | 21396 | 0.6                                  | 75.5 | 2.0 | 7.5 | 2.8 | 8.8  | 1.9  | 0.7    | 0.2   | 76.1 | 2.0 | 21.9 | 0.068       | 0.505 | 20.533239 | -100.501988 |
| Lim. Edos. Term. Qro. Ppia. Gto.           | 13.49    |    |    |       |                                      |      |     |     |     |      |      |        |       |      |     |      |             |       |           |             |
| T. C. Palmillas - Apaseo el Grande (Cuota) | 23.50    | 1  | 1  | 11044 | 0.6                                  | 74.8 | 2.0 | 7.7 | 3.0 | 9.0  | 2.0  | 0.7    | 0.2   | 75.4 | 2.0 | 22.6 | 0.077       | 0.505 | 20.504304 | -100.582081 |
| T. C. Palmillas - Apaseo el Grande (Cuota) | 23.50    | 1  | 2  | 10822 | 0.6                                  | 75.2 | 2.1 | 8.1 | 2.8 | 8.5  | 1.8  | 0.7    | 0.2   | 75.8 | 2.1 | 22.1 | 0.083       | 0.505 | 20.504228 | -100.582033 |
| T. C. Palmillas - Apaseo el Grande (Cuota) | 23.50    | 3  | 1  | 11813 | 0.6                                  | 73.5 | 2.4 | 8.7 | 3.3 | 8.7  | 2.0  | 0.7    | 0.1   | 74.1 | 2.4 | 23.5 | 0.092       | 0.510 | 20.487404 | -100.601589 |
| T. C. Palmillas - Apaseo el Grande (Cuota) | 23.50    | 3  | 2  | 11359 | 0.7                                  | 73.5 | 2.2 | 8.2 | 3.6 | 8.9  | 1.9  | 0.8    | 0.2   | 74.2 | 2.2 | 23.6 | 0.079       | 0.510 | 20.487283 | -100.601557 |
| T. Izq. Apaseo El Alto                     | 28.37    | 3  | 1  | 17915 | 1.7                                  | 79.2 | 2.2 | 5.5 | 2.7 | 6.6  | 1.3  | 0.6    | 0.2   | 80.9 | 2.2 | 16.9 | 0.076       | 0.512 | 20.471651 | -100.639700 |
| T. Izq. Apaseo El Alto                     | 28.37    | 3  | 2  | 17082 | 1.7                                  | 79.2 | 2.2 | 5.5 | 2.7 | 6.6  | 1.3  | 0.6    | 0.2   | 80.9 | 2.2 | 16.9 | 0.078       | 0.512 | 20.471307 | -100.639679 |
| T. Der. Apaseo El Grande                   | 40.11    | 3  | 1  | 20617 | 1.1                                  | 75.6 | 2.4 | 6.5 | 2.8 | 7.4  | 2.6  | 1.3    | 0.3   | 76.7 | 2.4 | 20.9 | 0.070       | 0.502 | 20.532110 | -100.715957 |
| T. Der. Apaseo El Grande                   | 40.11    | 3  | 2  | 20786 | 1.1                                  | 75.6 | 2.4 | 6.5 | 2.8 | 7.4  | 2.6  | 1.3    | 0.3   | 76.7 | 2.4 | 20.9 | 0.081       | 0.502 | 20.532004 | -100.715881 |

GUANAJUATO

20 CARR: Querétaro - Irapuato (Libre)

CLAVE: 00154

ruta: MEX-045

AÑO: 2019

| 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. Izq. Libramiento de Celaya Ote. | 49.90    | 1  | 1  | 21607 | 0.7                                  | 76.0 | 4.8 | 7.0  | 2.1 | 6.5  | 2.4  | 0.3    | 0.2   | 76.7 | 4.8 | 18.5 | 0.084 | 0.520 | 20.520637   | -100.752070 |
| T. Izq. Libramiento de Celaya Ote. | 49.90    | 1  | 2  | 23371 | 0.8                                  | 75.9 | 4.8 | 7.0  | 2.1 | 6.5  | 2.4  | 0.3    | 0.2   | 76.7 | 4.8 | 18.5 | 0.061 | 0.520 | 20.520514   | -100.752161 |
| T. Izq. Libramiento de Celaya Pte. | 55.61    | 3  | 1  | 31615 | 0.8                                  | 78.8 | 4.8 | 8.5  | 1.8 | 3.8  | 0.8  | 0.5    | 0.2   | 79.6 | 4.8 | 15.6 | 0.063 | 0.528 | 20.516085   | -100.885291 |
| T. Izq. Libramiento de Celaya Pte. | 55.61    | 3  | 2  | 28268 | 0.8                                  | 78.8 | 4.8 | 8.5  | 1.8 | 3.8  | 0.8  | 0.5    | 0.2   | 79.6 | 4.8 | 15.6 | 0.066 | 0.528 | 20.515971   | -100.885436 |
| T. Izq. Cortazar                   | 67.50    | 3  | 1  | 26851 | 2.1                                  | 74.8 | 4.8 | 8.4  | 2.2 | 5.4  | 1.3  | 0.8    | 0.2   | 76.9 | 4.8 | 18.3 | 0.081 | 0.501 | 20.509375   | -100.979281 |
| T. Izq. Cortazar                   | 67.50    | 3  | 2  | 28805 | 2.6                                  | 77.6 | 3.9 | 8.2  | 1.7 | 4.1  | 1.1  | 0.6    | 0.2   | 80.2 | 3.9 | 15.9 | 0.083 | 0.501 | 20.509624   | -100.974344 |
| T. Izq. Libramiento de Salamanca   | 93.80    | 1  | 1  | 20904 | 3.4                                  | 71.7 | 4.1 | 10.0 | 2.0 | 5.6  | 1.7  | 1.1    | 0.4   | 75.1 | 4.1 | 20.8 | 0.076 | 0.509 | 20.553180   | -101.150833 |
| T. Izq. Libramiento de Salamanca   | 93.80    | 1  | 2  | 21654 | 3.7                                  | 70.4 | 4.4 | 11.0 | 1.9 | 5.8  | 1.6  | 1.0    | 0.2   | 74.1 | 4.4 | 21.5 | 0.073 | 0.509 | 20.553190   | -101.151114 |
| Irapuato                           | 113.70   | 1  | 1  | 12610 | 3.2                                  | 83.3 | 2.7 | 6.7  | 1.4 | 1.4  | 0.8  | 0.3    | 0.2   | 86.5 | 2.7 | 10.8 | 0.067 | 0.518 | 20.658041   | -101.303021 |
| Irapuato                           | 113.70   | 1  | 2  | 13558 | 3.2                                  | 83.2 | 2.7 | 6.6  | 1.4 | 1.5  | 0.8  | 0.4    | 0.2   | 86.4 | 2.7 | 10.9 | 0.085 | 0.518 | 20.657981   | -101.303121 |

21 CARR: Querétaro - San Luis Potosí

CLAVE: 00165

ruta: MEX-057

AÑO: 2019

| 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    |
| Querétaro                                   | 0.00     |    |    |       |                                      |      |     |      |     |      |      |        |       |      |     |      |       |       |             |             |
| T. Der. Libramiento de Querétaro            | 6.28     | 3  | 1  | 52796 | 0.8                                  | 91.5 | 1.0 | 3.6  | 0.6 | 1.6  | 0.6  | 0.1    | 0.2   | 92.3 | 1.0 | 6.7  | 0.118 | 0.506 | 20.636716   | -100.428718 |
| T. Der. Libramiento de Querétaro            | 6.28     | 3  | 2  | 56077 | 0.9                                  | 90.4 | 1.1 | 4.2  | 0.7 | 1.8  | 0.7  | 0.1    | 0.1   | 91.3 | 1.1 | 7.6  | 0.096 | 0.506 | 20.636722   | -100.428721 |
| T. Izq. Juriquilla                          | 15.63    | 3  | 1  | 33305 | 0.8                                  | 87.6 | 2.0 | 5.7  | 1.2 | 2.1  | 0.3  | 0.2    | 0.1   | 88.4 | 2.0 | 9.6  | 0.122 | 0.505 | 20.712135   | -100.438062 |
| T. Izq. Juriquilla                          | 15.63    | 3  | 2  | 33960 | 0.9                                  | 88.0 | 1.2 | 5.7  | 1.4 | 2.0  | 0.4  | 0.2    | 0.2   | 88.9 | 1.2 | 9.9  | 0.104 | 0.505 | 20.714936   | -100.438650 |
| T. Izq. San Miguel de Allende               | 28.53    | 1  | 1  | 30366 | 0.3                                  | 78.6 | 1.8 | 11.2 | 1.8 | 4.3  | 0.8  | 1.0    | 0.2   | 78.9 | 1.8 | 19.3 | 0.109 | 0.501 | 20.806717   | -100.448668 |
| T. Izq. San Miguel de Allende               | 28.53    | 1  | 2  | 30295 | 0.4                                  | 78.5 | 2.0 | 10.7 | 1.9 | 4.2  | 1.2  | 0.8    | 0.3   | 78.9 | 2.0 | 19.1 | 0.088 | 0.501 | 20.805506   | -100.449078 |
| T. Izq. San Miguel de Allende               | 28.53    | 3  | 1  | 27653 | 0.4                                  | 42.7 | 3.8 | 9.2  | 3.0 | 31.6 | 2.6  | 6.5    | 0.2   | 43.1 | 3.8 | 53.1 | 0.075 | 0.503 | 20.844945   | -100.435108 |
| T. Izq. San Miguel de Allende               | 28.53    | 3  | 2  | 28007 | 0.4                                  | 36.8 | 4.1 | 10.8 | 3.3 | 34.1 | 2.9  | 7.4    | 0.2   | 37.2 | 4.1 | 58.7 | 0.091 | 0.503 | 20.844939   | -100.435434 |
| Lim. Edos. Term. Qro. Ppia. Gto.            | 36.70    |    |    |       |                                      |      |     |      |     |      |      |        |       |      |     |      |       |       |             |             |
| X. C. San José Iturbide - El Arenal         | 46.83    | 1  | 1  | 25930 | 0.4                                  | 46.0 | 3.8 | 7.2  | 3.1 | 29.7 | 2.6  | 7.0    | 0.2   | 46.4 | 3.8 | 49.8 | 0.078 | 0.501 | 20.967107   | -100.428606 |
| X. C. San José Iturbide - El Arenal         | 46.83    | 1  | 2  | 26042 | 0.4                                  | 41.1 | 4.1 | 8.2  | 3.3 | 32.3 | 3.1  | 7.3    | 0.2   | 41.5 | 4.1 | 54.4 | 0.091 | 0.501 | 20.967012   | -100.428823 |
| X. C. San José Iturbide - El Arenal         | 46.83    | 3  | 1  | 15167 | 1.4                                  | 51.0 | 4.7 | 9.0  | 2.8 | 23.1 | 3.5  | 4.2    | 0.3   | 52.4 | 4.7 | 42.9 | 0.079 | 0.501 | 20.983970   | -100.434836 |
| X. C. San José Iturbide - El Arenal         | 46.83    | 3  | 2  | 15089 | 1.2                                  | 50.3 | 3.6 | 8.0  | 3.3 | 24.2 | 4.1  | 4.9    | 0.4   | 51.5 | 3.6 | 44.9 | 0.072 | 0.501 | 20.983770   | -100.435181 |
| X. C. Ent. San Miguel de Allende - Dr. Mora | 61.93    | 1  | 1  | 16203 | 1.6                                  | 51.7 | 5.0 | 9.6  | 3.0 | 20.9 | 3.3  | 4.4    | 0.5   | 53.3 | 5.0 | 41.7 | 0.066 | 0.501 | 21.077085   | -100.512502 |
| X. C. Ent. San Miguel de Allende - Dr. Mora | 61.93    | 1  | 2  | 16258 | 1.2                                  | 47.9 | 4.7 | 9.7  | 3.0 | 24.0 | 4.2  | 4.9    | 0.4   | 49.1 | 4.7 | 46.2 | 0.059 | 0.501 | 21.076926   | -100.512714 |
| X. C. San Luis de La Paz - Guanajuato       | 86.68    | 1  | 1  | 14761 | 1.4                                  | 49.5 | 4.6 | 9.1  | 2.7 | 24.7 | 3.4  | 4.2    | 0.4   | 50.9 | 4.6 | 44.5 | 0.068 | 0.514 | 21.270333   | -100.589434 |
| X. C. San Luis de La Paz - Guanajuato       | 86.68    | 1  | 2  | 13941 | 1.3                                  | 44.9 | 5.6 | 8.9  | 3.1 | 26.1 | 4.5  | 5.2    | 0.4   | 46.2 | 5.6 | 48.2 | 0.064 | 0.514 | 21.270288   | -100.589622 |
| T. Izq. San Diego de La Unión               | 119.07   | 1  | 1  | 9965  | 0.9                                  | 54.6 | 5.2 | 6.2  | 2.6 | 21.1 | 3.9  | 4.9    | 0.6   | 55.5 | 5.2 | 39.3 | 0.065 | 0.507 | 21.530530   | -100.741680 |
| T. Izq. San Diego de La Unión               | 119.07   | 1  | 2  | 10233 | 1.2                                  | 49.6 | 5.5 | 7.0  | 2.7 | 23.7 | 4.2  | 5.5    | 0.6   | 50.8 | 5.5 | 43.7 | 0.072 | 0.507 | 21.530540   | -100.741759 |

GUANAJUATO

21 CARR: Querétaro - San Luis Potosí

CLAVE: 00165

RUTA: MEX-057

AÑO: 2019

| 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. Izq. San Diego de La Unión              | 119.07   | 3  | 1  | 12216 | 0.9                                  | 50.8 | 5.5 | 7.3  | 2.7 | 22.9 | 3.9  | 5.4    | 0.6   | 51.7 | 5.5 | 42.8 | 0.053 | 0.501       | 21.539003 | -100.746169 |
| T. Izq. San Diego de La Unión              | 119.07   | 3  | 2  | 12263 | 1.4                                  | 47.5 | 5.7 | 7.2  | 2.9 | 24.5 | 4.5  | 5.6    | 0.7   | 48.9 | 5.7 | 45.4 | 0.057 | 0.501       | 21.538913 | -100.746348 |
| Lim. Edos. Term. Gto. Ppia. S. L. P.       | 124.74   |    |    |       |                                      |      |     |      |     |      |      |        |       |      |     |      |       |             |           |             |
| T. Der. Tierra Nueva                       | 140.65   | 1  | 1  | 10938 | 0.9                                  | 43.8 | 6.3 | 10.6 | 3.3 | 26.4 | 3.3  | 4.9    | 0.5   | 44.7 | 6.3 | 49.0 | 0.067 | 0.503       | 21.691530 | -100.688547 |
| T. Der. Tierra Nueva                       | 140.65   | 1  | 2  | 10789 | 0.9                                  | 43.8 | 6.3 | 10.6 | 3.3 | 26.4 | 3.3  | 4.9    | 0.5   | 44.7 | 6.3 | 49.0 | 0.071 | 0.503       | 21.691710 | -100.688829 |
| T. Der. Tierra Nueva                       | 140.65   | 3  | 1  | 13427 | 1.1                                  | 49.8 | 5.5 | 9.5  | 2.7 | 22.6 | 3.4  | 4.6    | 0.8   | 50.9 | 5.5 | 43.6 | 0.055 | 0.503       | 21.705815 | -100.684901 |
| T. Der. Tierra Nueva                       | 140.65   | 3  | 2  | 13587 | 1.0                                  | 49.8 | 5.6 | 9.4  | 2.7 | 22.6 | 3.5  | 4.6    | 0.8   | 50.8 | 5.6 | 43.6 | 0.063 | 0.503       | 21.705710 | -100.685192 |
| T. Izq. Santa María del Río                | 155.88   | 3  | 1  | 14806 | 1.1                                  | 54.7 | 4.9 | 8.5  | 2.3 | 19.7 | 3.5  | 4.3    | 1.0   | 55.8 | 4.9 | 39.3 | 0.062 | 0.508       | 21.823696 | -100.728020 |
| T. Izq. Santa María del Río                | 155.88   | 3  | 2  | 15277 | 1.1                                  | 54.8 | 4.9 | 8.5  | 2.2 | 19.7 | 3.5  | 4.3    | 1.0   | 55.9 | 4.9 | 39.2 | 0.067 | 0.508       | 21.821121 | -100.729513 |
| T. Izq. Villa de Reyes                     | 176.35   | 1  | 1  | 14166 | 0.9                                  | 43.8 | 6.3 | 10.6 | 3.3 | 26.4 | 3.3  | 4.9    | 0.5   | 44.7 | 6.3 | 49.0 | 0.063 | 0.506       | 21.961272 | -100.811618 |
| T. Izq. Villa de Reyes                     | 176.35   | 1  | 2  | 14500 | 0.9                                  | 43.8 | 6.3 | 10.6 | 3.3 | 26.4 | 3.3  | 4.9    | 0.5   | 44.7 | 6.3 | 49.0 | 0.064 | 0.506       | 21.961108 | -100.811933 |
| T. Izq. Villa de Reyes                     | 176.35   | 3  | 1  | 27012 | 0.8                                  | 62.0 | 3.9 | 9.4  | 2.4 | 15.8 | 2.3  | 3.1    | 0.3   | 62.8 | 3.9 | 33.3 | 0.064 | 0.507       | 21.978903 | -100.821209 |
| T. Izq. Villa de Reyes                     | 176.35   | 3  | 2  | 27730 | 0.8                                  | 61.9 | 3.9 | 9.4  | 2.4 | 15.8 | 2.3  | 3.1    | 0.4   | 62.7 | 3.9 | 33.4 | 0.056 | 0.507       | 21.977644 | -100.820918 |
| T. Izq. Villa de Arriaga (Cuota)           | 182.60   | 1  | 1  | 27907 | 0.8                                  | 65.7 | 2.6 | 8.0  | 2.9 | 14.3 | 2.2  | 2.9    | 0.6   | 66.5 | 2.6 | 30.9 | 0.084 | 0.508       | 22.011847 | -100.839057 |
| T. Izq. Villa de Arriaga (Cuota)           | 182.60   | 1  | 2  | 26631 | 0.8                                  | 65.8 | 2.6 | 8.0  | 2.9 | 14.2 | 2.2  | 2.9    | 0.6   | 66.6 | 2.6 | 30.8 | 0.094 | 0.508       | 22.011740 | -100.839335 |
| X. C. Libramiento de San Luis Potosí       | 184.80   | 1  | 1  | 36624 | 0.8                                  | 65.7 | 2.6 | 8.0  | 2.9 | 14.3 | 2.2  | 2.9    | 0.6   | 66.5 | 2.6 | 30.9 | 0.091 | 0.508       | 22.024489 | -100.845944 |
| X. C. Libramiento de San Luis Potosí       | 184.80   | 1  | 2  | 35904 | 0.8                                  | 65.7 | 2.6 | 8.0  | 2.9 | 14.3 | 2.2  | 2.9    | 0.6   | 66.5 | 2.6 | 30.9 | 0.095 | 0.508       | 22.023828 | -100.845974 |
| X. Periférico de San Luis Potosi (Central) | 197.50   | 1  | 1  | 47610 | 0.7                                  | 89.3 | 0.4 | 1.6  | 0.3 | 2.0  | 4.4  | 0.6    | 0.7   | 90.0 | 0.4 | 9.6  | 0.061 | 0.517       | 22.121688 | -100.912584 |
| X. Periférico de San Luis Potosi (Lateral) | 197.50   | 1  | 1  | 14225 | 3.8                                  | 78.7 | 1.3 | 9.4  | 2.2 | 2.6  | 1.2  | 0.4    | 0.4   | 82.5 | 1.3 | 16.2 | 0.096 | 0.517       | 22.121798 | -100.912524 |
| X. Periférico de San Luis Potosí (Central) | 197.50   | 1  | 2  | 50423 | 0.7                                  | 89.1 | 0.4 | 1.7  | 0.3 | 2.1  | 4.4  | 0.6    | 0.7   | 89.8 | 0.4 | 9.8  | 0.059 | 0.517       | 22.121547 | -100.912704 |
| X. Periférico de San Luis Potosi (Lateral) | 197.50   | 1  | 2  | 17827 | 3.8                                  | 78.9 | 1.2 | 9.4  | 2.2 | 2.6  | 1.1  | 0.4    | 0.4   | 82.7 | 1.2 | 16.1 | 0.091 | 0.517       | 22.121313 | -100.912992 |
| San Luis Potosí                            | 201.66   |    |    |       |                                      |      |     |      |     |      |      |        |       |      |     |      |       |             |           |             |

22 CARR: Ramal a Las Adjuntas

CLAVE: 11820

RUTA: MEX-084

AÑO: 2019

| 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. Manuel Doblado - La Piedad | 0.00            | 3  | 0  | 2803 | 1.4                                                                     | 84.9 | 1.0 | 11.7 | 0.8 | 0.1  | 0.1  | 0.0    | 0.0   | 86.3 | 1.0 | 12.7 | 0.106 | 0.537                 | 20.704620 | -101.927301 |
| Ent. Las Adjuntas                | 10.00           | 1  | 0  | 1537 | 4.2                                                                     | 80.3 | 0.5 | 13.5 | 1.2 | 0.1  | 0.2  | 0.0    | 0.0   | 84.5 | 0.5 | 15.0 | 0.143 | 0.512                 | 20.657176 | -101.885917 |

23 CARR: Ramal a San José Iturbide

CLAVE: 11201

RUTA: MEX-057

AÑO: 2019

| 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. Querétaro - San Luis Potosí | 0.00            | 3  | 1  | 10177 | 2.1                                                                     | 87.2 | 0.3 | 4.4 | 2.3 | 3.0  | 0.4  | 0.2    | 0.1   | 89.3 | 0.3 | 10.4 | 0.083 | 0.501 | 20.977137             | -100.424631 |

GUANAJUATO

23 CARR: Ramal a San José Iturbide

CLAVE: 11201

RUTA: MEX-057

AÑO: 2019

| 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. Querétaro - San Luis Potosí | 0.00     | 3  | 2  | 10206 | 2.4                                  | 85.4 | 1.1 | 5.5 | 2.3 | 2.5  | 0.4  | 0.3    | 0.1   | 87.8 | 1.1 | 11.1 | 0.094 | 0.501 | 20.976854   | -100.424548 |
| San José Iturbide                 | 6.00     | 1  | 1  | 12160 | 3.4                                  | 85.8 | 0.7 | 7.7 | 1.4 | 0.7  | 0.2  | 0.1    | 0.0   | 89.2 | 0.7 | 10.1 | 0.089 | 0.508 | 20.988331   | -100.400730 |
| San José Iturbide                 | 6.00     | 1  | 2  | 12574 | 3.0                                  | 86.1 | 0.6 | 7.8 | 1.4 | 0.8  | 0.2  | 0.1    | 0.0   | 89.1 | 0.6 | 10.3 | 0.091 | 0.508 | 20.988598   | -100.400803 |

24 CARR: Salvatierra - Ent. Yuriria

CLAVE: 11013

RUTA: MEX-043

AÑO: 2019

| 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. Acámbaro - Celaya    | 0.00     | 3  | 0  | 15064 | 8.3                                  | 71.1 | 1.7 | 8.4  | 1.7 | 5.7  | 1.4  | 0.8    | 0.9   | 79.4 | 1.7 | 18.9 | 0.079 | 0.501 | 20.221312   | -100.902051 |
| T. Izq. Santiago Maravatio | 8.00     | 1  | 0  | 9165  | 3.0                                  | 76.0 | 2.5 | 8.2  | 2.8 | 4.4  | 1.4  | 0.9    | 0.8   | 79.0 | 2.5 | 18.5 | 0.081 | 0.504 | 20.226264   | -100.976180 |
| Yuriria                    | 27.00    | 1  | 0  | 8434  | 8.1                                  | 73.0 | 1.7 | 8.5  | 1.6 | 4.4  | 1.4  | 0.6    | 0.7   | 81.1 | 1.7 | 17.2 | 0.086 | 0.501 | 20.221754   | -101.106442 |
| T. C. Morelia - Salamanca  | 30.00    | 1  | 1  | 5350  | 1.4                                  | 84.1 | 1.7 | 11.7 | 0.3 | 0.4  | 0.3  | 0.0    | 0.1   | 85.5 | 1.7 | 12.8 | 0.080 | 0.507 | 20.201656   | -101.148381 |
| T. C. Morelia - Salamanca  | 30.00    | 1  | 2  | 5491  | 2.0                                  | 83.8 | 1.4 | 11.6 | 0.3 | 0.4  | 0.4  | 0.0    | 0.1   | 85.8 | 1.4 | 12.8 | 0.086 | 0.507 | 20.201531   | -101.148345 |

25 CARR: San Luis de La Paz - Cañada de Moreno

CLAVE: 11134

RUTA: MEX-110

AÑO: 2019

| 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    |
| San Luis de La Paz | 0.00     | 3  | 0  | 4111 | 3.2                                  | 72.1 | 1.6 | 18.2 | 1.5 | 2.6  | 0.4  | 0.2    | 0.2   | 75.3 | 1.6 | 23.1 | 0.084 | 0.514 | 21.293772   | -100.483106 |
| Cañada de Moreno   | 18.80    |    |    |      |                                      |      |     |      |     |      |      |        |       |      |     |      |       |       |             |             |

26 CARR: San Luis de La Paz - Guanajuato

CLAVE: 11108

RUTA: MEX-110

AÑO: 2019

| 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    |
| San Luis de La Paz                                 | 0.00     |    |    |       |                                      |      |     |      |     |      |      |        |       |      |     |      |       |       |             |             |
| T. Izq. San José Iturbide                          | 1.74     | 3  | 1  | 6928  | 2.2                                  | 82.3 | 0.9 | 9.8  | 1.0 | 2.2  | 1.3  | 0.2    | 0.1   | 84.5 | 0.9 | 14.6 | 0.077 | 0.508 | 21.294191   | -100.534827 |
| T. Izq. San José Iturbide                          | 1.74     | 3  | 2  | 7161  | 2.2                                  | 82.1 | 1.0 | 10.1 | 0.9 | 2.1  | 1.3  | 0.2    | 0.1   | 84.3 | 1.0 | 14.7 | 0.072 | 0.508 | 21.294191   | -100.534814 |
| X. C. Querétaro - San Luis Potosí                  | 8.31     | 3  | 0  | 8011  | 2.1                                  | 76.2 | 1.8 | 11.0 | 2.8 | 3.1  | 1.7  | 0.8    | 0.5   | 78.3 | 1.8 | 19.9 | 0.079 | 0.503 | 21.287139   | -100.601491 |
| T. Der. San Diego de La Unión                      | 39.45    | 1  | 1  | 3368  | 2.0                                  | 80.4 | 1.3 | 10.6 | 2.0 | 2.1  | 1.2  | 0.2    | 0.2   | 82.4 | 1.3 | 16.3 | 0.093 | 0.505 | 21.196963   | -100.863500 |
| T. Der. San Diego de La Unión                      | 39.45    | 1  | 2  | 3435  | 2.1                                  | 80.6 | 1.3 | 10.4 | 2.0 | 2.2  | 1.2  | 0.1    | 0.1   | 82.7 | 1.3 | 16.0 | 0.092 | 0.505 | 21.196963   | -100.863500 |
| T. Izq. San Miguel de Allende                      | 42.92    | 1  | 1  | 5699  | 2.1                                  | 78.5 | 1.3 | 13.0 | 1.3 | 2.1  | 1.0  | 0.5    | 0.2   | 80.6 | 1.3 | 18.1 | 0.077 | 0.519 | 21.182471   | -100.876636 |
| T. Izq. San Miguel de Allende                      | 42.92    | 1  | 2  | 6142  | 1.7                                  | 79.6 | 1.3 | 12.8 | 1.1 | 2.1  | 0.7  | 0.6    | 0.1   | 81.3 | 1.3 | 17.4 | 0.087 | 0.519 | 21.182471   | -100.876636 |
| T. Der. Libramiento de Dolores Hidalgo (1º Acceso) | 47.00    | 1  | 0  | 17489 | 5.8                                  | 82.3 | 1.2 | 8.5  | 0.8 | 1.0  | 0.3  | 0.1    | 0.0   | 88.1 | 1.2 | 10.7 | 0.079 | 0.512 | 21.170514   | -100.897182 |
| Dolores Hidalgo                                    | 48.40    | 3  | 0  | 3565  | 4.5                                  | 78.2 | 1.2 | 13.2 | 0.5 | 1.6  | 0.4  | 0.2    | 0.2   | 82.7 | 1.2 | 16.1 | 0.083 | 0.507 | 21.163365   | -100.985425 |

