

# MICHOACAN

## ---RED FEDERAL LIBRE---

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| 2  | Carapan - Playa Azul                            | MEX-037     |
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| 4  | Ent. Playa Azul - Manzanillo                    | MEX-200     |
| 5  | Huajúmbaro - San José                           | MEX-051-120 |
| 6  | Irapuato - Zapotlanejo                          | MEX-090     |
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| 8  | Jiquilpan - Guadalajara                         | MEX-015     |
| 9  | La Noria - Acámbaro                             | MEX-120     |
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| 13 | Libramiento de Yurécuaro                        | MEX-110     |
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| 25 | Zamora - Vista Hermosa                          | MEX-035     |
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## ---RED FEDERAL DE CUOTA---

|    |   |          |
|----|---|----------|
| 28 | Atlaconulco - Maravatio (Cuota)         | MEX-015D |
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## ---RED ESTATAL LIBRE---

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|----|---|-------------|
| 36 | Apatzingán - Aguililla                              | MICH        |
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| 40 | El Correo - Lagunillas                              | MICH        |
| 41 | El Temascal - El Limón                              | MICH        |
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| 43 | Jacona - Buenavista Tomatlán                        | MICH-016    |
| 44 | La Paz - Tepetongo                                  | MICH        |
| 45 | Libramiento de Uruapan                              | MICH        |
| 46 | Pátzcuaro - Chupicuaro                              | MICH        |
| 47 | Ramal a Coahuayana                                  | MICH-069    |
| 48 | Ramal a Infiernillo                                 | MICH-010    |
| 49 | San Felipe Alzati - Angangueo                       | MICH-044    |
| 50 | San Juan Tumbio - Cherán                            | MICH        |
| 51 | T. C. (Carapan - Playa Azul) - Peribán de Ramos     | MICH        |
| 52 | T. C. (Toluca - Morelia) - Maravatio                | MICH-122    |
| 53 | T. C. (V. Victoria - El Oro de Hidalgo) - Angangueo | EM-003-MICH |
| 54 | Tepalcatepec - Aguila                               | MICH        |
| 55 | Tiripetío - Eréndira                                | MICH        |
| 56 | Tocumbo - Cotija                                    | MICH-042    |
| 57 | Ucareo - T. C. (Toluca - Morelia)                   | MICH        |
| 58 | Uruapan - El Copetiro                               | MICH        |
| 59 | Zacapu - Villachuato                                | MICH-039    |
| 60 | Zicuirán - Churumuco                                | MICH        |

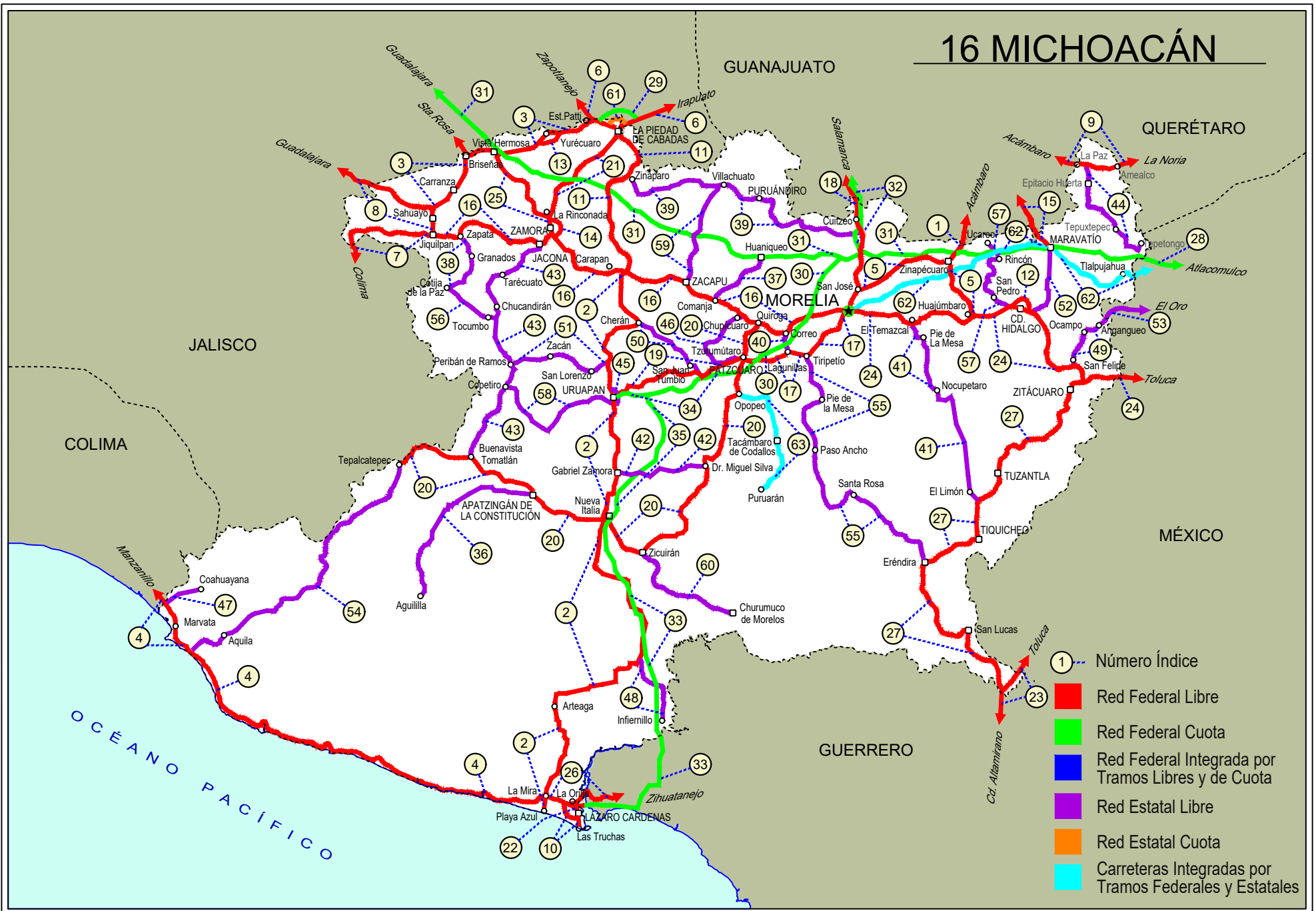
## ---RED ESTATAL DE CUOTA---

|    |                          |        |
|----|--------------------------|--------|
| 61 | Libramiento de la Piedad | MICH-D |
|----|--------------------------|--------|

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

|    |                       |                |
|----|-----------------------|----------------|
| 62 | Atlaconulco - Morelia | EM-005-MEX-126 |
| 63 | Opopeo - Puruarán     | MEX-041-MICH   |

# 16 MICHOACÁN





MICHOACAN

1 CARR: Acámbaro - Zinapécuaro

CLAVE: 00417

RUTA: MEX-120

AÑO: 2022

| 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  | 5486 | 1.5                                  | 83.2 | 2.2 | 10.7 | 0.8 | 1.1  | 0.3  | 0.2    | 0.0   | 84.7 | 2.2 | 13.1 | 0.089 | 0.537 | 19.992718   | -100.735802 |
| Lim. Edos. Term. Gto. Ppia. Mich. | 12.80    | 0  | 0  |      |                                      |      |     |      |     |      |      |        |       |      |     |      |       |       |             |             |
| Zinapécuaro                       | 25.00    | 1  | 0  | 6945 | 3.3                                  | 83.8 | 0.7 | 7.8  | 0.6 | 2.5  | 0.8  | 0.1    | 0.4   | 87.1 | 0.7 | 12.2 | 0.084 | 0.521 | 19.876324   | -100.815719 |

2 CARR: Carapan - Playa Azul

CLAVE: 16126

RUTA: MEX-037

AÑO: 2022

| 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 - Jiquilpan    | 0.00     | 3  | 0  | 4592  | 5.1                                  | 68.3 | 4.0 | 14.0 | 3.0 | 3.4  | 1.5  | 0.4    | 0.3   | 73.4 | 4.0 | 22.6 | 0.081 | 0.508 | 19.845673   | -102.031042 |
| T. Der. Sta. Cruz Tanaco     | 12.75    | 1  | 0  | 4855  | 6.4                                  | 68.8 | 3.5 | 16.1 | 1.9 | 1.9  | 0.9  | 0.3    | 0.2   | 75.2 | 3.5 | 21.3 | 0.065 | 0.505 | 19.746755   | -102.026404 |
| Cherán                       | 26.50    | 1  | 0  | 3096  | 3.8                                  | 71.4 | 3.1 | 9.8  | 3.4 | 5.8  | 1.9  | 0.5    | 0.3   | 75.2 | 3.1 | 21.7 | 0.068 | 0.507 | 19.698853   | -101.988942 |
| Cherán                       | 26.50    | 3  | 0  | 5683  | 6.1                                  | 77.5 | 1.6 | 8.8  | 1.5 | 2.1  | 1.4  | 0.5    | 0.5   | 83.6 | 1.6 | 14.8 | 0.088 | 0.515 | 19.676661   | -101.963437 |
| Paracho de Verduzco          | 40.40    | 1  | 0  | 9379  | 2.2                                  | 81.8 | 1.7 | 9.2  | 1.8 | 1.8  | 0.9  | 0.4    | 0.2   | 84.0 | 1.7 | 14.3 | 0.085 | 0.507 | 19.659121   | -102.034205 |
| Paracho de Verduzco          | 40.40    | 3  | 0  | 7925  | 1.9                                  | 82.3 | 2.0 | 5.0  | 3.1 | 3.1  | 1.5  | 0.5    | 0.6   | 84.2 | 2.0 | 13.8 | 0.082 | 0.504 | 19.627704   | -102.064221 |
| Capácuaro                    | 56.00    | 1  | 0  | 6119  | 1.8                                  | 75.6 | 1.7 | 13.5 | 3.0 | 2.8  | 1.1  | 0.2    | 0.3   | 77.4 | 1.7 | 20.9 | 0.076 | 0.506 | 19.551520   | -102.052108 |
| T. Der. Peribán              | 59.40    | 1  | 1  | 4027  | 1.5                                  | 77.4 | 1.7 | 14.0 | 2.2 | 1.9  | 1.0  | 0.2    | 0.1   | 78.9 | 1.7 | 19.4 | 0.079 | 0.519 | 19.533180   | -102.074736 |
| T. Der. Peribán              | 59.40    | 1  | 2  | 4344  | 1.4                                  | 77.2 | 1.8 | 13.9 | 2.4 | 1.9  | 1.1  | 0.2    | 0.1   | 78.6 | 1.8 | 19.6 | 0.076 | 0.519 | 19.533244   | -102.074506 |
| T. Der. Peribán              | 59.40    | 3  | 0  | 11502 | 0.9                                  | 78.7 | 1.1 | 9.5  | 2.4 | 4.5  | 1.5  | 0.5    | 0.9   | 79.6 | 1.1 | 19.3 | 0.079 | 0.509 | 19.523145   | -102.077541 |
| Uruapan                      | 72.03    | 1  | 1  | 11896 | 4.0                                  | 81.6 | 1.2 | 8.5  | 1.8 | 1.5  | 0.6  | 0.4    | 0.4   | 85.6 | 1.2 | 13.2 | 0.082 | 0.517 | 19.436008   | -102.072549 |
| Uruapan                      | 72.03    | 1  | 2  | 11113 | 4.0                                  | 81.6 | 1.2 | 8.5  | 1.8 | 1.5  | 0.6  | 0.4    | 0.4   | 85.6 | 1.2 | 13.2 | 0.089 | 0.517 | 19.435949   | -102.072530 |
| Uruapan                      | 72.03    | 3  | 0  | 7243  | 8.0                                  | 79.3 | 0.5 | 8.8  | 1.5 | 0.9  | 0.6  | 0.2    | 0.2   | 87.3 | 0.5 | 12.2 | 0.088 | 0.500 | 19.362613   | -102.060123 |
| Gabriel Zamora               | 113.68   | 1  | 0  | 3260  | 8.2                                  | 82.4 | 0.8 | 5.9  | 1.2 | 1.2  | 0.1  | 0.1    | 0.1   | 90.6 | 0.8 | 8.6  | 0.072 | 0.501 | 19.174887   | -102.062709 |
| Gabriel Zamora               | 113.68   | 3  | 0  | 3601  | 11.4                                 | 78.9 | 1.1 | 7.5  | 0.9 | 0.1  | 0.1  | 0.0    | 0.0   | 90.3 | 1.1 | 8.6  | 0.086 | 0.504 | 19.137608   | -102.053614 |
| X. C. Quiroga - Tepalcatepec | 137.78   | 1  | 1  | 9179  | 8.8                                  | 86.0 | 0.2 | 3.4  | 0.8 | 0.3  | 0.1  | 0.2    | 0.2   | 94.8 | 0.2 | 5.0  | 0.085 | 0.518 | 18.997599   | -102.103289 |
| X. C. Quiroga - Tepalcatepec | 137.78   | 1  | 2  | 9847  | 6.0                                  | 88.4 | 0.2 | 3.7  | 0.9 | 0.3  | 0.1  | 0.2    | 0.2   | 94.4 | 0.2 | 5.4  | 0.111 | 0.518 | 18.997696   | -102.103145 |
| X. C. Quiroga - Tepalcatepec | 137.78   | 3  | 0  | 7516  | 4.7                                  | 89.3 | 0.8 | 4.7  | 0.2 | 0.1  | 0.1  | 0.1    | 0.0   | 94.0 | 0.8 | 5.2  | 0.092 | 0.512 | 18.981768   | -102.106318 |
| San Pedro Barajas            | 171.49   | 1  | 0  | 249   | 3.1                                  | 90.1 | 0.1 | 4.9  | 1.5 | 0.1  | 0.2  | 0.0    | 0.0   | 93.2 | 0.1 | 6.7  | 0.096 | 0.505 | 18.788290   | -102.054932 |
| San Pedro Barajas            | 171.49   | 3  | 0  | 509   | 6.1                                  | 86.5 | 0.8 | 6.4  | 0.2 | 0.0  | 0.0  | 0.0    | 0.0   | 92.6 | 0.8 | 6.6  | 0.096 | 0.522 | 18.785447   | -102.046864 |
| T. Izq. Infiernillo          | 212.61   | 1  | 0  | 606   | 3.3                                  | 85.5 | 0.4 | 10.6 | 0.1 | 0.1  | 0.0  | 0.0    | 0.0   | 88.8 | 0.4 | 10.8 | 0.083 | 0.508 | 18.524708   | -101.980247 |
| T. Izq. Infiernillo          | 212.61   | 3  | 0  | 466   | 7.0                                  | 83.5 | 0.2 | 6.8  | 1.9 | 0.2  | 0.3  | 0.1    | 0.0   | 90.5 | 0.2 | 9.3  | 0.101 | 0.506 | 18.521243   | -101.981201 |
| Arteaga                      | 274.50   | 1  | 0  | 1413  | 20.5                                 | 69.0 | 0.1 | 7.4  | 2.7 | 0.1  | 0.2  | 0.0    | 0.0   | 89.5 | 0.1 | 10.4 | 0.076 | 0.509 | 18.371703   | -102.290903 |
| T. Izq. Zihuatanejo          | 333.80   | 1  | 0  | 1160  | 7.6                                  | 78.3 | 1.3 | 12.0 | 0.6 | 0.1  | 0.1  | 0.0    | 0.0   | 85.9 | 1.3 | 12.8 | 0.089 | 0.523 | 18.049002   | -102.328355 |
| T. Izq. Zihuatanejo          | 333.80   | 3  | 0  | 5848  | 1.4                                  | 82.3 | 1.6 | 13.9 | 0.3 | 0.2  | 0.2  | 0.1    | 0.0   | 83.7 | 1.6 | 14.7 | 0.083 | 0.505 | 18.025087   | -102.335351 |
| Playa Azul                   | 340.70   | 1  | 0  | 3800  | 6.8                                  | 85.4 | 1.0 | 5.3  | 0.7 | 0.2  | 0.3  | 0.2    | 0.1   | 92.2 | 1.0 | 6.8  | 0.100 | 0.529 | 17.984870   | -102.355068 |

MICHOACAN

3 CARR: Ent. Patti - Sahuayo

CLAVE: 16181

RUTA: MEX-110

AÑO: 2022

| 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 - Guadalajara                 | 0.00     | 3  | 0  | 5976  | 3.7                                  | 77.0 | 3.2 | 5.2  | 3.5 | 4.8  | 1.2  | 1.2    | 0.2   | 80.7 | 3.2 | 16.1 | 0.090 | 0.505 | 20.371274   | -102.118308 |
| T. C. Libramiento Norte de La Piedad (Cuota) | 2.10     | 3  | 0  | 11426 | 1.3                                  | 47.5 | 6.4 | 10.1 | 4.2 | 20.3 | 4.6  | 4.7    | 0.9   | 48.8 | 6.4 | 44.8 | 0.074 | 0.505 | 20.363315   | -102.141346 |
| T. Izq. Mirandillas                          | 7.97     | 3  | 0  | 12373 | 2.2                                  | 55.1 | 5.3 | 7.4  | 4.8 | 16.8 | 3.8  | 3.7    | 0.9   | 57.3 | 5.3 | 37.4 | 0.075 | 0.537 | 20.340072   | -102.176304 |
| T. Izq. Libramiento de Yurécuaro             | 23.34    | 3  | 0  | 15136 | 3.4                                  | 52.8 | 5.5 | 8.5  | 4.6 | 15.9 | 3.9  | 4.5    | 0.9   | 56.2 | 5.5 | 38.3 | 0.077 | 0.515 | 20.311442   | -102.310750 |
| T. Izq. Tanhuato de Guerrero (2do. Acceso)   | 28.77    | 1  | 0  | 13927 | 2.7                                  | 57.5 | 6.4 | 8.5  | 4.1 | 13.0 | 3.4  | 3.5    | 0.9   | 60.2 | 6.4 | 33.4 | 0.082 | 0.500 | 20.296134   | -102.330547 |
| T. Izq. Tanhuato de Guerrero (2do. Acceso)   | 28.77    | 3  | 0  | 12598 | 5.6                                  | 51.5 | 5.9 | 8.0  | 4.9 | 16.5 | 3.3  | 3.4    | 0.9   | 57.1 | 5.9 | 37.0 | 0.074 | 0.515 | 20.281075   | -102.355014 |
| T. Izq. Zamora                               | 44.26    | 1  | 0  | 8936  | 4.3                                  | 66.1 | 2.3 | 13.8 | 3.9 | 6.7  | 1.5  | 0.9    | 0.5   | 70.4 | 2.3 | 27.3 | 0.085 | 0.510 | 20.266259   | -102.467437 |
| Vista Hermosa                                | 44.98    | 3  | 0  | 9795  | 3.8                                  | 70.8 | 2.6 | 9.8  | 3.8 | 6.3  | 1.5  | 0.9    | 0.5   | 74.6 | 2.6 | 22.8 | 0.089 | 0.506 | 20.277096   | -102.486352 |
| Briseñas                                     | 55.90    | 3  | 0  | 8691  | 4.3                                  | 73.4 | 2.2 | 8.2  | 3.5 | 4.9  | 1.5  | 1.1    | 0.9   | 77.7 | 2.2 | 20.1 | 0.087 | 0.521 | 20.258260   | -102.586533 |
| Cumuatillo                                   | 71.87    | 3  | 0  | 9143  | 4.2                                  | 73.2 | 2.5 | 7.5  | 3.3 | 5.0  | 2.2  | 1.5    | 0.6   | 77.4 | 2.5 | 20.1 | 0.088 | 0.504 | 20.134701   | -102.638721 |
| T. C. Jiquilpan - Guadalajara                | 88.00    | 1  | 0  | 13749 | 4.6                                  | 79.1 | 1.7 | 6.6  | 2.3 | 3.7  | 1.1  | 0.7    | 0.2   | 83.7 | 1.7 | 14.6 | 0.104 | 0.500 | 20.087041   | -102.703386 |

4 CARR: Ent. Playa Azul - Manzanillo

CLAVE: 00495

RUTA: MEX-200

AÑO: 2022

| 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. Carapan - Playa Azul        | 0.00     | 3  | 0  | 4820  | 6.1                                  | 85.4 | 1.2 | 6.3  | 0.3 | 0.3  | 0.2  | 0.1    | 0.1   | 91.5 | 1.2 | 7.3  | 0.078 | 0.510 | 18.019675   | -102.340519 |
| Caleta de Campos                  | 50.24    | 1  | 0  | 3079  | 11.7                                 | 77.5 | 0.9 | 7.7  | 0.9 | 0.8  | 0.3  | 0.2    | 0.0   | 89.2 | 0.9 | 9.9  | 0.094 | 0.511 | 18.077025   | -102.745470 |
| Caleta de Campos                  | 50.24    | 3  | 0  | 1742  | 20.7                                 | 72.1 | 0.6 | 5.2  | 0.6 | 0.7  | 0.1  | 0.0    | 0.0   | 92.8 | 0.6 | 6.6  | 0.095 | 0.502 | 18.080277   | -102.767323 |
| Tizupan                           | 106.60   | 1  | 0  | 563   | 19.4                                 | 69.8 | 2.9 | 4.9  | 0.7 | 1.2  | 0.9  | 0.1    | 0.1   | 89.2 | 2.9 | 7.9  | 0.131 | 0.560 | 18.221767   | -103.124925 |
| Maruata                           | 149.75   | 1  | 0  | 552   | 18.2                                 | 67.0 | 1.4 | 7.8  | 1.6 | 2.3  | 1.4  | 0.2    | 0.1   | 85.2 | 1.4 | 13.4 | 0.098 | 0.516 | 18.273378   | -103.342276 |
| Maruata                           | 149.75   | 3  | 0  | 1297  | 18.9                                 | 66.5 | 1.2 | 7.7  | 1.6 | 2.7  | 1.2  | 0.1    | 0.1   | 85.4 | 1.2 | 13.4 | 0.099 | 0.501 | 18.280862   | -103.356344 |
| T. Der. Aquila                    | 190.10   | 1  | 0  | 1298  | 11.0                                 | 76.9 | 1.7 | 7.3  | 1.3 | 1.2  | 0.5  | 0.1    | 0.0   | 87.9 | 1.7 | 10.4 | 0.099 | 0.504 | 18.565334   | -103.621038 |
| T. Der. Aquila                    | 190.10   | 3  | 0  | 2429  | 9.1                                  | 79.5 | 1.6 | 7.2  | 1.0 | 0.9  | 0.7  | 0.0    | 0.0   | 88.6 | 1.6 | 9.8  | 0.099 | 0.509 | 18.566655   | -103.629055 |
| Lim. Edos. Term. Mich. Ppia. Col. | 229.60   | 0  | 0  |       |                                      |      |     |      |     |      |      |        |       |      |     |      |       |       |             |             |
| Cerro de Ortega                   | 233.20   | 1  | 0  | 5998  | 15.7                                 | 69.3 | 0.9 | 12.3 | 0.7 | 0.7  | 0.3  | 0.0    | 0.1   | 85.0 | 0.9 | 14.1 | 0.080 | 0.500 | 18.737933   | -103.723839 |
| El Balcón                         | 242.95   | 1  | 0  | 5632  | 14.4                                 | 60.8 | 1.8 | 14.5 | 2.6 | 3.2  | 2.4  | 0.1    | 0.2   | 75.2 | 1.8 | 23.0 | 0.073 | 0.504 | 18.783586   | -103.772505 |
| El Balcón                         | 242.95   | 3  | 0  | 5369  | 14.7                                 | 61.5 | 1.6 | 13.3 | 2.7 | 3.4  | 2.5  | 0.2    | 0.1   | 76.2 | 1.6 | 22.2 | 0.082 | 0.510 | 18.787868   | -103.784501 |
| Cofradía de Morelos               | 252.45   | 1  | 0  | 8373  | 12.2                                 | 73.2 | 0.9 | 6.1  | 1.7 | 3.3  | 2.2  | 0.1    | 0.3   | 85.4 | 0.9 | 13.7 | 0.087 | 0.511 | 18.859115   | -103.834356 |
| Cofradía de Morelos               | 252.45   | 3  | 1  | 5535  | 13.7                                 | 73.3 | 1.2 | 5.6  | 1.6 | 2.2  | 2.0  | 0.2    | 0.2   | 87.0 | 1.2 | 11.8 | 0.109 | 0.501 | 18.876729   | -103.845693 |
| Cofradía de Morelos               | 252.45   | 3  | 2  | 5550  | 13.9                                 | 72.1 | 1.4 | 5.9  | 1.6 | 2.4  | 2.1  | 0.3    | 0.3   | 86.0 | 1.4 | 12.6 | 0.107 | 0.501 | 18.876710   | -103.845775 |
| Tecomán                           | 258.15   | 0  | 0  |       |                                      |      |     |      |     |      |      |        |       |      |     |      |       |       |             |             |
| T. C. Colima - Ent. Tecomán       | 263.75   | 1  | 1  | 6230  | 19.4                                 | 70.1 | 0.8 | 5.2  | 1.2 | 1.0  | 1.6  | 0.4    | 0.3   | 89.5 | 0.8 | 9.7  | 0.100 | 0.506 | 18.894392   | -103.857167 |
| T. C. Colima - Ent. Tecomán       | 263.75   | 1  | 2  | 6381  | 19.7                                 | 68.5 | 0.9 | 5.2  | 1.4 | 1.2  | 1.8  | 0.9    | 0.4   | 88.2 | 0.9 | 10.9 | 0.090 | 0.506 | 18.894227   | -103.857162 |
| T. C. Colima - Ent. Tecomán       | 263.75   | 3  | 1  | 12727 | 3.5                                  | 79.4 | 2.2 | 3.5  | 1.9 | 4.2  | 1.6  | 2.9    | 0.8   | 82.9 | 2.2 | 14.9 | 0.077 | 0.518 | 18.944662   | -103.910378 |

MICHOACAN

4 CARR: Ent. Playa Azul - Manzanillo

CLAVE: 00495

RUTA: MEX-200

AÑO: 2022

| 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. Colima - Ent. Tecomán               | 263.75   | 3  | 2  | 11847 | 3.6                                  | 79.3 | 2.2 | 3.5  | 1.9 | 4.2  | 1.6  | 2.9    | 0.8   | 82.9 | 2.2         | 14.9 | 0.097 | 0.518 | 18.944577 | -103.910340 |
| T. Der. Rincón de López                   | 269.70   | 1  | 0  | 5560  | 11.0                                 | 64.4 | 1.7 | 7.6  | 3.6 | 8.4  | 2.8  | 0.4    | 0.1   | 75.4 | 1.7         | 22.9 | 0.080 | 0.516 | 18.949249 | -103.937660 |
| Armería                                   | 272.80   | 1  | 0  | 5241  | 14.0                                 | 62.1 | 2.1 | 11.5 | 3.0 | 5.3  | 1.6  | 0.2    | 0.2   | 76.1 | 2.1         | 21.8 | 0.077 | 0.503 | 18.941991 | -103.947407 |
| T. Izq. Cuyutlán                          | 278.70   | 1  | 0  | 4514  | 9.5                                  | 72.4 | 2.5 | 4.9  | 3.4 | 4.7  | 2.2  | 0.2    | 0.2   | 81.9 | 2.5         | 15.6 | 0.075 | 0.538 | 18.935505 | -104.018273 |
| Santa Rita                                | 292.50   | 1  | 0  | 3740  | 19.6                                 | 64.0 | 3.6 | 6.2  | 2.3 | 2.9  | 1.3  | 0.0    | 0.1   | 83.6 | 3.6         | 12.8 | 0.073 | 0.515 | 18.990556 | -104.067130 |
| Santa Rita                                | 292.50   | 3  | 0  | 4447  | 16.9                                 | 66.2 | 5.2 | 8.5  | 1.3 | 1.3  | 0.4  | 0.1    | 0.1   | 83.1 | 5.2         | 11.7 | 0.056 | 0.509 | 19.013362 | -104.099280 |
| Las Nuevas Juntas                         | 309.60   | 1  | 0  | 5010  | 9.8                                  | 68.2 | 2.7 | 8.8  | 3.6 | 4.3  | 2.2  | 0.2    | 0.2   | 78.0 | 2.7         | 19.3 | 0.075 | 0.517 | 19.040647 | -104.215522 |
| T. Der. Libramiento de Manzanillo (Libre) | 312.65   | 1  | 0  | 9407  | 11.8                                 | 62.8 | 2.8 | 5.8  | 2.4 | 8.5  | 4.2  | 1.2    | 0.5   | 74.6 | 2.8         | 22.6 | 0.068 | 0.503 | 19.055518 | -104.235680 |
| T. Der. Libramiento de Manzanillo (Libre) | 312.65   | 3  | 0  | 4998  | 26.4                                 | 63.1 | 1.3 | 4.2  | 2.4 | 0.9  | 0.3  | 1.2    | 0.2   | 89.5 | 1.3         | 9.2  | 0.080 | 0.507 | 19.055650 | -104.243047 |
| Manzanillo                                | 321.12   | 1  | 0  | 10151 | 12.7                                 | 78.2 | 0.7 | 5.4  | 0.7 | 0.9  | 0.7  | 0.4    | 0.3   | 90.9 | 0.7         | 8.4  | 0.079 | 0.515 | 19.049402 | -104.292026 |

5 CARR: Huajúmbaro - San José

CLAVE: 16555

RUTA: MEX-051-120

AÑO: 2022

| 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. Toluca - Morelia             | 0.00     | 3  | 0  | 4858  | 3.1                                  | 87.7 | 2.1 | 3.1 | 1.5 | 1.2  | 0.8  | 0.5    | 0.0   | 90.8 | 2.1         | 7.1  | 0.082 | 0.502 | 19.672112 | -100.739709 |
| X. C. Atlacomulco - Morelia        | 26.59    | 3  | 0  | 5471  | 3.8                                  | 88.4 | 0.7 | 5.3 | 0.7 | 0.5  | 0.3  | 0.3    | 0.0   | 92.2 | 0.7         | 7.1  | 0.106 | 0.500 | 19.828849 | -100.823747 |
| T. Der. Libramiento de Zinapécuaro | 33.83    | 3  | 0  | 5682  | 4.7                                  | 85.5 | 2.0 | 5.1 | 1.0 | 0.8  | 0.6  | 0.3    | 0.0   | 90.2 | 2.0         | 7.8  | 0.096 | 0.505 | 19.859209 | -100.852437 |
| T. Izq. Morelia                    | 52.50    | 1  | 0  | 5454  | 3.5                                  | 87.8 | 1.2 | 4.7 | 1.5 | 0.6  | 0.5  | 0.2    | 0.0   | 91.3 | 1.2         | 7.5  | 0.102 | 0.502 | 19.853607 | -101.004511 |
| T. Izq. Morelia                    | 52.50    | 3  | 0  | 5818  | 4.0                                  | 87.3 | 1.8 | 4.9 | 1.2 | 0.3  | 0.3  | 0.2    | 0.0   | 91.3 | 1.8         | 6.9  | 0.099 | 0.504 | 19.844270 | -101.017415 |
| T. C. Morelia - Salamanca          | 71.14    | 1  | 0  | 27480 | 3.2                                  | 76.9 | 0.7 | 4.1 | 1.3 | 11.2 | 1.4  | 0.6    | 0.6   | 80.1 | 0.7         | 19.2 | 0.069 | 0.512 | 19.773108 | -101.141865 |

6 CARR: Irapuato - Zapotlanejo

CLAVE: 00114

RUTA: MEX-090

AÑO: 2022

| 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     | 0  | 0  |       |                                      |      |     |      |     |      |      |        |       |      |             |      |       |       |           |             |
| T. Izq. Querétaro - Irapuato (Cuota)              | 2.78     | 1  | 1  | 21850 | 5.1                                  | 83.4 | 1.2 | 6.5  | 1.8 | 1.5  | 0.3  | 0.1    | 0.1   | 88.5 | 1.2         | 10.3 | 0.067 | 0.511 | 20.653494 | -101.370671 |
| T. Izq. Querétaro - Irapuato (Cuota)              | 2.78     | 1  | 2  | 22793 | 5.1                                  | 82.8 | 1.8 | 6.7  | 2.0 | 1.0  | 0.4  | 0.1    | 0.1   | 87.9 | 1.8         | 10.3 | 0.070 | 0.511 | 20.653294 | -101.370650 |
| T. Izq. Querétaro - Irapuato (Cuota)              | 2.78     | 3  | 1  | 34356 | 4.4                                  | 76.4 | 2.5 | 9.8  | 3.0 | 2.8  | 0.9  | 0.1    | 0.1   | 80.8 | 2.5         | 16.7 | 0.095 | 0.520 | 20.643377 | -101.378958 |
| T. Izq. Querétaro - Irapuato (Cuota)              | 2.78     | 3  | 2  | 31476 | 2.1                                  | 81.0 | 2.1 | 8.0  | 2.9 | 2.8  | 0.7  | 0.3    | 0.1   | 83.1 | 2.1         | 14.8 | 0.089 | 0.520 | 20.643785 | -101.378476 |
| T. C. Libramiento Norponiente de Irapuato (Cuota) | 11.00    | 3  | 1  | 18083 | 3.1                                  | 71.7 | 3.5 | 12.6 | 3.2 | 3.3  | 1.8  | 0.6    | 0.2   | 74.8 | 3.5         | 21.7 | 0.077 | 0.500 | 20.588990 | -101.427040 |
| T. C. Libramiento Norponiente de Irapuato (Cuota) | 11.00    | 3  | 2  | 18089 | 3.9                                  | 71.4 | 3.3 | 12.1 | 2.9 | 3.6  | 1.9  | 0.7    | 0.2   | 75.3 | 3.3         | 21.4 | 0.069 | 0.500 | 20.588931 | -101.426955 |
| T. Der. Cuerámaro                                 | 15.00    | 3  | 1  | 15122 | 1.0                                  | 80.8 | 2.6 | 5.2  | 3.0 | 3.5  | 2.4  | 1.2    | 0.3   | 81.8 | 2.6         | 15.6 | 0.072 | 0.500 | 20.558031 | -101.450162 |
| T. Der. Cuerámaro                                 | 15.00    | 3  | 2  | 15150 | 0.9                                  | 80.3 | 2.1 | 5.8  | 2.3 | 5.4  | 1.8  | 1.0    | 0.4   | 81.2 | 2.1         | 16.7 | 0.074 | 0.500 | 20.558102 | -101.450011 |

MICHOACAN

6 CARR: Irapuato - Zapotlanejo

CLAVE: 00114

RUTA: MEX-090

AÑO: 2022

| 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    | 1  | 1  | 12966 | 1.3                                  | 67.0 | 5.9 | 11.8 | 4.9 | 2.8  | 3.2  | 2.4    | 0.7   | 68.3 | 5.9         | 25.8 | 0.063 | 0.501 | 20.476300 | -101.499617 |
| Abasolo                                   | 30.00    | 1  | 2  | 12933 | 1.5                                  | 66.8 | 6.1 | 10.0 | 5.0 | 4.4  | 3.3  | 2.3    | 0.6   | 68.3 | 6.1         | 25.6 | 0.072 | 0.501 | 20.476202 | -101.499580 |
| Abasolo                                   | 30.00    | 3  | 1  | 11054 | 2.1                                  | 66.3 | 5.1 | 10.5 | 5.4 | 3.7  | 3.4  | 2.8    | 0.7   | 68.4 | 5.1         | 26.5 | 0.067 | 0.520 | 20.451182 | -101.561145 |
| Abasolo                                   | 30.00    | 3  | 2  | 10202 | 1.9                                  | 65.7 | 5.0 | 11.4 | 5.0 | 4.3  | 3.3  | 2.7    | 0.7   | 67.6 | 5.0         | 27.4 | 0.076 | 0.520 | 20.450980 | -101.561150 |
| Pénjamo                                   | 50.65    | 1  | 1  | 11218 | 2.9                                  | 64.9 | 5.1 | 11.1 | 3.5 | 3.7  | 6.1  | 2.1    | 0.6   | 67.8 | 5.1         | 27.1 | 0.069 | 0.531 | 20.436821 | -101.692977 |
| Pénjamo                                   | 50.65    | 1  | 2  | 9890  | 3.4                                  | 62.9 | 5.5 | 12.1 | 3.9 | 4.9  | 4.6  | 2.1    | 0.6   | 66.3 | 5.5         | 28.2 | 0.072 | 0.531 | 20.436707 | -101.693098 |
| Pénjamo                                   | 50.65    | 3  | 1  | 12697 | 3.9                                  | 79.0 | 3.6 | 5.0  | 2.4 | 4.4  | 1.0  | 0.6    | 0.1   | 82.9 | 3.6         | 13.5 | 0.076 | 0.524 | 20.413193 | -101.732833 |
| Pénjamo                                   | 50.65    | 3  | 2  | 13966 | 3.3                                  | 79.0 | 3.0 | 5.6  | 3.1 | 4.0  | 1.1  | 0.7    | 0.2   | 82.3 | 3.0         | 14.7 | 0.075 | 0.524 | 20.413198 | -101.732609 |
| T. Libramiento Norte de la Piedad (Cuota) | 77.05    | 0  | 0  |       |                                      |      |     |      |     |      |      |        |       |      |             |      |       |       |           |             |
| T. Der. Manuel Doblado                    | 83.87    | 1  | 0  | 12804 | 2.1                                  | 76.0 | 1.7 | 12.5 | 4.4 | 1.8  | 0.7  | 0.5    | 0.3   | 78.1 | 1.7         | 20.2 | 0.073 | 0.508 | 20.361841 | -101.993839 |
| Lim. Edos. Term. Gto. Ppia. Mich.         | 85.01    | 0  | 0  |       |                                      |      |     |      |     |      |      |        |       |      |             |      |       |       |           |             |
| La Piedad                                 | 87.00    | 3  | 1  | 8037  | 3.3                                  | 81.6 | 2.6 | 5.0  | 2.5 | 4.1  | 0.5  | 0.3    | 0.1   | 84.9 | 2.6         | 12.5 | 0.094 | 0.519 | 20.359149 | -102.068583 |
| La Piedad                                 | 87.00    | 3  | 2  | 7436  | 3.4                                  | 81.6 | 2.7 | 4.9  | 2.4 | 4.0  | 0.5  | 0.4    | 0.1   | 85.0 | 2.7         | 12.3 | 0.091 | 0.519 | 20.359015 | -102.068614 |
| T. Izq. Yurécuaro                         | 100.00   | 3  | 0  | 5723  | 3.4                                  | 84.7 | 2.7 | 4.1  | 1.8 | 2.1  | 0.6  | 0.4    | 0.2   | 88.1 | 2.7         | 9.2  | 0.084 | 0.504 | 20.380049 | -102.122853 |
| Lim. Edos. Term. Mich. Ppia. Jal.         | 102.10   | 0  | 0  |       |                                      |      |     |      |     |      |      |        |       |      |             |      |       |       |           |             |
| Degollado                                 | 105.40   | 1  | 0  | 8289  | 6.9                                  | 78.0 | 1.6 | 4.8  | 2.0 | 4.4  | 1.3  | 0.6    | 0.4   | 84.9 | 1.6         | 13.5 | 0.085 | 0.508 | 20.436583 | -102.127969 |
| Ayotlán                                   | 134.00   | 1  | 0  | 8469  | 15.0                                 | 76.3 | 2.1 | 3.6  | 1.0 | 1.2  | 0.5  | 0.2    | 0.1   | 91.3 | 2.1         | 6.6  | 0.088 | 0.535 | 20.518488 | -102.326291 |
| Atotonilco El Alto                        | 157.00   | 1  | 0  | 5400  | 3.4                                  | 88.8 | 1.4 | 2.7  | 1.4 | 1.5  | 0.5  | 0.2    | 0.1   | 92.2 | 1.4         | 6.4  | 0.087 | 0.506 | 20.561773 | -102.451902 |
| Atotonilco El Alto (Central)              | 157.00   | 3  | 1  | 8078  | 3.6                                  | 90.1 | 0.9 | 2.5  | 1.1 | 0.6  | 0.2  | 0.8    | 0.2   | 93.7 | 0.9         | 5.4  | 0.095 | 0.514 | 20.543536 | -102.527307 |
| Atotonilco El Alto (Lateral)              | 157.00   | 3  | 1  | 1565  | 3.6                                  | 88.6 | 1.0 | 2.5  | 1.4 | 1.3  | 0.5  | 0.9    | 0.2   | 92.2 | 1.0         | 6.8  | 0.079 | 0.514 | 20.543381 | -102.527213 |
| Atotonilco El Alto (Central)              | 157.00   | 3  | 2  | 7624  | 4.0                                  | 90.5 | 0.5 | 2.5  | 0.9 | 0.5  | 0.1  | 0.8    | 0.2   | 94.5 | 0.5         | 5.0  | 0.083 | 0.514 | 20.543473 | -102.527279 |
| Atotonilco El Alto (Lateral)              | 157.00   | 3  | 2  | 1658  | 3.4                                  | 88.5 | 0.9 | 2.9  | 1.6 | 1.2  | 0.6  | 0.8    | 0.1   | 91.9 | 0.9         | 7.2  | 0.091 | 0.514 | 20.543609 | -102.527363 |
| X. C. San Miguel El Alto - La Barca       | 158.60   | 3  | 0  | 13557 | 8.2                                  | 79.1 | 1.7 | 4.8  | 2.6 | 2.2  | 0.7  | 0.6    | 0.1   | 87.3 | 1.7         | 11.0 | 0.081 | 0.502 | 20.539657 | -102.542764 |
| T. Izq. Ocotlán                           | 188.00   | 1  | 0  | 10858 | 5.6                                  | 82.7 | 1.6 | 3.9  | 2.4 | 2.4  | 1.0  | 0.3    | 0.1   | 88.3 | 1.6         | 10.1 | 0.078 | 0.501 | 20.549271 | -102.775057 |
| T. Der. Libramiento Zapotlanejo           | 215.80   | 1  | 0  | 16581 | 8.9                                  | 73.9 | 1.0 | 5.1  | 1.8 | 4.4  | 3.6  | 0.7    | 0.6   | 82.8 | 1.0         | 16.2 | 0.095 | 0.511 | 20.622027 | -103.048052 |
| T. Der. Libramiento Zapotlanejo           | 215.80   | 3  | 1  | 7565  | 24.9                                 | 70.3 | 0.4 | 1.3  | 1.7 | 0.7  | 0.2  | 0.4    | 0.1   | 95.2 | 0.4         | 4.4  | 0.078 | 0.514 | 20.622370 | -103.056728 |
| T. Der. Libramiento Zapotlanejo           | 215.80   | 3  | 2  | 7156  | 24.8                                 | 70.0 | 0.3 | 1.4  | 2.0 | 0.8  | 0.2  | 0.4    | 0.1   | 94.8 | 0.3         | 4.9  | 0.087 | 0.514 | 20.622307 | -103.056728 |
| Zapotlanejo                               | 217.60   | 0  | 0  |       |                                      |      |     |      |     |      |      |        |       |      |             |      |       |       |           |             |