GUANAJUATO

26 CARR: San Luis de La Paz - Guanajuato

CLAVE: 11108

RUTA: MEX-110

AÑO: 2019

| 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. Der. Ojo de Agua     | 61.29    | 1  | 0  | 3081 | 3.5                                  | 78.0 | 1.4 | 13.9 | 0.6 | 1.8  | 0.4  | 0.2    | 0.2   | 81.5 | 1.4 | 17.1 | 0.104 | 0.501 | 21.170853   | -101.029665 |
| Ojo de Agua de Calvillo | 70.80    | 1  | 0  | 2153 | 1.9                                  | 86.6 | 1.7 | 8.5  | 0.4 | 0.6  | 0.2  | 0.0    | 0.1   | 88.5 | 1.7 | 9.8  | 0.102 | 0.519 | 21.130012   | -101.114000 |
| Santa Rosa              | 90.40    | 1  | 0  | 2164 | 1.4                                  | 86.5 | 2.3 | 8.3  | 0.2 | 0.7  | 0.4  | 0.0    | 0.2   | 87.9 | 2.3 | 9.8  | 0.097 | 0.515 | 21.076254   | -101.194093 |
| Guanajuato              | 103.29   | 1  | 0  | 2483 | 1.9                                  | 84.5 | 1.9 | 9.6  | 0.3 | 1.1  | 0.4  | 0.1    | 0.2   | 86.4 | 1.9 | 11.7 | 0.099 | 0.515 | 21.055282   | -101.235506 |

27 CARR: Lagos de Moreno - Villa de Arriaga (Cuota)

CLAVE:

RUTA: MEX-080D

AÑO: 2019

| 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    |
| X. C. San Luis Potosí - Lagos de Moreno          | 12.10    | 3  | 0  | 4786 | 1.6                                  | 44.7 | 4.0 | 5.4  | 2.6 | 24.7 | 3.5  | 12.5   | 1.0   | 46.3 | 4.0 | 49.7 | 0.072 | 0.506 | 21.448846   | -101.812818 |
| T. Der. El Cuarenta                              | 22.20    | 3  | 0  | 8647 | 1.6                                  | 46.3 | 3.9 | 5.6  | 2.7 | 22.9 | 3.6  | 12.3   | 1.1   | 47.9 | 3.9 | 48.2 | 0.067 | 0.506 | 21.505804   | -101.741004 |
| Lim. Edos. Term. Jal. Ppia. Gto.                 | 46.30    |    |    |      |                                      |      |     |      |     |      |      |        |       |      |     |      |       |       |             |             |
| X. C. Dolores Hidalgo - Ojuelos de Jalisco       | 58.18    | 1  | 0  | 7835 | 0.7                                  | 74.2 | 7.6 | 13.7 | 0.1 | 0.9  | 1.4  | 1.1    | 0.3   | 74.9 | 7.6 | 17.5 | 0.057 | 0.523 | 21.739880   | -101.523664 |
| Lim. Edos. Term. Gto. Ppia. SLP.                 | 68.63    |    |    |      |                                      |      |     |      |     |      |      |        |       |      |     |      |       |       |             |             |
| X. C. San Luis Potosí - Villa de Arriaga (Cuota) | 78.00    | 1  | 0  | 7863 | 1.2                                  | 47.6 | 4.0 | 5.6  | 2.5 | 23.7 | 3.3  | 11.2   | 0.9   | 48.8 | 4.0 | 47.2 | 0.071 | 0.502 | 21.877836   | -101.414489 |

28 CARR: León - Aguascalientes (Cuota)

CLAVE: 00013

RUTA: MEX-045D

AÑO: 2019

| 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. Irapuato - León               | 0.00     | 3  | 1  | 8898 | 1.1                                  | 67.1 | 5.5 | 8.3 | 3.2 | 7.9  | 1.5  | 4.6    | 0.8   | 68.2 | 5.5 | 26.3 | 0.060 | 0.509 | 21.049445   | -101.586983 |
| T. C. Irapuato - León               | 0.00     | 3  | 2  | 9219 | 1.3                                  | 63.1 | 5.7 | 8.8 | 3.9 | 9.2  | 1.7  | 5.3    | 1.0   | 64.4 | 5.7 | 29.9 | 0.073 | 0.509 | 21.049311   | -101.586886 |
| T. Izq. Salamanca (Cuota)           | 6.00     | 3  | 1  | 7796 | 1.0                                  | 66.9 | 5.4 | 8.2 | 3.3 | 7.8  | 1.5  | 5.0    | 0.9   | 67.9 | 5.4 | 26.7 | 0.071 | 0.509 | 21.053886   | -101.644768 |
| T. Izq. Salamanca (Cuota)           | 6.00     | 3  | 2  | 8079 | 1.3                                  | 63.6 | 6.0 | 8.7 | 3.8 | 9.3  | 1.5  | 5.0    | 0.8   | 64.9 | 6.0 | 29.1 | 0.086 | 0.509 | 21.053713   | -101.644885 |
| X. C. León - Manuel Doblado         | 19.00    | 1  | 1  | 7908 | 1.0                                  | 66.0 | 6.7 | 8.3 | 3.4 | 7.7  | 1.5  | 4.6    | 0.8   | 67.0 | 6.7 | 26.3 | 0.075 | 0.519 | 21.080831   | -101.743043 |
| X. C. León - Manuel Doblado         | 19.00    | 1  | 2  | 8542 | 1.3                                  | 61.9 | 7.6 | 9.2 | 3.7 | 8.5  | 1.6  | 5.2    | 1.0   | 63.2 | 7.6 | 29.2 | 0.086 | 0.519 | 21.080762   | -101.743183 |
| X. C. León - Manuel Doblado         | 19.00    | 3  | 1  | 7163 | 1.0                                  | 65.9 | 6.7 | 8.2 | 3.4 | 7.4  | 1.6  | 4.9    | 0.9   | 66.9 | 6.7 | 26.4 | 0.079 | 0.515 | 21.083995   | -101.751856 |
| X. C. León - Manuel Doblado         | 19.00    | 3  | 2  | 7597 | 1.3                                  | 62.1 | 7.4 | 8.8 | 3.9 | 8.7  | 1.5  | 5.3    | 1.0   | 63.4 | 7.4 | 29.2 | 0.089 | 0.515 | 21.083863   | -101.751874 |
| Plaza de Cobro León                 | 23.50    | 2  | 1  | 7377 | 0.4                                  | 52.7 | 5.3 | 5.8 | 5.8 | 19.4 | 2.1  | 7.1    | 1.4   | 53.1 | 5.3 | 41.6 | 0.101 | 0.500 | 21.102764   | -101.784576 |
| Plaza de Cobro León                 | 23.50    | 2  | 2  | 7377 | 0.4                                  | 52.7 | 5.3 | 5.8 | 5.8 | 19.4 | 2.1  | 7.1    | 1.4   | 53.1 | 5.3 | 41.6 | 0.101 | 0.500 | 21.102764   | -101.784576 |
| Lim. Edos. Term. Gto. Ppia. Jal.    | 28.50    |    |    |      |                                      |      |     |     |     |      |      |        |       |      |     |      |       |       |             |             |
| X. C. Lagos de Moreno - Guadalajara | 59.84    | 1  | 1  | 7362 | 1.2                                  | 52.6 | 7.3 | 7.5 | 3.4 | 17.4 | 2.8  | 6.9    | 0.9   | 53.8 | 7.3 | 38.9 | 0.073 | 0.500 | 21.313080   | -102.035110 |
| X. C. Lagos de Moreno - Guadalajara | 59.84    | 1  | 2  | 7372 | 1.0                                  | 51.5 | 7.2 | 6.8 | 3.9 | 18.1 | 3.4  | 7.2    | 0.9   | 52.5 | 7.2 | 40.3 | 0.085 | 0.500 | 21.313080   | -102.035110 |
| X. C. Lagos de Moreno - Guadalajara | 59.84    | 3  | 1  | 3862 | 0.9                                  | 51.8 | 7.6 | 8.2 | 3.1 | 18.6 | 1.8  | 7.2    | 0.8   | 52.7 | 7.6 | 39.7 | 0.079 | 0.510 | 21.317860   | -102.051730 |
| X. C. Lagos de Moreno - Guadalajara | 59.84    | 3  | 2  | 3714 | 1.3                                  | 48.3 | 8.8 | 9.1 | 2.9 | 19.4 | 2.2  | 7.2    | 0.8   | 49.6 | 8.8 | 41.6 | 0.090 | 0.510 | 21.317860   | -102.051730 |

GUANAJUATO

28 CARR: León - Aguascalientes (Cuota)

CLAVE: 00013

RUTA: MEX-045D

AÑO: 2019

| 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    |
| Plaza de Cobro Encarnación          | 88.84    | 1  | 1  | 5598 | 1.2                                  | 47.8 | 8.4 | 8.6 | 3.4 | 18.5 | 2.7  | 8.1    | 1.3   | 49.0 | 8.4 | 42.6 | 0.080 | 0.527 | 21.484890   | -102.238190 |
| Plaza de Cobro Encarnación          | 88.84    | 1  | 2  | 5026 | 2.8                                  | 64.4 | 7.1 | 7.3 | 2.3 | 11.6 | 1.5  | 1.9    | 1.1   | 67.2 | 7.1 | 25.7 | 0.100 | 0.527 | 21.484890   | -102.238190 |
| Plaza de Cobro Encarnación          | 88.84    | 2  | 1  | 6335 | 0.4                                  | 53.7 | 5.9 | 5.3 | 4.2 | 16.8 | 2.9  | 9.1    | 1.7   | 54.1 | 5.9 | 40.0 | 0.101 | 0.500 | 21.489631   | -102.243232 |
| Plaza de Cobro Encarnación          | 88.84    | 2  | 2  | 6335 | 0.4                                  | 53.7 | 5.9 | 5.3 | 4.2 | 16.8 | 2.9  | 9.1    | 1.7   | 54.1 | 5.9 | 40.0 | 0.101 | 0.500 | 21.489631   | -102.243232 |
| T. C. León - Aguascalientes (Libre) | 103.70   | 1  | 1  | 6057 | 0.8                                  | 49.4 | 7.0 | 7.2 | 4.1 | 18.7 | 2.9  | 8.7    | 1.2   | 50.2 | 7.0 | 42.8 | 0.074 | 0.517 | 21.613400   | -102.276330 |
| T. C. León - Aguascalientes (Libre) | 103.70   | 1  | 2  | 6495 | 0.9                                  | 44.8 | 7.2 | 7.7 | 4.2 | 21.6 | 2.8  | 9.6    | 1.2   | 45.7 | 7.2 | 47.1 | 0.081 | 0.517 | 21.613400   | -102.276330 |

29 CARR: Libramiento Norte de la Piedad (Cuota)

CLAVE:

RUTA: MEX-110D

AÑO: 2019

| 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. Irapuato - Zapotlanejo         | 76.50    | 3  | 1  | 3414 | 1.4                                  | 42.7 | 6.7 | 8.2 | 5.7 | 24.2 | 3.9  | 6.5    | 0.7   | 44.1 | 6.7 | 49.2 | 0.067 | 0.501 | 20.389602   | -101.957305 |
| T. C. Irapuato - Zapotlanejo         | 76.50    | 3  | 2  | 3427 | 1.7                                  | 43.9 | 5.9 | 7.2 | 5.9 | 23.1 | 4.5  | 7.1    | 0.7   | 45.6 | 5.9 | 48.5 | 0.066 | 0.501 | 20.389684   | -101.957283 |
| Plaza de Cobro La Calera             | 81.20    | 2  | 1  | 4413 | 0.1                                  | 29.7 | 2.6 | 7.5 | 9.9 | 29.9 | 5.5  | 12.0   | 2.8   | 29.8 | 2.6 | 67.6 | 0.101 | 0.500 | 20.395639   | -101.993375 |
| Plaza de Cobro La Calera             | 81.20    | 2  | 2  | 4413 | 0.1                                  | 29.7 | 2.6 | 7.5 | 9.9 | 29.9 | 5.5  | 12.0   | 2.8   | 29.8 | 2.6 | 67.6 | 0.101 | 0.500 | 20.395639   | -101.993375 |
| X. C. Manuel Doblado - La Piedad     | 81.86    | 3  | 1  | 3678 | 0.8                                  | 42.5 | 7.2 | 7.9 | 6.1 | 22.5 | 4.6  | 7.7    | 0.7   | 43.3 | 7.2 | 49.5 | 0.067 | 0.509 | 20.401101   | -102.014362 |
| X. C. Manuel Doblado - La Piedad     | 81.86    | 3  | 2  | 3817 | 0.7                                  | 39.2 | 7.1 | 7.2 | 6.9 | 25.4 | 4.9  | 7.9    | 0.7   | 39.9 | 7.1 | 53.0 | 0.058 | 0.509 | 20.401093   | -102.014339 |
| Lím. de Edos. Term. Gto. Ppia. Jal.  | 91.00    |    |    |      |                                      |      |     |     |     |      |      |        |       |      |     |      |       |       |             |             |
| Lím. de Edos. Term. Jal. Ppia. Mich. | 95.29    |    |    |      |                                      |      |     |     |     |      |      |        |       |      |     |      |       |       |             |             |
| T. C. Patti - Sahuayo                | 96.70    | 1  | 1  | 3298 | 0.6                                  | 44.9 | 6.4 | 6.5 | 5.6 | 21.0 | 4.5  | 10.0   | 0.5   | 45.5 | 6.4 | 48.1 | 0.093 | 0.506 | 20.377243   | -102.122840 |
| T. C. Patti - Sahuayo                | 96.70    | 1  | 2  | 3383 | 0.4                                  | 42.4 | 6.8 | 6.9 | 6.5 | 22.7 | 4.9  | 8.8    | 0.6   | 42.8 | 6.8 | 50.4 | 0.073 | 0.506 | 20.377198   | -102.122725 |

30 CARR: Libramiento Poniente de Irapuato (Cuota)

CLAVE: 11014

RUTA: MEX-IRA 020D

AÑO: 2019

| 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. Irapuato - León        | 0.00     | 3  | 0  | 2016 | 2.0                                  | 74.1 | 2.0 | 10.2 | 2.7 | 5.6  | 1.8  | 1.5    | 0.1   | 76.1 | 2.0 | 21.9 | 0.085 | 0.520 | 20.749208   | -101.366968 |
| Plaza de Cobro Arandas       | 5.11     | 2  | 0  | 1164 | 0.4                                  | 73.4 | 1.0 | 4.4  | 4.4 | 11.1 | 1.9  | 2.5    | 0.9   | 73.8 | 1.0 | 25.2 | 0.097 | 0.500 | 20.737556   | -101.379930 |
| Plaza de Cobro Yostiro       | 27.16    | 2  | 0  | 1505 | 1.1                                  | 77.1 | 0.8 | 4.2  | 3.9 | 8.7  | 1.5  | 2.0    | 0.7   | 78.2 | 0.8 | 21.0 | 0.097 | 0.500 | 20.601070   | -101.438526 |
| T. C. Irapuato - Zapotlanejo | 29.00    | 1  | 0  | 1411 | 1.6                                  | 75.0 | 1.8 | 8.6  | 2.9 | 5.8  | 2.0  | 2.2    | 0.1   | 76.6 | 1.8 | 21.6 | 0.086 | 0.501 | 20.608072   | -101.446973 |

GUANAJUATO

31 CARR: Morelia - Salamanca (Cuota)

CLAVE: 00124

RUTA: MEX-043D

AÑO: 2019

| 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. Morelia - Salamanca (Libre)  | 0.00     | 3  | 0  | 10284 | 0.7                                  | 76.3 | 3.6 | 5.7 | 1.9 | 4.8  | 1.6  | 4.7    | 0.7   | 77.0 | 3.6 | 19.4 | 0.074 | 0.502 | 19.915622   | -101.149795 |
| T. Der. Cuitzeo                    | 6.70     | 1  | 0  | 8988  | 0.7                                  | 77.2 | 3.3 | 6.0 | 1.9 | 4.7  | 1.5  | 4.3    | 0.4   | 77.9 | 3.3 | 18.8 | 0.072 | 0.502 | 19.963350   | -101.160085 |
| T. Der. Cuitzeo                    | 6.70     | 3  | 0  | 7652  | 0.5                                  | 75.8 | 3.8 | 5.2 | 1.8 | 5.5  | 1.6  | 5.3    | 0.5   | 76.3 | 3.8 | 19.9 | 0.097 | 0.511 | 19.979680   | -101.154612 |
| Lim. Edos. Term. Mich. Ppia. Gto.  | 17.85    |    |    |       |                                      |      |     |     |     |      |      |        |       |      |     |      |       |       |             |             |
| T. Izq. La Cinta                   | 19.30    | 1  | 0  | 7569  | 0.5                                  | 74.6 | 4.0 | 4.8 | 2.1 | 5.9  | 1.8  | 5.9    | 0.4   | 75.1 | 4.0 | 20.9 | 0.089 | 0.503 | 20.069200   | -101.136580 |
| T. Izq. La Cinta                   | 19.30    | 3  | 0  | 5026  | 0.6                                  | 72.3 | 3.7 | 4.6 | 1.9 | 6.6  | 1.9  | 7.7    | 0.7   | 72.9 | 3.7 | 23.4 | 0.110 | 0.512 | 20.084613   | -101.136880 |
| T. Der. Yuriria                    | 31.40    | 1  | 0  | 5038  | 1.2                                  | 69.6 | 4.4 | 5.5 | 1.7 | 8.1  | 2.1  | 6.6    | 0.8   | 70.8 | 4.4 | 24.8 | 0.086 | 0.535 | 20.168944   | -101.154651 |
| T. Der. Yuriria                    | 31.40    | 3  | 0  | 6367  | 0.6                                  | 74.1 | 4.4 | 4.8 | 1.6 | 5.9  | 1.9  | 6.0    | 0.7   | 74.7 | 4.4 | 20.9 | 0.070 | 0.507 | 20.186994   | -101.170594 |
| T. Izq. Valle de Santiago          | 57.12    | 1  | 0  | 6124  | 3.1                                  | 70.1 | 6.4 | 6.1 | 1.2 | 6.2  | 1.5  | 5.1    | 0.3   | 73.2 | 6.4 | 20.4 | 0.074 | 0.500 | 20.369199   | -101.148287 |
| T. Izq. Valle de Santiago          | 57.12    | 3  | 0  | 6702  | 0.6                                  | 72.2 | 5.5 | 5.4 | 1.4 | 6.2  | 1.7  | 6.3    | 0.7   | 72.8 | 5.5 | 21.7 | 0.098 | 0.508 | 20.384310   | -101.146931 |
| Plaza de Cobro Valtierra           | 76.39    | 2  | 0  | 6744  | 0.4                                  | 74.3 | 4.0 | 2.2 | 1.9 | 7.2  | 1.5  | 7.3    | 1.2   | 74.7 | 4.0 | 21.3 | 0.079 | 0.500 | 20.542634   | -101.137635 |
| T. C. Querétaro - Irapuato (Libre) | 77.09    | 1  | 0  | 5932  | 1.1                                  | 70.4 | 5.7 | 6.0 | 1.4 | 6.2  | 1.8  | 6.8    | 0.6   | 71.5 | 5.7 | 22.8 | 0.079 | 0.502 | 20.530972   | -101.140609 |
| T. C. Querétaro - Irapuato (Cuota) | 81.94    | 1  | 0  | 5492  | 2.2                                  | 73.5 | 3.2 | 5.9 | 1.1 | 7.2  | 1.9  | 4.6    | 0.4   | 75.7 | 3.2 | 21.1 | 0.109 | 0.522 | 20.561844   | -101.137765 |

32 CARR: Palmillas - Apaseo el Grande (Cuota)

CLAVE:

RUTA: MEX-045D

AÑO: 2019

| 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. México - Querétaro (Cuota)                 | 0.00     |    |    |      |                                      |      |      |     |     |      |      |        |       |      |      |      |       |       |             |             |
| Ent. Palmillas                                   | 4.00     | 1  | 1  | 5518 | 1.6                                  | 57.6 | 9.7  | 6.0 | 3.3 | 14.7 | 2.5  | 3.7    | 0.9   | 59.2 | 9.7  | 31.1 | 0.090 | 0.502 | 20.292684   | -99.929045  |
| Ent. Palmillas                                   | 4.00     | 1  | 2  | 5476 | 1.8                                  | 56.1 | 9.9  | 6.3 | 3.6 | 14.7 | 3.0  | 3.8    | 0.8   | 57.9 | 9.9  | 32.2 | 0.089 | 0.502 | 20.292533   | -99.929044  |
| Ent. Palmillas                                   | 4.00     | 3  | 1  | 6541 | 1.6                                  | 56.2 | 8.8  | 7.1 | 3.5 | 15.3 | 2.6  | 4.1    | 0.8   | 57.8 | 8.8  | 33.4 | 0.078 | 0.505 | 20.291168   | -99.944336  |
| Ent. Palmillas                                   | 4.00     | 3  | 2  | 6418 | 1.8                                  | 55.5 | 9.3  | 6.7 | 3.5 | 15.1 | 3.1  | 4.4    | 0.6   | 57.3 | 9.3  | 33.4 | 0.086 | 0.505 | 20.291088   | -99.944305  |
| T. Izq. Amealco                                  | 17.00    | 3  | 1  | 6510 | 2.4                                  | 55.7 | 9.1  | 5.2 | 4.6 | 15.2 | 2.5  | 4.3    | 1.0   | 58.1 | 9.1  | 32.8 | 0.081 | 0.505 | 20.282233   | -100.068197 |
| T. Izq. Amealco                                  | 17.00    | 3  | 2  | 6632 | 2.4                                  | 55.1 | 9.3  | 5.5 | 4.3 | 15.2 | 2.7  | 4.4    | 1.1   | 57.5 | 9.3  | 33.2 | 0.088 | 0.505 | 20.282160   | -100.068269 |
| T. C. (Villa del Pueblito - Huimilpan) - Coroneo | 42.30    | 3  | 1  | 6401 | 2.4                                  | 55.8 | 9.4  | 5.7 | 4.4 | 14.5 | 2.3  | 4.4    | 1.1   | 58.2 | 9.4  | 32.4 | 0.078 | 0.500 | 20.353982   | -100.289472 |
| T. C. (Villa del Pueblito - Huimilpan) - Coroneo | 42.30    | 3  | 2  | 6399 | 2.3                                  | 54.6 | 9.5  | 5.4 | 4.8 | 15.1 | 2.5  | 4.7    | 1.1   | 56.9 | 9.5  | 33.6 | 0.097 | 0.500 | 20.353901   | -100.289497 |
| Lim. Edos. Term. Qro. Ppia. Gto.                 | 67.00    |    |    |      |                                      |      |      |     |     |      |      |        |       |      |      |      |       |       |             |             |
| T. C. Querétaro - Irapuato (Cuota)               | 86.00    | 1  | 1  | 5739 | 2.3                                  | 56.1 | 10.6 | 5.2 | 3.2 | 15.2 | 2.2  | 4.2    | 1.0   | 58.4 | 10.6 | 31.0 | 0.078 | 0.503 | 20.517221   | -100.606254 |
| T. C. Querétaro - Irapuato (Cuota)               | 86.00    | 1  | 2  | 5664 | 2.5                                  | 53.3 | 12.2 | 5.4 | 3.3 | 14.8 | 2.4  | 4.9    | 1.2   | 55.8 | 12.2 | 32.0 | 0.088 | 0.503 | 20.517176   | -100.606343 |
| T. C. Querétaro - Irapuato (Cuota)               | 86.90    |    |    |      |                                      |      |      |     |     |      |      |        |       |      |      |      |       |       |             |             |