7 CARR: Jiquilpan - Colima

CLAVE: 00156

RUTA: MEX-110

AÑO: 2022

| 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    |
| Jiquilpan          | 0.00     | 3  | 0  | 6886 | 4.8                                  | 80.7 | 1.1 | 5.7 | 2.2 | 3.5  | 0.7  | 0.9    | 0.4   | 85.5 | 1.1         | 13.4 | 0.079 | 0.509 | 19.995495 | -102.745024 |
| San José de Gracia | 37.93    | 1  | 0  | 4549 | 6.6                                  | 87.7 | 0.4 | 2.2 | 1.5 | 1.4  | 0.1  | 0.1    | 0.0   | 94.3 | 0.4         | 5.3  | 0.078 | 0.500 | 20.001111 | -103.013423 |



MICHOACAN

7 CARR: Jiquilpan - Colima

CLAVE: 00156

RUTA: MEX-110

AÑO: 2022

| 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. Mich. Ppia. Jal.        | 41.00    | 0  | 0  |       |                                      |      |     |      |     |      |      |        |       |      |             |      |       |       |           |             |
| Mazamitla                                | 48.65    | 1  | 0  | 4850  | 4.4                                  | 89.3 | 1.0 | 1.9  | 1.2 | 1.4  | 0.3  | 0.3    | 0.2   | 93.7 | 1.0         | 5.3  | 0.082 | 0.507 | 19.940467 | -103.008652 |
| Mazamitla                                | 48.65    | 3  | 0  | 4994  | 5.8                                  | 80.7 | 1.7 | 3.2  | 2.8 | 3.6  | 1.0  | 0.8    | 0.4   | 86.5 | 1.7         | 11.8 | 0.097 | 0.519 | 19.923800 | -103.054122 |
| Villa de Contla                          | 84.25    | 3  | 0  | 5233  | 7.8                                  | 79.4 | 1.4 | 2.9  | 3.0 | 4.0  | 0.8  | 0.6    | 0.1   | 87.2 | 1.4         | 11.4 | 0.075 | 0.504 | 19.747879 | -103.184987 |
| T. Izq. Tamazula de Gordiano (2º Acceso) | 96.70    | 3  | 0  | 8624  | 8.2                                  | 78.8 | 1.5 | 2.5  | 3.9 | 2.3  | 2.0  | 0.6    | 0.2   | 87.0 | 1.5         | 11.5 | 0.092 | 0.517 | 19.682818 | -103.262448 |
| T. Der. Cd. Guzmán                       | 108.50   | 1  | 0  | 6857  | 5.8                                  | 77.0 | 2.5 | 4.3  | 3.8 | 3.1  | 1.9  | 1.3    | 0.3   | 82.8 | 2.5         | 14.7 | 0.083 | 0.515 | 19.647449 | -103.335804 |
| T. Der. Cd. Guzmán                       | 108.50   | 3  | 0  | 4128  | 8.1                                  | 66.6 | 3.1 | 11.3 | 3.7 | 3.7  | 1.8  | 1.4    | 0.3   | 74.7 | 3.1         | 22.2 | 0.078 | 0.537 | 19.645034 | -103.335457 |
| T. Der. Cerca Lisa                       | 110.00   | 1  | 0  | 1636  | 5.3                                  | 81.5 | 2.4 | 3.2  | 6.8 | 0.4  | 0.4  | 0.0    | 0.0   | 86.8 | 2.4         | 10.8 | 0.091 | 0.502 | 19.627951 | -103.329636 |
| Tecalitlán                               | 132.00   | 3  | 0  | 3491  | 5.2                                  | 87.3 | 1.5 | 4.2  | 1.3 | 0.2  | 0.1  | 0.0    | 0.2   | 92.5 | 1.5         | 6.0  | 0.098 | 0.506 | 19.462345 | -103.318767 |
| T. Der. Atenquique                       | 137.67   | 3  | 0  | 1725  | 5.2                                  | 81.7 | 1.1 | 6.1  | 2.7 | 1.0  | 1.5  | 0.1    | 0.6   | 86.9 | 1.1         | 12.0 | 0.084 | 0.509 | 19.455925 | -103.349663 |
| Pihuamo                                  | 168.19   | 3  | 0  | 2963  | 9.5                                  | 81.3 | 1.1 | 5.4  | 1.9 | 0.5  | 0.2  | 0.0    | 0.1   | 90.8 | 1.1         | 8.1  | 0.100 | 0.526 | 19.249062 | -103.395100 |
| Lim. Edos. Term. Jal. Ppia. Col.         | 189.60   | 0  | 0  |       |                                      |      |     |      |     |      |      |        |       |      |             |      |       |       |           |             |
| T. Der. Estación Alzada                  | 198.60   | 3  | 0  | 1516  | 4.8                                  | 79.5 | 1.6 | 7.5  | 2.7 | 2.2  | 1.5  | 0.1    | 0.1   | 84.3 | 1.6         | 14.1 | 0.081 | 0.514 | 19.163278 | -103.534761 |
| T. Izq. Los Tepames                      | 214.20   | 1  | 0  | 2427  | 5.8                                  | 78.5 | 1.0 | 8.8  | 0.9 | 2.6  | 1.9  | 0.3    | 0.2   | 84.3 | 1.0         | 14.7 | 0.091 | 0.512 | 19.173907 | -103.659843 |
| T. Izq. Los Tepames                      | 214.20   | 3  | 0  | 3157  | 6.5                                  | 80.3 | 1.1 | 9.1  | 0.4 | 0.9  | 1.2  | 0.3    | 0.2   | 86.8 | 1.1         | 12.1 | 0.070 | 0.513 | 19.175036 | -103.663626 |
| X. C. Libramiento de Colima              | 220.00   | 1  | 0  | 8249  | 8.7                                  | 83.8 | 0.5 | 2.6  | 1.0 | 1.0  | 1.8  | 0.5    | 0.1   | 92.5 | 0.5         | 7.0  | 0.075 | 0.502 | 19.210623 | -103.721295 |
| Colima                                   | 222.00   | 1  | 1  | 9611  | 4.1                                  | 83.0 | 0.9 | 3.7  | 0.7 | 3.9  | 1.9  | 1.4    | 0.4   | 87.1 | 0.9         | 12.0 | 0.076 | 0.525 | 19.217519 | -103.721924 |
| Colima                                   | 222.00   | 1  | 2  | 10603 | 4.3                                  | 82.0 | 1.0 | 4.5  | 0.6 | 3.4  | 2.2  | 1.6    | 0.4   | 86.3 | 1.0         | 12.7 | 0.070 | 0.525 | 19.217496 | -103.722056 |

8 CARR: Jiquilpan - Guadalajara

CLAVE: 00429

RUTA: MEX-015

AÑO: 2022

| 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    |
| Jiquilpan                                    | 0.00     | 3  | 1  | 10376 | 12.0                                 | 79.3 | 0.6 | 6.8 | 0.5 | 0.5  | 0.1  | 0.1    | 0.1   | 91.3 | 0.6         | 8.1  | 0.099 | 0.514 | 20.003268 | -102.717244 |
| Jiquilpan                                    | 0.00     | 3  | 2  | 10956 | 11.9                                 | 79.4 | 0.5 | 6.7 | 0.6 | 0.5  | 0.2  | 0.1    | 0.1   | 91.3 | 0.5         | 8.2  | 0.098 | 0.514 | 20.003314 | -102.717339 |
| Sahuayo                                      | 7.00     | 1  | 1  | 9356  | 10.2                                 | 82.5 | 0.6 | 3.7 | 1.3 | 1.0  | 0.5  | 0.1    | 0.1   | 92.7 | 0.6         | 6.7  | 0.097 | 0.519 | 20.032008 | -102.716772 |
| Sahuayo                                      | 7.00     | 1  | 2  | 10102 | 10.4                                 | 82.2 | 0.6 | 3.8 | 1.2 | 1.2  | 0.5  | 0.1    | 0.0   | 92.6 | 0.6         | 6.8  | 0.102 | 0.519 | 20.032063 | -102.716847 |
| Cojumatlán de Regules                        | 25.94    | 3  | 0  | 4279  | 5.1                                  | 77.6 | 2.0 | 4.3 | 2.6 | 4.8  | 1.9  | 1.4    | 0.3   | 82.7 | 2.0         | 15.3 | 0.102 | 0.505 | 20.125566 | -102.851462 |
| Lim. Edos. Term. Mich. Ppia. Jal.            | 36.11    | 0  | 0  |       |                                      |      |     |     |     |      |      |        |       |      |             |      |       |       |           |             |
| Tuxcueca                                     | 65.29    | 1  | 0  | 4777  | 2.3                                  | 83.7 | 1.8 | 3.7 | 1.9 | 4.3  | 1.3  | 0.9    | 0.1   | 86.0 | 1.8         | 12.2 | 0.099 | 0.504 | 20.151535 | -103.183809 |
| T. Der. Jocotepec                            | 98.22    | 1  | 0  | 10176 | 2.6                                  | 92.0 | 0.7 | 2.7 | 1.1 | 0.5  | 0.4  | 0.0    | 0.0   | 94.6 | 0.7         | 4.7  | 0.092 | 0.504 | 20.273328 | -103.444902 |
| Ent. Santa Cruz                              | 118.96   | 1  | 0  | 11411 | 2.4                                  | 90.6 | 0.9 | 3.1 | 1.3 | 0.9  | 0.6  | 0.1    | 0.1   | 93.0 | 0.9         | 6.1  | 0.094 | 0.529 | 20.419499 | -103.550221 |
| Ent. Santa Cruz                              | 118.96   | 3  | 1  | 23385 | 1.1                                  | 82.5 | 2.5 | 3.5 | 2.1 | 4.0  | 1.3  | 2.5    | 0.5   | 83.6 | 2.5         | 13.9 | 0.101 | 0.513 | 20.429296 | -103.553934 |
| Ent. Santa Cruz                              | 118.96   | 3  | 2  | 24672 | 1.3                                  | 81.1 | 2.6 | 3.8 | 2.3 | 4.4  | 1.5  | 2.5    | 0.5   | 82.4 | 2.6         | 15.0 | 0.072 | 0.513 | 20.429297 | -103.554087 |
| X. C. Libramiento Sur de Guadalajara (Cuota) | 121.56   | 3  | 1  | 22688 | 2.4                                  | 80.9 | 1.7 | 4.6 | 2.9 | 4.6  | 1.5  | 1.1    | 0.3   | 83.3 | 1.7         | 15.0 | 0.139 | 0.513 | 20.443356 | -103.523426 |

MICHOACAN

8 CARR : Jiquilpan - Guadalajara

CLAVE: 00429

RUTA: MEX-015

AÑO: 2022

| 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. Libramiento Sur de Guadalajara (Cuota) | 121.56   | 3  | 2  | 21564 | 2.4                                  | 80.9 | 1.7 | 4.6 | 2.9 | 4.5  | 1.5  | 1.2    | 0.3   | 83.3 | 1.7 | 15.0 | 0.081       | 0.513 | 20.443151 | -103.523642 |
| X. Periférico de Guadalajara (Alta)          | 140.00   | 1  | 1  | 54332 | 1.5                                  | 90.0 | 0.6 | 3.4 | 0.8 | 1.5  | 1.3  | 0.4    | 0.5   | 91.5 | 0.6 | 7.9  | 0.065       | 0.500 | 20.578389 | -103.450827 |
| X. Periférico de Guadalajara (Baja)          | 140.00   | 1  | 1  | 26137 | 2.5                                  | 88.0 | 1.3 | 5.5 | 0.5 | 0.9  | 0.8  | 0.3    | 0.2   | 90.5 | 1.3 | 8.2  | 0.077       | 0.504 | 20.578365 | -103.450742 |
| X. Periférico de Guadalajara (Alta)          | 140.00   | 1  | 2  | 54337 | 1.6                                  | 89.2 | 0.6 | 3.7 | 0.8 | 1.7  | 1.5  | 0.4    | 0.5   | 90.8 | 0.6 | 8.6  | 0.069       | 0.500 | 20.578419 | -103.450932 |
| X. Periférico de Guadalajara (Baja)          | 140.00   | 1  | 2  | 25728 | 2.5                                  | 88.1 | 1.3 | 5.4 | 0.5 | 0.9  | 0.8  | 0.3    | 0.2   | 90.6 | 1.3 | 8.1  | 0.074       | 0.504 | 20.578477 | -103.451021 |
| T. C. Guadalajara - Tepic                    | 166.00   | 0  | 0  |       |                                      |      |     |     |     |      |      |        |       |      |     |      |             |       |           |             |

9 CARR : La Noria - Acámbaro

CLAVE: 00131

RUTA: MEX-120

AÑO: 2022

| 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  | 9876 | 1.9                                  | 86.4 | 1.5 | 5.6 | 2.0 | 1.2  | 0.7  | 0.4    | 0.3   | 88.3 | 1.5 | 10.2 | 0.094       | 0.501 | 20.438022 | -100.074431 |
| Amealco                           | 34.66    | 1  | 0  | 5360 | 2.4                                  | 87.4 | 2.1 | 6.1 | 1.0 | 0.4  | 0.4  | 0.1    | 0.1   | 89.8 | 2.1 | 8.1  | 0.089       | 0.520 | 20.199756 | -100.150098 |
| Amealco                           | 34.66    | 3  | 0  | 5406 | 2.4                                  | 88.3 | 0.7 | 6.2 | 0.9 | 0.7  | 0.6  | 0.1    | 0.1   | 90.7 | 0.7 | 8.6  | 0.086       | 0.513 | 20.186532 | -100.158665 |
| Lim. Edos. Term. Qro. Ppia. Mich. | 39.15    | 0  | 0  |      |                                      |      |     |     |     |      |      |        |       |      |     |      |             |       |           |             |
| Lim. Edos. Term. Mich. Ppia. Gto. | 55.90    | 0  | 0  |      |                                      |      |     |     |     |      |      |        |       |      |     |      |             |       |           |             |
| Coroneo                           | 59.35    | 3  | 0  | 2222 | 1.6                                  | 86.8 | 3.6 | 4.4 | 1.3 | 2.1  | 0.2  | 0.0    | 0.0   | 88.4 | 3.6 | 8.0  | 0.081       | 0.502 | 20.194952 | -100.376061 |
| Jerécuaro                         | 79.70    | 3  | 0  | 3080 | 3.9                                  | 84.8 | 2.8 | 6.9 | 0.9 | 0.5  | 0.2  | 0.0    | 0.0   | 88.7 | 2.8 | 8.5  | 0.093       | 0.510 | 20.144156 | -100.539012 |
| Acámbaro                          | 111.12   | 1  | 0  | 8090 | 4.2                                  | 86.3 | 1.0 | 7.1 | 0.7 | 0.4  | 0.3  | 0.0    | 0.0   | 90.5 | 1.0 | 8.5  | 0.083       | 0.504 | 20.051619 | -100.697791 |

10 CARR : La Orilla - Las Truchas

CLAVE: 16557

RUTA: MEX-200

AÑO: 2022

| 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. Zihuatanejo - La Mira | 0.00     | 3  | 1  | 7849 | 6.7                                  | 84.6 | 0.8 | 4.0 | 1.2 | 1.0  | 0.8  | 0.5    | 0.4   | 91.3 | 0.8 | 7.9 | 0.075       | 0.512 | 17.992543 | -102.232214 |
| T. C. Zihuatanejo - La Mira | 0.00     | 3  | 2  | 8236 | 6.5                                  | 85.4 | 0.8 | 3.9 | 1.1 | 0.9  | 0.7  | 0.4    | 0.3   | 91.9 | 0.8 | 7.3 | 0.079       | 0.512 | 17.992683 | -102.232150 |
| Lázaro Cárdenas             | 5.50     | 1  | 1  | 3185 | 5.5                                  | 86.5 | 0.8 | 2.9 | 1.9 | 1.0  | 0.7  | 0.5    | 0.2   | 92.0 | 0.8 | 7.2 | 0.082       | 0.514 | 17.962626 | -102.223379 |
| Lázaro Cárdenas             | 5.50     | 1  | 2  | 3367 | 5.9                                  | 85.6 | 0.7 | 3.0 | 2.2 | 1.0  | 0.9  | 0.5    | 0.2   | 91.5 | 0.7 | 7.8 | 0.074       | 0.514 | 17.962665 | -102.223367 |
| Las Truchas                 | 9.00     | 1  | 0  | 4014 | 11.3                                 | 80.5 | 1.6 | 5.2 | 0.3 | 0.5  | 0.4  | 0.1    | 0.1   | 91.8 | 1.6 | 6.6 | 0.089       | 0.501 | 17.950189 | -102.189982 |

11 CARR : La Piedad - Carapan

CLAVE: 16476

RUTA: MEX-037

AÑO: 2022

| 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 Piedad | 0.00     | 3  | 1  | 5644 | 6.6                                  | 84.1 | 0.5 | 6.9 | 0.7 | 0.5  | 0.3  | 0.3    | 0.1   | 90.7 | 0.5 | 8.8 | 0.086       | 0.509 | 20.305506 | -101.994974 |

MICHOACAN

11 CARR: La Piedad - Carapan

CLAVE: 16476

RUTA: MEX-037

AÑO: 2022

| 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 Piedad                             | 0.00     | 3  | 2  | 5434 | 6.4                                  | 84.1 | 0.6 | 7.0  | 0.6 | 0.6  | 0.3  | 0.3    | 0.1   | 90.5 | 0.6 | 8.9  | 0.092 | 0.509       | 20.305579 | -101.994937 |
| T. Izq. Puruándiro                    | 24.45    | 1  | 0  | 3755 | 4.3                                  | 80.0 | 2.1 | 7.2  | 2.4 | 1.5  | 1.3  | 0.7    | 0.5   | 84.3 | 2.1 | 13.6 | 0.109 | 0.501       | 20.184373 | -101.990720 |
| T. Izq. Puruándiro                    | 24.45    | 3  | 0  | 2670 | 4.2                                  | 78.2 | 2.0 | 8.2  | 2.7 | 2.7  | 1.5  | 0.2    | 0.3   | 82.4 | 2.0 | 15.6 | 0.093 | 0.513       | 20.170825 | -102.028515 |
| X. C. Maravatio - Zapotlanejo (Cuota) | 30.70    | 3  | 0  | 2870 | 3.1                                  | 75.8 | 2.1 | 10.8 | 3.0 | 3.5  | 1.3  | 0.3    | 0.1   | 78.9 | 2.1 | 19.0 | 0.098 | 0.516       | 20.124450 | -102.067738 |
| Purépero                              | 64.00    | 1  | 0  | 4308 | 9.0                                  | 79.9 | 1.9 | 3.6  | 2.5 | 1.7  | 0.7  | 0.5    | 0.2   | 88.9 | 1.9 | 9.2  | 0.096 | 0.505       | 19.914425 | -102.022390 |
| T. C. Morelia - Jiquilpan             | 72.61    | 1  | 0  | 4838 | 4.2                                  | 83.7 | 2.4 | 4.1  | 2.5 | 1.3  | 1.0  | 0.6    | 0.2   | 87.9 | 2.4 | 9.7  | 0.076 | 0.517       | 19.849163 | -102.000754 |

12 CARR: Libramiento de Ciudad Hidalgo

CLAVE:

RUTA: MEX-015

AÑO: 2022

| 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. Toluca - Morelia (Este)        | 0.00     | 3  | 0  | 11245 | 2.6                                  | 83.9 | 0.9 | 8.6  | 1.7 | 0.9  | 0.8  | 0.4    | 0.2   | 86.5 | 0.9 | 12.6 | 0.082 | 0.505       | 19.678193 | -100.521458 |
| T. C. (Toluca - Morelia) - Maravatio | 1.00     | 3  | 0  | 6163  | 3.8                                  | 79.7 | 0.9 | 11.1 | 2.0 | 1.2  | 0.7  | 0.4    | 0.2   | 83.5 | 0.9 | 15.6 | 0.088 | 0.510       | 19.692063 | -100.525481 |
| T. C. Toluca - Morelia (Oeste)       | 11.00    | 1  | 0  | 4800  | 2.7                                  | 84.4 | 1.6 | 6.6  | 1.6 | 1.4  | 0.8  | 0.7    | 0.2   | 87.1 | 1.6 | 11.3 | 0.078 | 0.529       | 19.698495 | -100.582909 |

13 CARR: Libramiento de Yurécuaro

CLAVE:

RUTA: MEX-110

AÑO: 2022

| 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. Patti - Sahuayo (Este)  | 15.70    | 3  | 0  | 9574  | 6.8                                  | 51.0 | 8.5 | 5.2 | 3.7 | 15.8 | 3.3  | 4.8    | 0.9   | 57.8 | 8.5 | 33.7 | 0.080 | 0.523       | 20.328173 | -102.261962 |
| T. C. Ent. Patti - Sahuayo (Oeste) | 21.70    | 1  | 0  | 10364 | 6.1                                  | 46.8 | 7.9 | 5.3 | 5.7 | 18.4 | 3.7  | 5.2    | 0.9   | 52.9 | 7.9 | 39.2 | 0.083 | 0.509       | 20.320482 | -102.292198 |

14 CARR: Libramiento Oriente de Zamora

CLAVE:

RUTA: MEX-015

AÑO: 2022

| 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 - Jiquilpan             | 0.00     | 3  | 0  | 13174 | 4.9                                  | 73.5 | 3.1 | 9.8  | 2.7 | 4.3  | 0.7  | 0.7    | 0.3   | 78.4 | 3.1 | 18.5 | 0.089 | 0.510       | 19.966379 | -102.259859 |
| T. Izq. Zamora                        | 7.25     | 3  | 0  | 9170  | 4.6                                  | 66.7 | 4.3 | 13.1 | 3.4 | 6.2  | 0.8  | 0.7    | 0.2   | 71.3 | 4.3 | 24.4 | 0.095 | 0.506       | 20.016970 | -102.245231 |
| T. Der. Atecuuario de La Constitución | 9.91     | 3  | 0  | 10416 | 5.3                                  | 69.5 | 3.9 | 9.7  | 3.6 | 5.8  | 1.1  | 0.7    | 0.4   | 74.8 | 3.9 | 21.3 | 0.096 | 0.504       | 20.022686 | -102.257005 |
| T. C. Zamora - Vista Hermosa          | 14.70    | 1  | 0  | 11072 | 6.2                                  | 67.3 | 4.2 | 11.9 | 3.1 | 5.8  | 0.8  | 0.5    | 0.2   | 73.5 | 4.2 | 22.3 | 0.095 | 0.516       | 20.033670 | -102.274529 |

MICHOACAN

15 CARR: Maravatio - Acámbaro

CLAVE: 00418

RUTA: MEX-061

AÑO: 2022

| 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  | 7635 | 3.1                                  | 85.4 | 1.9 | 3.9  | 2.0 | 1.5  | 1.4  | 0.3    | 0.5   | 88.5 | 1.9 | 9.6  | 0.080 | 0.510 | 19.925391   | -100.472258 |
| Lim. Edos. Term. Mich. Ppia. Gto. | 9.00     | 0  | 0  |      |                                      |      |     |      |     |      |      |        |       |      |     |      |       |       |             |             |
| Tarandacua                        | 13.00    | 3  | 0  | 4522 | 3.1                                  | 85.8 | 1.5 | 6.6  | 1.5 | 0.8  | 0.3  | 0.4    | 0.0   | 88.9 | 1.5 | 9.6  | 0.085 | 0.536 | 20.015635   | -100.543461 |
| Acámbaro                          | 39.00    | 1  | 0  | 5815 | 2.4                                  | 83.5 | 1.3 | 10.0 | 1.2 | 1.0  | 0.4  | 0.2    | 0.0   | 85.9 | 1.3 | 12.8 | 0.084 | 0.511 | 20.030637   | -100.687606 |

16 CARR: Morelia - Jiquilpan

CLAVE: 16029

RUTA: MEX-015

AÑO: 2022

| 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     | 0  | 0  |       |                                      |      |     |      |     |      |      |        |       |      |     |      |       |       |             |             |
| T. Izq. Periférico de Morelia (Central) | 3.10     | 3  | 1  | 20292 | 3.3                                  | 87.3 | 1.6 | 6.2  | 1.0 | 0.3  | 0.2  | 0.0    | 0.1   | 90.6 | 1.6 | 7.8  | 0.073 | 0.509 | 19.696725   | -101.260924 |
| T. Izq. Periférico de Morelia (Lateral) | 3.10     | 3  | 1  | 9158  | 2.6                                  | 86.1 | 0.6 | 8.0  | 1.5 | 0.3  | 0.6  | 0.0    | 0.3   | 88.7 | 0.6 | 10.7 | 0.073 | 0.505 | 19.696824   | -101.260847 |
| T. Izq. Periférico de Morelia (Central) | 3.10     | 3  | 2  | 19628 | 3.4                                  | 87.2 | 1.6 | 6.2  | 1.0 | 0.3  | 0.2  | 0.0    | 0.1   | 90.6 | 1.6 | 7.8  | 0.070 | 0.509 | 19.696658   | -101.260949 |
| T. Izq. Periférico de Morelia (Lateral) | 3.10     | 3  | 2  | 8991  | 2.6                                  | 86.0 | 0.6 | 8.0  | 1.6 | 0.4  | 0.6  | 0.0    | 0.2   | 88.6 | 0.6 | 10.8 | 0.109 | 0.505 | 19.696568   | -101.260917 |
| T. Der. Cuto de La Esperanza            | 13.80    | 1  | 1  | 8892  | 1.5                                  | 84.2 | 1.4 | 8.7  | 2.5 | 0.6  | 0.5  | 0.4    | 0.2   | 85.7 | 1.4 | 12.9 | 0.086 | 0.512 | 19.684755   | -101.336766 |
| T. Der. Cuto de La Esperanza            | 13.80    | 1  | 2  | 8486  | 1.5                                  | 84.3 | 1.4 | 8.7  | 2.5 | 0.6  | 0.5  | 0.4    | 0.1   | 85.8 | 1.4 | 12.8 | 0.084 | 0.512 | 19.684678   | -101.336874 |
| T. Der. Cuto de La Esperanza            | 13.80    | 3  | 0  | 11260 | 1.5                                  | 85.5 | 1.9 | 7.5  | 1.8 | 0.7  | 0.5  | 0.3    | 0.3   | 87.0 | 1.9 | 11.1 | 0.086 | 0.538 | 19.679796   | -101.349984 |
| T. Izq. Lagunillas                      | 24.90    | 1  | 0  | 8385  | 2.2                                  | 85.8 | 1.0 | 7.0  | 1.7 | 0.7  | 0.8  | 0.5    | 0.3   | 88.0 | 1.0 | 11.0 | 0.117 | 0.516 | 19.636357   | -101.413331 |
| T. Izq. Lagunillas                      | 24.90    | 3  | 0  | 6315  | 1.4                                  | 86.8 | 1.4 | 6.9  | 1.5 | 0.8  | 0.7  | 0.4    | 0.1   | 88.2 | 1.4 | 10.4 | 0.091 | 0.501 | 19.631668   | -101.422472 |
| T. Izq. Libramiento de Quiroga          | 40.95    | 1  | 0  | 4210  | 4.4                                  | 89.1 | 1.6 | 2.5  | 1.3 | 0.7  | 0.1  | 0.2    | 0.1   | 93.5 | 1.6 | 4.9  | 0.080 | 0.517 | 19.668623   | -101.533432 |
| T. Izq. Libramiento de Quiroga          | 40.95    | 3  | 0  | 7963  | 3.5                                  | 89.0 | 1.2 | 3.0  | 1.6 | 0.8  | 0.6  | 0.2    | 0.1   | 92.5 | 1.2 | 6.3  | 0.086 | 0.507 | 19.669070   | -101.546178 |
| Comanja                                 | 64.44    | 1  | 0  | 4471  | 3.2                                  | 84.8 | 1.3 | 8.3  | 1.1 | 0.5  | 0.4  | 0.3    | 0.1   | 88.0 | 1.3 | 10.7 | 0.107 | 0.519 | 19.747603   | -101.684446 |
| Comanja                                 | 64.44    | 3  | 0  | 5930  | 3.5                                  | 83.3 | 1.1 | 9.2  | 1.1 | 1.0  | 0.5  | 0.2    | 0.1   | 86.8 | 1.1 | 12.1 | 0.098 | 0.506 | 19.753505   | -101.699385 |
| T. Der. Zacapu y Villachuato            | 77.10    | 1  | 0  | 13110 | 5.6                                  | 86.2 | 1.2 | 4.1  | 1.6 | 0.5  | 0.3  | 0.4    | 0.1   | 91.8 | 1.2 | 7.0  | 0.089 | 0.510 | 19.798385   | -101.776157 |
| T. Der. Zacapu y Villachuato            | 77.10    | 3  | 0  | 6592  | 3.7                                  | 74.6 | 2.6 | 14.1 | 1.2 | 2.7  | 0.5  | 0.5    | 0.1   | 78.3 | 2.6 | 19.1 | 0.083 | 0.510 | 19.820833   | -101.808831 |
| T. Der. La Piedad                       | 105.02   | 1  | 0  | 4738  | 1.4                                  | 76.4 | 1.8 | 13.0 | 3.8 | 2.5  | 0.6  | 0.2    | 0.3   | 77.8 | 1.8 | 20.4 | 0.082 | 0.502 | 19.846313   | -101.998382 |
| T. Der. La Piedad                       | 105.02   | 3  | 0  | 6319  | 3.2                                  | 78.8 | 2.1 | 12.2 | 1.4 | 1.3  | 0.7  | 0.2    | 0.1   | 82.0 | 2.1 | 15.9 | 0.086 | 0.514 | 19.847466   | -102.007634 |
| Santo Tomás                             | 115.00   | 1  | 0  | 10761 | 1.7                                  | 84.7 | 1.2 | 7.6  | 1.5 | 1.7  | 0.8  | 0.3    | 0.5   | 86.4 | 1.2 | 12.4 | 0.080 | 0.501 | 19.843216   | -102.082665 |
| Santo Tomás                             | 115.00   | 3  | 0  | 11190 | 2.0                                  | 84.3 | 1.5 | 7.3  | 1.4 | 1.3  | 1.1  | 0.3    | 0.8   | 86.3 | 1.5 | 12.2 | 0.086 | 0.501 | 19.845903   | -102.101427 |
| T. Der. Etucuario                       | 123.50   | 1  | 0  | 10311 | 2.3                                  | 81.1 | 1.6 | 8.7  | 2.0 | 1.6  | 1.4  | 0.5    | 0.8   | 83.4 | 1.6 | 15.0 | 0.082 | 0.502 | 19.859867   | -102.154444 |
| T. Der. Etucuario                       | 123.50   | 3  | 0  | 11174 | 2.0                                  | 82.1 | 1.5 | 8.7  | 2.0 | 1.6  | 1.0  | 0.3    | 0.8   | 84.1 | 1.5 | 14.4 | 0.079 | 0.502 | 19.861558   | -102.176689 |
| T. Izq. Tangancicuaro                   | 131.20   | 1  | 0  | 12122 | 1.8                                  | 84.7 | 1.6 | 7.2  | 1.8 | 1.2  | 0.8  | 0.2    | 0.7   | 86.5 | 1.6 | 11.9 | 0.082 | 0.504 | 19.878692   | -102.198730 |
| T. Izq. Tangancicuaro                   | 131.20   | 3  | 0  | 18372 | 1.8                                  | 84.7 | 1.1 | 7.8  | 2.0 | 0.9  | 1.1  | 0.3    | 0.3   | 86.5 | 1.1 | 12.4 | 0.078 | 0.505 | 19.906806   | -102.204176 |
| T. Izq. Libramiento Sur de Zamora       | 139.50   | 1  | 1  | 10518 | 2.6                                  | 81.0 | 1.1 | 11.0 | 2.1 | 1.1  | 0.7  | 0.1    | 0.3   | 83.6 | 1.1 | 15.3 | 0.082 | 0.503 | 19.947113   | -102.247622 |
| T. Izq. Libramiento Sur de Zamora       | 139.50   | 1  | 2  | 10398 | 2.3                                  | 80.4 | 1.3 | 11.2 | 2.2 | 1.3  | 0.9  | 0.1    | 0.3   | 82.7 | 1.3 | 16.0 | 0.081 | 0.503 | 19.947094   | -102.247652 |

MICHOACAN

16 CARR: Morelia - Jiquilpan

CLAVE: 16029

RUTA: MEX-015

AÑO: 2022

| 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    |
| Zamora (Central)                 | 144.44   | 1  | 1  | 9855  | 3.3                                  | 88.4 | 1.0 | 5.4  | 0.5 | 0.5  | 0.4  | 0.2    | 0.3   | 91.7 | 1.0         | 7.3  | 0.090 | 0.506 | 19.971746 | -102.267282 |
| Zamora (Lateral)                 | 144.44   | 1  | 1  | 5414  | 6.3                                  | 86.6 | 0.4 | 3.7  | 0.4 | 2.0  | 0.3  | 0.2    | 0.1   | 92.9 | 0.4         | 6.7  | 0.093 | 0.509 | 19.971794 | -102.267225 |
| Zamora (Central)                 | 144.44   | 1  | 2  | 10078 | 3.3                                  | 88.0 | 1.0 | 5.4  | 0.5 | 0.6  | 0.5  | 0.3    | 0.4   | 91.3 | 1.0         | 7.7  | 0.083 | 0.506 | 19.971711 | -102.267351 |
| Zamora (Lateral)                 | 144.44   | 1  | 2  | 5624  | 6.3                                  | 86.8 | 0.4 | 3.6  | 0.4 | 2.0  | 0.3  | 0.2    | 0.0   | 93.1 | 0.4         | 6.5  | 0.088 | 0.509 | 19.971639 | -102.267432 |
| Jacona                           | 148.60   | 3  | 0  | 9798  | 1.4                                  | 78.3 | 0.7 | 9.8  | 0.7 | 6.9  | 1.4  | 0.4    | 0.4   | 79.7 | 0.7         | 19.6 | 0.087 | 0.514 | 19.959947 | -102.339307 |
| Tangamandapio                    | 163.00   | 1  | 0  | 5862  | 3.9                                  | 77.7 | 1.6 | 11.0 | 1.7 | 2.6  | 0.7  | 0.4    | 0.4   | 81.6 | 1.6         | 16.8 | 0.076 | 0.506 | 19.955074 | -102.404794 |
| Tangamandapio                    | 163.00   | 3  | 0  | 5919  | 6.8                                  | 74.9 | 1.8 | 9.7  | 1.6 | 3.1  | 1.2  | 0.3    | 0.6   | 81.7 | 1.8         | 16.5 | 0.074 | 0.508 | 19.972838 | -102.446892 |
| T. Der. Villa Mar                | 186.20   | 1  | 0  | 4290  | 6.3                                  | 74.6 | 1.8 | 11.4 | 2.1 | 2.5  | 0.7  | 0.2    | 0.4   | 80.9 | 1.8         | 17.3 | 0.084 | 0.508 | 20.024560 | -102.587590 |
| Emiliano Zapata                  | 190.34   | 1  | 0  | 5713  | 4.7                                  | 80.0 | 1.2 | 7.9  | 2.4 | 1.9  | 1.0  | 0.4    | 0.5   | 84.7 | 1.2         | 14.1 | 0.084 | 0.504 | 19.997834 | -102.615772 |
| Emiliano Zapata                  | 190.34   | 3  | 0  | 5760  | 3.7                                  | 79.3 | 1.2 | 8.3  | 2.8 | 2.7  | 0.9  | 0.5    | 0.6   | 83.0 | 1.2         | 15.8 | 0.090 | 0.507 | 19.984980 | -102.615981 |
| T. Der. Libramiento de Jiquilpan | 200.00   | 1  | 0  | 10382 | 9.8                                  | 79.3 | 1.1 | 2.7  | 2.8 | 2.6  | 1.1  | 0.4    | 0.2   | 89.1 | 1.1         | 9.8  | 0.084 | 0.509 | 19.985337 | -102.695060 |
| Jiquilpan                        | 203.40   | 0  | 0  |       |                                      |      |     |      |     |      |      |        |       |      |             |      |       |       |           |             |