GUANAJUATO

33 CARR: Querétaro - Irapuato (Cuota)

CLAVE: 00423

RUTA: MEX-045D

AÑO: 2019

| 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    |
| Querétaro                                  | 0.00     | 3  | 1  | 22062 | 0.7                                  | 65.5 | 7.0 | 7.5  | 5.4 | 6.9  | 2.5  | 3.9    | 0.6   | 66.2 | 7.0 | 26.8 | 0.069 | 0.509 | 20.576635   | -100.420289 |
| Querétaro                                  | 0.00     | 3  | 2  | 21303 | 0.7                                  | 63.7 | 7.2 | 7.9  | 5.8 | 7.6  | 2.7  | 3.8    | 0.6   | 64.4 | 7.2 | 28.4 | 0.073 | 0.509 | 20.576494   | -100.420309 |
| Plaza de Cobro Querétaro                   | 7.00     | 2  | 1  | 8575  | 0.3                                  | 68.1 | 5.2 | 5.4  | 3.8 | 12.3 | 1.0  | 3.1    | 0.8   | 68.4 | 5.2 | 26.4 | 0.079 | 0.500 | 20.572203   | -100.472827 |
| Plaza de Cobro Querétaro                   | 7.00     | 2  | 2  | 8575  | 0.3                                  | 68.1 | 5.2 | 5.4  | 3.8 | 12.3 | 1.0  | 3.1    | 0.8   | 68.4 | 5.2 | 26.4 | 0.079 | 0.500 | 20.572203   | -100.472827 |
| Lim. Edos. Term. Qro. Ppia. Gto.           | 8.97     |    |    |       |                                      |      |     |      |     |      |      |        |       |      |     |      |       |       |             |             |
| T. C. Palmillas - Apaseo el Grande (Cuota) | 24.50    | 1  | 1  | 12548 | 0.9                                  | 69.3 | 1.6 | 5.9  | 5.9 | 10.4 | 1.3  | 3.7    | 1.0   | 70.2 | 1.6 | 28.2 | 0.091 | 0.515 | 20.532443   | -100.618916 |
| T. C. Palmillas - Apaseo el Grande (Cuota) | 24.50    | 1  | 2  | 11807 | 1.1                                  | 67.7 | 1.6 | 6.3  | 6.1 | 10.4 | 1.2  | 4.6    | 1.0   | 68.8 | 1.6 | 29.6 | 0.091 | 0.515 | 20.532346   | -100.618960 |
| T. C. Palmillas - Apaseo el Grande (Cuota) | 24.50    | 3  | 1  | 12732 | 0.9                                  | 70.0 | 1.5 | 5.5  | 5.9 | 10.3 | 1.2  | 3.8    | 0.9   | 70.9 | 1.5 | 27.6 | 0.086 | 0.514 | 20.532366   | -100.631339 |
| T. C. Palmillas - Apaseo el Grande (Cuota) | 24.50    | 3  | 2  | 12043 | 1.0                                  | 67.6 | 1.7 | 6.1  | 6.1 | 11.0 | 1.3  | 4.2    | 1.0   | 68.6 | 1.7 | 29.7 | 0.092 | 0.514 | 20.532259   | -100.631354 |
| T. C. Libramiento de Celaya (Cuota)        | 37.20    | 3  | 1  | 14166 | 0.8                                  | 69.9 | 2.4 | 6.1  | 5.1 | 9.7  | 1.2  | 3.9    | 0.9   | 70.7 | 2.4 | 26.9 | 0.092 | 0.524 | 20.547722   | -100.751938 |
| T. C. Libramiento de Celaya (Cuota)        | 37.20    | 3  | 2  | 12864 | 1.0                                  | 67.2 | 2.6 | 6.4  | 5.9 | 10.8 | 1.3  | 3.9    | 0.9   | 68.2 | 2.6 | 29.2 | 0.089 | 0.524 | 20.547556   | -100.752016 |
| X. C. Celaya - Dolores Hidalgo             | 44.10    | 1  | 1  | 17409 | 0.7                                  | 68.2 | 5.3 | 7.9  | 3.2 | 7.7  | 1.8  | 4.6    | 0.6   | 68.9 | 5.3 | 25.8 | 0.068 | 0.503 | 20.556893   | -100.811184 |
| X. C. Celaya - Dolores Hidalgo             | 44.10    | 1  | 2  | 17587 | 0.7                                  | 68.4 | 5.2 | 7.8  | 3.2 | 7.7  | 1.8  | 4.6    | 0.6   | 69.1 | 5.2 | 25.7 | 0.073 | 0.503 | 20.556733   | -100.811205 |
| T. Der. Juventino Rosas                    | 63.00    | 3  | 1  | 13936 | 0.9                                  | 65.1 | 5.2 | 7.5  | 4.9 | 9.0  | 1.7  | 4.8    | 0.9   | 66.0 | 5.2 | 28.8 | 0.084 | 0.505 | 20.581331   | -100.995282 |
| T. Der. Juventino Rosas                    | 63.00    | 3  | 2  | 14215 | 0.8                                  | 67.2 | 5.2 | 7.1  | 4.3 | 8.5  | 1.6  | 4.6    | 0.7   | 68.0 | 5.2 | 26.8 | 0.090 | 0.505 | 20.581160   | -100.995294 |
| T. C. Salamanca - León (Cuota)             | 78.00    | 1  | 1  | 14214 | 0.9                                  | 67.4 | 5.1 | 7.2  | 4.5 | 8.3  | 1.5  | 4.4    | 0.7   | 68.3 | 5.1 | 26.6 | 0.088 | 0.500 | 20.589767   | -101.111863 |
| T. C. Salamanca - León (Cuota)             | 78.00    | 1  | 2  | 14203 | 0.8                                  | 64.7 | 5.4 | 7.9  | 4.8 | 9.3  | 1.6  | 4.7    | 0.8   | 65.5 | 5.4 | 29.1 | 0.085 | 0.500 | 20.589588   | -101.111814 |
| T. Izq. Salamanca                          | 81.54    | 1  | 1  | 7654  | 0.9                                  | 68.8 | 6.0 | 7.4  | 3.3 | 7.4  | 1.5  | 4.3    | 0.4   | 69.7 | 6.0 | 24.3 | 0.064 | 0.504 | 20.593161   | -101.153872 |
| T. Izq. Salamanca                          | 81.54    | 1  | 2  | 7535  | 0.9                                  | 69.2 | 6.0 | 7.2  | 3.1 | 7.4  | 1.6  | 4.2    | 0.4   | 70.1 | 6.0 | 23.9 | 0.071 | 0.504 | 20.592994   | -101.153935 |
| T. Izq. Salamanca                          | 81.54    | 3  | 1  | 8101  | 0.9                                  | 65.5 | 5.7 | 8.2  | 3.3 | 9.7  | 2.0  | 4.2    | 0.5   | 66.4 | 5.7 | 27.9 | 0.067 | 0.510 | 20.599583   | -101.186100 |
| T. Izq. Salamanca                          | 81.54    | 3  | 2  | 7781  | 1.0                                  | 65.5 | 5.5 | 8.4  | 3.5 | 9.4  | 1.7  | 4.5    | 0.5   | 66.5 | 5.5 | 28.0 | 0.071 | 0.510 | 20.599384   | -101.186170 |
| Plaza de Cobro Salamanca                   | 83.25    | 2  | 1  | 6228  | 0.2                                  | 58.2 | 4.3 | 6.4  | 6.8 | 15.9 | 1.8  | 5.6    | 0.8   | 58.4 | 4.3 | 37.3 | 0.079 | 0.500 | 20.598482   | -101.180975 |
| Plaza de Cobro Salamanca                   | 83.25    | 2  | 2  | 6228  | 0.2                                  | 58.2 | 4.3 | 6.4  | 6.8 | 15.9 | 1.8  | 5.6    | 0.8   | 58.4 | 4.3 | 37.3 | 0.079 | 0.500 | 20.598482   | -101.180975 |
| T. Der. Libramiento de Irapuato            | 96.30    | 1  | 1  | 8122  | 1.2                                  | 65.4 | 5.5 | 8.5  | 3.6 | 9.5  | 1.6  | 4.3    | 0.4   | 66.6 | 5.5 | 27.9 | 0.069 | 0.505 | 20.650790   | -101.283055 |
| T. Der. Libramiento de Irapuato            | 96.30    | 1  | 2  | 7946  | 1.5                                  | 63.0 | 6.2 | 8.8  | 3.6 | 9.9  | 1.7  | 4.8    | 0.5   | 64.5 | 6.2 | 29.3 | 0.071 | 0.505 | 20.650668   | -101.283184 |
| T. Der. Libramiento de Irapuato            | 96.30    | 3  | 1  | 20454 | 0.7                                  | 69.9 | 3.5 | 9.2  | 3.8 | 7.8  | 2.2  | 2.1    | 0.8   | 70.6 | 3.5 | 25.9 | 0.065 | 0.501 | 20.654570   | -101.295029 |
| T. Der. Libramiento de Irapuato            | 96.30    | 3  | 2  | 20389 | 1.0                                  | 66.5 | 3.8 | 10.0 | 4.1 | 8.9  | 2.4  | 2.5    | 0.8   | 67.5 | 3.8 | 28.7 | 0.061 | 0.501 | 20.654531   | -101.293805 |
| T. C. Irapuato - Zapotlanejo               | 104.70   |    |    |       |                                      |      |     |      |     |      |      |        |       |      |     |      |       |       |             |             |

34 CARR: Salamanca - León (Cuota)

CLAVE:

RUTA: MEX-045D

AÑO: 2019

| 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. Querétaro - Irapuato (Cuota) | 0.00     | 3  | 1  | 8333 | 0.8                                  | 68.0 | 5.4 | 5.7 | 2.2 | 10.8 | 2.0  | 3.9    | 1.2   | 68.8 | 5.4 | 25.8 | 0.073 | 0.514 | 20.601371   | -101.141470 |
| T. C. Querétaro - Irapuato (Cuota) | 0.00     | 3  | 2  | 8800 | 0.7                                  | 65.9 | 5.4 | 6.2 | 2.2 | 11.9 | 2.0  | 4.3    | 1.4   | 66.6 | 5.4 | 28.0 | 0.108 | 0.514 | 20.601394   | -101.141652 |

GUANAJUATO

34 CARR: Salamanca - León (Cuota)

CLAVE:

RUTA: MEX-045D

AÑO: 2019

| 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    |
| Plaza de Cobro Mendoza                         | 12.60    | 2  | 1  | 9220 | 0.4                                  | 66.0 | 2.9 | 9.5  | 0.0 | 16.6 | 0.0  | 0.0    | 4.6   | 66.4 | 2.9 | 30.7 | 0.090 | 0.500 | 20.673077   | -101.213540 |
| Plaza de Cobro Mendoza                         | 12.60    | 2  | 2  | 9220 | 0.4                                  | 66.0 | 2.9 | 9.5  | 0.0 | 16.6 | 0.0  | 0.0    | 4.6   | 66.4 | 2.9 | 30.7 | 0.090 | 0.500 | 20.673077   | -101.213540 |
| T. C. Irapuato - León                          | 28.63    | 1  | 1  | 8151 | 0.7                                  | 75.5 | 3.1 | 4.0  | 1.6 | 8.4  | 2.1  | 3.2    | 1.4   | 76.2 | 3.1 | 20.7 | 0.077 | 0.518 | 20.746999   | -101.322566 |
| T. C. Irapuato - León                          | 28.63    | 1  | 2  | 7593 | 0.7                                  | 71.7 | 3.7 | 4.9  | 1.8 | 10.7 | 2.0  | 3.4    | 1.1   | 72.4 | 3.7 | 23.9 | 0.088 | 0.518 | 20.746997   | -101.322566 |
| T. C. Libramiento Poniente de Irapuato (Cuota) | 30.70    | 3  | 1  | 5470 | 1.5                                  | 57.6 | 6.0 | 7.9  | 2.8 | 15.1 | 2.3  | 5.9    | 0.9   | 59.1 | 6.0 | 34.9 | 0.074 | 0.512 | 20.761617   | -101.381979 |
| T. C. Libramiento Poniente de Irapuato (Cuota) | 30.70    | 3  | 2  | 5210 | 1.5                                  | 58.5 | 5.5 | 6.9  | 3.2 | 14.6 | 2.7  | 6.2    | 0.9   | 60.0 | 5.5 | 34.5 | 0.071 | 0.512 | 20.761437   | -101.382181 |
| T. Der. Puerto Interior de Guanajuato          | 63.50    | 1  | 1  | 5538 | 1.2                                  | 56.9 | 6.2 | 8.7  | 3.1 | 15.5 | 2.1  | 5.5    | 0.8   | 58.1 | 6.2 | 35.7 | 0.080 | 0.508 | 20.975951   | -101.531194 |
| T. Der. Puerto Interior de Guanajuato          | 63.50    | 1  | 2  | 5354 | 1.8                                  | 59.9 | 5.7 | 8.3  | 2.3 | 13.1 | 2.0  | 5.9    | 1.0   | 61.7 | 5.7 | 32.6 | 0.066 | 0.508 | 20.975770   | -101.531346 |
| T. Der. Puerto Interior de Guanajuato          | 63.50    | 3  | 1  | 4094 | 2.2                                  | 61.0 | 7.2 | 6.6  | 2.9 | 14.0 | 1.5  | 3.8    | 0.8   | 63.2 | 7.2 | 29.6 | 0.117 | 0.521 | 20.988180   | -101.547691 |
| T. Der. Puerto Interior de Guanajuato          | 63.50    | 3  | 2  | 3757 | 2.2                                  | 58.0 | 8.5 | 7.0  | 2.8 | 14.9 | 1.7  | 4.2    | 0.7   | 60.2 | 8.5 | 31.3 | 0.116 | 0.521 | 20.987983   | -101.547875 |
| Plaza de Cobro Puerto Interior Gto.            | 63.80    | 2  | 1  | 5845 | 0.4                                  | 62.4 | 2.9 | 10.1 | 0.0 | 17.1 | 0.0  | 0.0    | 7.1   | 62.8 | 2.9 | 34.3 | 0.090 | 0.500 | 20.983902   | -101.542303 |
| Plaza de Cobro Puerto Interior Gto.            | 63.80    | 2  | 2  | 5845 | 0.4                                  | 62.4 | 2.9 | 10.1 | 0.0 | 17.1 | 0.0  | 0.0    | 7.1   | 62.8 | 2.9 | 34.3 | 0.090 | 0.500 | 20.983902   | -101.542303 |
| T. C. León - Agascalientes (Cuota)             | 81.40    | 1  | 1  | 4967 | 2.3                                  | 59.6 | 5.9 | 8.8  | 2.8 | 12.0 | 1.9  | 5.8    | 0.9   | 61.9 | 5.9 | 32.2 | 0.087 | 0.512 | 21.037914   | -101.625385 |
| T. C. León - Agascalientes (Cuota)             | 81.40    | 1  | 2  | 4739 | 2.1                                  | 59.9 | 6.0 | 8.4  | 2.7 | 12.9 | 1.9  | 5.3    | 0.8   | 62.0 | 6.0 | 32.0 | 0.088 | 0.512 | 21.037768   | -101.625519 |

35 CARR: Ent. Begoña - Ent. Presa de Manantiales

CLAVE: 11812

RUTA: GTO

AÑO: 2019

| 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. Celaya - Dolores Hidalgo | 0.00     | 3  | 0  | 2276 | 1.6                                  | 84.1 | 3.0 | 7.5  | 0.6 | 1.5  | 1.0  | 0.0    | 0.7   | 85.7 | 3.0 | 11.3 | 0.097 | 0.521 | 20.833395   | -100.800193 |
| T. C. Guanajuato - Santa Rita  | 37.00    | 1  | 0  | 4418 | 0.8                                  | 81.2 | 1.8 | 11.5 | 1.1 | 2.3  | 0.9  | 0.1    | 0.3   | 82.0 | 1.8 | 16.2 | 0.087 | 0.508 | 20.889845   | -101.026222 |

36 CARR: Ent. San Miguel de Allende - Dr. Mora

CLAVE: 11001

RUTA: GTO-001

AÑO: 2019

| 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. Buenavista - San Miguel de Allende | 0.00     | 3  | 0  | 7182 | 2.0                                  | 80.2 | 2.4 | 7.2  | 2.8 | 3.9  | 0.8  | 0.3    | 0.4   | 82.2 | 2.4 | 15.4 | 0.079 | 0.514 | 20.917017   | -100.703160 |
| X. C. Querétaro - San Luis Potosí             | 32.00    | 1  | 0  | 4855 | 4.6                                  | 70.6 | 0.9 | 16.6 | 2.6 | 2.6  | 1.7  | 0.2    | 0.2   | 75.2 | 0.9 | 23.9 | 0.084 | 0.502 | 21.074070   | -100.529635 |
| X. C. Querétaro - San Luis Potosí             | 32.00    | 3  | 0  | 6098 | 7.1                                  | 69.6 | 2.1 | 14.3 | 2.8 | 2.2  | 1.8  | 0.1    | 0.0   | 76.7 | 2.1 | 21.2 | 0.076 | 0.508 | 21.084795   | -100.504141 |
| X. C. San Luis de La Paz - San José Iturbide  | 38.00    | 3  | 0  | 3333 | 3.7                                  | 75.0 | 1.0 | 15.1 | 2.9 | 1.4  | 0.4  | 0.4    | 0.1   | 78.7 | 1.0 | 20.3 | 0.093 | 0.527 | 21.104295   | -100.443950 |
| Dr. Mora                                      | 54.00    |    |    |      |                                      |      |     |      |     |      |      |        |       |      |     |      |       |       |             |             |

GUANAJUATO

37 CARR: Guanajuato - Santa Rita

CLAVE: 11810

ruta: GTO

AÑO: 2019

| 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. Guanajuato - Los Infantes | 0.00     | 3  | 1  | 31102 | 2.2                                  | 86.3 | 1.5 | 6.4  | 0.8 | 1.0  | 1.1  | 0.2    | 0.5   | 88.5 | 1.5 | 10.0 | 0.080 | 0.504 | 20.989911   | -101.285301 |
| T. C. Guanajuato - Los Infantes | 0.00     | 3  | 2  | 31651 | 2.4                                  | 87.4 | 1.3 | 5.6  | 0.8 | 0.9  | 1.0  | 0.2    | 0.4   | 89.8 | 1.3 | 8.9  | 0.084 | 0.504 | 20.989925   | -101.285157 |
| T. Der. PuenteCillas            | 3.06     | 1  | 1  | 26218 | 5.8                                  | 80.5 | 1.5 | 9.3  | 0.9 | 0.8  | 0.9  | 0.1    | 0.2   | 86.3 | 1.5 | 12.2 | 0.082 | 0.502 | 20.971156   | -101.279152 |
| T. Der. PuenteCillas            | 3.06     | 1  | 2  | 25986 | 6.1                                  | 81.9 | 1.3 | 7.4  | 1.1 | 1.0  | 1.0  | 0.1    | 0.1   | 88.0 | 1.3 | 10.7 | 0.079 | 0.502 | 20.971160   | -101.279017 |
| T. Der. PuenteCillas            | 3.06     | 3  | 0  | 11087 | 2.0                                  | 85.9 | 1.2 | 7.0  | 0.7 | 2.9  | 0.2  | 0.1    | 0.0   | 87.9 | 1.2 | 10.9 | 0.086 | 0.502 | 20.957011   | -101.269362 |
| T. Izq. San Miguel de Allende   | 35.45    | 1  | 0  | 5052  | 1.0                                  | 86.2 | 1.5 | 7.6  | 0.8 | 1.9  | 0.7  | 0.1    | 0.2   | 87.2 | 1.5 | 11.3 | 0.091 | 0.503 | 20.889820   | -101.031722 |
| T. Izq. San Miguel de Allende   | 35.45    | 3  | 0  | 1482  | 1.7                                  | 78.9 | 0.9 | 15.1 | 1.3 | 1.2  | 0.6  | 0.2    | 0.1   | 80.6 | 0.9 | 18.5 | 0.087 | 0.515 | 20.884702   | -101.025790 |
| T. Der. Juventino Rosas         | 71.62    | 1  | 1  | 1389  | 3.1                                  | 81.5 | 0.4 | 9.2  | 3.0 | 1.5  | 1.2  | 0.0    | 0.1   | 84.6 | 0.4 | 15.0 | 0.106 | 0.522 | 20.659786   | -100.996189 |
| T. Der. Juventino Rosas         | 71.62    | 1  | 2  | 1264  | 2.1                                  | 80.3 | 0.6 | 10.6 | 3.5 | 1.4  | 1.4  | 0.0    | 0.1   | 82.4 | 0.6 | 17.0 | 0.091 | 0.522 | 20.659795   | -100.996162 |
| T. Der. Juventino Rosas         | 71.62    | 3  | 1  | 5077  | 3.8                                  | 81.2 | 0.7 | 10.4 | 1.8 | 1.3  | 0.6  | 0.1    | 0.1   | 85.0 | 0.7 | 14.3 | 0.088 | 0.504 | 20.625730   | -100.961975 |
| T. Der. Juventino Rosas         | 71.62    | 3  | 2  | 5045  | 3.8                                  | 82.1 | 0.6 | 9.6  | 1.9 | 1.3  | 0.5  | 0.1    | 0.1   | 85.9 | 0.6 | 13.5 | 0.091 | 0.504 | 20.625798   | -100.961931 |
| T. C. Celaya - Dolores Hidalgo  | 92.00    | 1  | 1  | 6504  | 2.5                                  | 86.9 | 2.4 | 5.8  | 1.0 | 0.7  | 0.5  | 0.1    | 0.1   | 89.4 | 2.4 | 8.2  | 0.085 | 0.513 | 20.576343   | -100.824255 |
| T. C. Celaya - Dolores Hidalgo  | 92.00    | 1  | 2  | 6860  | 2.1                                  | 86.1 | 2.5 | 6.7  | 1.1 | 0.8  | 0.5  | 0.1    | 0.1   | 88.2 | 2.5 | 9.3  | 0.094 | 0.513 | 20.576384   | -100.824221 |

38 CARR: Jalostotitlán - Purísima de Bustos

CLAVE: 00142

ruta: JAL-GTO

AÑO: 2019

| 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    |
| Jalostotitlán                    | 0.00     | 3  | 0  | 5325 | 3.1                                  | 83.4 | 0.9 | 8.9  | 2.3 | 0.7  | 0.5  | 0.2    | 0.0   | 86.5 | 0.9 | 12.6 | 0.075 | 0.502 | 21.148654   | -102.461155 |
| San Miguel El Alto               | 19.00    | 3  | 0  | 6070 | 4.7                                  | 75.6 | 2.3 | 11.6 | 3.1 | 1.5  | 0.8  | 0.3    | 0.1   | 80.3 | 2.3 | 17.4 | 0.077 | 0.515 | 21.025887   | -102.373883 |
| San Diego de Alejandria          | 63.00    | 3  | 0  | 4861 | 2.1                                  | 78.7 | 1.4 | 10.9 | 3.3 | 2.4  | 0.8  | 0.2    | 0.2   | 80.8 | 1.4 | 17.8 | 0.073 | 0.514 | 21.005495   | -101.977864 |
| Lim. Edos. Term. Jal. Ppia. Gto. | 66.00    |    |    |      |                                      |      |     |      |     |      |      |        |       |      |     |      |       |       |             |             |
| Purísima de Bustos               | 78.00    | 1  | 0  | 4553 | 0.8                                  | 78.5 | 1.1 | 11.1 | 2.6 | 3.7  | 1.3  | 0.3    | 0.6   | 79.3 | 1.1 | 19.6 | 0.075 | 0.502 | 21.016266   | -101.894596 |

39 CARR: León - Manuel Doblado

CLAVE: 11069

ruta: GTO-037

AÑO: 2019

| 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    |
| León                                | 0.00     | 3  | 1  | 22200 | 4.9                                  | 83.8 | 0.6 | 8.1 | 1.1 | 0.9  | 0.4  | 0.2    | 0.0   | 88.7 | 0.6 | 10.7 | 0.072 | 0.511 | 21.091871   | -101.733861 |
| León                                | 0.00     | 3  | 2  | 23178 | 4.9                                  | 83.6 | 0.6 | 8.3 | 1.2 | 0.9  | 0.3  | 0.2    | 0.0   | 88.5 | 0.6 | 10.9 | 0.075 | 0.511 | 21.091868   | -101.733873 |
| X. C. León - Aguascalientes (Cuota) | 4.60     | 3  | 1  | 22334 | 4.1                                  | 82.4 | 1.8 | 8.4 | 1.7 | 1.0  | 0.4  | 0.1    | 0.1   | 86.5 | 1.8 | 11.7 | 0.073 | 0.517 | 21.078943   | -101.750435 |
| X. C. León - Aguascalientes (Cuota) | 4.60     | 3  | 2  | 23902 | 4.2                                  | 82.9 | 1.6 | 8.3 | 1.6 | 0.9  | 0.3  | 0.1    | 0.1   | 87.1 | 1.6 | 11.3 | 0.085 | 0.517 | 21.079062   | -101.750543 |
| San Francisco del Rincón            | 23.00    | 1  | 1  | 15945 | 5.2                                  | 82.4 | 0.7 | 8.4 | 1.2 | 1.4  | 0.4  | 0.2    | 0.1   | 87.6 | 0.7 | 11.7 | 0.094 | 0.515 | 21.041031   | -101.808413 |
| San Francisco del Rincón            | 23.00    | 1  | 2  | 16906 | 5.7                                  | 82.5 | 0.7 | 8.0 | 1.1 | 1.3  | 0.4  | 0.2    | 0.1   | 88.2 | 0.7 | 11.1 | 0.091 | 0.515 | 21.041025   | -101.808416 |
| Purísima de Bustos                  | 26.00    | 1  | 1  | 13611 | 11.8                                 | 82.6 | 0.2 | 4.8 | 0.3 | 0.1  | 0.2  | 0.0    | 0.0   | 94.4 | 0.2 | 5.4  | 0.083 | 0.504 | 21.028688   | -101.866388 |

GUANAJUATO

39 CARR: León - Manuel Doblado

CLAVE: 11069

RUTA: GTO-037

AÑO: 2019

| 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    |
| Purísima de Bustos         | 26.00           | 1  | 2  | 13854 | 12.2                                                                 | 82.1 | 0.3 | 4.8  | 0.4 | 0.1  | 0.1  | 0.0    | 0.0   | 94.3 | 0.3 | 5.4  | 0.080 | 0.504 | 21.028848             | -101.865406 |
| T. Der. San Julián         | 29.00           | 1  | 0  | 6123  | 2.7                                                                  | 80.6 | 1.5 | 14.0 | 0.8 | 0.2  | 0.2  | 0.0    | 0.0   | 83.3 | 1.5 | 15.2 | 0.097 | 0.519 | 21.030651             | -101.887985 |
| T. Der. San Julián         | 29.00           | 3  | 0  | 4907  | 3.1                                                                  | 83.5 | 1.0 | 10.8 | 1.1 | 0.3  | 0.2  | 0.0    | 0.0   | 86.6 | 1.0 | 12.4 | 0.091 | 0.524 | 21.007496             | -101.891773 |
| T. Izq. Guadalupe de Jalpa | 51.00           | 3  | 0  | 1466  | 2.7                                                                  | 76.9 | 1.8 | 16.8 | 1.2 | 0.4  | 0.2  | 0.0    | 0.0   | 79.6 | 1.8 | 18.6 | 0.098 | 0.537 | 20.866417             | -101.992395 |
| Manuel Doblado             | 68.00           | 1  | 0  | 3346  | 1.7                                                                  | 89.5 | 0.4 | 6.2  | 0.5 | 1.3  | 0.3  | 0.0    | 0.1   | 91.2 | 0.4 | 8.4  | 0.083 | 0.552 | 20.739268             | -101.954611 |

40 CARR: León - San Felipe Torres Mochas

CLAVE: 11036

RUTA: GTO

AÑO: 2019

| 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    |
| León                             | 0.00            | 3  | 1  | 13952 | 2.3                                                                     | 68.9 | 5.3 | 7.6  | 3.9 | 3.1  | 2.0  | 5.6    | 1.3   | 71.2 | 5.3 | 23.5 | 0.076 | 0.514                 | 21.169700 | -101.664363 |
| León                             | 0.00            | 3  | 2  | 14748 | 1.9                                                                     | 68.6 | 5.3 | 8.2  | 3.9 | 3.1  | 2.0  | 5.9    | 1.1   | 70.5 | 5.3 | 24.2 | 0.071 | 0.514                 | 21.169692 | -101.664389 |
| X. C. Libramiento de León        | 6.50            | 3  | 0  | 13607 | 2.1                                                                     | 73.2 | 4.4 | 6.4  | 3.5 | 2.5  | 1.9  | 5.0    | 1.0   | 75.3 | 4.4 | 20.3 | 0.069 | 0.512                 | 21.205692 | -101.678833 |
| Lim. Edos. Term. Gto. Ppia. Jal. | 17.00           |    |    |       |                                                                         |      |     |      |     |      |      |        |       |      |     |      |       |                       |           |             |
| Lim. Edos. Term. Jal. Ppia. Gto. | 38.00           |    |    |       |                                                                         |      |     |      |     |      |      |        |       |      |     |      |       |                       |           |             |
| San Felipe Torres Mochas         | 98.00           | 1  | 0  | 9857  | 1.6                                                                     | 60.2 | 3.2 | 10.7 | 2.6 | 15.5 | 2.8  | 2.1    | 1.3   | 61.8 | 3.2 | 35.0 | 0.058 | 0.522                 | 21.426473 | -101.238515 |

41 CARR: Libramiento de Abasolo

CLAVE: 11011

RUTA: GTO

AÑO: 2019

| 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. Irapuato - Guadalajara (1º Acceso) | 0.00            | 3  | 1  | 11536 | 1.3                                                                     | 65.6 | 3.8 | 9.3  | 4.2 | 10.8 | 2.5  | 2.3    | 0.2   | 66.9 | 3.8 | 29.3 | 0.065 | 0.500 | 20.463156             | -101.521236 |
| T. C. Irapuato - Guadalajara (1º Acceso) | 0.00            | 3  | 2  | 11552 | 1.0                                                                     | 64.0 | 3.3 | 10.9 | 3.8 | 11.4 | 2.9  | 2.4    | 0.3   | 65.0 | 3.3 | 31.7 | 0.069 | 0.500 | 20.463042             | -101.521155 |
| T. C. Irapuato - Zapotlanejo (2º Acceso) | 2.50            |    |    |       |                                                                         |      |     |      |     |      |      |        |       |      |     |      |       |       |                       |             |

42 CARR: Libramiento de Salamanca

CLAVE: 11002

RUTA: GTO

AÑO: 2019

| 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. Querétaro - Irapuato (Libre) Oriente  | 0.00            | 3  | 1  | 14264 | 2.0                                                                     | 71.6 | 1.9 | 7.7 | 3.6 | 8.2  | 2.8  | 1.8    | 0.4   | 73.6 | 1.9 | 24.5 | 0.075 | 0.500 | 20.555242             | -101.173026 |
| T. C. Querétaro - Irapuato (Libre) Oriente  | 0.00            | 3  | 2  | 14266 | 2.0                                                                     | 72.4 | 2.2 | 7.5 | 3.1 | 8.0  | 2.7  | 1.7    | 0.4   | 74.4 | 2.2 | 23.4 | 0.082 | 0.500 | 20.555157             | -101.172916 |
| T. C. Querétaro - Irapuato (Libre) Poniente | 11.00           | 1  | 1  | 20397 | 1.3                                                                     | 78.7 | 1.6 | 5.8 | 3.0 | 5.7  | 2.3  | 1.1    | 0.5   | 80.0 | 1.6 | 18.4 | 0.063 | 0.541 | 20.575030             | -101.226457 |
| T. C. Querétaro - Irapuato (Libre) Poniente | 11.00           | 1  | 2  | 23999 | 0.8                                                                     | 77.5 | 1.7 | 6.1 | 3.1 | 6.5  | 2.6  | 1.2    | 0.5   | 78.3 | 1.7 | 20.0 | 0.070 | 0.541 | 20.575009             | -101.226630 |