17 CARR: Morelia - Pátzcuaro

CLAVE: 16009

RUTA: MEX-014

AÑO: 2022

| 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 - Jiquilpan                     | 0.00     | 0  | 0  |       |                                      |      |     |     |     |      |      |        |       |      |             |      |       |       |           |             |
| X. Periférico de Morelia                      | 3.00     | 3  | 1  | 19107 | 3.6                                  | 82.3 | 4.6 | 5.2 | 2.2 | 0.4  | 0.5  | 0.8    | 0.4   | 85.9 | 4.6         | 9.5  | 0.069 | 0.501 | 19.663847 | -101.228960 |
| X. Periférico de Morelia                      | 3.00     | 3  | 2  | 19167 | 3.6                                  | 82.2 | 4.6 | 5.2 | 2.2 | 0.4  | 0.5  | 0.8    | 0.5   | 85.8 | 4.6         | 9.6  | 0.065 | 0.501 | 19.663757 | -101.228921 |
| Tiripetio                                     | 25.00    | 1  | 1  | 12422 | 1.6                                  | 86.9 | 2.0 | 4.2 | 1.7 | 1.8  | 0.9  | 0.6    | 0.3   | 88.5 | 2.0         | 9.5  | 0.095 | 0.501 | 19.560205 | -101.330457 |
| Tiripetio                                     | 25.00    | 1  | 2  | 12469 | 1.6                                  | 86.9 | 2.0 | 4.2 | 1.7 | 1.8  | 0.9  | 0.6    | 0.3   | 88.5 | 2.0         | 9.5  | 0.096 | 0.501 | 19.560012 | -101.330417 |
| Tiripetio                                     | 25.00    | 3  | 1  | 8613  | 1.6                                  | 88.0 | 1.6 | 3.4 | 1.7 | 1.8  | 0.7  | 0.8    | 0.4   | 89.6 | 1.6         | 8.8  | 0.102 | 0.507 | 19.552218 | -101.379108 |
| Tiripetio                                     | 25.00    | 3  | 2  | 8847  | 1.6                                  | 87.9 | 1.6 | 3.4 | 1.7 | 1.8  | 0.7  | 0.9    | 0.4   | 89.5 | 1.6         | 8.9  | 0.081 | 0.507 | 19.551858 | -101.378539 |
| Huiramba                                      | 37.00    | 1  | 1  | 10406 | 1.5                                  | 88.2 | 2.1 | 4.0 | 1.8 | 1.2  | 0.3  | 0.5    | 0.4   | 89.7 | 2.1         | 8.2  | 0.091 | 0.505 | 19.555020 | -101.426150 |
| Huiramba                                      | 37.00    | 1  | 2  | 10631 | 1.5                                  | 88.1 | 2.1 | 4.0 | 1.8 | 1.2  | 0.4  | 0.5    | 0.4   | 89.6 | 2.1         | 8.3  | 0.074 | 0.505 | 19.554939 | -101.425998 |
| T. C. Libramiento Poniente de Morelia (Cuota) | 47.20    | 0  | 0  |       |                                      |      |     |     |     |      |      |        |       |      |             |      |       |       |           |             |
| T. Izq. Uruapan (Cuota)                       | 47.75    | 1  | 1  | 10440 | 1.4                                  | 81.2 | 1.9 | 8.2 | 2.1 | 2.4  | 1.1  | 1.4    | 0.3   | 82.6 | 1.9         | 15.5 | 0.101 | 0.511 | 19.534851 | -101.546412 |
| T. Izq. Uruapan (Cuota)                       | 47.75    | 1  | 2  | 10912 | 1.3                                  | 81.3 | 1.9 | 8.2 | 2.1 | 2.4  | 1.1  | 1.4    | 0.3   | 82.6 | 1.9         | 15.5 | 0.081 | 0.511 | 19.534754 | -101.546086 |
| T. Izq. Uruapan (Cuota)                       | 47.75    | 3  | 1  | 7249  | 1.3                                  | 91.3 | 1.1 | 2.7 | 1.6 | 1.1  | 0.6  | 0.2    | 0.1   | 92.6 | 1.1         | 6.3  | 0.082 | 0.524 | 19.533934 | -101.568194 |
| T. Izq. Uruapan (Cuota)                       | 47.75    | 3  | 2  | 6594  | 1.3                                  | 91.3 | 1.0 | 2.7 | 1.6 | 1.1  | 0.6  | 0.3    | 0.1   | 92.6 | 1.0         | 6.4  | 0.082 | 0.524 | 19.533786 | -101.568235 |
| Tzurumútaró                                   | 50.70    | 1  | 1  | 7168  | 2.0                                  | 90.4 | 1.1 | 2.7 | 1.6 | 0.9  | 0.7  | 0.5    | 0.1   | 92.4 | 1.1         | 6.5  | 0.098 | 0.515 | 19.541923 | -101.581823 |
| Tzurumútaró                                   | 50.70    | 1  | 2  | 7622  | 2.1                                  | 90.5 | 1.0 | 2.7 | 1.6 | 0.9  | 0.7  | 0.4    | 0.1   | 92.6 | 1.0         | 6.4  | 0.103 | 0.515 | 19.541723 | -101.581787 |

MICHOACAN

18 CARR: Morelia - Salamanca

CLAVE: 00124

RUTA: MEX-043

AÑO: 2022

| 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     | 0  | 0  |       |                                      |      |     |      |     |      |      |        |       |      |             |      |       |       |           |             |
| X. Periférico de Morelia          | 2.70     | 3  | 1  | 44786 | 1.4                                  | 86.5 | 1.3 | 5.7  | 1.1 | 2.3  | 1.0  | 0.4    | 0.3   | 87.9 | 1.3         | 10.8 | 0.060 | 0.522 | 19.728525 | -101.183078 |
| X. Periférico de Morelia          | 2.70     | 3  | 2  | 40669 | 1.4                                  | 86.5 | 1.3 | 5.7  | 1.1 | 2.3  | 1.0  | 0.4    | 0.3   | 87.9 | 1.3         | 10.8 | 0.062 | 0.522 | 19.728523 | -101.183075 |
| T. Der. Zinapécuaro               | 8.85     | 1  | 1  | 41440 | 1.3                                  | 86.9 | 1.3 | 5.8  | 1.6 | 1.6  | 0.9  | 0.4    | 0.2   | 88.2 | 1.3         | 10.5 | 0.078 | 0.502 | 19.762230 | -101.164624 |
| T. Der. Zinapécuaro               | 8.85     | 1  | 2  | 41037 | 1.3                                  | 86.9 | 1.3 | 5.8  | 1.6 | 1.7  | 0.8  | 0.4    | 0.2   | 88.2 | 1.3         | 10.5 | 0.077 | 0.502 | 19.762230 | -101.164630 |
| T. Der. Zinapécuaro               | 8.85     | 3  | 1  | 17525 | 1.4                                  | 82.0 | 2.7 | 8.0  | 1.9 | 2.4  | 0.6  | 0.8    | 0.2   | 83.4 | 2.7         | 13.9 | 0.085 | 0.503 | 19.785397 | -101.158534 |
| T. Der. Zinapécuaro               | 8.85     | 3  | 2  | 17734 | 1.5                                  | 81.9 | 2.7 | 8.0  | 1.9 | 2.4  | 0.6  | 0.8    | 0.2   | 83.4 | 2.7         | 13.9 | 0.089 | 0.503 | 19.785394 | -101.158531 |
| T. C. Morelia - Salamanca (Cuota) | 26.35    | 0  | 0  |       |                                      |      |     |      |     |      |      |        |       |      |             |      |       |       |           |             |
| Cuitzeo                           | 33.64    | 1  | 0  | 9954  | 1.7                                  | 85.9 | 1.6 | 5.2  | 1.3 | 2.5  | 0.9  | 0.5    | 0.4   | 87.6 | 1.6         | 10.8 | 0.096 | 0.528 | 19.952398 | -101.136472 |
| Cuitzeo                           | 33.64    | 3  | 0  | 9398  | 1.5                                  | 83.6 | 1.8 | 6.3  | 2.0 | 2.5  | 1.2  | 0.6    | 0.5   | 85.1 | 1.8         | 13.1 | 0.100 | 0.525 | 19.974428 | -101.139878 |
| Lim. Edos. Term. Mich. Ppia. Gto. | 46.10    | 0  | 0  |       |                                      |      |     |      |     |      |      |        |       |      |             |      |       |       |           |             |
| T. Izq. Moreleón                  | 52.36    | 1  | 1  | 8041  | 1.7                                  | 78.0 | 3.4 | 13.1 | 1.3 | 1.1  | 0.7  | 0.6    | 0.1   | 79.7 | 3.4         | 16.9 | 0.084 | 0.503 | 20.093996 | -101.158732 |
| T. Izq. Moreleón                  | 52.36    | 1  | 2  | 7948  | 1.6                                  | 78.4 | 3.3 | 13.0 | 1.1 | 1.4  | 0.6  | 0.5    | 0.1   | 80.0 | 3.3         | 16.7 | 0.095 | 0.503 | 20.094027 | -101.158751 |
| Uriangato                         | 54.22    | 3  | 1  | 7603  | 4.6                                  | 84.4 | 2.0 | 3.8  | 1.5 | 2.2  | 0.8  | 0.6    | 0.1   | 89.0 | 2.0         | 9.0  | 0.095 | 0.505 | 20.165318 | -101.158674 |
| Uriangato                         | 54.22    | 3  | 2  | 7749  | 5.9                                  | 81.7 | 2.7 | 4.0  | 1.3 | 2.8  | 0.9  | 0.6    | 0.1   | 87.6 | 2.7         | 9.7  | 0.085 | 0.505 | 20.165315 | -101.158696 |
| T. Der. Yuriria                   | 61.36    | 3  | 0  | 9265  | 3.1                                  | 76.8 | 1.8 | 12.9 | 2.1 | 1.6  | 1.1  | 0.5    | 0.1   | 79.9 | 1.8         | 18.3 | 0.085 | 0.524 | 20.205455 | -101.164802 |
| Magdalena de Araceo               | 77.10    | 1  | 0  | 5400  | 2.5                                  | 75.4 | 2.5 | 12.7 | 2.0 | 2.1  | 1.4  | 1.2    | 0.2   | 77.9 | 2.5         | 19.6 | 0.083 | 0.505 | 20.299956 | -101.181681 |
| Magdalena de Araceo               | 77.10    | 3  | 0  | 5919  | 3.2                                  | 81.5 | 2.1 | 6.8  | 2.4 | 2.2  | 1.0  | 0.7    | 0.1   | 84.7 | 2.1         | 13.2 | 0.090 | 0.510 | 20.314342 | -101.182986 |
| T. Der. Jaral del Progreso        | 87.00    | 1  | 0  | 7212  | 2.7                                  | 79.3 | 3.4 | 7.8  | 2.0 | 3.3  | 0.8  | 0.6    | 0.1   | 82.0 | 3.4         | 14.6 | 0.087 | 0.503 | 20.361506 | -101.189428 |
| T. Der. Jaral del Progreso        | 87.00    | 3  | 0  | 17923 | 1.1                                  | 83.0 | 3.9 | 5.9  | 1.3 | 2.7  | 1.0  | 0.8    | 0.3   | 84.1 | 3.9         | 12.0 | 0.082 | 0.512 | 20.414485 | -101.193206 |
| X. C. Libramiento de Salamanca    | 105.10   | 1  | 1  | 14585 | 5.0                                  | 77.0 | 3.0 | 8.1  | 1.8 | 2.7  | 1.3  | 0.9    | 0.2   | 82.0 | 3.0         | 15.0 | 0.080 | 0.540 | 20.530255 | -101.206460 |
| X. C. Libramiento de Salamanca    | 105.10   | 1  | 2  | 12439 | 4.8                                  | 77.2 | 2.1 | 9.2  | 1.7 | 2.5  | 1.3  | 0.9    | 0.3   | 82.0 | 2.1         | 15.9 | 0.079 | 0.540 | 20.530047 | -101.206591 |
| Salamanca                         | 107.95   | 1  | 1  | 17332 | 5.5                                  | 86.5 | 1.3 | 5.5  | 0.9 | 0.1  | 0.1  | 0.1    | 0.0   | 92.0 | 1.3         | 6.7  | 0.079 | 0.502 | 20.544911 | -101.204402 |
| Salamanca                         | 107.95   | 1  | 2  | 17186 | 5.4                                  | 87.6 | 1.3 | 4.5  | 0.8 | 0.2  | 0.1  | 0.1    | 0.0   | 93.0 | 1.3         | 5.7  | 0.077 | 0.502 | 20.544920 | -101.204608 |

19 CARR: Pátzcuaro - Uruapan

CLAVE: 16484

RUTA: MEX-014

AÑO: 2022

| 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    |
| Pátzcuaro                      | 0.00     | 3  | 0  | 8570  | 11.4                                 | 78.6 | 1.3 | 3.9  | 1.9 | 1.5  | 0.9  | 0.4    | 0.1   | 90.0 | 1.3         | 8.7  | 0.090 | 0.508 | 19.532342 | -101.622656 |
| T. Izq. Zirahuén               | 17.05    | 1  | 0  | 6326  | 2.0                                  | 79.4 | 1.4 | 10.0 | 2.5 | 2.8  | 1.6  | 0.1    | 0.2   | 81.4 | 1.4         | 17.2 | 0.079 | 0.508 | 19.482380 | -101.735769 |
| T. Der. Cherán                 | 21.40    | 1  | 0  | 6421  | 1.7                                  | 77.2 | 2.0 | 13.6 | 1.8 | 2.3  | 0.9  | 0.4    | 0.1   | 78.9 | 2.0         | 19.1 | 0.091 | 0.542 | 19.499468 | -101.763907 |
| Tingambato                     | 35.77    | 1  | 0  | 5642  | 3.7                                  | 77.6 | 2.5 | 10.9 | 2.1 | 1.9  | 0.8  | 0.4    | 0.1   | 81.3 | 2.5         | 16.2 | 0.081 | 0.524 | 19.503985 | -101.847571 |
| Tingambato                     | 35.77    | 3  | 0  | 6179  | 2.2                                  | 78.5 | 2.1 | 11.3 | 2.1 | 2.3  | 1.0  | 0.4    | 0.1   | 80.7 | 2.1         | 17.2 | 0.080 | 0.502 | 19.502664 | -101.866009 |
| T. Izq. Libramiento de Uruapan | 60.05    | 1  | 1  | 10522 | 2.7                                  | 82.7 | 0.9 | 8.5  | 2.2 | 1.6  | 1.0  | 0.1    | 0.3   | 85.4 | 0.9         | 13.7 | 0.082 | 0.502 | 19.433796 | -102.021740 |

MICHOACAN

19 CARR: Pátzcuaro - Uruapan

CLAVE: 16484

RUTA: MEX-014

AÑO: 2022

| 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 Uruapan | 60.05    | 1  | 2  | 10454 | 2.9                                  | 82.1 | 0.9 | 8.6 | 2.3 | 1.7  | 1.1  | 0.1    | 0.3   | 85.0 | 0.9         | 14.1 | 0.072 | 0.502 | 19.433752 | -102.021713 |
| Uruapan                        | 62.60    | 1  | 1  | 15657 | 3.1                                  | 82.8 | 1.0 | 9.3 | 1.7 | 1.1  | 0.6  | 0.1    | 0.3   | 85.9 | 1.0         | 13.1 | 0.075 | 0.503 | 19.431407 | -102.026359 |
| Uruapan                        | 62.60    | 1  | 2  | 15816 | 2.8                                  | 83.5 | 0.9 | 9.1 | 1.6 | 1.1  | 0.6  | 0.1    | 0.3   | 86.3 | 0.9         | 12.8 | 0.071 | 0.503 | 19.431221 | -102.026316 |

20 CARR: Quiroga - Tepalcatepec

CLAVE: 16125

RUTA: MEX-120

AÑO: 2022

| 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    |
| Quiroga                           | 0.00     | 3  | 0  | 6380  | 8.6                                  | 86.0 | 0.8 | 1.9  | 1.4 | 0.5  | 0.3  | 0.2    | 0.3   | 94.6 | 0.8         | 4.6  | 0.112 | 0.508 | 19.653618 | -101.529564 |
| Tzintzuntán                       | 7.50     | 1  | 1  | 3368  | 2.1                                  | 91.4 | 0.7 | 3.0  | 1.1 | 0.7  | 0.6  | 0.2    | 0.2   | 93.5 | 0.7         | 5.8  | 0.094 | 0.536 | 19.631320 | -101.566898 |
| Tzintzuntán                       | 7.50     | 1  | 2  | 3887  | 2.1                                  | 92.1 | 0.4 | 3.1  | 1.0 | 0.5  | 0.5  | 0.2    | 0.1   | 94.2 | 0.4         | 5.4  | 0.081 | 0.536 | 19.631228 | -101.566873 |
| Tzintzuntán                       | 7.50     | 3  | 0  | 5168  | 4.2                                  | 89.4 | 1.0 | 2.3  | 1.2 | 1.0  | 0.1  | 0.3    | 0.5   | 93.6 | 1.0         | 5.4  | 0.082 | 0.508 | 19.612215 | -101.576690 |
| Zurumútaro                        | 19.00    | 1  | 0  | 6790  | 3.1                                  | 88.7 | 1.0 | 5.1  | 1.1 | 0.5  | 0.1  | 0.2    | 0.2   | 91.8 | 1.0         | 7.2  | 0.087 | 0.506 | 19.549066 | -101.581223 |
| Zurumútaro                        | 19.00    | 3  | 0  | 20486 | 0.9                                  | 89.8 | 1.7 | 3.8  | 1.2 | 1.0  | 0.6  | 0.6    | 0.4   | 90.7 | 1.7         | 7.6  | 0.072 | 0.516 | 19.546642 | -101.596006 |
| X. C. Pátzcuaro - Uruapan (Cuota) | 28.42    | 1  | 1  | 9092  | 3.3                                  | 90.1 | 0.5 | 5.1  | 0.5 | 0.3  | 0.2  | 0.0    | 0.0   | 93.4 | 0.5         | 6.1  | 0.079 | 0.526 | 19.497395 | -101.599841 |
| X. C. Pátzcuaro - Uruapan (Cuota) | 28.42    | 1  | 2  | 10098 | 3.5                                  | 89.8 | 0.5 | 5.3  | 0.5 | 0.2  | 0.2  | 0.0    | 0.0   | 93.3 | 0.5         | 6.2  | 0.082 | 0.526 | 19.497549 | -101.599825 |
| X. C. Pátzcuaro - Uruapan (Cuota) | 28.42    | 3  | 1  | 7532  | 3.8                                  | 88.9 | 0.7 | 4.0  | 1.0 | 1.3  | 0.2  | 0.1    | 0.0   | 92.7 | 0.7         | 6.6  | 0.084 | 0.521 | 19.494274 | -101.595211 |
| X. C. Pátzcuaro - Uruapan (Cuota) | 28.42    | 3  | 2  | 6915  | 4.5                                  | 88.2 | 0.8 | 4.1  | 0.9 | 1.2  | 0.2  | 0.1    | 0.0   | 92.7 | 0.8         | 6.5  | 0.097 | 0.521 | 19.494365 | -101.595194 |
| Opopeo                            | 40.04    | 1  | 1  | 5582  | 1.7                                  | 89.8 | 1.0 | 4.5  | 1.6 | 0.9  | 0.4  | 0.1    | 0.0   | 91.5 | 1.0         | 7.5  | 0.086 | 0.502 | 19.430096 | -101.604155 |
| Opopeo                            | 40.04    | 1  | 2  | 5625  | 1.7                                  | 89.5 | 0.9 | 4.7  | 1.6 | 1.1  | 0.4  | 0.1    | 0.0   | 91.2 | 0.9         | 7.9  | 0.104 | 0.502 | 19.430107 | -101.604051 |
| Opopeo                            | 40.04    | 3  | 0  | 9893  | 3.8                                  | 87.3 | 1.1 | 4.6  | 1.4 | 0.9  | 0.5  | 0.4    | 0.0   | 91.1 | 1.1         | 7.8  | 0.091 | 0.503 | 19.412257 | -101.615177 |
| Ario de Rosales                   | 72.50    | 1  | 0  | 9380  | 6.4                                  | 86.2 | 0.7 | 4.5  | 1.1 | 0.6  | 0.3  | 0.2    | 0.0   | 92.6 | 0.7         | 6.7  | 0.097 | 0.503 | 19.217552 | -101.678981 |
| Ario de Rosales                   | 72.50    | 3  | 0  | 5056  | 7.6                                  | 85.1 | 0.8 | 4.7  | 0.9 | 0.4  | 0.3  | 0.2    | 0.0   | 92.7 | 0.8         | 6.5  | 0.080 | 0.510 | 19.207119 | -101.735394 |
| La Huacana                        | 123.20   | 3  | 0  | 1654  | 6.3                                  | 84.3 | 0.7 | 6.4  | 0.8 | 1.1  | 0.3  | 0.0    | 0.1   | 90.6 | 0.7         | 8.7  | 0.082 | 0.502 | 18.950916 | -101.818495 |
| X. C. Carapan - Playa Azul        | 170.00   | 1  | 1  | 4722  | 2.1                                  | 81.3 | 3.0 | 6.7  | 2.7 | 2.1  | 1.1  | 0.8    | 0.2   | 83.4 | 3.0         | 13.6 | 0.075 | 0.506 | 18.991455 | -102.097972 |
| X. C. Carapan - Playa Azul        | 170.00   | 1  | 2  | 4846  | 2.2                                  | 81.9 | 3.2 | 6.6  | 2.5 | 1.9  | 0.9  | 0.6    | 0.2   | 84.1 | 3.2         | 12.7 | 0.082 | 0.506 | 18.991546 | -102.097860 |
| X. C. Carapan - Playa Azul        | 170.00   | 3  | 1  | 5401  | 4.4                                  | 77.3 | 2.4 | 11.5 | 2.2 | 1.2  | 0.6  | 0.2    | 0.2   | 81.7 | 2.4         | 15.9 | 0.078 | 0.502 | 18.991615 | -102.106536 |
| X. C. Carapan - Playa Azul        | 170.00   | 3  | 2  | 5437  | 4.4                                  | 77.5 | 2.3 | 11.5 | 2.3 | 1.2  | 0.6  | 0.1    | 0.1   | 81.9 | 2.3         | 15.8 | 0.086 | 0.502 | 18.991523 | -102.106579 |
| Apatzingán                        | 200.90   | 1  | 1  | 7946  | 2.2                                  | 86.0 | 1.1 | 6.6  | 1.2 | 1.8  | 0.9  | 0.1    | 0.1   | 88.2 | 1.1         | 10.7 | 0.077 | 0.513 | 19.056197 | -102.323374 |
| Apatzingán                        | 200.90   | 1  | 2  | 7530  | 2.3                                  | 86.8 | 1.2 | 6.3  | 1.1 | 1.5  | 0.6  | 0.1    | 0.1   | 89.1 | 1.2         | 9.7  | 0.071 | 0.513 | 19.056128 | -102.323452 |
| Apatzingán                        | 200.90   | 3  | 0  | 7289  | 1.9                                  | 87.7 | 1.0 | 5.3  | 1.0 | 1.6  | 1.0  | 0.2    | 0.3   | 89.6 | 1.0         | 9.4  | 0.074 | 0.500 | 19.117150 | -102.379309 |
| Santa Ana Amatlán                 | 223.50   | 1  | 0  | 5395  | 4.1                                  | 78.0 | 2.8 | 6.2  | 2.3 | 2.3  | 2.2  | 1.9    | 0.2   | 82.1 | 2.8         | 15.1 | 0.087 | 0.506 | 19.159735 | -102.523487 |
| Buenavista Tomatlán               | 233.90   | 3  | 0  | 6734  | 3.8                                  | 79.7 | 2.8 | 6.6  | 2.4 | 1.8  | 1.4  | 1.2    | 0.3   | 83.5 | 2.8         | 13.7 | 0.103 | 0.506 | 19.205840 | -102.603393 |
| Tepalcatepec                      | 267.90   | 0  | 0  |       |                                      |      |     |      |     |      |      |        |       |      |             |      |       |       |           |             |

MICHOACAN

21 CARR: Rinconada - La Piedad

CLAVE: 16243

RUTA: MEX-015

AÑO: 2022

| 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. Zamora - Vista Hermosa          | 0.00     | 3  | 0  | 12840 | 4.7                                  | 78.1 | 3.7 | 4.6 | 2.6 | 4.7  | 0.6  | 0.8    | 0.2   | 82.8 | 3.7 | 13.5 | 0.099 | 0.506       | 20.046608 | -102.281306 |
| T. Der. Atecucario de La Constitución | 4.30     | 1  | 0  | 9163  | 4.7                                  | 77.8 | 4.2 | 5.2 | 2.7 | 4.5  | 0.3  | 0.5    | 0.1   | 82.5 | 4.2 | 13.3 | 0.107 | 0.501       | 20.068604 | -102.271448 |
| T. Der. Atecucario de La Constitución | 4.30     | 3  | 0  | 7569  | 3.4                                  | 77.0 | 4.1 | 6.2 | 2.9 | 5.1  | 0.7  | 0.5    | 0.1   | 80.4 | 4.1 | 15.5 | 0.089 | 0.501       | 20.087802 | -102.265802 |
| La Nopalera                           | 9.50     | 1  | 0  | 7358  | 3.6                                  | 76.2 | 4.1 | 6.4 | 2.8 | 5.5  | 0.7  | 0.6    | 0.1   | 79.8 | 4.1 | 16.1 | 0.090 | 0.527       | 20.107310 | -102.262175 |
| La Nopalera                           | 9.50     | 3  | 0  | 7173  | 3.0                                  | 77.5 | 3.4 | 6.2 | 2.7 | 5.5  | 0.9  | 0.7    | 0.1   | 80.5 | 3.4 | 16.1 | 0.080 | 0.502       | 20.127054 | -102.260875 |
| T. Der. Ecuandureo (1º Acceso)        | 18.40    | 1  | 0  | 7242  | 4.8                                  | 75.6 | 3.4 | 6.5 | 2.6 | 5.5  | 0.8  | 0.7    | 0.1   | 80.4 | 3.4 | 16.2 | 0.090 | 0.502       | 20.160641 | -102.216022 |
| Ecuandureo                            | 20.50    | 1  | 0  | 7054  | 3.4                                  | 78.9 | 2.9 | 4.6 | 2.9 | 5.8  | 0.7  | 0.7    | 0.1   | 82.3 | 2.9 | 14.8 | 0.089 | 0.505       | 20.167556 | -102.193832 |
| Ecuandureo                            | 20.50    | 3  | 0  | 5836  | 3.2                                  | 74.8 | 5.0 | 6.8 | 2.7 | 5.8  | 0.8  | 0.8    | 0.1   | 78.0 | 5.0 | 17.0 | 0.085 | 0.513       | 20.181318 | -102.187294 |
| Quiringüicharo                        | 24.00    | 3  | 0  | 5030  | 3.8                                  | 75.3 | 4.0 | 6.5 | 2.7 | 5.8  | 0.6  | 1.2    | 0.1   | 79.1 | 4.0 | 16.9 | 0.084 | 0.521       | 20.212568 | -102.168399 |
| El Algodonal                          | 34.00    | 3  | 0  | 4747  | 3.6                                  | 74.1 | 4.8 | 5.8 | 2.7 | 6.1  | 0.9  | 1.5    | 0.5   | 77.7 | 4.8 | 17.5 | 0.093 | 0.506       | 20.253448 | -102.096735 |
| T. Izq. Guadalajara (libre)           | 44.80    | 1  | 0  | 5276  | 2.0                                  | 78.5 | 4.1 | 5.4 | 2.5 | 5.6  | 0.5  | 1.0    | 0.4   | 80.5 | 4.1 | 15.4 | 0.106 | 0.506       | 20.321901 | -102.032127 |
| T. C. La Piedad - Carapan             | 46.40    | 1  | 0  | 6978  | 4.8                                  | 75.7 | 4.2 | 5.9 | 2.3 | 5.6  | 0.2  | 0.9    | 0.4   | 80.5 | 4.2 | 15.3 | 0.079 | 0.525       | 20.323598 | -102.029982 |

22 CARR: T. C. (Zihuatanejo - La Mira) - Lázaro Cárdenas

CLAVE: 16421

RUTA: MEX-200

AÑO: 2022

| 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. Zihuatanejo - La Mira | 0.00     | 3  | 1  | 27519 | 7.5                                  | 84.6 | 0.8 | 2.0 | 1.5 | 1.5  | 1.0  | 0.5    | 0.6   | 92.1 | 0.8 | 7.1 | 0.077 | 0.531       | 17.991240 | -102.221586 |
| T. C. Zihuatanejo - La Mira | 0.00     | 3  | 2  | 22872 | 7.2                                  | 85.5 | 0.8 | 1.8 | 1.3 | 1.4  | 1.0  | 0.4    | 0.6   | 92.7 | 0.8 | 6.5 | 0.075 | 0.531       | 17.990783 | -102.221100 |
| Lázaro Cárdenas             | 6.00     | 1  | 1  | 25455 | 6.8                                  | 86.0 | 0.4 | 2.0 | 1.5 | 1.3  | 0.8  | 0.4    | 0.8   | 92.8 | 0.4 | 6.8 | 0.077 | 0.516       | 17.976411 | -102.209899 |
| Lázaro Cárdenas             | 6.00     | 1  | 2  | 27267 | 6.9                                  | 85.5 | 0.5 | 2.0 | 1.5 | 1.3  | 0.9  | 0.5    | 0.9   | 92.4 | 0.5 | 7.1 | 0.078 | 0.516       | 17.976467 | -102.209802 |

23 CARR: Toluca - Cd. Altamirano

CLAVE: 00020

RUTA: MEX-134

AÑO: 2022

| 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. Toluca - Axixintla | 0.00     | 0  | 0  |       |                                      |      |     |     |     |      |      |        |       |      |     |      |       |             |           |             |
| T. Izq. Capultitlán      | 1.78     | 3  | 1  | 19830 | 3.6                                  | 90.6 | 0.5 | 3.1 | 0.8 | 0.7  | 0.4  | 0.2    | 0.1   | 94.2 | 0.5 | 5.3  | 0.083 | 0.513       | 19.256641 | -99.669145  |
| T. Izq. Capultitlán      | 1.78     | 3  | 2  | 18794 | 4.1                                  | 89.8 | 0.5 | 3.3 | 0.9 | 0.7  | 0.4  | 0.2    | 0.1   | 93.9 | 0.5 | 5.6  | 0.088 | 0.513       | 19.256405 | -99.669353  |
| T. Der. Zinacatepec      | 10.21    | 3  | 1  | 13409 | 2.4                                  | 87.4 | 0.9 | 6.1 | 1.2 | 0.8  | 0.7  | 0.2    | 0.3   | 89.8 | 0.9 | 9.3  | 0.081 | 0.507       | 19.250619 | -99.758661  |
| T. Der. Zinacatepec      | 10.21    | 3  | 2  | 13044 | 2.4                                  | 86.9 | 1.2 | 6.2 | 1.2 | 0.9  | 0.7  | 0.2    | 0.3   | 89.3 | 1.2 | 9.5  | 0.080 | 0.507       | 19.250541 | -99.758557  |
| T. Izq. Sultepec         | 18.72    | 3  | 0  | 7095  | 1.2                                  | 85.1 | 2.2 | 6.5 | 1.3 | 2.1  | 0.9  | 0.4    | 0.3   | 86.3 | 2.2 | 11.5 | 0.099 | 0.502       | 19.202540 | -99.827664  |
| T. Der. Valle de Bravo   | 52.00    | 3  | 0  | 5481  | 2.4                                  | 85.4 | 2.0 | 5.4 | 1.5 | 1.6  | 1.1  | 0.4    | 0.2   | 87.8 | 2.0 | 10.2 | 0.091 | 0.514       | 19.140139 | -99.924879  |
| Temascaltepec            | 68.76    | 1  | 0  | 5125  | 1.1                                  | 85.9 | 2.3 | 5.5 | 1.9 | 1.5  | 1.3  | 0.4    | 0.1   | 87.0 | 2.3 | 10.7 | 0.091 | 0.500       | 19.048371 | -100.043497 |
| Temascaltepec            | 68.76    | 3  | 0  | 4322  | 2.3                                  | 84.6 | 2.3 | 6.4 | 1.3 | 1.6  | 1.2  | 0.2    | 0.1   | 86.9 | 2.3 | 10.8 | 0.086 | 0.516       | 19.041421 | -100.045297 |



MICHOACAN

23 CARR: Toluca - Cd. Altamirano

CLAVE: 00020

RUTA: MEX-134

AÑO: 2022

| 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 Cuentla         | 84.34    | 3  | 0  | 6780 | 2.7                                  | 85.5 | 2.0 | 5.8 | 1.8 | 1.1  | 0.8  | 0.1    | 0.2   | 88.2 | 2.0 | 9.8  | 0.101 | 0.507       | 18.969797 | -100.073905 |
| Tejupilco de Hidalgo              | 100.76   | 1  | 0  | 8399 | 2.6                                  | 85.9 | 1.7 | 6.2 | 2.0 | 0.8  | 0.5  | 0.1    | 0.2   | 88.5 | 1.7 | 9.8  | 0.089 | 0.508       | 18.921229 | -100.145863 |
| Tejupilco de Hidalgo              | 100.76   | 3  | 0  | 4775 | 4.6                                  | 84.2 | 1.5 | 5.9 | 1.7 | 1.1  | 0.7  | 0.1    | 0.2   | 88.8 | 1.5 | 9.7  | 0.074 | 0.509       | 18.900610 | -100.168774 |
| Cuadrilla de López                | 113.20   | 3  | 0  | 3353 | 4.8                                  | 84.4 | 1.1 | 4.8 | 1.4 | 1.8  | 1.2  | 0.4    | 0.1   | 89.2 | 1.1 | 9.7  | 0.071 | 0.507       | 18.868427 | -100.228532 |
| T. Izq. Bejucos                   | 147.57   | 1  | 0  | 1754 | 11.5                                 | 75.9 | 2.3 | 5.1 | 1.4 | 2.3  | 1.4  | 0.1    | 0.0   | 87.4 | 2.3 | 10.3 | 0.088 | 0.509       | 18.784759 | -100.421156 |
| Lim. Edos. Term. Méx. Ppia. Gro.  | 148.00   | 0  | 0  |      |                                      |      |     |     |     |      |      |        |       |      |     |      |       |             |           |             |
| Cutzamala                         | 196.00   | 1  | 0  | 3731 | 11.7                                 | 75.5 | 1.2 | 6.3 | 1.5 | 1.9  | 1.5  | 0.2    | 0.2   | 87.2 | 1.2 | 11.6 | 0.099 | 0.502       | 18.479065 | -100.582259 |
| Lim. Edos. Term. Gro. Ppia. Mich. | 201.00   | 0  | 0  |      |                                      |      |     |     |     |      |      |        |       |      |     |      |       |             |           |             |
| Lim. Edos. Term. Mich. Ppia. Gro. | 210.30   | 0  | 0  |      |                                      |      |     |     |     |      |      |        |       |      |     |      |       |             |           |             |
| Cd. Altamirano                    | 216.00   | 1  | 0  | 5245 | 13.5                                 | 77.4 | 1.0 | 4.1 | 1.1 | 1.7  | 1.0  | 0.1    | 0.1   | 90.9 | 1.0 | 8.1  | 0.096 | 0.500       | 18.383006 | -100.650617 |