GUANAJUATO

43 CARR: Libramiento de Salvatierra

CLAVE: 11012

RUTA: GTO

AÑO: 2019

| 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. Acámbaro - Celaya                         | 0.00            |    |    |       |                                                                   |      |     |     |     |      |      |        |       |      |     |      |       |       |                       |             |
| T. C. Salvatierra - (T. C. Morelia - Salamanca) | 2.50            | 3  | 1  | 10615 | 7.4                                                               | 77.4 | 1.3 | 9.8 | 2.0 | 1.1  | 0.7  | 0.2    | 0.1   | 84.8 | 1.3 | 13.9 | 0.078 | 0.509 | 20.219610             | -100.891078 |
| T. C. Salvatierra - (T. C. Morelia - Salamanca) | 2.50            | 3  | 2  | 11011 | 7.1                                                               | 79.7 | 1.3 | 7.9 | 2.1 | 1.1  | 0.6  | 0.2    | 0.0   | 86.8 | 1.3 | 11.9 | 0.074 | 0.509 | 20.219739             | -100.891074 |
| T. C. Acámbaro - Celaya                         | 4.50            | 1  | 1  | 10981 | 5.8                                                               | 78.5 | 1.2 | 5.0 | 1.2 | 3.7  | 3.1  | 0.8    | 0.7   | 84.3 | 1.2 | 14.5 | 0.070 | 0.503 | 20.218455             | -100.878977 |
| T. C. Acámbaro - Celaya                         | 4.50            | 1  | 2  | 10845 | 6.0                                                               | 77.2 | 1.3 | 5.3 | 1.3 | 3.7  | 3.5  | 0.9    | 0.8   | 83.2 | 1.3 | 15.5 | 0.068 | 0.503 | 20.218554             | -100.878866 |

44 CARR: Libramiento de San Felipe Torres Mochas

CLAVE: 11012

RUTA: GTO

AÑO: 2019

| 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. León - San Felipe Torres Mochas | 0.00            | 3  | 0  | 5578 | 1.0                                                               | 54.6 | 3.2 | 7.0 | 3.5 | 24.2 | 2.9  | 2.8    | 0.8   | 55.6 | 3.2 | 41.2 | 0.071 | 0.511 | 21.435635             | -101.229500 |
| T. C. Ent. de Zaragoza - San Felipe   | 10.00           | 1  | 0  | 5031 | 1.1                                                               | 52.7 | 2.9 | 7.6 | 4.2 | 24.4 | 4.0  | 2.5    | 0.6   | 53.8 | 2.9 | 43.3 | 0.068 | 0.501 | 21.474043             | -101.161054 |

45 CARR: Libramiento de San Luis de La Paz

CLAVE: 11014

RUTA: GTO

AÑO: 2019

| 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 de La Paz - Guanajuato       | 0.00            | 3  | 1  | 7237 | 9.0                                                                     | 80.6 | 0.7 | 9.1  | 0.4 | 0.1  | 0.1  | 0.0    | 0.0   | 89.6 | 0.7 | 9.7  | 0.103 | 0.539 | 21.291946             | -100.529964 |
| T. C. San Luis de La Paz - Guanajuato       | 0.00            | 3  | 2  | 6179 | 9.6                                                                     | 79.0 | 0.3 | 10.2 | 0.5 | 0.2  | 0.2  | 0.0    | 0.0   | 88.6 | 0.3 | 11.1 | 0.097 | 0.539 | 21.292062             | -100.529831 |
| T. C. San Luis de La Paz - Cañada de Moreno | 3.60            | 1  | 1  | 2741 | 5.7                                                                     | 76.6 | 0.5 | 16.0 | 0.5 | 0.5  | 0.1  | 0.0    | 0.1   | 82.3 | 0.5 | 17.2 | 0.099 | 0.501 | 21.293407             | -100.490116 |
| T. C. San Luis de La Paz - Cañada de Moreno | 3.60            | 1  | 2  | 2761 | 5.9                                                                     | 78.0 | 0.4 | 14.5 | 0.5 | 0.3  | 0.2  | 0.0    | 0.2   | 83.9 | 0.4 | 15.7 | 0.074 | 0.501 | 21.293428             | -100.490244 |

46 CARR: Manuel Doblado - Plan de Ayala

CLAVE: 11028

RUTA: GTO

AÑO: 2019

| 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. Manuel Doblado - La Piedad   | 0.00            | 3  | 0  | 5659 | 10.3                                                                    | 71.5 | 1.8 | 12.9 | 2.0 | 1.0  | 0.5  | 0.0    | 0.0   | 81.8 | 1.8 | 16.4 | 0.092 | 0.503                 | 20.744141 | -101.929068 |
| T. Izq. a San Francisco del Rincón | 31.49           | 1  | 0  | 6252 | 5.7                                                                     | 80.6 | 0.7 | 10.1 | 1.1 | 1.1  | 0.6  | 0.1    | 0.0   | 86.3 | 0.7 | 13.0 | 0.081 | 0.510                 | 20.978005 | -101.846487 |
| Plan de Ayala                      | 48.35           | 1  | 0  | 5749 | 5.3                                                                     | 79.9 | 0.9 | 10.7 | 2.0 | 0.7  | 0.3  | 0.2    | 0.0   | 85.2 | 0.9 | 13.9 | 0.073 | 0.518                 | 21.061747 | -101.734860 |

47 CARR: Nuevo Libramiento de León

CLAVE: 11133

RUTA: GTO

AÑO: 2019

| 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. Irapuato - León (Lateral) | 0.00            | 3  | 1  | 21587 | 3.8                                                               | 86.3 | 1.7 | 6.0 | 0.9 | 0.7  | 0.4  | 0.1    | 0.1   | 90.1 | 1.7 | 8.2 | 0.081 | 0.512                 | 21.107476 | -101.623589 |

GUANAJUATO

47 CARR: Nuevo Libramiento de León

CLAVE: 11133

ruta: GTO

AÑO: 2019

| 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. Irapuato - León (Central) | 0.00     | 3  | 1  | 45246 | 3.5                                  | 90.7 | 0.8 | 1.6  | 1.4 | 1.4  | 0.2  | 0.3    | 0.1   | 94.2 | 0.8 | 5.0  | 0.075 | 0.512 | 21.107387   | -101.623695 |
| T. C. Irapuato - León (Central) | 0.00     | 3  | 2  | 42152 | 3.6                                  | 91.7 | 0.7 | 1.4  | 0.9 | 1.0  | 0.3  | 0.3    | 0.1   | 95.3 | 0.7 | 4.0  | 0.078 | 0.512 | 21.108648   | -101.624282 |
| T. C. Irapuato - León (Lateral) | 0.00     | 3  | 2  | 21549 | 3.8                                  | 86.2 | 2.0 | 5.8  | 0.9 | 0.7  | 0.3  | 0.2    | 0.1   | 90.0 | 2.0 | 8.0  | 0.091 | 0.512 | 21.107299   | -101.624057 |
| T. Der. Ibarilla                | 9.58     | 3  | 1  | 28940 | 1.6                                  | 85.3 | 1.0 | 3.9  | 1.2 | 3.3  | 2.9  | 0.3    | 0.5   | 86.9 | 1.0 | 12.1 | 0.074 | 0.505 | 21.173319   | -101.662484 |
| T. Der. Ibarilla                | 9.58     | 3  | 2  | 28402 | 1.8                                  | 83.8 | 1.1 | 4.1  | 1.4 | 3.6  | 3.1  | 0.5    | 0.6   | 85.6 | 1.1 | 13.3 | 0.069 | 0.505 | 21.173443   | -101.662477 |
| T. C. León - Aguascalientes     | 18.39    | 1  | 0  | 13175 | 1.1                                  | 73.5 | 1.9 | 10.3 | 3.4 | 7.0  | 1.6  | 0.5    | 0.7   | 74.6 | 1.9 | 23.5 | 0.080 | 0.513 | 21.174696   | -101.731299 |

48 CARR: Ramal a San Diego de La Unión

CLAVE: 11818

ruta: GTO

AÑO: 2019

| 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. San Luis de La Paz - Guanajuato | 0.00     | 3  | 0  | 5315 | 1.5                                  | 74.4 | 1.5 | 15.6 | 1.6 | 3.7  | 0.9  | 0.4    | 0.4   | 75.9 | 1.5 | 22.6 | 0.085 | 0.521 | 21.200172   | -100.870476 |
| San Diego de La Unión                 | 31.00    |    |    |      |                                      |      |     |      |     |      |      |        |       |      |     |      |       |       |             |             |

49 CARR: Romita - El Saucillo

CLAVE: 11201

ruta: GTO

AÑO: 2019

| 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    |
| Romita                       | 0.00     |    |    |      |                                      |      |     |      |     |      |      |        |       |      |     |      |       |       |             |             |
| T. C. Munguía - Las Adjuntas | 35.50    | 1  | 0  | 2404 | 3.3                                  | 74.0 | 2.2 | 17.4 | 1.7 | 0.5  | 0.8  | 0.1    | 0.0   | 77.3 | 2.2 | 20.5 | 0.090 | 0.501 | 20.694237   | -101.706741 |

50 CARR: Salamanca - Juventino Rosas

CLAVE: 11817

ruta: GTO

AÑO: 2019

| 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    |
| Salamanca       | 0.00     | 3  | 0  | 5461 | 12.2                                 | 71.6 | 0.8 | 8.5  | 1.4 | 2.8  | 1.4  | 0.5    | 0.8   | 83.8 | 0.8 | 15.4 | 0.083 | 0.526 | 20.579330   | -101.161798 |
| Juventino Rosas | 20.00    | 1  | 0  | 3999 | 3.3                                  | 74.7 | 1.0 | 16.9 | 1.2 | 2.3  | 0.4  | 0.1    | 0.1   | 78.0 | 1.0 | 21.0 | 0.087 | 0.523 | 20.631450   | -101.010969 |

51 CARR: Salvatierra - Cortázar

CLAVE: 11327

ruta: GTO

AÑO: 2019

| 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. Acámbaro - Celaya | 0.00     | 3  | 0  | 9836 | 20.7                                 | 62.3 | 0.7 | 9.5  | 0.8 | 4.7  | 0.6  | 0.1    | 0.6   | 83.0 | 0.7 | 16.3 | 0.079 | 0.503 | 20.223650   | -100.883253 |
| Cortazar                | 31.80    | 1  | 0  | 5841 | 7.2                                  | 74.5 | 1.5 | 12.3 | 1.0 | 2.7  | 0.3  | 0.2    | 0.3   | 81.7 | 1.5 | 16.8 | 0.078 | 0.507 | 20.461425   | -100.963830 |

GUANAJUATO

52 CARR: San Luis de La Paz - San José Iturbide

CLAVE: 11046

RUTA: GTO

AÑO: 2019

| 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    |
| San Luis de La Paz                          | 0.00     | 3  | 0  | 7914 | 10.6                                 | 78.7 | 0.7 | 9.4  | 0.2 | 0.1  | 0.2  | 0.1    | 0.0   | 89.3 | 0.7 | 10.0 | 0.075 | 0.518 | 21.285685   | -100.506416 |
| Estación Pozo                               | 8.00     | 3  | 0  | 3106 | 3.2                                  | 88.0 | 0.3 | 7.8  | 0.3 | 0.1  | 0.3  | 0.0    | 0.0   | 91.2 | 0.3 | 8.5  | 0.087 | 0.509 | 21.216606   | -100.496795 |
| X. C. Ent. San Miguel de Allende - Dr. Mora | 21.50    | 1  | 0  | 5089 | 5.9                                  | 79.7 | 0.4 | 11.9 | 1.7 | 0.3  | 0.1  | 0.0    | 0.0   | 85.6 | 0.4 | 14.0 | 0.086 | 0.502 | 21.107555   | -100.458097 |
| San José Iturbide                           | 36.50    | 1  | 0  | 9405 | 4.8                                  | 84.7 | 0.5 | 9.0  | 0.7 | 0.3  | 0.0  | 0.0    | 0.0   | 89.5 | 0.5 | 10.0 | 0.082 | 0.504 | 21.024651   | -100.398214 |

53 CARR: Silao - La Romita

CLAVE: 11029

RUTA: GTO

AÑO: 2019

| 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    |
| Silao  | 0.00     | 3  | 1  | 6512 | 6.0                                  | 79.3 | 1.8 | 10.6 | 0.6 | 0.6  | 0.4  | 0.6    | 0.1   | 85.3 | 1.8 | 12.9 | 0.079 | 0.508 | 20.930285   | -101.445082 |
| Silao  | 0.00     | 3  | 2  | 6308 | 5.8                                  | 79.7 | 1.8 | 10.4 | 0.6 | 0.7  | 0.4  | 0.5    | 0.1   | 85.5 | 1.8 | 12.7 | 0.070 | 0.508 | 20.930255   | -101.445052 |
| Romita | 13.00    |    |    |      |                                      |      |     |      |     |      |      |        |       |      |     |      |       |       |             |             |

54 CARR: Silao - Los Arrastres

CLAVE: 11029

RUTA: GTO

AÑO: 2019

| 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    |
| Silao                                 | 0.00     | 3  | 1  | 5683 | 1.8                                  | 65.8 | 2.0 | 10.8 | 2.4 | 12.4 | 2.3  | 1.9    | 0.6   | 67.6 | 2.0 | 30.4 | 0.055 | 0.519 | 20.974402   | -101.418017 |
| Silao                                 | 0.00     | 3  | 2  | 5260 | 1.4                                  | 64.7 | 2.1 | 11.1 | 2.8 | 12.3 | 2.8  | 2.1    | 0.7   | 66.1 | 2.1 | 31.8 | 0.056 | 0.519 | 20.974506   | -101.417964 |
| T. C. León - San Felipe Torres Mochas | 49.50    | 1  | 0  | 5875 | 1.8                                  | 53.2 | 3.6 | 10.8 | 4.3 | 21.1 | 2.5  | 1.9    | 0.8   | 55.0 | 3.6 | 41.4 | 0.066 | 0.518 | 21.303275   | -101.280379 |

55 CARR: T. C. (Villa del Pueblito - Huimilpan) - Coroneo

CLAVE: 00155

RUTA: QRO-GTO

AÑO: 2019

| 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. Villa del Pueblito - Huimilpan       | 0.00     | 3  | 0  | 7768 | 1.7                                  | 81.0 | 1.6 | 8.7 | 1.8 | 3.0  | 1.6  | 0.3    | 0.3   | 82.7 | 1.6 | 15.7 | 0.109 | 0.517 | 20.515644   | -100.428078 |
| T. C. Palmillas - Apaseo el Grande (Cuota) | 2.60     | 1  | 0  | 5494 | 2.1                                  | 92.8 | 0.5 | 1.3 | 1.6 | 1.1  | 0.1  | 0.2    | 0.3   | 94.9 | 0.5 | 4.6  | 0.110 | 0.505 | 20.353952   | -100.278027 |
| T. C. Palmillas - Apaseo el Grande (Cuota) | 2.60     | 3  | 0  | 1993 | 3.5                                  | 93.5 | 0.1 | 1.1 | 1.2 | 0.2  | 0.0  | 0.1    | 0.3   | 97.0 | 0.1 | 2.9  | 0.116 | 0.501 | 20.346241   | -100.280043 |
| Lim. Edos. Term. Qro. Ppia. Gto.           | 20.00    |    |    |      |                                      |      |     |     |     |      |      |        |       |      |     |      |       |       |             |             |
| Coroneo                                    | 45.20    | 1  | 0  | 3471 | 1.6                                  | 86.3 | 0.2 | 9.4 | 0.3 | 1.7  | 0.3  | 0.0    | 0.2   | 87.9 | 0.2 | 11.9 | 0.130 | 0.501 | 20.214003   | -100.366630 |

GUANAJUATO

56 CARR: Guanajuato - Silao (Cuota)

CLAVE: 11810

ruta: GTO-110D

AÑO: 2019

| 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. Guanajuato - Santa Rita | 0.00     |    |    |       |                                      |      |     |     |     |      |      |        |       |      |     |     |       |       |             |             |
| X. C. Santa Teresa - Silao    | 3.76     | 1  | 1  | 11157 | 0.7                                  | 92.5 | 2.0 | 3.6 | 0.4 | 0.5  | 0.3  | 0.0    | 0.0   | 93.2 | 2.0 | 4.8 | 0.082 | 0.509 | 20.971805   | -101.305986 |
| X. C. Santa Teresa - Silao    | 3.76     | 1  | 2  | 10747 | 0.7                                  | 92.8 | 1.8 | 3.4 | 0.4 | 0.5  | 0.3  | 0.0    | 0.1   | 93.5 | 1.8 | 4.7 | 0.085 | 0.509 | 20.971883   | -101.306025 |
| T. C. Irapuato - León         | 14.55    |    |    |       |                                      |      |     |     |     |      |      |        |       |      |     |     |       |       |             |             |

57 CARR: Libramiento de Celaya (Cuota)

CLAVE: 11011

ruta: GTO-D

AÑO: 2019

| 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. Querétaro - Irapuato (Oriente)  | 0.00     | 3  | 1  | 6157 | 0.3                                  | 46.0 | 5.3 | 8.1 | 7.2 | 22.4 | 5.6  | 3.8    | 1.3   | 46.3 | 5.3 | 48.4 | 0.072 | 0.508 | 20.499338   | -100.768766 |
| T. C. Querétaro - Irapuato (Oriente)  | 0.00     | 3  | 2  | 5970 | 0.5                                  | 43.9 | 5.4 | 8.6 | 7.3 | 23.6 | 5.5  | 3.9    | 1.3   | 44.4 | 5.4 | 50.2 | 0.067 | 0.508 | 20.499259   | -100.768558 |
| T. C. Querétaro - Irapuato (Poniente) | 16.45    | 1  | 1  | 5288 | 1.8                                  | 43.5 | 6.4 | 8.5 | 7.3 | 20.6 | 6.1  | 4.4    | 1.4   | 45.3 | 6.4 | 48.3 | 0.075 | 0.508 | 20.496778   | -100.868132 |
| T. C. Querétaro - Irapuato (Poniente) | 16.45    | 1  | 2  | 5129 | 1.9                                  | 45.5 | 4.7 | 8.3 | 8.0 | 20.6 | 5.5  | 4.1    | 1.4   | 47.4 | 4.7 | 47.9 | 0.076 | 0.508 | 20.496778   | -100.868132 |

58 CARR: Celaya - Dolores Hidalgo

CLAVE: 11109

ruta: MEX-051-GTO

AÑO: 2019

| 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    |
| Celaya                                 | 0.00     |    |    |       |                                      |      |     |     |     |      |      |        |       |      |     |      |       |       |             |             |
| X. C. Querétaro - Irapuato (Cuota)     | 3.90     | 1  | 1  | 26071 | 1.4                                  | 83.3 | 1.3 | 6.1 | 1.3 | 1.8  | 2.9  | 1.1    | 0.8   | 84.7 | 1.3 | 14.0 | 0.087 | 0.501 | 20.555232   | -100.822505 |
| X. C. Querétaro - Irapuato (Cuota)     | 3.90     | 1  | 2  | 26018 | 1.4                                  | 83.8 | 1.2 | 5.9 | 1.3 | 1.7  | 2.8  | 1.1    | 0.8   | 85.2 | 1.2 | 13.6 | 0.073 | 0.501 | 20.555335   | -100.822712 |
| X. C. Querétaro - Irapuato (Cuota)     | 3.90     | 3  | 1  | 20297 | 3.6                                  | 84.2 | 1.6 | 7.0 | 1.1 | 1.3  | 1.0  | 0.1    | 0.1   | 87.8 | 1.6 | 10.6 | 0.079 | 0.510 | 20.559904   | -100.822121 |
| X. C. Querétaro - Irapuato (Cuota)     | 3.90     | 3  | 2  | 21155 | 4.3                                  | 83.5 | 1.6 | 7.3 | 1.0 | 1.2  | 0.9  | 0.1    | 0.1   | 87.8 | 1.6 | 10.6 | 0.080 | 0.510 | 20.560050   | -100.822276 |
| T. Izq. Juventino Rosas                | 6.92     | 3  | 1  | 11090 | 4.7                                  | 81.9 | 0.5 | 9.0 | 1.3 | 1.0  | 1.4  | 0.1    | 0.1   | 86.6 | 0.5 | 12.9 | 0.091 | 0.500 | 20.576351   | -100.820589 |
| T. Izq. Juventino Rosas                | 6.92     | 3  | 2  | 11072 | 6.3                                  | 82.5 | 0.5 | 7.1 | 1.1 | 1.0  | 1.3  | 0.1    | 0.1   | 88.8 | 0.5 | 10.7 | 0.079 | 0.500 | 20.576433   | -100.820641 |
| X. C. Santa Cruz - San Juan de La Vega | 12.44    | 3  | 1  | 9347  | 4.2                                  | 86.6 | 1.7 | 4.2 | 1.3 | 1.3  | 0.3  | 0.3    | 0.1   | 90.8 | 1.7 | 7.5  | 0.087 | 0.501 | 20.634651   | -100.779484 |
| X. C. Santa Cruz - San Juan de La Vega | 12.44    | 3  | 2  | 9317  | 4.4                                  | 86.3 | 1.6 | 4.1 | 1.5 | 1.4  | 0.3  | 0.3    | 0.1   | 90.7 | 1.6 | 7.7  | 0.100 | 0.501 | 20.634645   | -100.779493 |
| Comonfort                              | 24.50    | 1  | 1  | 4051  | 7.8                                  | 82.9 | 0.2 | 8.3 | 0.2 | 0.3  | 0.2  | 0.0    | 0.1   | 90.7 | 0.2 | 9.1  | 0.079 | 0.513 | 20.705362   | -100.752949 |
| Comonfort                              | 24.50    | 1  | 2  | 3817  | 7.4                                  | 82.4 | 0.2 | 9.2 | 0.2 | 0.3  | 0.2  | 0.0    | 0.1   | 89.8 | 0.2 | 10.0 | 0.076 | 0.513 | 20.705366   | -100.753027 |
| San Miguel de Allende                  | 49.90    | 1  | 1  | 6894  | 2.7                                  | 82.3 | 1.1 | 9.8 | 1.7 | 1.4  | 0.6  | 0.3    | 0.1   | 85.0 | 1.1 | 13.9 | 0.086 | 0.510 | 20.880477   | -100.773554 |
| San Miguel de Allende                  | 49.90    | 1  | 2  | 6621  | 2.7                                  | 82.3 | 1.1 | 9.9 | 1.6 | 1.5  | 0.5  | 0.3    | 0.1   | 85.0 | 1.1 | 13.9 | 0.090 | 0.510 | 20.880482   | -100.773547 |
| T. Izq. Atotonilco                     | 65.60    | 1  | 0  | 10289 | 5.4                                  | 83.6 | 2.6 | 4.7 | 1.4 | 1.6  | 0.4  | 0.3    | 0.0   | 89.0 | 2.6 | 8.4  | 0.087 | 0.500 | 21.017076   | -100.787833 |
| T. Izq. Atotonilco                     | 65.60    | 3  | 0  | 9045  | 6.2                                  | 78.7 | 4.6 | 6.7 | 1.3 | 1.7  | 0.5  | 0.3    | 0.0   | 84.9 | 4.6 | 10.5 | 0.092 | 0.502 | 21.038858   | -100.794281 |
| T. C. San Luis de La Paz - Guanajuato  | 85.42    | 1  | 0  | 9161  | 5.7                                  | 83.5 | 3.4 | 4.0 | 1.2 | 1.5  | 0.4  | 0.3    | 0.0   | 89.2 | 3.4 | 7.4  | 0.093 | 0.505 | 21.155998   | -100.881489 |

GUANAJUATO

59 CARR: Cortázar - Valle de Santiago

CLAVE: 11016

RUTA: MEX-GTO-017

AÑO: 2019

| 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    |
| Cortazar                  | 0.00     | 3  | 0  | 9278 | 2.0                                  | 78.3 | 1.7 | 11.8 | 1.3 | 3.5  | 0.6  | 0.3    | 0.5   | 80.3 | 1.7 | 18.0 | 0.077 | 0.511 | 20.471268   | -100.979746 |
| T. C. Morelia - Salamanca | 29.20    | 1  | 0  | 8157 | 3.0                                  | 81.7 | 1.1 | 9.3  | 1.4 | 2.3  | 0.8  | 0.4    | 0.0   | 84.7 | 1.1 | 14.2 | 0.079 | 0.519 | 20.383416   | -101.182782 |

60 CARR: Guanajuato - Los Infantes

CLAVE: 11067

RUTA: MEX-110-GTO

AÑO: 2019

| 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    |
| Guanajuato              | 0.00     | 3  | 1  | 23010 | 7.1                                  | 87.7 | 0.5 | 2.0 | 1.3 | 0.7  | 0.1  | 0.4    | 0.2   | 94.8 | 0.5 | 4.7 | 0.088 | 0.500 | 21.009467   | -101.270656 |
| Guanajuato              | 0.00     | 3  | 2  | 23003 | 7.4                                  | 87.6 | 0.5 | 1.9 | 1.3 | 0.7  | 0.1  | 0.4    | 0.1   | 95.0 | 0.5 | 4.5 | 0.100 | 0.500 | 21.009013   | -101.270802 |
| T. Izq. Juventino Rosas | 4.91     | 1  | 1  | 23043 | 4.0                                  | 90.9 | 0.6 | 3.9 | 0.4 | 0.1  | 0.0  | 0.1    | 0.0   | 94.9 | 0.6 | 4.5 | 0.081 | 0.507 | 20.998148   | -101.284840 |
| T. Izq. Juventino Rosas | 4.91     | 1  | 2  | 23723 | 4.0                                  | 91.0 | 0.6 | 3.8 | 0.4 | 0.1  | 0.0  | 0.1    | 0.0   | 95.0 | 0.6 | 4.4 | 0.095 | 0.507 | 20.996482   | -101.281623 |
| T. Der. Silao           | 12.77    | 1  | 0  | 22101 | 3.1                                  | 87.0 | 1.6 | 4.4 | 1.9 | 0.8  | 0.2  | 0.8    | 0.2   | 90.1 | 1.6 | 8.3 | 0.078 | 0.500 | 20.960173   | -101.318861 |
| T. C. Irapuato - León   | 22.00    | 1  | 0  | 8981  | 1.7                                  | 88.3 | 1.9 | 6.8 | 0.7 | 0.4  | 0.2  | 0.0    | 0.0   | 90.0 | 1.9 | 8.1 | 0.084 | 0.512 | 20.896660   | -101.349234 |