24 CARR: Toluca - Morelia

CLAVE: 00448

RUTA: MEX-015

AÑO: 2022

| 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    |
| Toluca                                   | 0.00     | 0  | 0  |       |                                      |      |     |      |     |      |      |        |       |      |     |      |       |             |           |             |
| X. C. Libramiento de Toluca              | 1.00     | 3  | 1  | 42355 | 3.0                                  | 86.3 | 1.0 | 5.2  | 0.6 | 1.9  | 1.1  | 0.5    | 0.4   | 89.3 | 1.0 | 9.7  | 0.081 | 0.501       | 19.288040 | -99.684957  |
| X. C. Libramiento de Toluca              | 1.00     | 3  | 2  | 42534 | 2.9                                  | 84.9 | 1.0 | 6.1  | 0.6 | 2.3  | 1.3  | 0.5    | 0.4   | 87.8 | 1.0 | 11.2 | 0.084 | 0.501       | 19.287877 | -99.684946  |
| T. Der. Almoloya de Juárez               | 4.70     | 3  | 1  | 25542 | 2.4                                  | 89.8 | 0.6 | 5.7  | 0.4 | 0.3  | 0.4  | 0.2    | 0.2   | 92.2 | 0.6 | 7.2  | 0.078 | 0.503       | 19.293735 | -99.723490  |
| T. Der. Almoloya de Juárez               | 4.70     | 3  | 2  | 25806 | 2.3                                  | 90.2 | 0.6 | 5.7  | 0.3 | 0.2  | 0.3  | 0.2    | 0.2   | 92.5 | 0.6 | 6.9  | 0.083 | 0.503       | 19.293622 | -99.723930  |
| T. Izq. Valle de Bravo                   | 7.50     | 3  | 1  | 10141 | 1.3                                  | 89.3 | 0.9 | 5.8  | 1.3 | 0.5  | 0.5  | 0.2    | 0.2   | 90.6 | 0.9 | 8.5  | 0.108 | 0.514       | 19.309614 | -99.755966  |
| T. Izq. Valle de Bravo                   | 7.50     | 3  | 2  | 10718 | 1.4                                  | 88.8 | 1.0 | 5.7  | 1.2 | 0.7  | 0.6  | 0.3    | 0.3   | 90.2 | 1.0 | 8.8  | 0.123 | 0.514       | 19.310380 | -99.756757  |
| T. Der. Almoloya de Juárez               | 13.95    | 1  | 0  | 26111 | 2.4                                  | 93.0 | 1.4 | 1.3  | 0.8 | 0.5  | 0.3  | 0.1    | 0.2   | 95.4 | 1.4 | 3.2  | 0.093 | 0.501       | 19.334029 | -99.787666  |
| T. Der. Almoloya de Juárez               | 13.95    | 3  | 0  | 26212 | 2.1                                  | 93.5 | 1.4 | 1.1  | 0.9 | 0.5  | 0.2  | 0.2    | 0.1   | 95.6 | 1.4 | 3.0  | 0.098 | 0.510       | 19.334391 | -99.791628  |
| X. C. Toluca - Zitácuaro (Cuota)         | 20.30    | 1  | 0  | 26286 | 3.1                                  | 93.2 | 0.5 | 1.4  | 0.6 | 0.5  | 0.4  | 0.2    | 0.1   | 96.3 | 0.5 | 3.2  | 0.089 | 0.508       | 19.362695 | -99.805808  |
| X. C. Toluca - Zitácuaro (Cuota)         | 20.30    | 3  | 0  | 30957 | 1.1                                  | 94.2 | 0.7 | 1.5  | 0.6 | 0.9  | 0.5  | 0.4    | 0.1   | 95.3 | 0.7 | 4.0  | 0.089 | 0.506       | 19.388500 | -99.810849  |
| T. Der. Villa Victoria                   | 46.39    | 1  | 0  | 18902 | 1.3                                  | 91.2 | 1.6 | 2.5  | 1.8 | 0.4  | 0.4  | 0.6    | 0.2   | 92.5 | 1.6 | 5.9  | 0.081 | 0.517       | 19.417773 | -99.990384  |
| T. Der. Villa Victoria                   | 46.39    | 3  | 0  | 13770 | 2.3                                  | 91.0 | 1.1 | 2.1  | 1.7 | 0.8  | 0.5  | 0.3    | 0.2   | 93.3 | 1.1 | 5.6  | 0.078 | 0.513       | 19.415978 | -100.011212 |
| T. Izq. Valle de Bravo                   | 54.40    | 1  | 0  | 11521 | 0.7                                  | 95.0 | 0.7 | 1.3  | 1.1 | 0.5  | 0.4  | 0.3    | 0.0   | 95.7 | 0.7 | 3.6  | 0.081 | 0.524       | 19.398120 | -100.062325 |
| T. Izq. Valle de Bravo                   | 54.40    | 3  | 0  | 8933  | 2.1                                  | 91.6 | 1.4 | 2.0  | 1.4 | 0.7  | 0.5  | 0.3    | 0.0   | 93.7 | 1.4 | 4.9  | 0.078 | 0.535       | 19.397254 | -100.074461 |
| T. Izq. Villa de Allende                 | 64.08    | 1  | 0  | 6814  | 2.8                                  | 81.8 | 1.0 | 10.3 | 1.1 | 1.7  | 0.7  | 0.5    | 0.1   | 84.6 | 1.0 | 14.4 | 0.084 | 0.508       | 19.411526 | -100.127362 |
| T. Izq. Villa de Allende                 | 64.08    | 3  | 0  | 5168  | 2.0                                  | 84.7 | 1.1 | 9.6  | 1.0 | 0.8  | 0.5  | 0.2    | 0.1   | 86.7 | 1.1 | 12.2 | 0.078 | 0.522       | 19.411384 | -100.142875 |
| Lim. Edos. Term. Méx. Ppia. Mich.        | 70.20    | 0  | 0  |       |                                      |      |     |      |     |      |      |        |       |      |     |      |       |             |           |             |
| T. Der. Toluca (Cuota)                   | 86.19    | 1  | 0  | 3816  | 4.0                                  | 80.6 | 1.7 | 8.4  | 1.7 | 2.3  | 0.9  | 0.1    | 0.3   | 84.6 | 1.7 | 13.7 | 0.091 | 0.503       | 19.450897 | -100.280281 |
| T. Der. Libramiento de Heroica Zitácuaro | 92.80    | 1  | 1  | 6477  | 8.4                                  | 82.7 | 2.0 | 1.9  | 2.6 | 1.0  | 0.4  | 0.8    | 0.2   | 91.1 | 2.0 | 6.9  | 0.089 | 0.508       | 19.451596 | -100.288922 |

MICHOACAN

24 CARR: Toluca - Morelia

CLAVE: 00448

RUTA: MEX-015

AÑO: 2022

| 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. Libramiento de Heroica Zitacuaro | 92.80    | 1  | 2  | 6284  | 8.7                                  | 82.5 | 1.8 | 2.0  | 2.5 | 1.1  | 0.4  | 0.8    | 0.2   | 91.2 | 1.8 | 7.0  | 0.107 | 0.508       | 19.451502 | -100.288563 |
| T. Der. Libramiento de Heroica Zitacuaro | 92.80    | 3  | 0  | 22614 | 4.7                                  | 84.8 | 1.7 | 5.8  | 1.2 | 0.6  | 0.4  | 0.5    | 0.3   | 89.5 | 1.7 | 8.8  | 0.080 | 0.506       | 19.460228 | -100.344686 |
| T. Der. Anganguero                       | 106.33   | 1  | 0  | 17908 | 4.8                                  | 60.7 | 9.5 | 22.2 | 1.6 | 0.6  | 0.3  | 0.3    | 0.0   | 65.5 | 9.5 | 25.0 | 0.091 | 0.519       | 19.489849 | -100.372061 |
| T. Der. Anganguero                       | 106.33   | 3  | 0  | 11317 | 5.4                                  | 69.9 | 3.7 | 9.6  | 3.3 | 5.8  | 1.1  | 0.7    | 0.5   | 75.3 | 3.7 | 21.0 | 0.088 | 0.504       | 19.489635 | -100.376361 |
| T. Der. Zirahuato                        | 108.00   | 3  | 0  | 9943  | 4.6                                  | 85.9 | 1.7 | 4.0  | 1.4 | 1.1  | 0.6  | 0.3    | 0.4   | 90.5 | 1.7 | 7.8  | 0.086 | 0.501       | 19.484757 | -100.393778 |
| T. Izq. Jungapeo                         | 114.30   | 1  | 0  | 9639  | 4.7                                  | 82.7 | 2.0 | 6.5  | 2.2 | 0.9  | 0.8  | 0.1    | 0.1   | 87.4 | 2.0 | 10.6 | 0.086 | 0.509       | 19.480053 | -100.436024 |
| T. Izq. Jungapeo                         | 114.30   | 3  | 0  | 7741  | 5.7                                  | 76.3 | 3.1 | 9.5  | 2.6 | 1.4  | 0.7  | 0.6    | 0.1   | 82.0 | 3.1 | 14.9 | 0.085 | 0.540       | 19.487523 | -100.447401 |
| Tuxpan                                   | 125.00   | 1  | 1  | 5773  | 2.7                                  | 84.1 | 2.2 | 7.6  | 1.3 | 1.2  | 0.7  | 0.1    | 0.1   | 86.8 | 2.2 | 11.0 | 0.078 | 0.510       | 19.552239 | -100.471255 |
| Tuxpan                                   | 125.00   | 1  | 2  | 5535  | 2.8                                  | 83.8 | 2.4 | 7.7  | 1.1 | 1.2  | 0.8  | 0.1    | 0.1   | 86.6 | 2.4 | 11.0 | 0.086 | 0.510       | 19.552283 | -100.471332 |
| Tuxpan                                   | 125.00   | 3  | 1  | 6280  | 3.0                                  | 81.0 | 1.6 | 10.4 | 1.9 | 1.0  | 0.5  | 0.4    | 0.2   | 84.0 | 1.6 | 14.4 | 0.079 | 0.505       | 19.580771 | -100.466451 |
| Tuxpan                                   | 125.00   | 3  | 2  | 6160  | 3.0                                  | 80.8 | 1.6 | 10.3 | 1.9 | 1.1  | 0.5  | 0.5    | 0.3   | 83.8 | 1.6 | 14.6 | 0.080 | 0.505       | 19.580830 | -100.466563 |
| Cd. Hidalgo                              | 144.61   | 1  | 0  | 10062 | 3.0                                  | 85.0 | 1.5 | 7.2  | 1.5 | 0.8  | 0.8  | 0.1    | 0.1   | 88.0 | 1.5 | 10.5 | 0.098 | 0.512       | 19.672416 | -100.518610 |
| Cd. Hidalgo                              | 144.61   | 3  | 0  | 13592 | 3.3                                  | 86.8 | 0.4 | 6.4  | 1.2 | 1.3  | 0.4  | 0.1    | 0.1   | 90.1 | 0.4 | 9.5  | 0.089 | 0.500       | 19.698803 | -100.598676 |
| T. Der. Huajúmbaro                       | 168.00   | 1  | 0  | 4370  | 1.3                                  | 84.0 | 1.1 | 7.8  | 1.5 | 2.5  | 1.4  | 0.1    | 0.3   | 85.3 | 1.1 | 13.6 | 0.088 | 0.501       | 19.672046 | -100.734833 |
| T. Der. Huajúmbaro                       | 168.00   | 3  | 0  | 790   | 8.4                                  | 80.1 | 0.1 | 8.1  | 1.9 | 0.8  | 0.5  | 0.0    | 0.1   | 88.5 | 0.1 | 11.4 | 0.110 | 0.506       | 19.669538 | -100.742015 |
| T. Izq. Tzitzio                          | 188.30   | 1  | 0  | 507   | 6.9                                  | 80.0 | 0.2 | 10.0 | 1.2 | 0.8  | 0.7  | 0.0    | 0.2   | 86.9 | 0.2 | 12.9 | 0.144 | 0.500       | 19.653742 | -100.934258 |
| T. Der. de Los Triguillos                | 225.00   | 1  | 0  | 3766  | 4.9                                  | 81.7 | 0.4 | 9.9  | 0.7 | 1.8  | 0.3  | 0.1    | 0.2   | 86.6 | 0.4 | 13.0 | 0.121 | 0.501       | 19.686155 | -101.029432 |
| Periférico de Morelia                    | 238.60   | 1  | 1  | 12608 | 7.1                                  | 87.1 | 0.5 | 1.7  | 1.3 | 0.7  | 0.2  | 1.1    | 0.3   | 94.2 | 0.5 | 5.3  | 0.085 | 0.506       | 19.692746 | -101.144659 |
| Periférico de Morelia                    | 238.60   | 1  | 2  | 12915 | 7.4                                  | 86.3 | 0.5 | 1.8  | 1.5 | 0.8  | 0.2  | 1.2    | 0.3   | 93.7 | 0.5 | 5.8  | 0.074 | 0.506       | 19.692357 | -101.144267 |
| Morelia                                  | 240.10   | 0  | 0  |       |                                      |      |     |      |     |      |      |        |       |      |     |      |       |             |           |             |

25 CARR: Zamora - Vista Hermosa

CLAVE: 16242

RUTA: MEX-035

AÑO: 2022

| 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    |
| Zamora                | 0.00     | 3  | 1  | 12603 | 10.7                                 | 77.7 | 0.6 | 8.4 | 1.1 | 1.3  | 0.2  | 0.0    | 0.0   | 88.4 | 0.6 | 11.0 | 0.100 | 0.501       | 20.019957 | -102.280101 |
| Zamora                | 0.00     | 3  | 2  | 12567 | 10.2                                 | 78.9 | 0.5 | 8.0 | 1.0 | 1.2  | 0.2  | 0.0    | 0.0   | 89.1 | 0.5 | 10.4 | 0.101 | 0.501       | 20.020151 | -102.280255 |
| T. Der. La Piedad     | 6.17     | 3  | 0  | 11146 | 7.5                                  | 79.5 | 0.9 | 7.9 | 1.7 | 1.6  | 0.7  | 0.1    | 0.1   | 87.0 | 0.9 | 12.1 | 0.102 | 0.505       | 20.040741 | -102.286173 |
| T. C. Patti - Sahuayo | 43.30    | 1  | 0  | 6351  | 7.2                                  | 71.0 | 1.4 | 9.2 | 2.8 | 5.6  | 1.5  | 0.5    | 0.8   | 78.2 | 1.4 | 20.4 | 0.089 | 0.511       | 20.261778 | -102.475403 |

26 CARR: Zihuatanejo - La Mira

CLAVE: 00121

RUTA: MEX-200

AÑO: 2022

| 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    |
| Zihuatanejo | 0.00     | 3  | 1  | 15795 | 6.5                                  | 87.4 | 0.5 | 4.7 | 0.4 | 0.3  | 0.2  | 0.0    | 0.0   | 93.9 | 0.5 | 5.6 | 0.081 | 0.500       | 17.659119 | -101.560745 |

MICHOACAN

26 CARR : Zihuatanejo - La Mira

CLAVE: 00121

RUTA: MEX-200

AÑO: 2022

| 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    |
| Zihuatanejo  | 0.00     | 3  | 2  | 15809 | 6.5                                  | 87.1 | 0.6 | 4.8  | 0.5 | 0.3  | 0.2  | 0.0    | 0.0   | 93.6 | 0.6         | 5.8  | 0.085 | 0.500 | 17.659027 | -101.560785 |
| T. Izq. Ixtapa (1er Acceso)                        | 2.25     | 3  | 0  | 19521 | 8.6                                  | 84.5 | 1.1 | 2.8  | 0.6 | 1.2  | 0.7  | 0.3    | 0.2   | 93.1 | 1.1         | 5.8  | 0.082 | 0.528 | 17.660585 | -101.574556 |
| T. Izq. 2do Acceso a Ixtapa Zihuatanejo            | 4.70     | 3  | 0  | 3130  | 2.8                                  | 71.8 | 1.7 | 19.6 | 1.0 | 1.3  | 1.1  | 0.3    | 0.4   | 74.6 | 1.7         | 23.7 | 0.075 | 0.501 | 17.671850 | -101.572619 |
| T. Izq. Ixtapa (2do Acceso)                        | 8.00     | 3  | 0  | 7791  | 9.4                                  | 85.6 | 0.5 | 2.0  | 0.8 | 0.5  | 0.5  | 0.4    | 0.3   | 95.0 | 0.5         | 4.5  | 0.078 | 0.514 | 17.680405 | -101.603921 |
| T. Der. Cd. Altamirano                             | 16.30    | 1  | 0  | 3110  | 15.1                                 | 78.9 | 0.9 | 2.6  | 2.1 | 0.2  | 0.1  | 0.1    | 0.0   | 94.0 | 0.9         | 5.1  | 0.076 | 0.525 | 17.726333 | -101.602750 |
| T. Der. Cd. Altamirano                             | 16.30    | 3  | 0  | 3519  | 13.6                                 | 80.8 | 0.4 | 2.9  | 1.4 | 0.6  | 0.1  | 0.1    | 0.1   | 94.4 | 0.4         | 5.2  | 0.082 | 0.520 | 17.731986 | -101.612772 |
| T. Izq. Pantla (1er Acceso)                        | 19.00    | 1  | 0  | 5549  | 2.8                                  | 89.1 | 2.2 | 2.9  | 0.9 | 1.0  | 0.5  | 0.3    | 0.3   | 91.9 | 2.2         | 5.9  | 0.097 | 0.518 | 17.735509 | -101.613996 |
| T. Izq. Pantla (2do Acceso)                        | 22.50    | 1  | 0  | 4276  | 3.3                                  | 85.1 | 3.5 | 3.9  | 1.5 | 1.4  | 0.6  | 0.5    | 0.2   | 88.4 | 3.5         | 8.1  | 0.121 | 0.524 | 17.754371 | -101.645470 |
| T. Der. Buenavista                                 | 27.30    | 3  | 0  | 4992  | 4.1                                  | 83.8 | 2.8 | 4.1  | 1.3 | 1.7  | 1.2  | 0.8    | 0.2   | 87.9 | 2.8         | 9.3  | 0.091 | 0.501 | 17.783471 | -101.680427 |
| T. Der. 1er Acceso a Lagunillas                    | 28.00    | 3  | 0  | 4925  | 4.1                                  | 79.6 | 4.1 | 6.4  | 1.4 | 2.4  | 1.2  | 0.6    | 0.2   | 83.7 | 4.1         | 12.2 | 0.100 | 0.522 | 17.814579 | -101.705235 |
| T. Izq. Lagunillas                                 | 35.20    | 3  | 0  | 3961  | 5.4                                  | 80.7 | 4.3 | 4.4  | 1.9 | 1.7  | 1.1  | 0.2    | 0.3   | 86.1 | 4.3         | 9.6  | 0.093 | 0.502 | 17.839278 | -101.717144 |
| T. Der. La Unión                                   | 52.00    | 1  | 0  | 4033  | 4.6                                  | 84.2 | 2.9 | 3.8  | 1.8 | 1.4  | 0.9  | 0.2    | 0.2   | 88.8 | 2.9         | 8.3  | 0.101 | 0.524 | 17.934220 | -101.827953 |
| T. Der. La Unión                                   | 52.00    | 3  | 0  | 4273  | 3.9                                  | 83.7 | 3.1 | 4.0  | 2.0 | 1.5  | 1.1  | 0.4    | 0.3   | 87.6 | 3.1         | 9.3  | 0.097 | 0.506 | 17.941875 | -101.835978 |
| Joluta   | 60.70    | 3  | 0  | 3374  | 3.7                                  | 81.5 | 4.1 | 4.3  | 3.0 | 1.8  | 1.2  | 0.2    | 0.2   | 85.2 | 4.1         | 10.7 | 0.106 | 0.543 | 17.980757 | -101.929472 |
| X. C. Nueva Italia - Lázaro Cárdenas (Cuota) Este  | 69.00    | 3  | 0  | 1370  | 6.4                                  | 74.4 | 2.0 | 8.7  | 5.3 | 1.4  | 1.8  | 0.0    | 0.0   | 80.8 | 2.0         | 17.2 | 0.086 | 0.511 | 18.005760 | -101.973386 |
| X. C. Nueva Italia - Lázaro Cárdenas (Cuota) Oeste | 95.80    | 1  | 0  | 6378  | 5.8                                  | 83.0 | 1.5 | 2.0  | 4.0 | 1.9  | 1.1  | 0.4    | 0.3   | 88.8 | 1.5         | 9.7  | 0.074 | 0.517 | 17.993499 | -102.163209 |
| Zacatula   | 97.00    | 1  | 0  | 3199  | 13.0                                 | 80.0 | 0.8 | 1.6  | 3.2 | 0.4  | 0.5  | 0.4    | 0.1   | 93.0 | 0.8         | 6.2  | 0.083 | 0.515 | 18.004855 | -102.175132 |
| Lim. Edos. Term. Gro. Ppia. Mich.                  | 102.30   | 0  | 0  |       |                                      |      |     |      |     |      |      |        |       |      |             |      |       |       |           |             |
| La Villita   | 103.80   | 3  | 0  | 2012  | 1.5                                  | 86.8 | 0.5 | 3.9  | 3.2 | 1.6  | 1.7  | 0.5    | 0.3   | 88.3 | 0.5         | 11.2 | 0.076 | 0.506 | 18.046083 | -102.184233 |
| Guacamayas   | 107.00   | 1  | 0  | 3150  | 14.0                                 | 80.2 | 0.4 | 4.1  | 0.5 | 0.2  | 0.3  | 0.2    | 0.1   | 94.2 | 0.4         | 5.4  | 0.070 | 0.504 | 18.029814 | -102.200309 |
| T. Izq. Lazáro Cárdenas                            | 110.85   | 1  | 1  | 16235 | 11.8                                 | 83.9 | 0.5 | 1.8  | 1.0 | 0.4  | 0.2  | 0.2    | 0.2   | 95.7 | 0.5         | 3.8  | 0.066 | 0.502 | 18.004420 | -102.220113 |
| T. Izq. Lazáro Cárdenas                            | 110.85   | 1  | 2  | 16130 | 11.7                                 | 84.2 | 0.5 | 1.5  | 1.0 | 0.4  | 0.2  | 0.2    | 0.3   | 95.9 | 0.5         | 3.6  | 0.075 | 0.502 | 18.004393 | -102.219943 |
| Buenos Aires                                       | 117.00   | 1  | 0  | 14017 | 5.5                                  | 85.6 | 1.9 | 3.6  | 1.5 | 0.8  | 0.4  | 0.3    | 0.4   | 91.1 | 1.9         | 7.0  | 0.074 | 0.506 | 18.010404 | -102.265431 |
| La Mira  | 123.60   | 1  | 0  | 12451 | 4.4                                  | 89.5 | 1.2 | 3.2  | 0.7 | 0.5  | 0.3  | 0.1    | 0.1   | 93.9 | 1.2         | 4.9  | 0.077 | 0.503 | 18.031485 | -102.320651 |