61 CARR: Tepatlán - Las Adjuntas

CLAVE: 00141

RUTA: JAL/MEX-084

AÑO: 2019

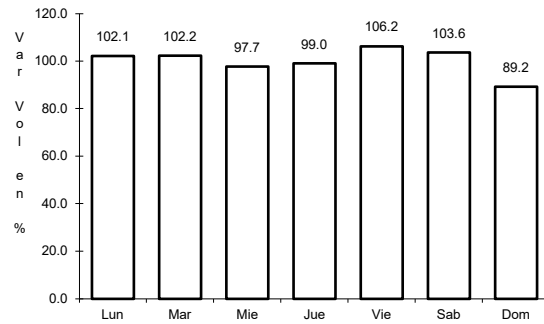
| LUGAR                               | ESTACION |    |    |      | CLASIFICACION VEHICULAR EN PORCIENTO |      |     |      |     |      |      |        |       |      |     |      |       |       | COORDENADAS |             |
|-------------------------------------|----------|----|----|------|--------------------------------------|------|-----|------|-----|------|------|--------|-------|------|-----|------|-------|-------|-------------|-------------|
|                                     | KM       | TE | SC | TDPA | M                                    | A    | B   | C2   | C3  | T3S2 | T3S3 | T3S2R4 | OTROS | A    | B   | C    | K'    | D     | LATITUD     | LONGITUD    |
| T. C. Lagos de Moreno - Guadalajara | 0.00     | 3  | 1  | 5265 | 0.8                                  | 78.8 | 2.0 | 10.6 | 3.5 | 2.2  | 1.4  | 0.4    | 0.3   | 79.6 | 2.0 | 18.4 | 0.079 | 0.503 | 20.882154   | -102.697617 |
| T. C. Lagos de Moreno - Guadalajara | 0.00     | 3  | 2  | 5160 | 1.0                                  | 77.1 | 2.3 | 11.4 | 3.5 | 2.4  | 1.6  | 0.4    | 0.3   | 78.1 | 2.3 | 19.6 | 0.077 | 0.503 | 20.882251   | -102.697574 |
| X. C. San Miguel El Alto - La Barca | 34.00    | 3  | 1  | 6363 | 1.5                                  | 83.6 | 1.1 | 7.5  | 3.0 | 1.9  | 0.9  | 0.2    | 0.3   | 85.1 | 1.1 | 13.8 | 0.081 | 0.501 | 20.717130   | -102.437610 |
| X. C. San Miguel El Alto - La Barca | 34.00    | 3  | 2  | 6398 | 2.1                                  | 81.1 | 1.5 | 9.0  | 2.9 | 2.0  | 0.9  | 0.2    | 0.3   | 83.2 | 1.5 | 15.3 | 0.088 | 0.501 | 20.717297   | -102.437673 |
| Arandas                             | 46.00    | 3  | 0  | 7575 | 2.8                                  | 79.5 | 1.2 | 10.5 | 3.2 | 1.6  | 0.8  | 0.2    | 0.2   | 82.3 | 1.2 | 16.5 | 0.073 | 0.500 | 20.692348   | -102.285645 |
| T. Der. Jesús María                 | 58.00    | 3  | 0  | 2982 | 2.4                                  | 74.3 | 2.4 | 10.9 | 4.9 | 2.9  | 1.6  | 0.4    | 0.2   | 76.7 | 2.4 | 20.9 | 0.080 | 0.500 | 20.685294   | -102.231465 |
| X. C. Manuel Doblado - La Piedad    | 91.00    | 1  | 0  | 1420 | 1.1                                  | 67.9 | 3.0 | 13.9 | 5.1 | 5.6  | 2.5  | 0.7    | 0.2   | 69.0 | 3.0 | 28.0 | 0.053 | 0.508 | 20.622041   | -102.001787 |
| Lim. Edos. Term. Jal. Ppia. Gto.    | 95.00    |    |    |      |                                      |      |     |      |     |      |      |        |       |      |     |      |       |       |             |             |
| T. C. Munguía - Las Adjuntas        | 100.00   | 1  | 0  | 1926 | 1.1                                  | 72.2 | 2.6 | 14.2 | 4.1 | 3.0  | 1.9  | 0.5    | 0.4   | 73.3 | 2.6 | 24.1 | 0.055 | 0.510 | 20.652861   | -101.887335 |



1 CARR: Acámbaro - Celaya

CLAVE: 11066

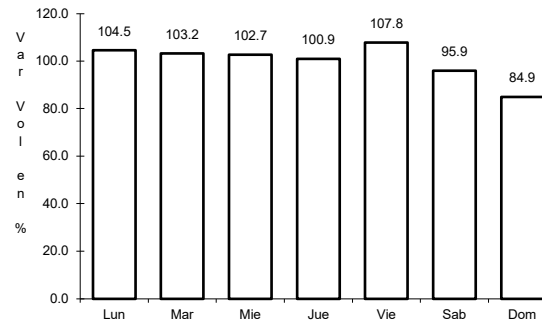
ruta: MEX-051



Km: 13.50

Tipo: 1

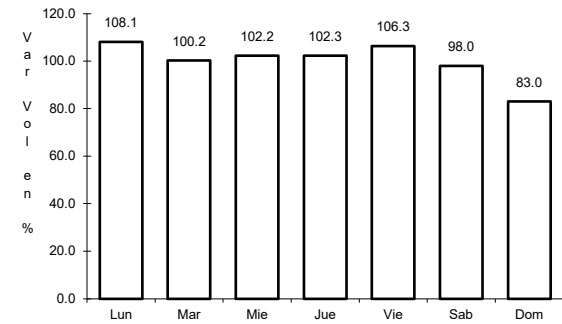
Sent: 0



Km: 69.70

Tipo: 1

Sent: 1



Km: 69.70

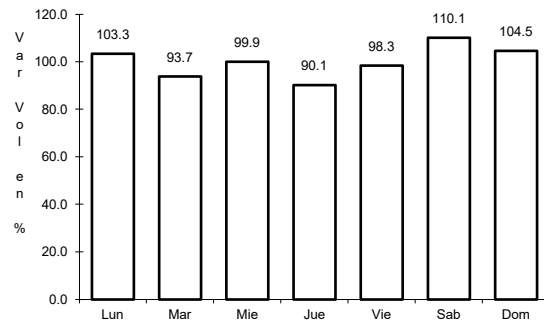
Tipo: 1

Sent: 2

2 CARR: Acámbaro - Zinapécuaro

CLAVE: 00417

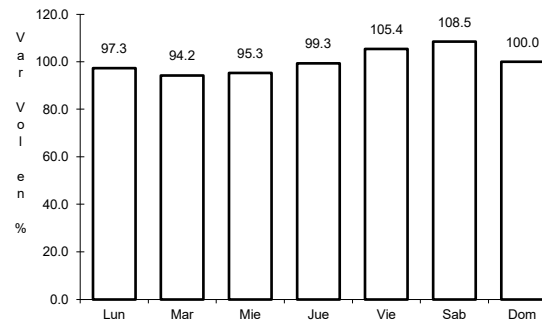
ruta: MEX-120



Km: 0.00

Tipo: 3

Sent: 0



Km: 25.00

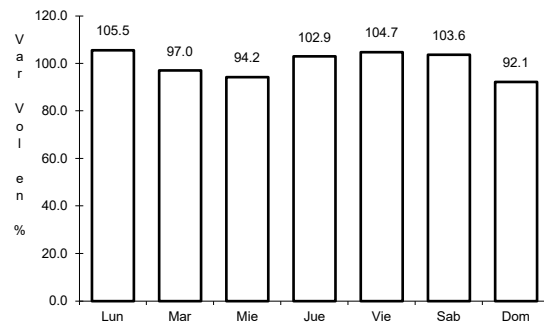
Tipo: 1

Sent: 0

3 CARR: Dolores Hidalgo - Ojuelos de Jalisco

CLAVE: 00107

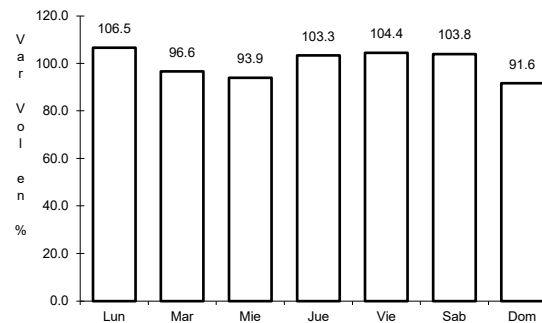
ruta: MEX-051



Km: 0.00

Tipo: 3

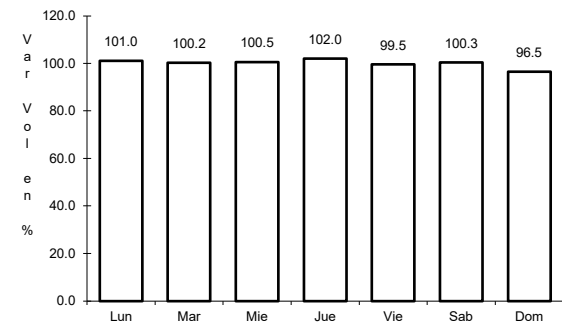
Sent: 0



Km: 51.38

Tipo: 1

Sent: 0



Km: 113.49

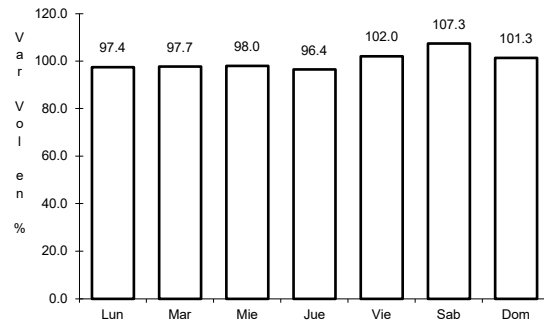
Tipo: 1

Sent: 0

4 CARR: Ent. Buenavista - San Miguel de Allende

CLAVE: 00111

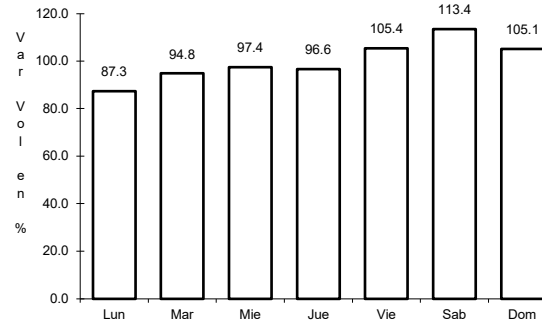
ruta: MEX-057



Km: 0.00

Tipo: 3

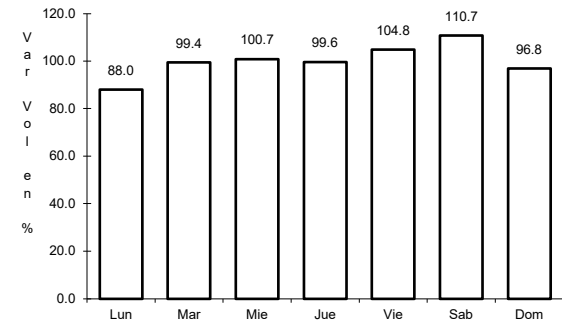
Sent: 0



Km: 12.00

Tipo: 1

Sent: 0



Km: 35.11

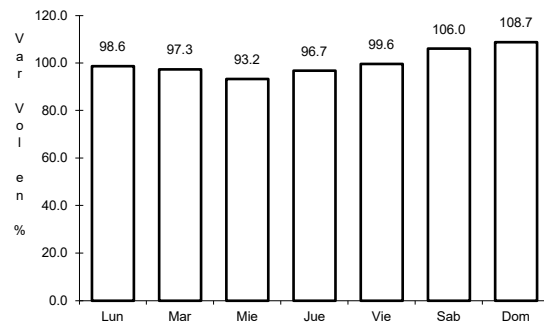
Tipo: 1

Sent: 0

5 CARR: Ent. de Zaragoza - San Felipe

CLAVE: 00240

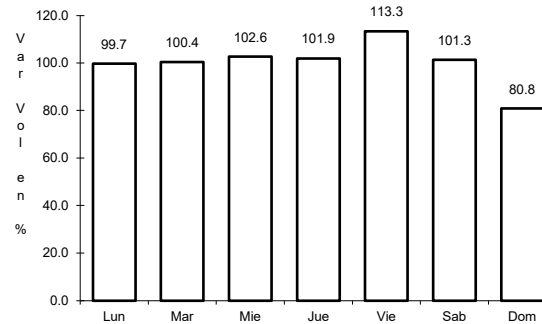
ruta: MEX-037



Km: 0.00

Tipo: 3

Sent: 0



Km: 72.00

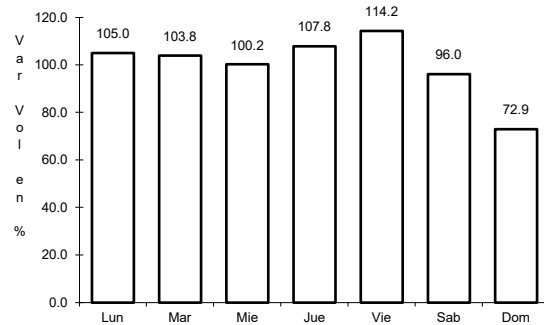
Tipo: 1

Sent: 0

6 CARR: Ent. La Fortaleza - Cortázar

CLAVE: 11017

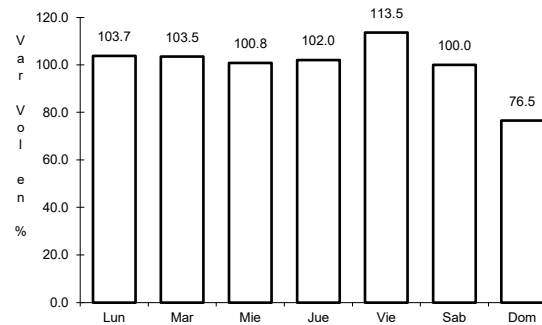
ruta: MEX-045



Km: 0.00

Tipo: 3

Sent: 1



Km: 0.00

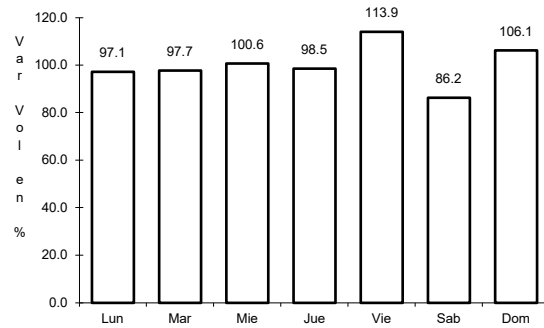
Tipo: 3

Sent: 2

7 CARR: Ent. Santa Teresa - Silao

CLAVE: 11070

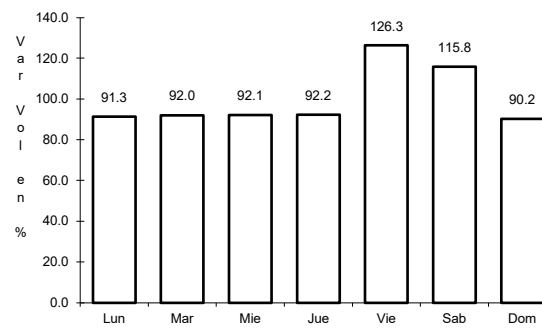
ruta: MEX-110



Km: 0.00

Tipo: 3

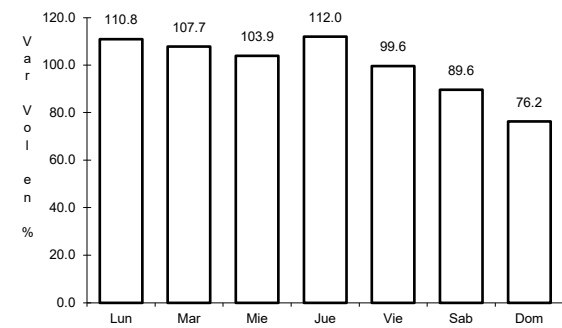
Sent: 0



Km: 12.00

Tipo: 1

Sent: 1



Km: 12.00

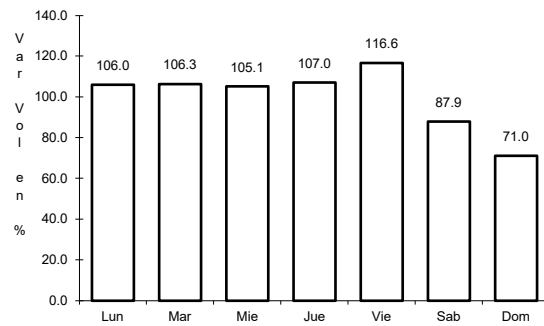
Tipo: 1

Sent: 2

8 CARR: Irapuato - León

CLAVE: 11123

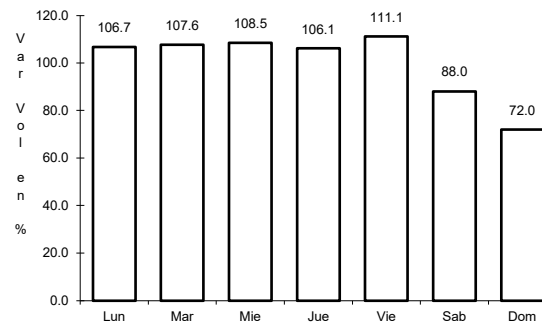
ruta: MEX-045



Km: 7.46

Tipo: 3

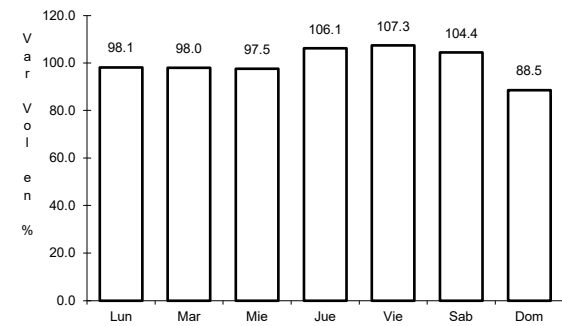
Sent: 1



Km: 7.46

Tipo: 3

Sent: 2



Km: 68.99

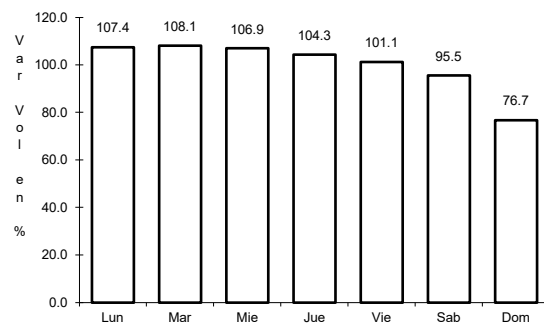
Tipo: 1

Sent: 1

9 CARR: Irapuato - Zapotlanejo

CLAVE: 00114

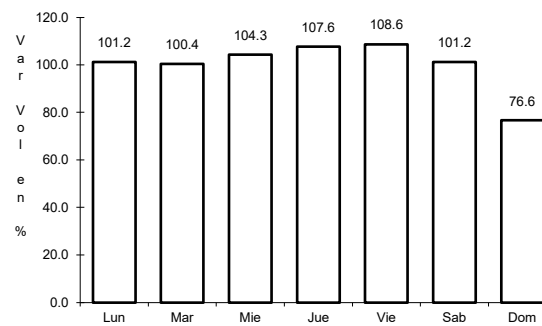
ruta: MEX-090



Km: 2.78

Tipo: 1

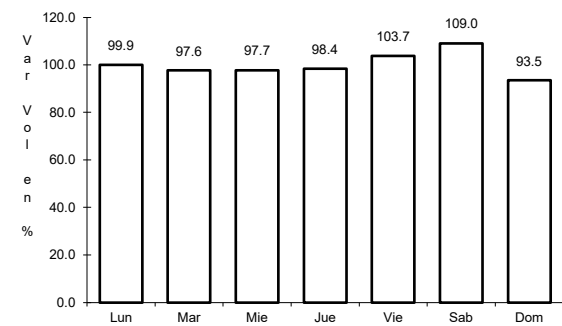
Sent: 1



Km: 2.78

Tipo: 1

Sent: 2



Km: 215.80

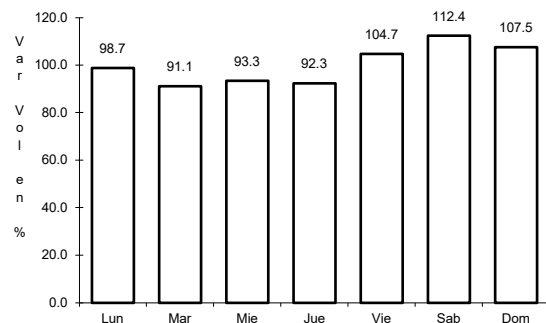
Tipo: 1

Sent: 0

10 CARR: La Noria - Acámbaro

CLAVE: 00131

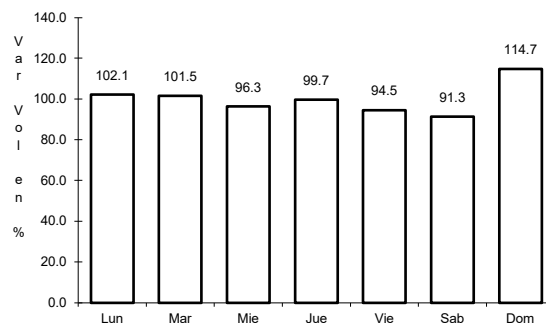
ruta: MEX-120



Km: 0.00

Tipo: 3

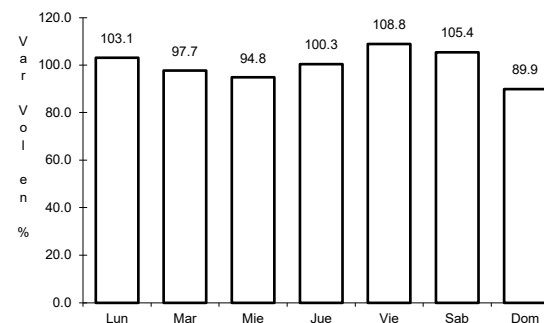
Sent: 0



Km: 59.35

Tipo: 3

Sent: 0



Km: 111.12

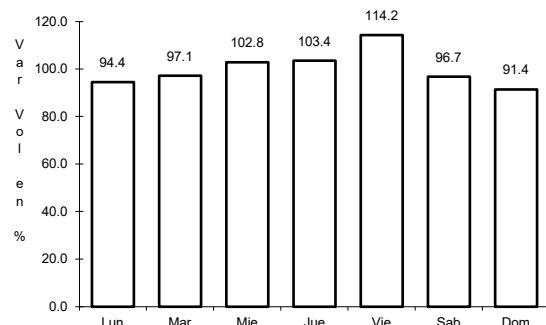
Tipo: 1

Sent: 0

11 CARR: León - Aguascalientes

CLAVE: 00167

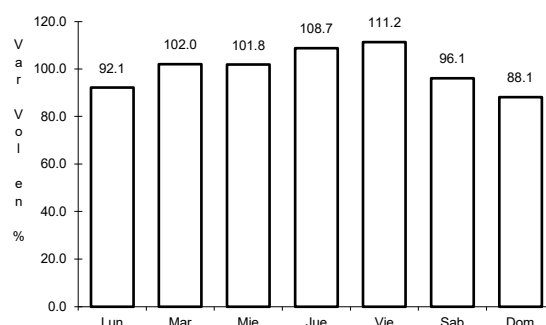
ruta: MEX-045



Km: 11.00

Tipo: 1

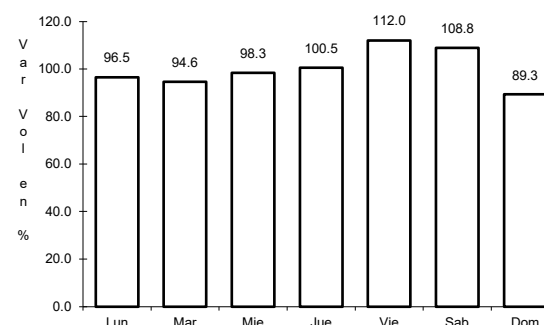
Sent: 1



Km: 11.00

Tipo: 1

Sent: 2



Km: 89.18

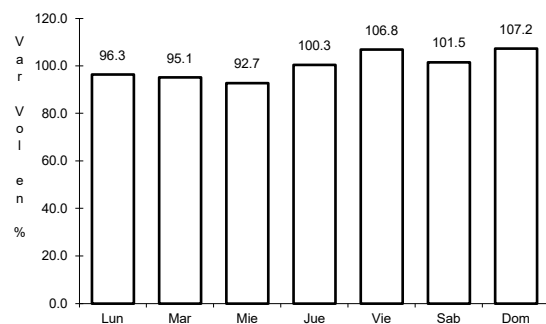
Tipo: 3

Sent: 0

12 CARR: Libramiento de San Miguel de Allende

CLAVE:

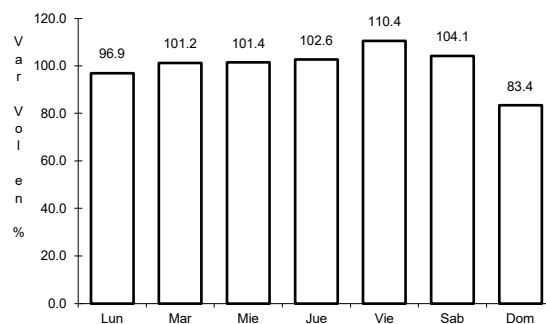
ruta: MEX-057



Km: 0.00

Tipo: 3

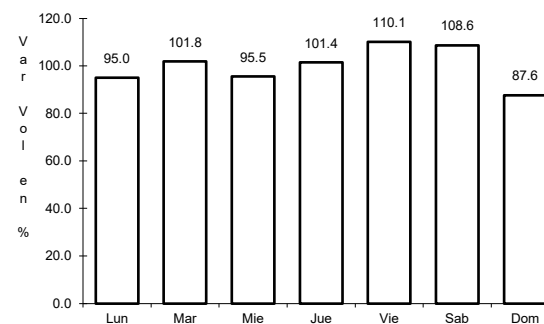
Sent: 0



Km: 5.83

Tipo: 3

Sent: 1



Km: 5.83

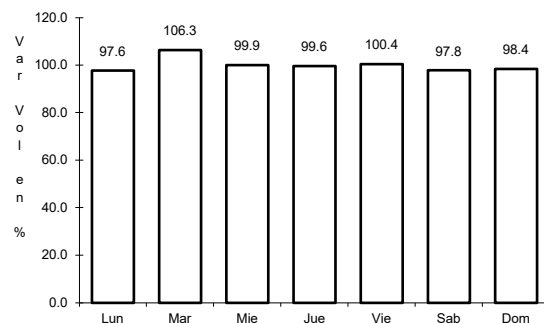
Tipo: 3

Sent: 2

### 13 CARR: Libramiento de Uriangato

CLAVE:

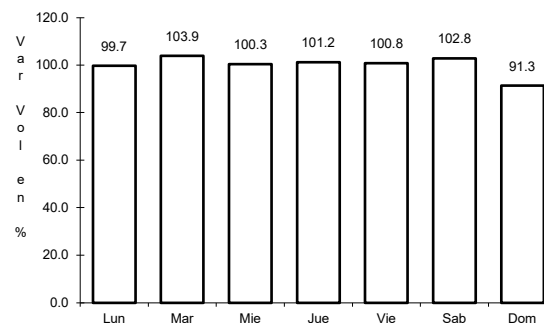
ruta: MEX-043



Km: 4.80

Tipo: 1

Sent: 0



Km: 4.80

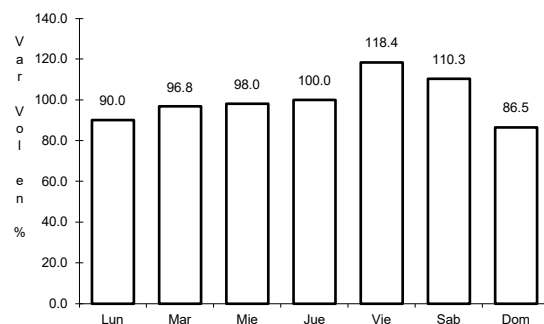
Tipo: 3

Sent: 0

### 14 CARR: Libramiento de Villa de Reyes (Poniente)

CLAVE:

ruta: MEX-037



Km: 143.64

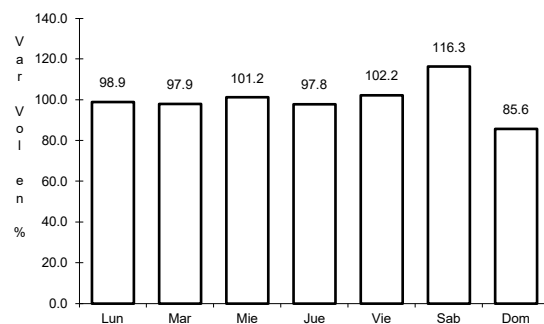
Tipo: 1

Sent: 0

### 15 CARR: Manuel Doblado - La Piedad

CLAVE: 11028

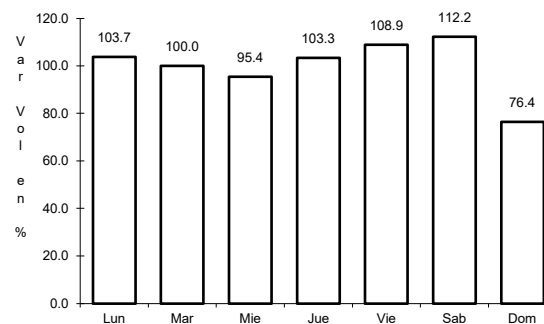
ruta: MEX-084



Km: 0.00

Tipo: 3

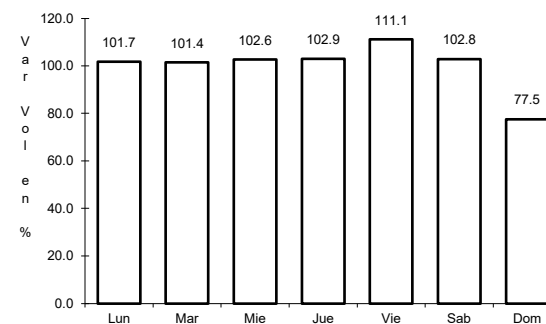
Sent: 0



Km: 29.00

Tipo: 1

Sent: 0



Km: 45.00

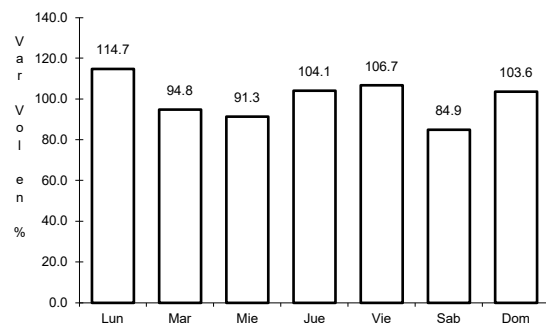
Tipo: 1

Sent: 0

16 CARR: Maravatio - Acámbaro

CLAVE: 00418

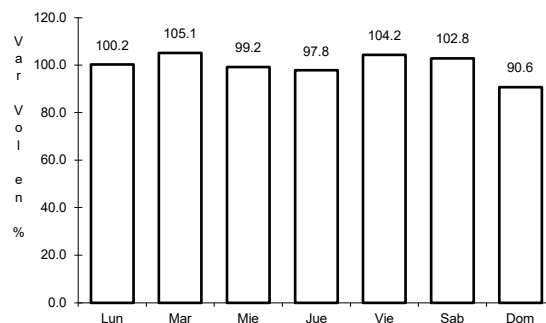
ruta: MEX-061



Km: 0.00

Tipo: 3

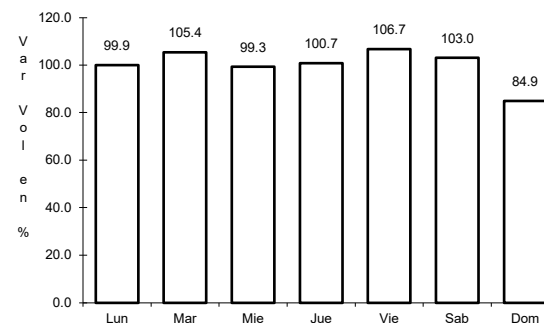
Sent: 0



Km: 13.00

Tipo: 3

Sent: 0



Km: 39.00

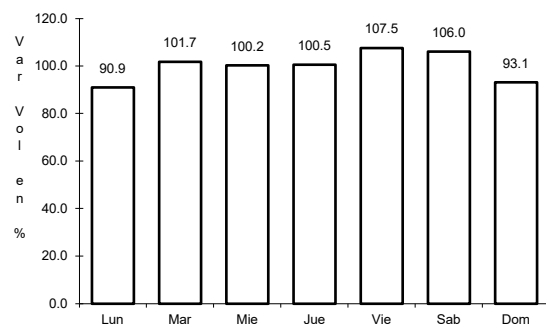
Tipo: 1

Sent: 0

17 CARR: Morelia - Salamanca

CLAVE: 00124

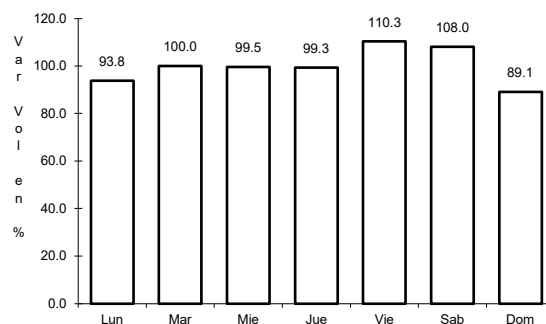
ruta: MEX-043



Km: 2.70

Tipo: 3

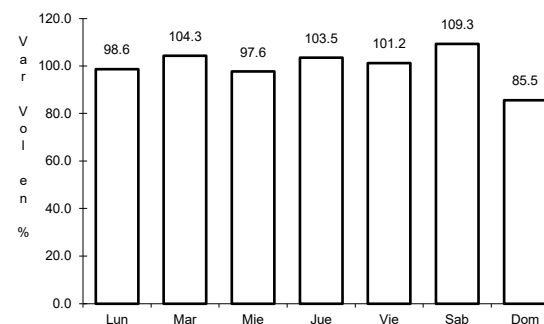
Sent: 1



Km: 2.70

Tipo: 3

Sent: 2



Km: 61.36

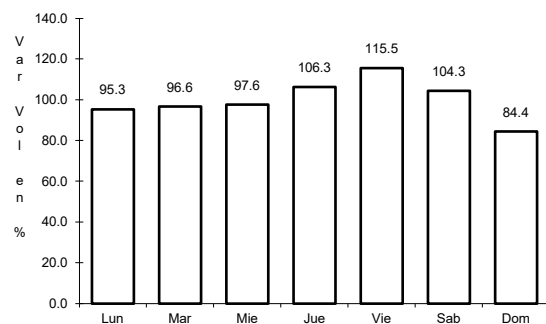
Tipo: 3

Sent: 0

18 CARR: Munguía - Las Adjuntas

CLAVE: 11815

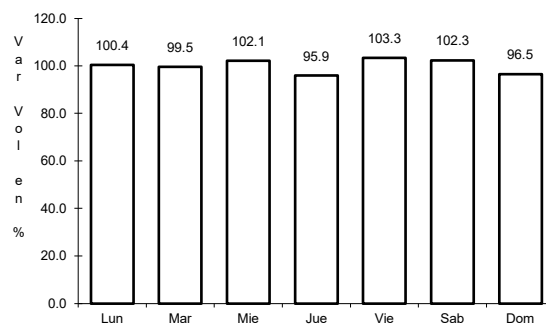
ruta: MEX-084



Km: 0.00

Tipo: 3

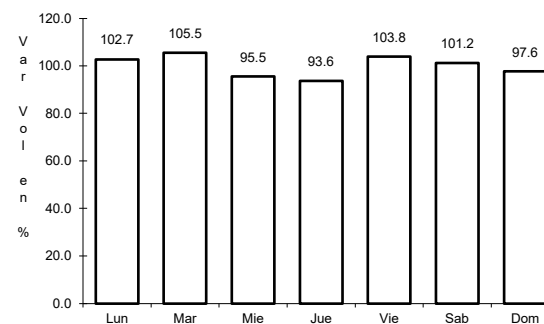
Sent: 0



Km: 27.00

Tipo: 3

Sent: 0



Km: 57.00

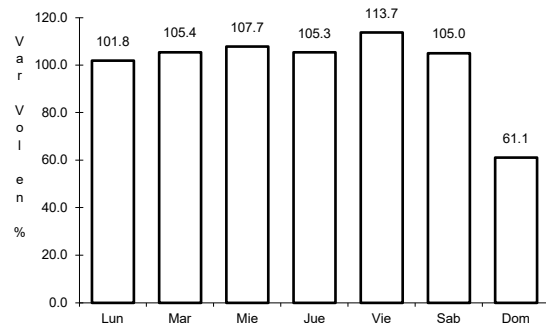
Tipo: 1

Sent: 0

19 CARR: Nuevo Libramiento de Irapuato

CLAVE: 11132

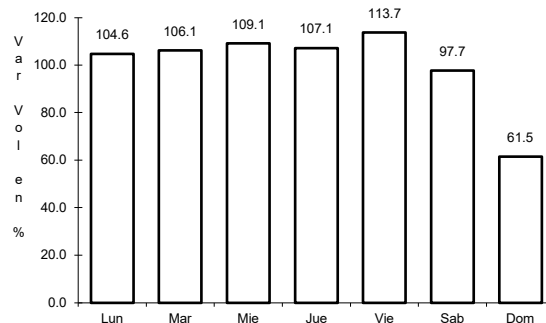
ruta: MEX-045



Km: 0.00

Tipo: 3

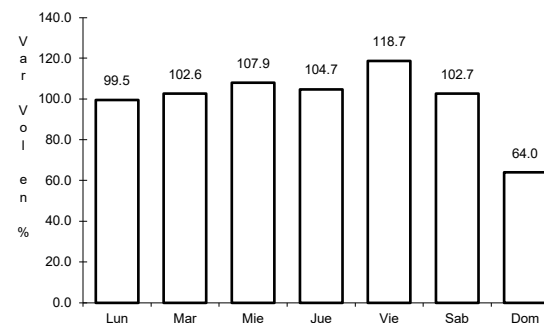
Sent: 1



Km: 0.00

Tipo: 3

Sent: 2



Km: 11.20

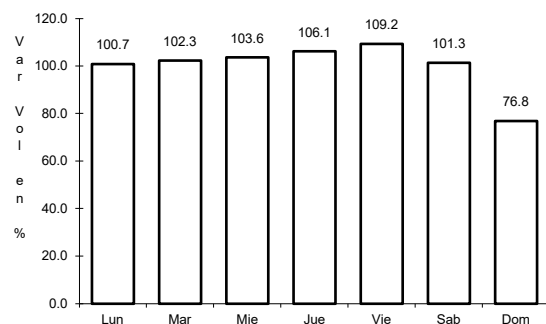
Tipo: 1

Sent: 1

20 CARR: Querétaro - Irapuato (Libre)

CLAVE: 00154

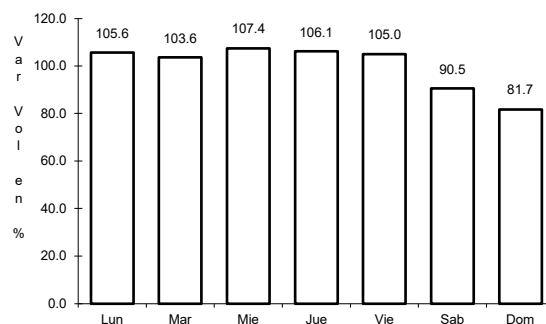
ruta: MEX-045



Km: 0.00

Tipo: 3

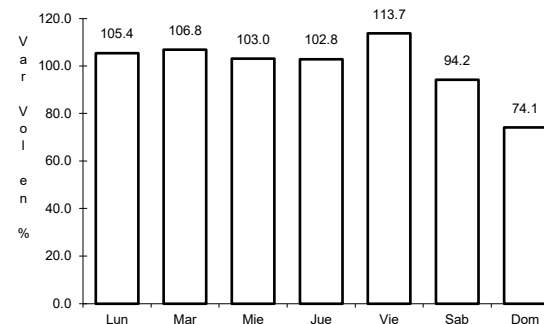
Sent: 1



Km: 0.00

Tipo: 3

Sent: 2



Km: 113.70

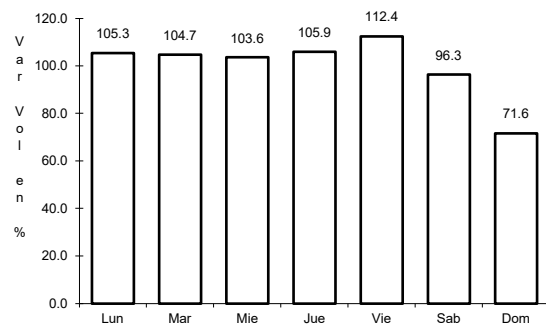
Tipo: 1

Sent: 1

21 CARR: Querétaro - San Luis Potosí

CLAVE: 00165

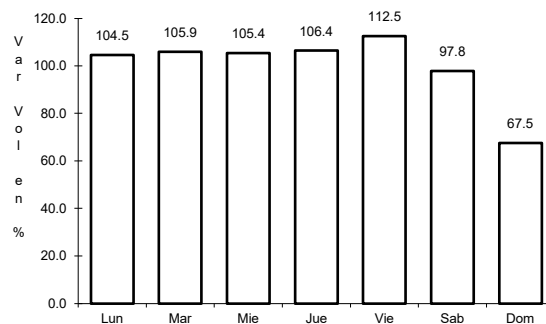
ruta: MEX-057



Km: 6.28

Tipo: 3

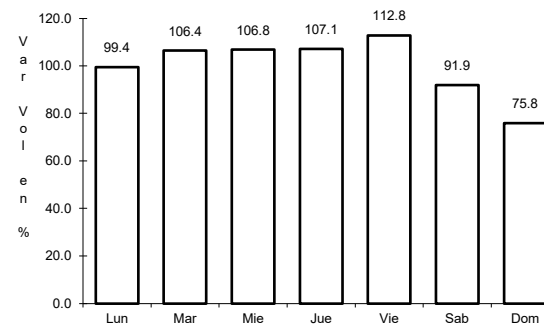
Sent: 1



Km: 6.28

Tipo: 3

Sent: 2



Km: 184.80

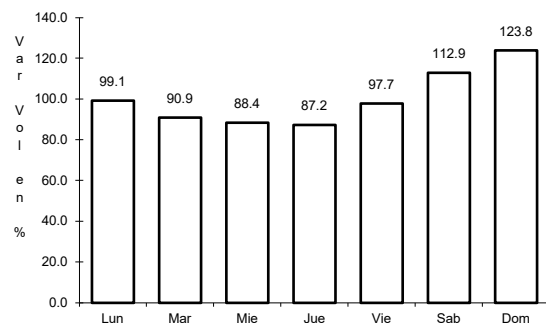
Tipo: 1

Sent: 1

22 CARR: Ramal a Las Adjuntas

CLAVE: 11820

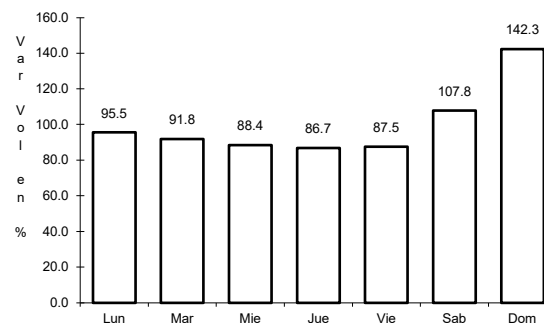
ruta: MEX-084



Km: 0.00

Tipo: 3

Sent: 0



Km: 10.00

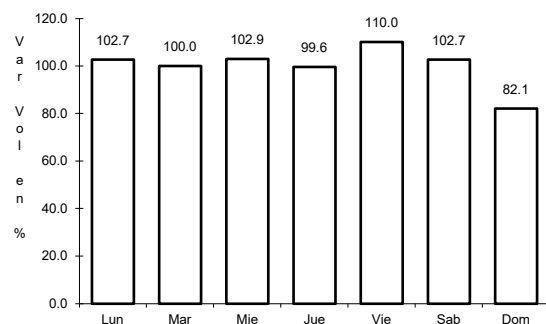
Tipo: 1

Sent: 0

23 CARR: Ramal a San José Iturbide

CLAVE: 11201

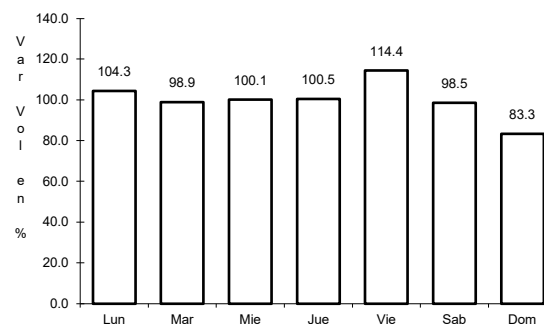
ruta: MEX-057



Km: 0.00

Tipo: 3

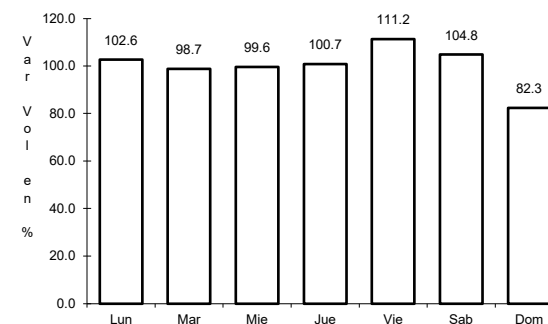
Sent: 1



Km: 0.00

Tipo: 3

Sent: 2



Km: 6.00

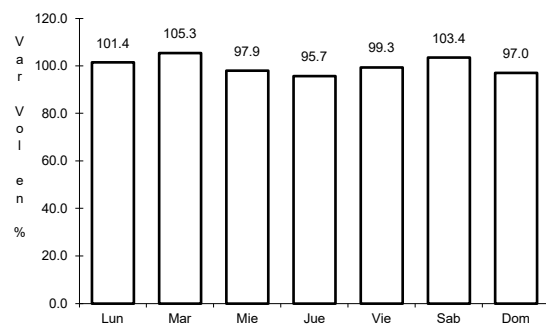
Tipo: 1

Sent: 1

24 CARR: Salvatierra - Ent. Yuriria

CLAVE: 11013

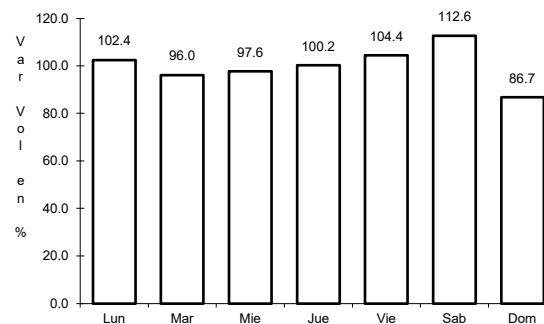
ruta: MEX-043



Km: 0.00

Tipo: 3

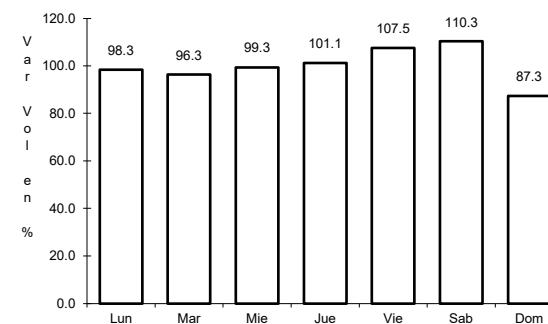
Sent: 0



Km: 30.00

Tipo: 1

Sent: 1



Km: 30.00

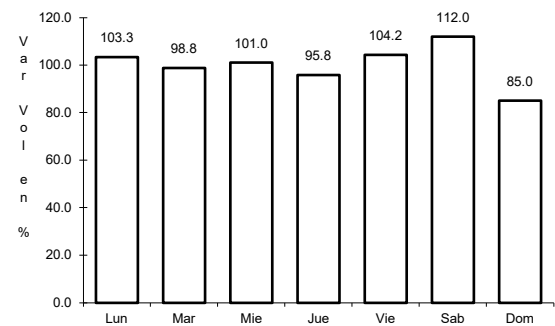
Tipo: 1

Sent: 2

25 CARR: San Luis de La Paz - Cañada de Moreno

CLAVE: 11134

ruta: MEX-110

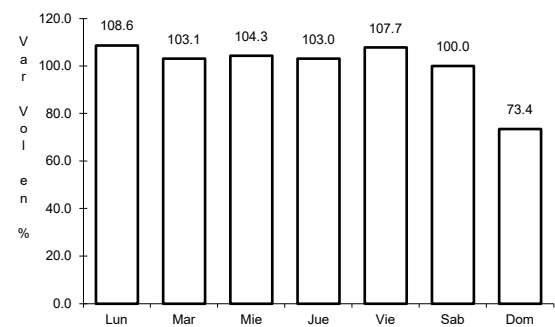


Km: 0.00      Tipo: 3      Sent: 0

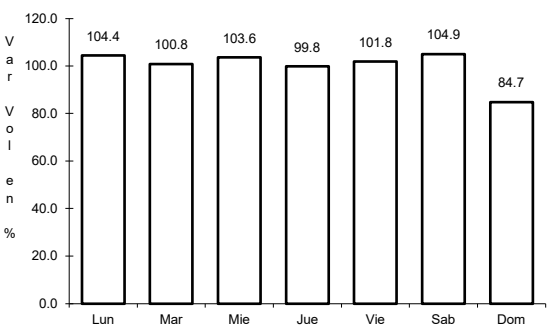
26 CARR: San Luis de La Paz - Guanajuato

CLAVE: 11108

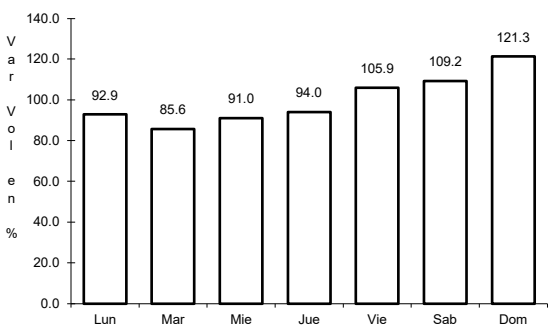
ruta: MEX-110



Km: 1.74      Tipo: 3      Sent: 1



Km: 1.74      Tipo: 3      Sent: 2

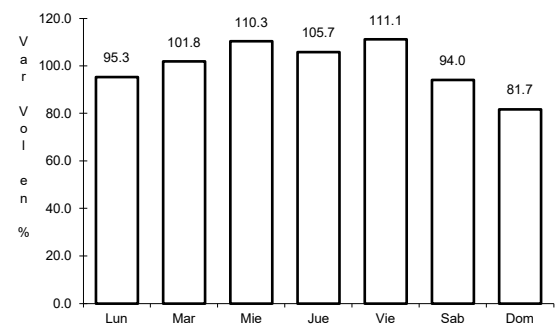


Km: 103.29      Tipo: 1      Sent: 0

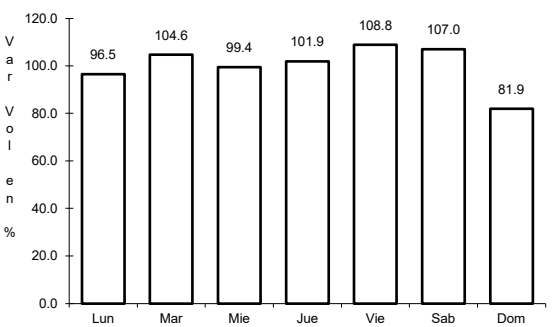
27 CARR: Lagos de Moreno - Villa de Arriaga (Cuota)

CLAVE:

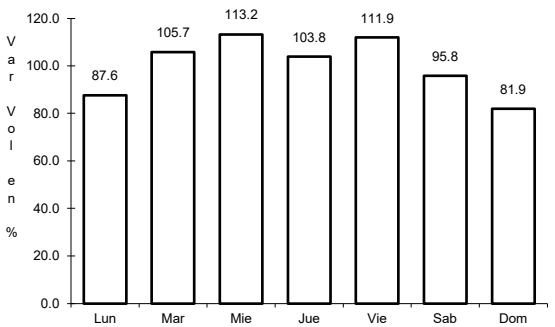
ruta: MEX-080D



Km: 12.10      Tipo: 3      Sent: 0



Km: 58.18      Tipo: 1      Sent: 0

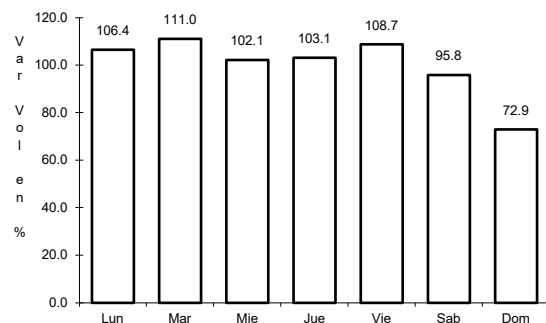


Km: 78.00      Tipo: 1      Sent: 0

28 CARR: León - Aguascalientes (Cuota)

CLAVE: 00013

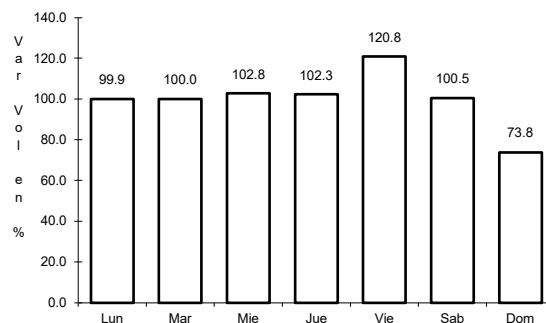
ruta: MEX-045D



Km: 0.00

Tipo: 3

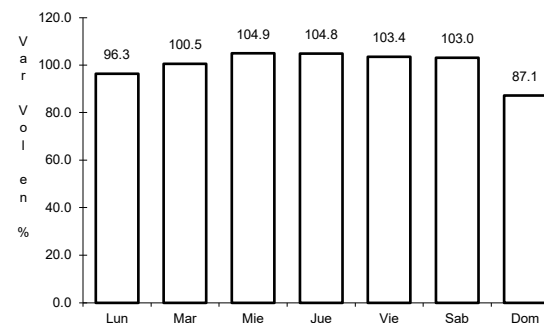
Sent: 1



Km: 0.00

Tipo: 3

Sent: 2



Km: 103.70

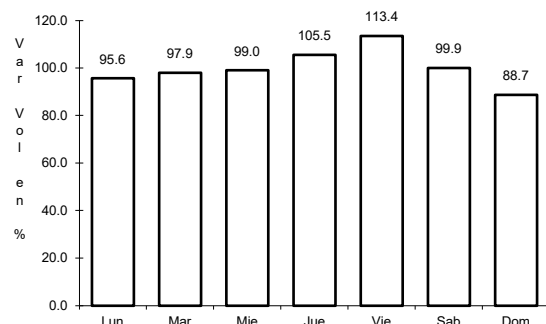
Tipo: 1

Sent: 1

29 CARR: Libramiento Norte de la Piedad (Cuota)

CLAVE:

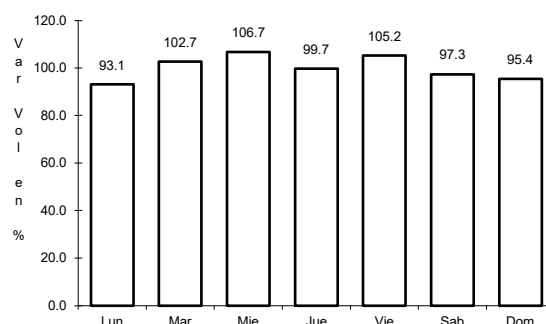
ruta: MEX-110D



Km: 76.50

Tipo: 3

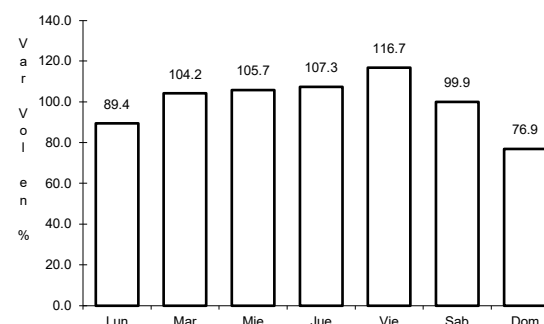
Sent: 1



Km: 76.50

Tipo: 3

Sent: 2



Km: 96.70

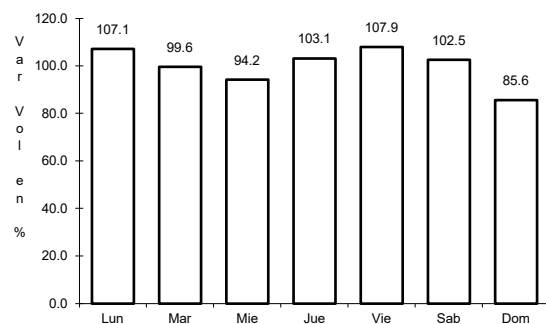
Tipo: 1

Sent: 1

30 CARR: Libramiento Poniente de Irapuato (Cuota)

CLAVE: 11014

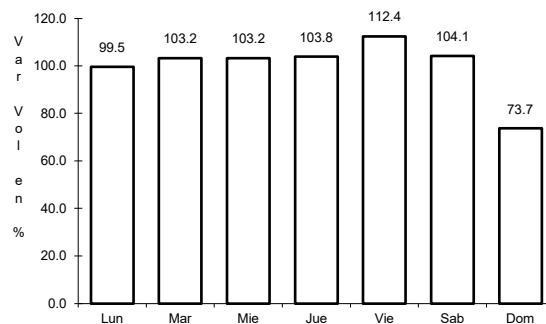
ruta: MEX-IRA 020D



Km: 0.00

Tipo: 3

Sent: 0



Km: 29.00

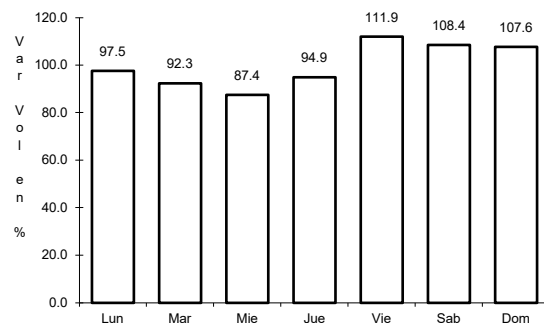
Tipo: 1

Sent: 0

31 CARR: Morelia - Salamanca (Cuota)

CLAVE: 00124

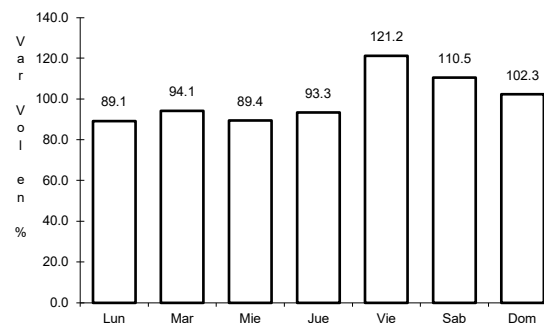
ruta: MEX-043D



Km: 0.00

Tipo: 3

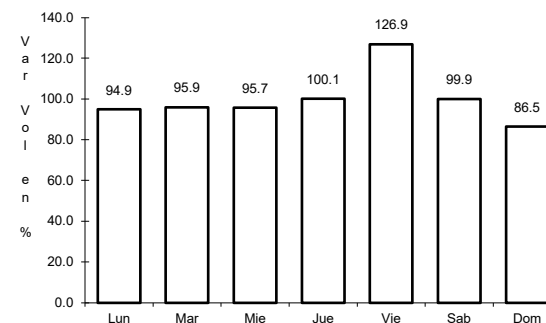
Sent: 0



Km: 77.09

Tipo: 1

Sent: 0



Km: 81.94

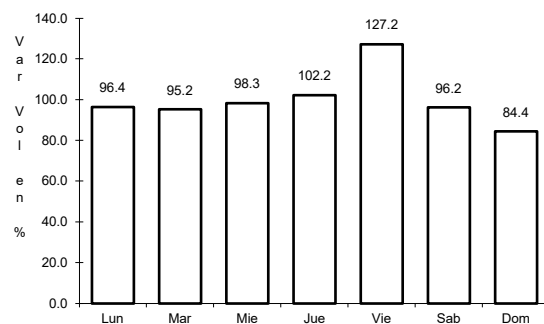
Tipo: 1

Sent: 0

32 CARR: Palmillas - Apaseo el Grande (Cuota)

CLAVE:

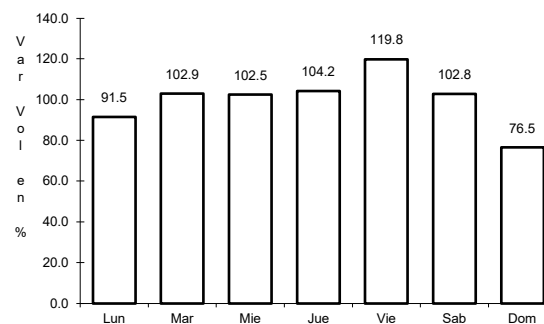
ruta: MEX-045D



Km: 4.00

Tipo: 1

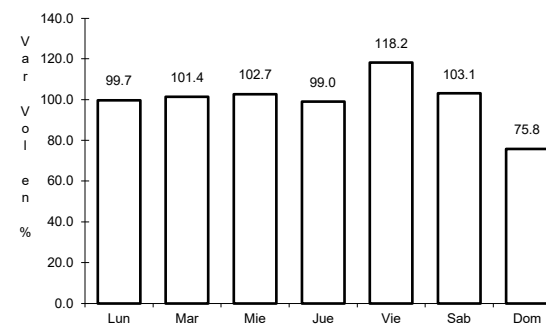
Sent: 1



Km: 4.00

Tipo: 1

Sent: 2



Km: 86.00

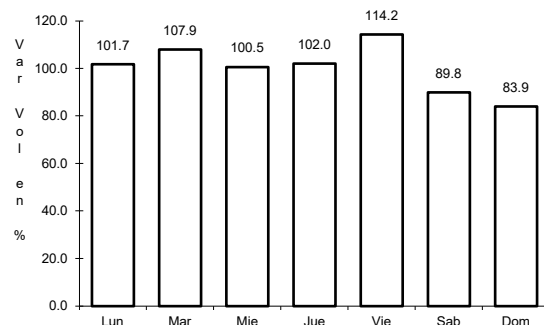
Tipo: 1

Sent: 1

33 CARR: Querétaro - Irapuato (Cuota)

CLAVE: 00423

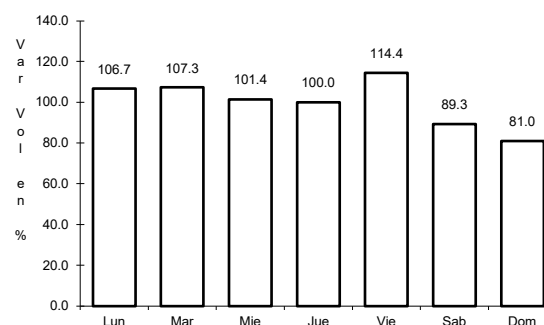
ruta: MEX-045D



Km: 0.00

Tipo: 3

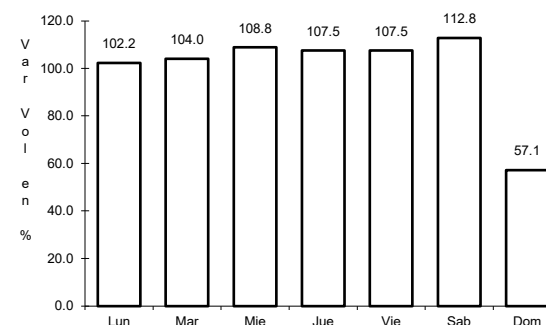
Sent: 1



Km: 0.00

Tipo: 3

Sent: 2



Km: 96.30

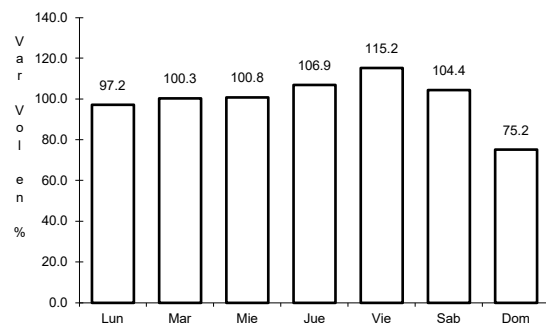
Tipo: 3

Sent: 1

34 CARR: Salamanca - León (Cuota)

CLAVE:

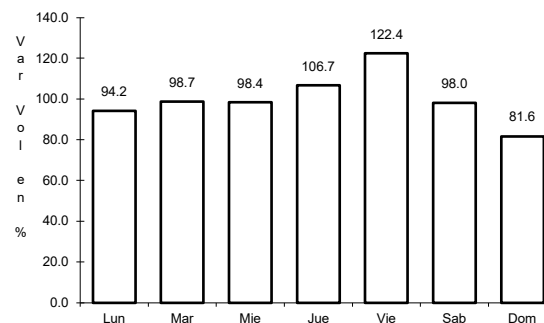
ruta: MEX-045D



Km: 0.00

Tipo: 3

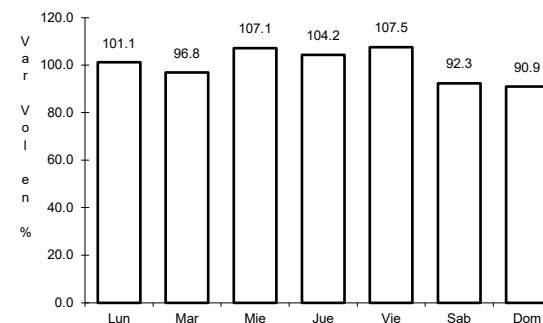
Sent: 1



Km: 0.00

Tipo: 3

Sent: 2



Km: 81.40

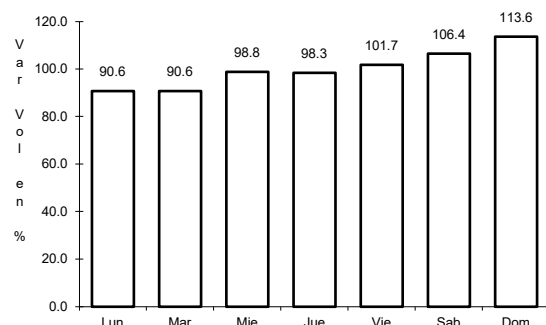
Tipo: 1

Sent: 1

35 CARR: Ent. Begoña - Ent. Presa de Manantiales

CLAVE: 11812

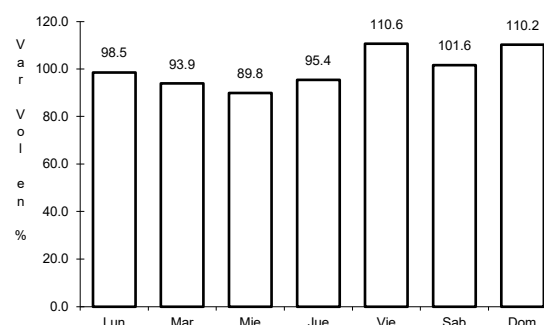
ruta: GTO



Km: 0.00

Tipo: 3

Sent: 0



Km: 37.00

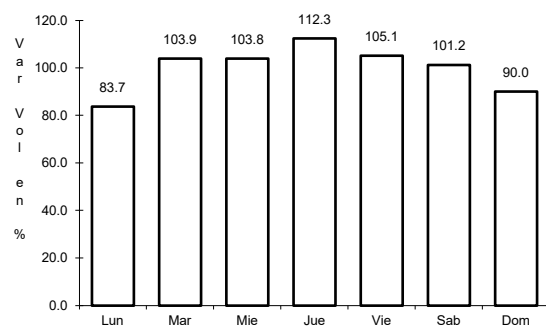
Tipo: 1

Sent: 0

36 CARR: Ent. San Miguel de Allende - Dr. Mora

CLAVE: 11001

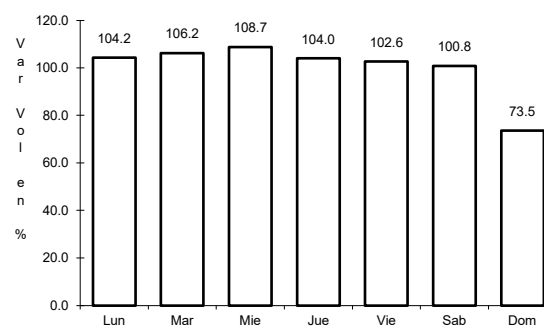
ruta: GTO-001



Km: 0.00

Tipo: 3

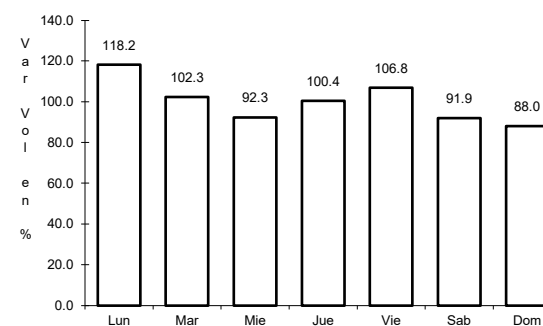
Sent: 0



Km: 32.00

Tipo: 1

Sent: 0



Km: 38.00

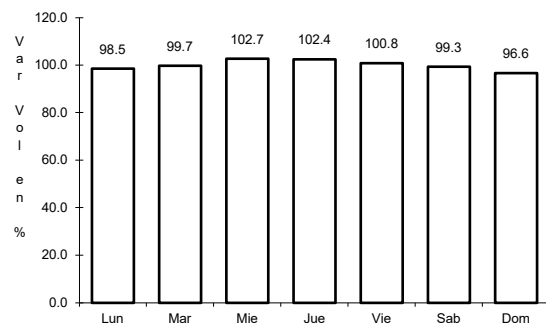
Tipo: 3

Sent: 0

37 CARR: Guanajuato - Santa Rita

CLAVE: 11810

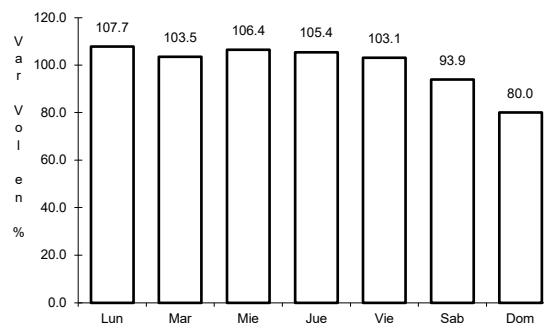
ruta: GTO



Km: 0.00

Tipo: 3

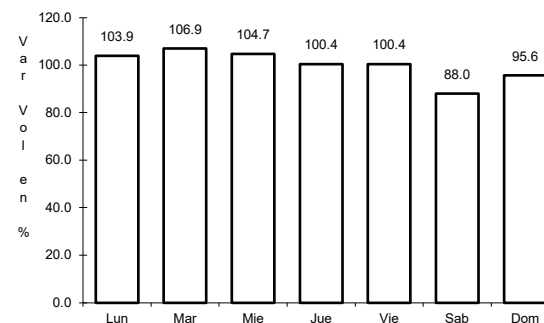
Sent: 1



Km: 0.00

Tipo: 3

Sent: 2



Km: 35.45

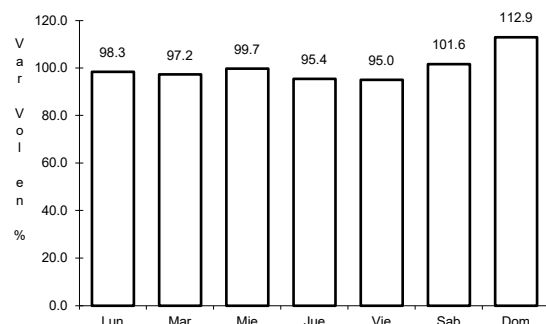
Tipo: 3

Sent: 0

38 CARR: Jalostotitlán - Purísima de Bustos

CLAVE: 00142

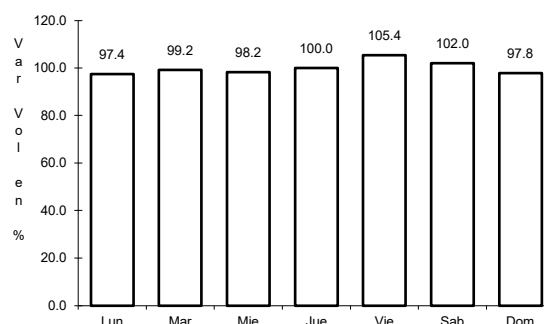
ruta: JAL-GTO



Km: 0.00

Tipo: 3

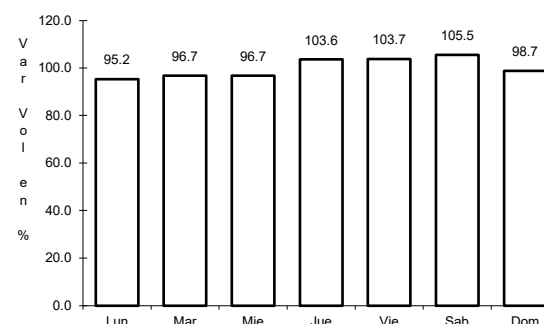
Sent: 0



Km: 63.00

Tipo: 3

Sent: 0



Km: 78.00

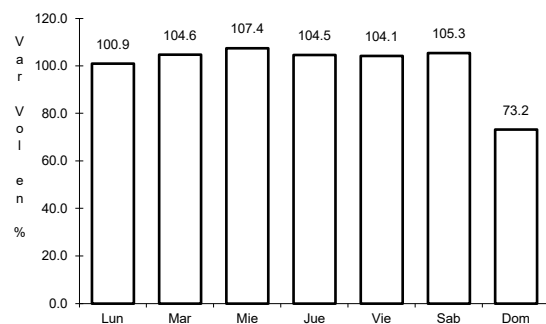
Tipo: 1

Sent: 0

39 CARR: León - Manuel Doblado

CLAVE: 11069

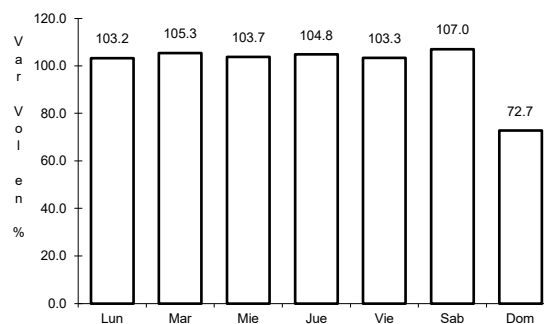
ruta: GTO-037



Km: 0.00

Tipo: 3

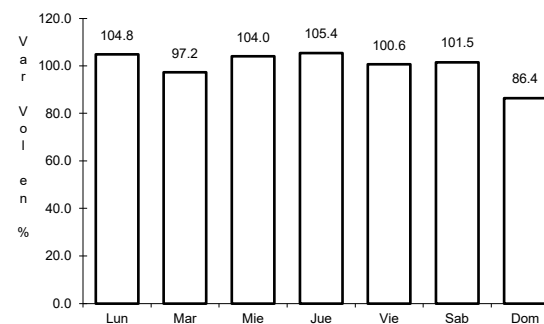
Sent: 1



Km: 0.00

Tipo: 3

Sent: 2



Km: 68.00

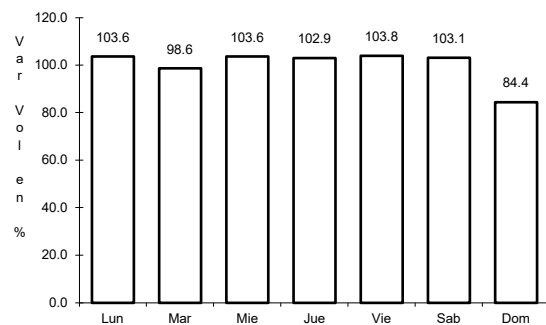
Tipo: 1

Sent: 0

40 CARR: León - San Felipe Torres Mochas

CLAVE: 11036

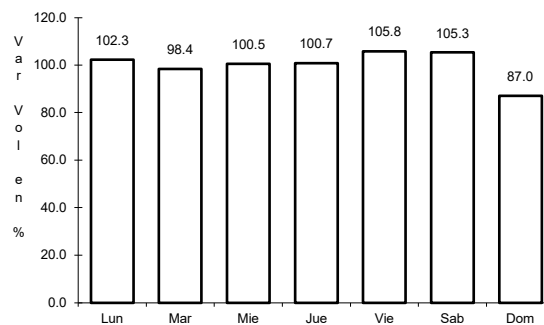
RUTA: GTO



Km: 0.00

Tipo: 3

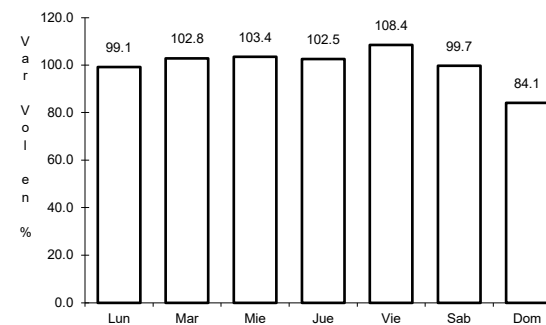
Sent: 1



Km: 0.00

Tipo: 3

Sent: 2



Km: 98.00

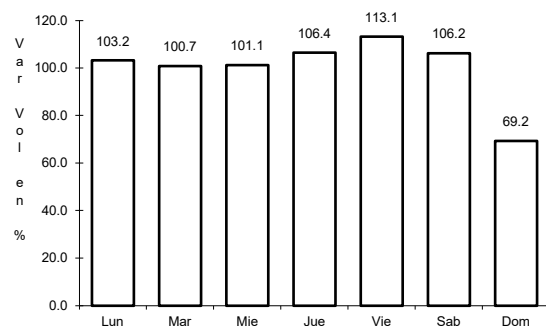
Tipo: 1

Sent: 0

41 CARR: Libramiento de Abasolo

CLAVE: 11011

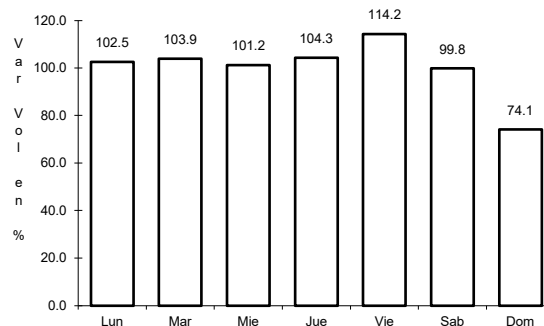
RUTA: GTO



Km: 0.00

Tipo: 3

Sent: 1



Km: 0.00

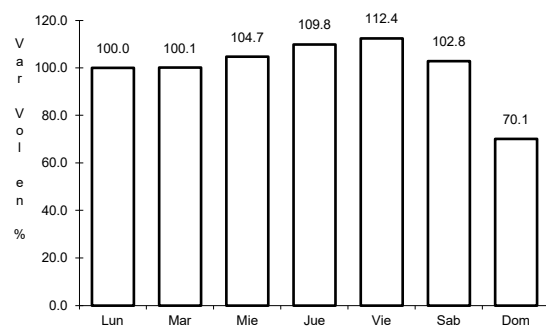
Tipo: 3

Sent: 2

42 CARR: Libramiento de Salamanca

CLAVE: 11002

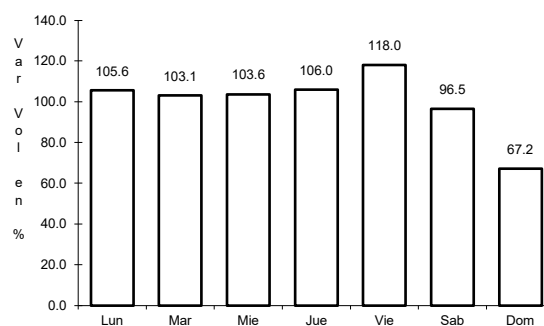
RUTA: GTO



Km: 0.00

Tipo: 3

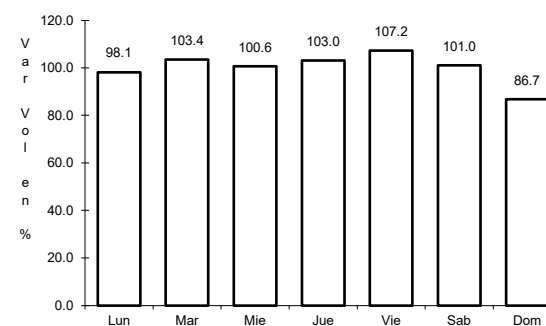
Sent: 1



Km: 0.00

Tipo: 3

Sent: 2



Km: 11.00

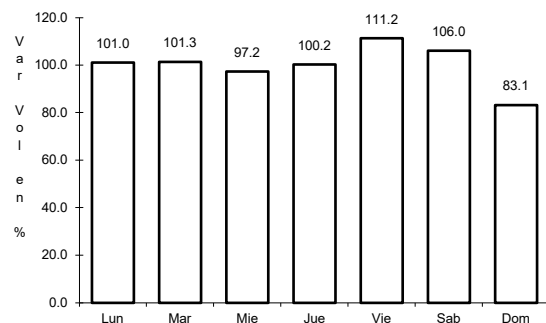
Tipo: 1

Sent: 1

#### 43 CARR: Libramiento de Salvatierra

CLAVE: 11012

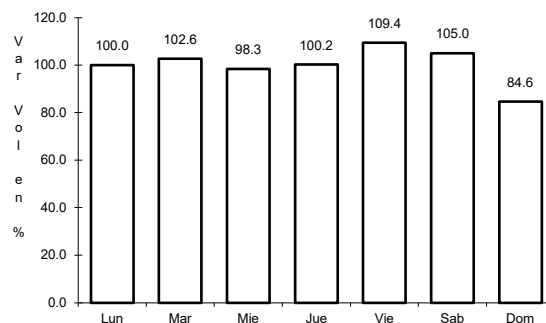
RUTA: GTO



Km: 2.50

Tipo: 3

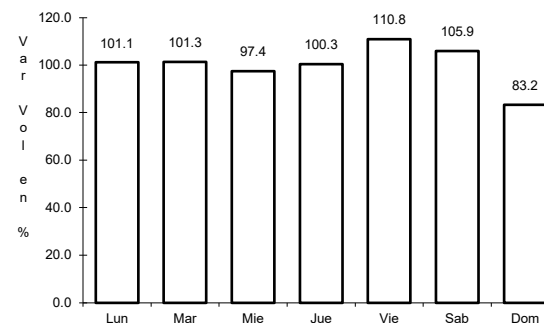
Sent: 1



Km: 2.50

Tipo: 3

Sent: 2



Km: 4.50

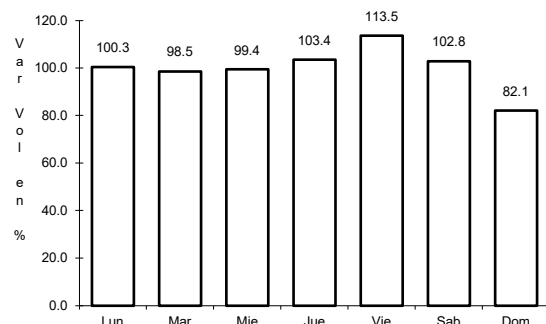
Tipo: 1

Sent: 1

#### 44 CARR: Libramiento de San Felipe Torres Mochas

CLAVE: 11012

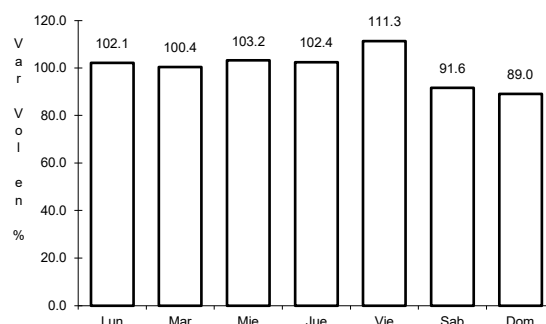
RUTA: GTO



Km: 0.00

Tipo: 3

Sent: 0



Km: 10.00

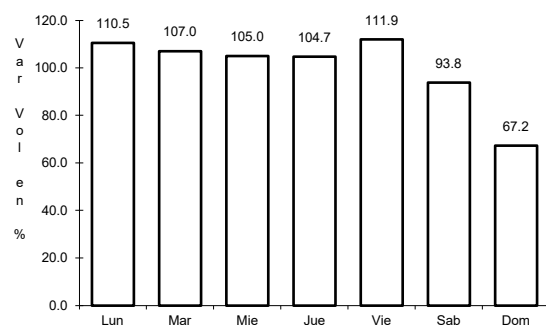
Tipo: 1

Sent: 0

#### 45 CARR: Libramiento de San Luis de La Paz

CLAVE: 11014

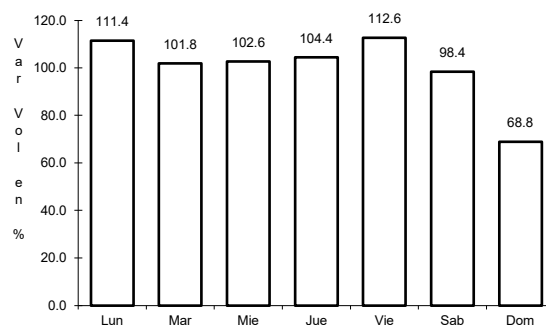
RUTA: GTO



Km: 0.00

Tipo: 3

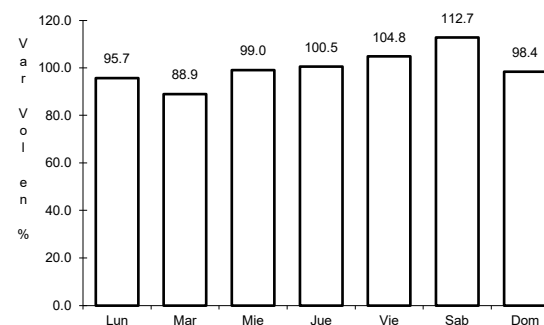
Sent: 1



Km: 0.00

Tipo: 3

Sent: 2



Km: 3.60

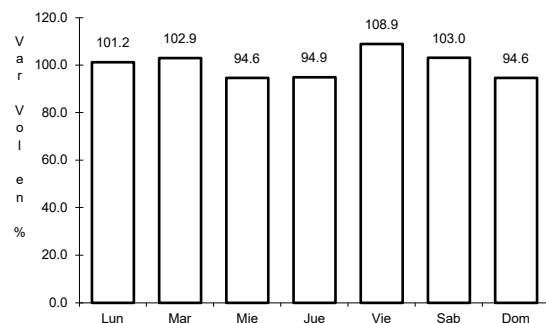
Tipo: 1

Sent: 1

46 CARR: Manuel Doblado - Plan de Ayala

CLAVE: 11028

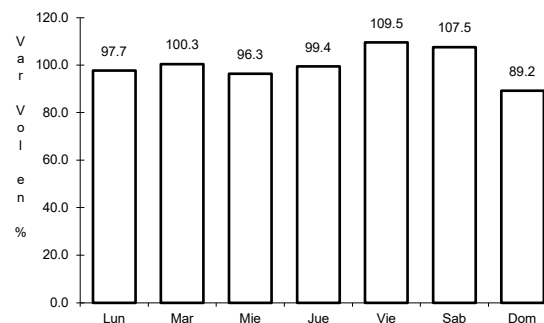
ruta: GTO



Km: 0.00

Tipo: 3

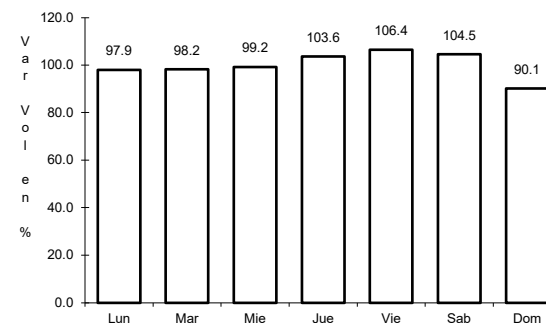
Sent: 0



Km: 31.49

Tipo: 1

Sent: 0



Km: 48.35

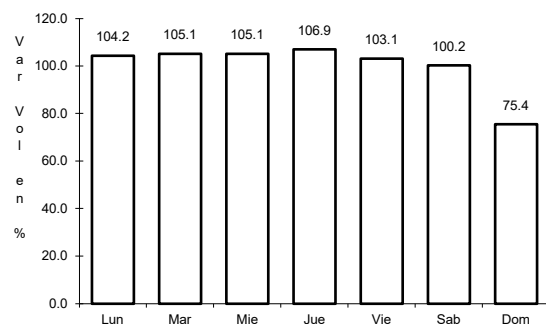
Tipo: 1

Sent: 0

47 CARR: Nuevo Libramiento de León

CLAVE: 11133

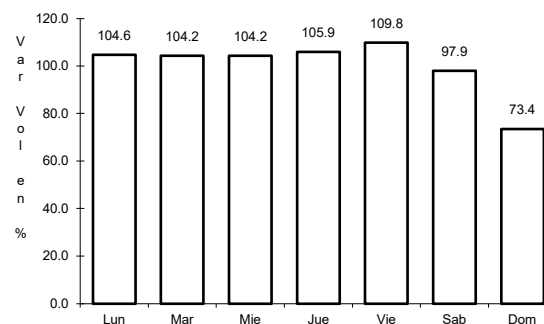
ruta: GTO



Km: 0.00

Tipo: 3

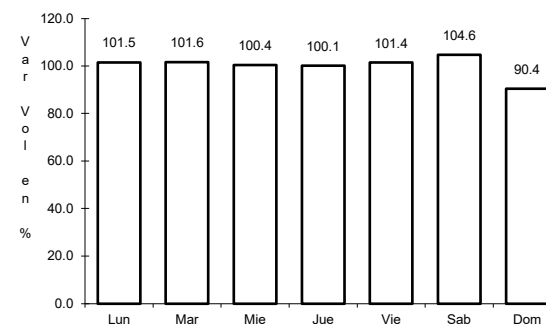
Sent: 1



Km: 0.00

Tipo: 3

Sent: 2



Km: 18.39

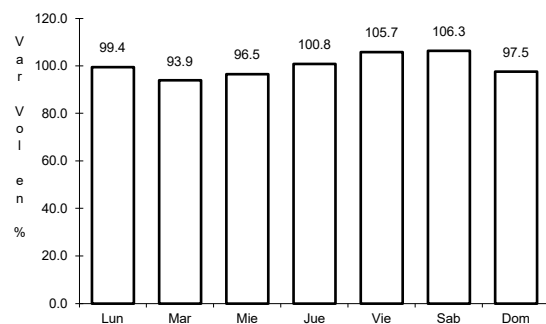
Tipo: 1

Sent: 0

48 CARR: Ramal a San Diego de La Unión

CLAVE: 11818

ruta: GTO



Km: 0.00

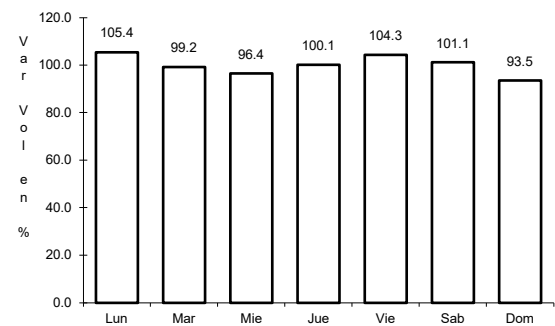
Tipo: 3

Sent: 0

49 CARR: Romita - El Saucillo

CLAVE: 11201

RUTA: GTO

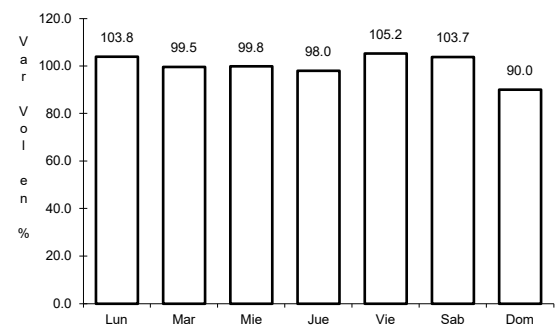


Km: 35.50      Tipo: 1      Sent: 0

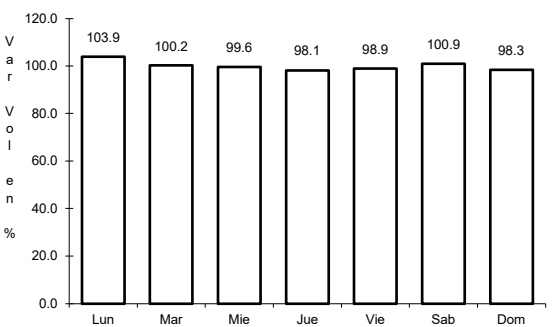
50 CARR: Salamanca - Juventino Rosas

CLAVE: 11817

RUTA: GTO



Km: 0.00      Tipo: 3      Sent: 0

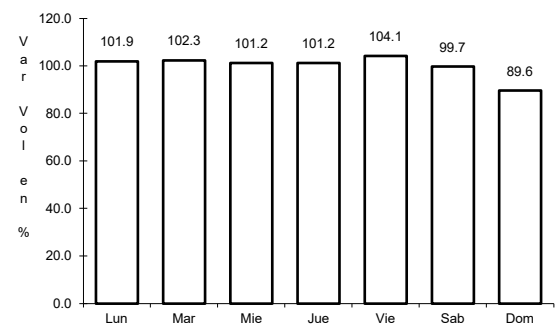


Km: 20.00      Tipo: 1      Sent: 0

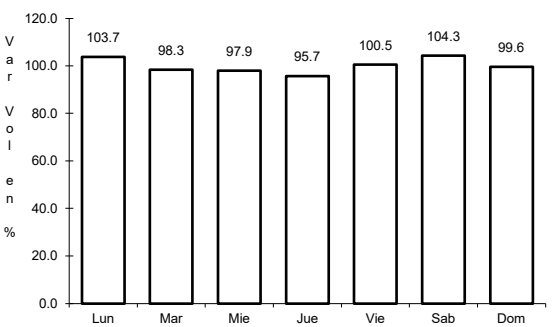
51 CARR: Salvatierra - Cortázar

CLAVE: 11327

RUTA: GTO



Km: 0.00      Tipo: 3      Sent: 0

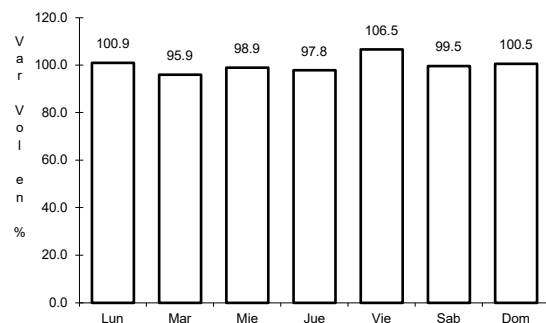


Km: 31.80      Tipo: 1      Sent: 0

52 CARR: San Luis de La Paz - San José Iturbide

CLAVE: 11046

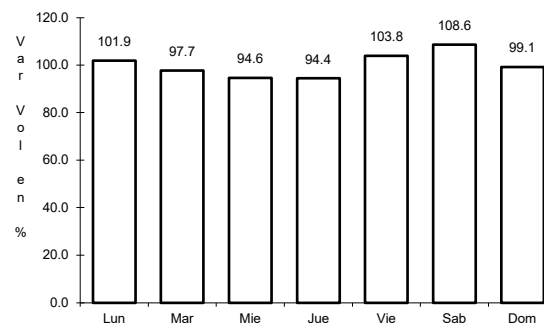
RUTA: GTO



Km: 0.00

Tipo: 3

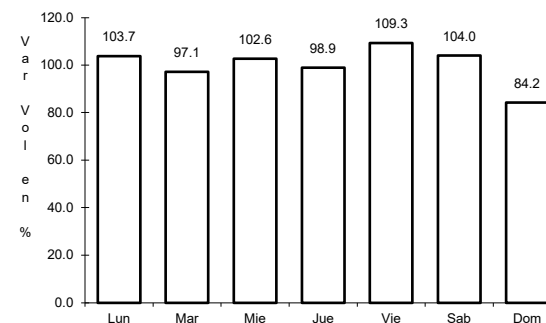
Sent: 0



Km: 21.50

Tipo: 1

Sent: 0



Km: 36.50

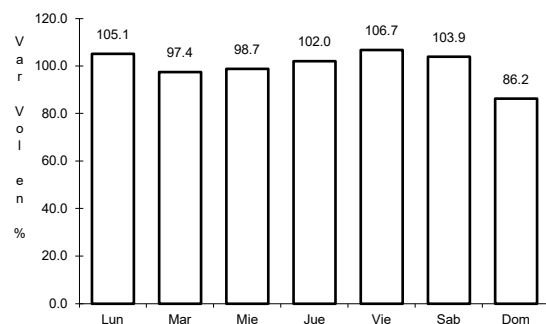
Tipo: 1

Sent: 0

53 CARR: Silao - La Romita

CLAVE: 11029

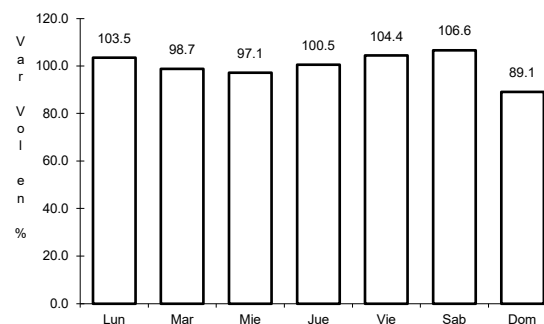
RUTA: GTO



Km: 0.00

Tipo: 3

Sent: 1



Km: 0.00

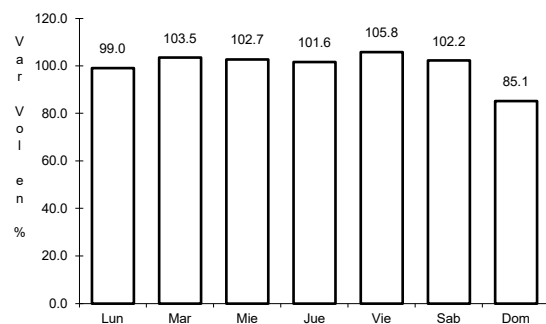
Tipo: 3

Sent: 2

54 CARR: Silao - Los Arrastres

CLAVE: 11029

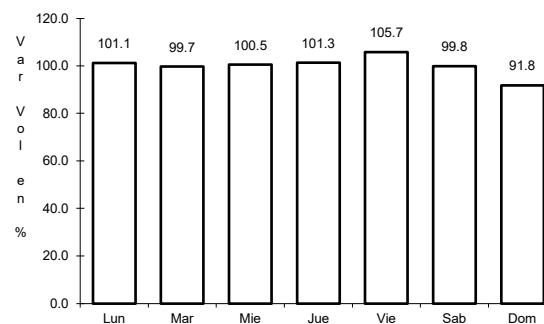
RUTA: GTO



Km: 0.00

Tipo: 3

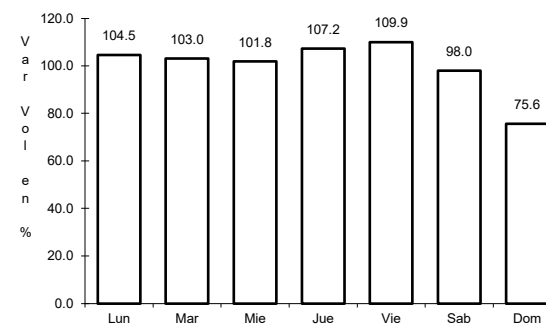
Sent: 1



Km: 0.00

Tipo: 3

Sent: 2



Km: 49.50

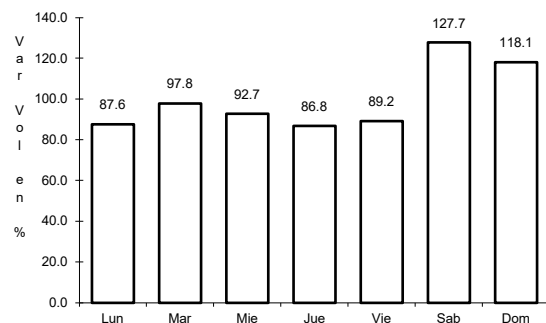
Tipo: 1

Sent: 0

55 CARR: T. C. (Villa del Pueblito - Huimilpan) - Coroneo

CLAVE: 00155

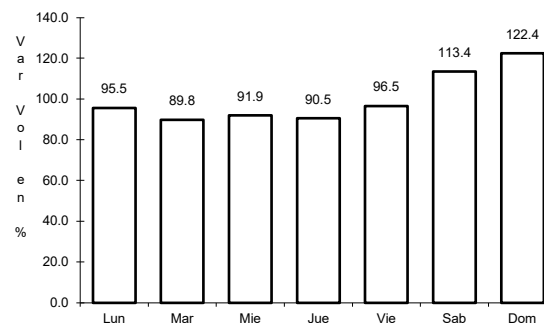
ruta: QRO-GTO



Km: 0.00

Tipo: 3

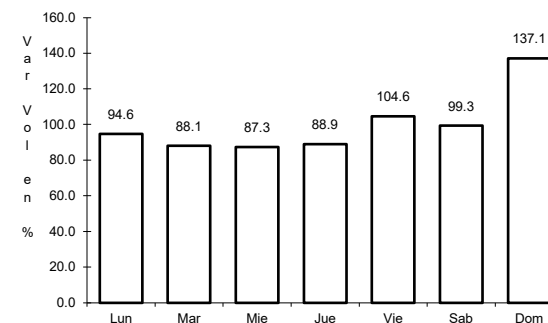
Sent: 0



Km: 2.60

Tipo: 3

Sent: 0



Km: 45.20

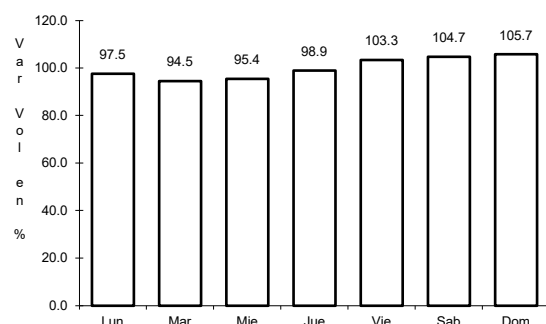
Tipo: 1

Sent: 0

56 CARR: Guanajuato - Silao (Cuota)

CLAVE: 11810

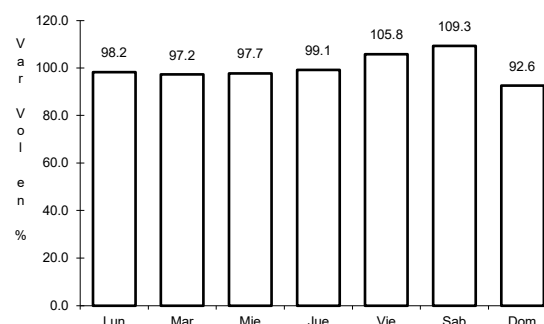
ruta: GTO-110D



Km: 3.76

Tipo: 1

Sent: 1



Km: 3.76

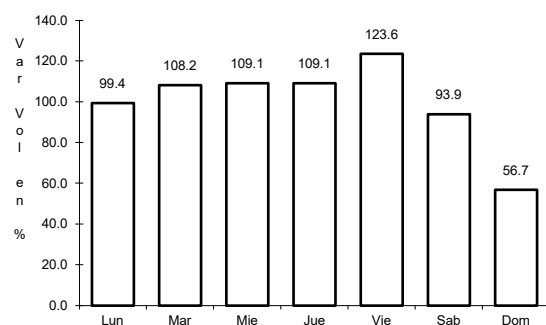
Tipo: 1

Sent: 2

57 CARR: Libramiento de Celaya (Cuota)

CLAVE: 11011

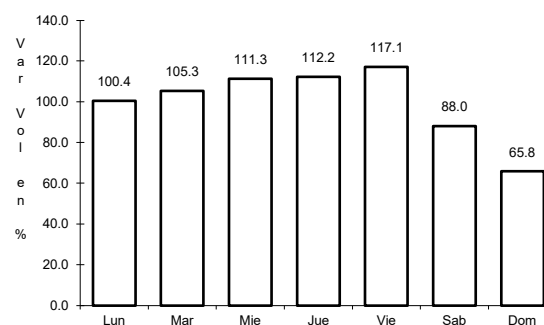
ruta: GTO-D



Km: 0.00

Tipo: 3

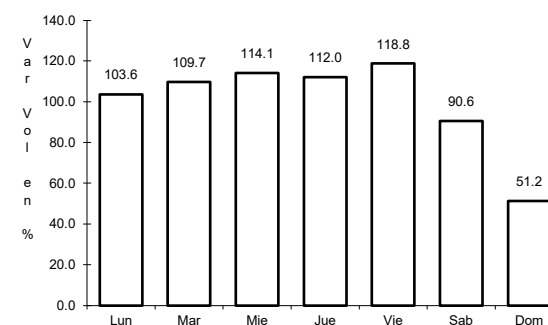
Sent: 1



Km: 0.00

Tipo: 3

Sent: 2



Km: 16.45

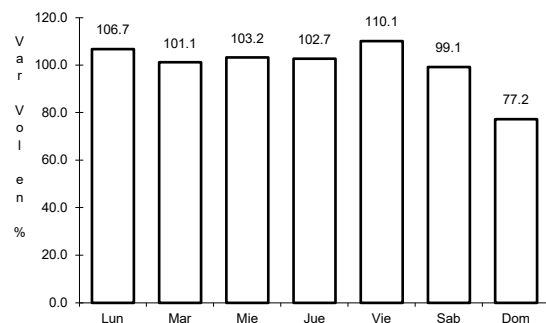
Tipo: 1

Sent: 1

58 CARR: Celaya - Dolores Hidalgo

CLAVE: 11109

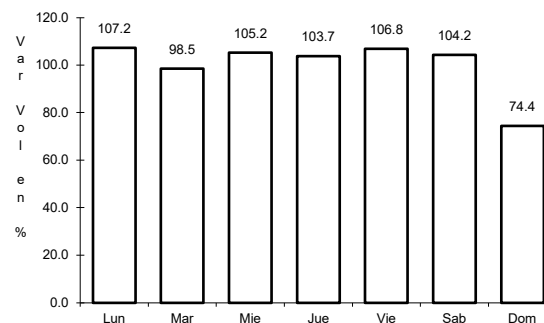
RUTA: MEX-051-GTO



Km: 3.90

Tipo: 1

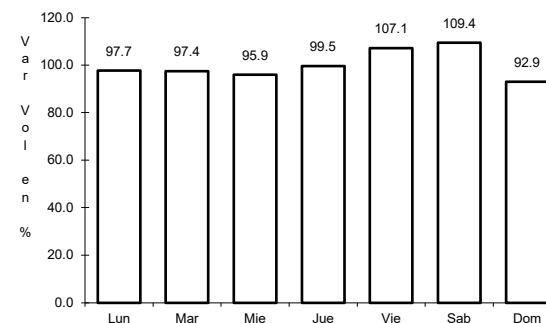
Sent: 1



Km: 3.90

Tipo: 1

Sent: 2



Km: 85.42

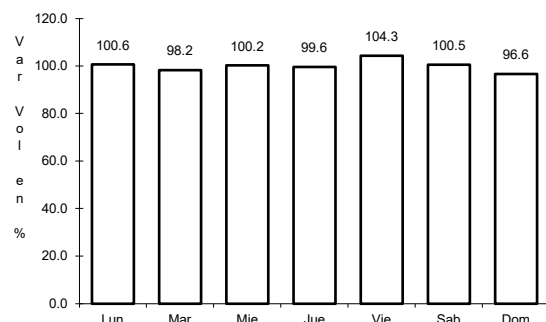
Tipo: 1

Sent: 0

59 CARR: Cortázar - Valle de Santiago

CLAVE: 11016

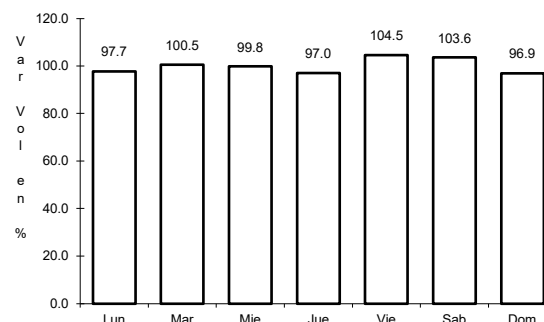
RUTA: MEX-GTO-017



Km: 0.00

Tipo: 3

Sent: 0



Km: 29.20

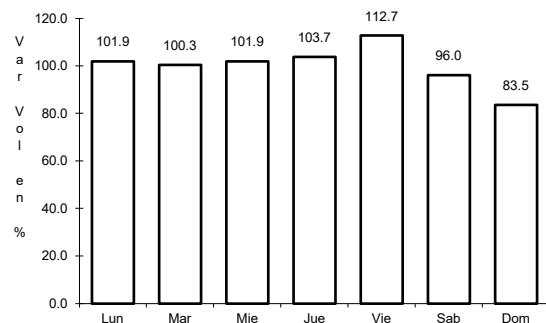
Tipo: 1

Sent: 0

60 CARR: Guanajuato - Los Infantes

CLAVE: 11067

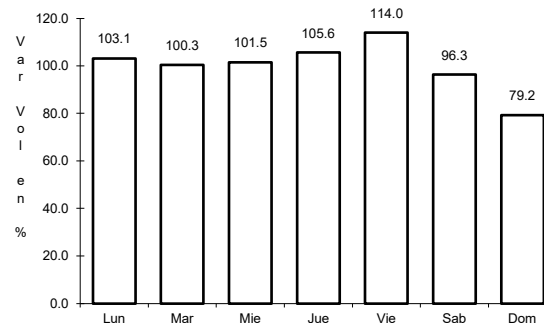
RUTA: MEX-110-GTO



Km: 0.00

Tipo: 3

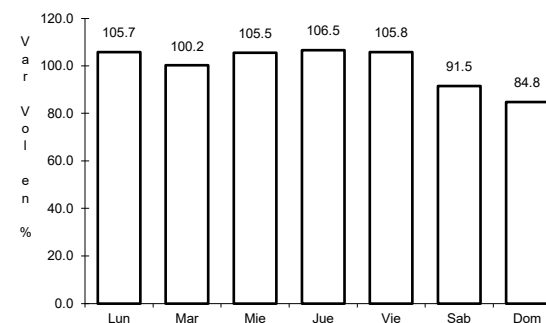
Sent: 1



Km: 0.00

Tipo: 3

Sent: 2

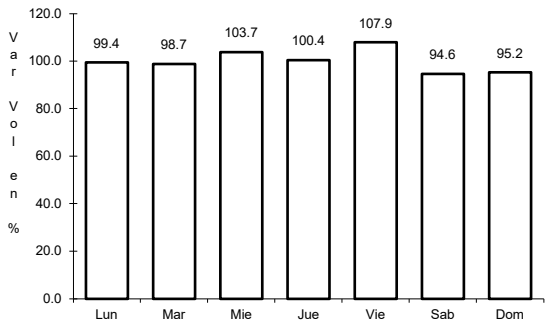


Km: 22.00

Tipo: 1

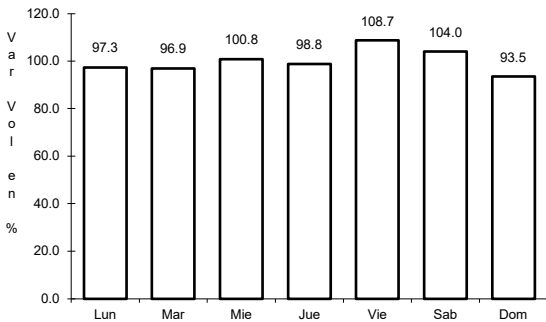
Sent: 0

61 CARR: Tepatlán - Las Adjuntas



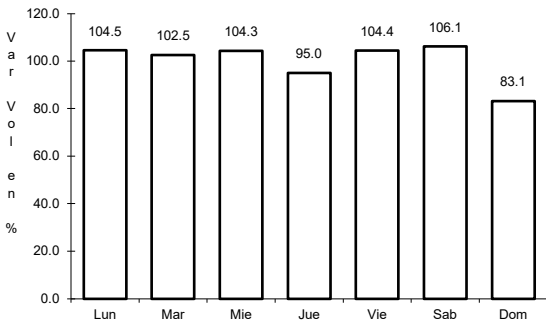
Km: 0.00                      Tipo: 3                      Sent: 1

CLAVE: 00141



Km: 0.00                      Tipo: 3                      Sent: 2

ruta: JAL/MEX-084



Km: 100.00                      Tipo: 1                      Sent: 0