27 CARR : Zitácuaro - Cd. Altamirano

CLAVE: 16006

RUTA: MEX-051

AÑO: 2022

| 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    |
| Zitácuaro     | 0.00     | 0  | 0  |      |                                      |      |     |     |     |      |      |        |       |      |             |      |       |       |           |             |
| San Cayetano  | 3.60     | 3  | 0  | 5424 | 7.9                                  | 89.2 | 0.4 | 1.1 | 0.8 | 0.3  | 0.2  | 0.1    | 0.0   | 97.1 | 0.4         | 2.5  | 0.082 | 0.501 | 19.405994 | -100.389856 |
| Benito Juárez | 26.06    | 3  | 0  | 5148 | 4.6                                  | 88.9 | 1.8 | 3.6 | 0.8 | 0.2  | 0.1  | 0.0    | 0.0   | 93.5 | 1.8         | 4.7  | 0.075 | 0.521 | 19.297893 | -100.431239 |
| Tiquicheo     | 104.50   | 1  | 0  | 1877 | 8.8                                  | 76.5 | 1.8 | 7.8 | 1.4 | 2.6  | 0.8  | 0.2    | 0.1   | 85.3 | 1.8         | 12.9 | 0.091 | 0.504 | 18.921468 | -100.744244 |
| Tiquicheo     | 104.50   | 3  | 0  | 1392 | 11.7                                 | 80.1 | 1.8 | 3.5 | 1.6 | 0.9  | 0.3  | 0.1    | 0.0   | 91.8 | 1.8         | 6.4  | 0.093 | 0.529 | 18.895906 | -100.745593 |
| Huetamo       | 174.60   | 1  | 0  | 3926 | 8.0                                  | 77.8 | 1.2 | 8.5 | 1.0 | 2.4  | 0.7  | 0.1    | 0.3   | 85.8 | 1.2         | 13.0 | 0.063 | 0.526 | 18.658395 | -100.899415 |

MICHOACAN

27 CARR: Zitácuaro - Cd. Altamirano

CLAVE: 16006

RUTA: MEX-051

AÑO: 2022

| 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 Lucas                     | 193.80   | 3  | 0  | 2327 | 8.4                                  | 76.7 | 0.4 | 7.1 | 0.5 | 4.7  | 1.2  | 0.4    | 0.6   | 85.1 | 0.4         | 14.5 | 0.072 | 0.558 | 18.575000 | -100.784874 |
| T. C. Toluca - Cd. Altamirano | 214.50   | 1  | 0  | 4723 | 10.4                                 | 76.3 | 1.0 | 6.6 | 0.9 | 3.6  | 0.8  | 0.1    | 0.3   | 86.7 | 1.0         | 12.3 | 0.081 | 0.508 | 18.385255 | -100.672424 |

28 CARR: Atlacomulco - Maravatío (Cuota)

CLAVE: 00018

RUTA: MEX-015D

AÑO: 2022

| 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. Toluca - Palmillas          | 99.50    | 3  | 1  | 7118 | 1.1                                  | 65.9 | 6.0 | 9.0 | 1.9 | 9.5  | 2.0  | 4.0    | 0.6   | 67.0 | 6.0         | 27.0 | 0.116 | 0.505 | 19.828363 | -99.885297  |
| T. C. Toluca - Palmillas          | 99.50    | 3  | 2  | 6966 | 1.1                                  | 66.0 | 6.1 | 9.2 | 2.1 | 9.6  | 1.7  | 3.7    | 0.5   | 67.1 | 6.1         | 26.8 | 0.101 | 0.505 | 19.828187 | -99.885316  |
| Plaza de Cobro San Juanico        | 107.50   | 2  | 1  | 7586 | 0.6                                  | 67.0 | 4.1 | 4.9 | 3.9 | 11.0 | 1.7  | 4.8    | 2.0   | 67.6 | 4.1         | 28.3 | 0.076 | 0.500 | 19.837801 | -99.945463  |
| Plaza de Cobro San Juanico        | 107.50   | 2  | 2  | 7586 | 0.6                                  | 67.0 | 4.1 | 4.9 | 3.9 | 11.0 | 1.7  | 4.8    | 2.0   | 67.6 | 4.1         | 28.3 | 0.076 | 0.500 | 19.837801 | -99.945463  |
| Lim. Edos. Term. Méx. Ppia. Mich. | 120.70   | 0  | 0  |      |                                      |      |     |     |     |      |      |        |       |      |             |      |       |       |           |             |
| T. Der. Tepetongo                 | 129.00   | 1  | 1  | 6871 | 1.8                                  | 64.8 | 5.6 | 6.5 | 3.5 | 10.7 | 2.0  | 4.2    | 0.9   | 66.6 | 5.6         | 27.8 | 0.075 | 0.509 | 19.876173 | -100.127074 |
| T. Der. Tepetongo                 | 129.00   | 1  | 2  | 6639 | 1.7                                  | 64.3 | 5.7 | 6.9 | 3.7 | 10.5 | 2.0  | 4.3    | 0.9   | 66.0 | 5.7         | 28.3 | 0.073 | 0.509 | 19.876017 | -100.127167 |
| T. Izq. Tlalpujahua               | 132.90   | 1  | 1  | 7256 | 1.7                                  | 65.3 | 6.8 | 7.4 | 2.5 | 9.8  | 2.1  | 3.7    | 0.7   | 67.0 | 6.8         | 26.2 | 0.089 | 0.504 | 19.879111 | -100.169078 |
| T. Izq. Tlalpujahua               | 132.90   | 1  | 2  | 7361 | 1.3                                  | 65.7 | 6.7 | 7.5 | 2.3 | 9.9  | 2.2  | 3.7    | 0.7   | 67.0 | 6.7         | 26.3 | 0.108 | 0.504 | 19.878935 | -100.169006 |
| Plaza de Cobro Contepec           | 134.15   | 2  | 1  | 6947 | 0.5                                  | 64.2 | 4.3 | 5.2 | 4.4 | 12.1 | 1.9  | 5.3    | 2.1   | 64.7 | 4.3         | 31.0 | 0.076 | 0.500 | 19.875682 | -100.188079 |
| Plaza de Cobro Contepec           | 134.15   | 2  | 2  | 6947 | 0.5                                  | 64.2 | 4.3 | 5.2 | 4.4 | 12.1 | 1.9  | 5.3    | 2.1   | 64.7 | 4.3         | 31.0 | 0.076 | 0.500 | 19.875682 | -100.188079 |
| T. Izq. Maravatío                 | 156.77   | 1  | 1  | 7943 | 1.5                                  | 67.4 | 6.1 | 6.1 | 4.0 | 9.9  | 1.2  | 3.0    | 0.8   | 68.9 | 6.1         | 25.0 | 0.094 | 0.505 | 19.897250 | -100.384969 |
| T. Izq. Maravatío                 | 156.77   | 1  | 2  | 8118 | 1.7                                  | 67.0 | 6.0 | 6.2 | 4.1 | 9.7  | 1.3  | 3.2    | 0.8   | 68.7 | 6.0         | 25.3 | 0.099 | 0.505 | 19.897091 | -100.385027 |
| X. C. Maravatío - Acámbaro        | 163.70   | 1  | 1  | 6454 | 2.0                                  | 68.1 | 7.1 | 5.3 | 3.1 | 8.8  | 1.6  | 3.1    | 0.9   | 70.1 | 7.1         | 22.8 | 0.085 | 0.509 | 19.910424 | -100.442187 |
| X. C. Maravatío - Acámbaro        | 163.70   | 1  | 2  | 6694 | 2.0                                  | 65.4 | 8.1 | 5.9 | 3.3 | 9.0  | 1.8  | 3.6    | 0.9   | 67.4 | 8.1         | 24.5 | 0.096 | 0.509 | 19.910254 | -100.442158 |

29 CARR: Libramiento Norte de la Piedad (Cuota)

CLAVE:

RUTA: MEX-110D

AÑO: 2022

| 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  | 3612 | 2.6                                  | 41.6 | 6.7 | 7.9 | 5.5 | 25.5 | 3.6  | 5.7    | 0.9   | 44.2 | 6.7         | 49.1 | 0.054 | 0.513 | 20.390860 | -101.961974 |
| T. C. Irapuato - Zapotlanejo         | 76.50    | 3  | 2  | 3428 | 2.2                                  | 45.6 | 7.3 | 7.1 | 5.8 | 21.6 | 4.3  | 5.2    | 0.9   | 47.8 | 7.3         | 44.9 | 0.063 | 0.513 | 20.390768 | -101.961999 |
| Plaza de Cobro La Calera             | 81.20    | 2  | 1  | 3413 | 0.2                                  | 72.0 | 1.5 | 3.6 | 6.4 | 11.4 | 2.2  | 1.1    | 1.6   | 72.2 | 1.5         | 26.3 | 0.101 | 0.500 | 20.395639 | -101.993375 |
| Plaza de Cobro La Calera             | 81.20    | 2  | 2  | 3413 | 0.2                                  | 72.0 | 1.5 | 3.6 | 6.4 | 11.4 | 2.2  | 1.1    | 1.6   | 72.2 | 1.5         | 26.3 | 0.101 | 0.500 | 20.395639 | -101.993375 |
| X. C. Manuel Doblado - La Piedad     | 81.86    | 3  | 1  | 3738 | 2.0                                  | 47.5 | 6.2 | 6.0 | 7.0 | 21.9 | 3.8  | 4.7    | 0.9   | 49.5 | 6.2         | 44.3 | 0.059 | 0.534 | 20.401333 | -102.015765 |
| X. C. Manuel Doblado - La Piedad     | 81.86    | 3  | 2  | 3258 | 1.9                                  | 48.6 | 5.6 | 7.2 | 6.4 | 19.5 | 3.6  | 6.2    | 1.0   | 50.5 | 5.6         | 43.9 | 0.060 | 0.534 | 20.401243 | -102.015803 |
| Lím. de Edos. Term. Gto. Ppia. Jal.  | 91.00    | 0  | 0  |      |                                      |      |     |     |     |      |      |        |       |      |             |      |       |       |           |             |
| Lím. de Edos. Term. Jal. Ppia. Mich. | 95.29    | 0  | 0  |      |                                      |      |     |     |     |      |      |        |       |      |             |      |       |       |           |             |

MICHOACAN

29 CARR: Libramiento Norte de la Piedad (Cuota)

CLAVE:

RUTA: MEX-110D

AÑO: 2022

| 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. Patti - Sahuayo | 96.70    | 1  | 1  | 3764 | 2.0                                  | 44.6 | 5.6 | 9.3 | 4.7 | 23.2 | 3.8  | 5.9    | 0.9   | 46.6 | 5.6 | 47.8        | 0.081 | 0.517 | 20.377273 | -102.122748 |
| T. C. Patti - Sahuayo | 96.70    | 1  | 2  | 3513 | 2.2                                  | 47.0 | 4.4 | 8.9 | 4.3 | 24.5 | 3.0  | 4.8    | 0.9   | 49.2 | 4.4 | 46.4        | 0.085 | 0.517 | 20.378484 | -102.121829 |

30 CARR: Libramiento Poniente de Morelia (Cuota)

CLAVE:

RUTA: MEX-014D

AÑO: 2022

| 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. Maravatio - Zapotlanejo (Cuota) | 0.00     | 3  | 0  | 4112 | 2.2                                  | 63.5 | 4.0  | 5.6  | 2.8 | 10.1 | 3.7  | 7.2    | 0.9   | 65.7 | 4.0  | 30.3        | 0.076 | 0.513 | 19.876159 | -101.211559 |
| Plaza de Cobro Cuto                   | 28.40    | 2  | 0  | 5365 | 0.5                                  | 60.3 | 1.4  | 3.5  | 4.2 | 12.7 | 3.4  | 10.5   | 3.5   | 60.8 | 1.4  | 37.8        | 0.090 | 0.500 | 19.710788 | -101.337207 |
| X. C. Morelia - Jiquilpan             | 34.40    | 1  | 0  | 4072 | 2.7                                  | 60.1 | 4.2  | 6.2  | 3.5 | 10.9 | 4.9  | 6.6    | 0.9   | 62.8 | 4.2  | 33.0        | 0.072 | 0.508 | 19.686125 | -101.359805 |
| Plaza de Cobro Chapultepec            | 57.70    | 2  | 0  | 6549 | 0.4                                  | 62.6 | 2.7  | 5.0  | 4.1 | 10.4 | 2.8  | 9.1    | 2.9   | 63.0 | 2.7  | 34.3        | 0.090 | 0.500 | 19.545486 | -101.535897 |
| X. C. Morelia - Pátzcuaro             | 60.80    | 1  | 0  | 6245 | 3.3                                  | 68.9 | 10.2 | 11.5 | 2.3 | 1.2  | 0.6  | 1.4    | 0.6   | 72.2 | 10.2 | 17.6        | 0.096 | 0.508 | 19.539011 | -101.549954 |
| T. C. Pátzcuaro - Uruapan (Cuota)     | 61.00    | 0  | 0  |      |                                      |      |      |      |     |      |      |        |       |      |      |             |       |       |           |             |

31 CARR: Maravatio - Zapotlanejo (Cuota)

CLAVE: 00018

RUTA: MEX-015D

AÑO: 2022

| 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. Maravatio - Acámbaro      | 164.00   | 3  | 1  | 5647 | 2.8                                  | 61.5 | 9.8  | 7.0 | 1.8 | 11.0 | 1.5  | 3.8    | 0.8   | 64.3 | 9.8  | 25.9        | 0.102 | 0.505 | 19.910116 | -100.467096 |
| X. C. Maravatio - Acámbaro      | 164.00   | 3  | 2  | 5767 | 2.6                                  | 61.3 | 10.1 | 7.2 | 1.8 | 11.2 | 1.3  | 3.6    | 0.9   | 63.9 | 10.1 | 26.0        | 0.090 | 0.505 | 19.909965 | -100.467136 |
| X. C. Atlacomulco - Morelia     | 186.00   | 3  | 1  | 6469 | 2.3                                  | 66.1 | 8.9  | 4.7 | 1.9 | 10.7 | 1.3  | 3.2    | 0.9   | 68.4 | 8.9  | 22.7        | 0.108 | 0.508 | 19.893063 | -100.658168 |
| X. C. Atlacomulco - Morelia     | 186.00   | 3  | 2  | 6271 | 2.9                                  | 64.4 | 9.1  | 5.0 | 2.1 | 10.6 | 1.3  | 3.7    | 0.9   | 67.3 | 9.1  | 23.6        | 0.110 | 0.508 | 19.892899 | -100.658120 |
| Plaza de Cobro Zinapécuaro      | 202.00   | 2  | 1  | 6219 | 0.5                                  | 62.6 | 4.5  | 5.1 | 4.2 | 13.3 | 1.9  | 5.8    | 2.1   | 63.1 | 4.5  | 32.4        | 0.090 | 0.500 | 19.901884 | -100.788535 |
| Plaza de Cobro Zinapécuaro      | 202.00   | 2  | 2  | 6219 | 0.5                                  | 62.6 | 4.5  | 5.1 | 4.2 | 13.3 | 1.9  | 5.8    | 2.1   | 63.1 | 4.5  | 32.4        | 0.090 | 0.500 | 19.901884 | -100.788535 |
| T. Izq. Morelia (Cuota)         | 225.40   | 1  | 1  | 5468 | 5.3                                  | 63.7 | 10.4 | 7.1 | 2.2 | 7.5  | 1.5  | 1.7    | 0.6   | 69.0 | 10.4 | 20.6        | 0.105 | 0.529 | 19.891543 | -101.000346 |
| T. Izq. Morelia (Cuota)         | 225.40   | 1  | 2  | 6136 | 5.2                                  | 63.8 | 10.3 | 7.1 | 2.1 | 7.7  | 1.5  | 1.7    | 0.6   | 69.0 | 10.3 | 20.7        | 0.069 | 0.529 | 19.891375 | -101.000379 |
| T. Izq. Morelia (Cuota)         | 225.40   | 3  | 1  | 6354 | 4.4                                  | 63.4 | 8.6  | 5.3 | 2.5 | 9.8  | 1.5  | 3.6    | 0.9   | 67.8 | 8.6  | 23.6        | 0.110 | 0.507 | 19.891573 | -101.017759 |
| T. Izq. Morelia (Cuota)         | 225.40   | 3  | 2  | 6177 | 4.3                                  | 62.5 | 8.8  | 5.5 | 2.8 | 10.0 | 1.5  | 3.7    | 0.9   | 66.8 | 8.8  | 24.4        | 0.080 | 0.507 | 19.891399 | -101.017793 |
| X. C. Morelia - Salamanca       | 239.70   | 1  | 1  | 5923 | 3.4                                  | 59.1 | 8.0  | 5.9 | 3.1 | 14.3 | 1.1  | 4.3    | 0.8   | 62.5 | 8.0  | 29.5        | 0.100 | 0.507 | 19.903700 | -101.135796 |
| X. C. Morelia - Salamanca       | 239.70   | 1  | 2  | 6102 | 3.4                                  | 59.1 | 8.0  | 5.9 | 3.1 | 14.3 | 1.1  | 4.3    | 0.8   | 62.5 | 8.0  | 29.5        | 0.088 | 0.507 | 19.903538 | -101.135717 |
| X. C. Morelia - Salamanca       | 239.70   | 3  | 1  | 6053 | 1.3                                  | 63.5 | 5.9  | 7.4 | 2.8 | 10.3 | 3.1  | 4.8    | 0.9   | 64.8 | 5.9  | 29.3        | 0.107 | 0.509 | 19.893228 | -101.160805 |
| X. C. Morelia - Salamanca       | 239.70   | 3  | 2  | 6277 | 1.3                                  | 63.2 | 6.0  | 7.4 | 2.9 | 10.2 | 3.2  | 4.9    | 0.9   | 64.5 | 6.0  | 29.5        | 0.083 | 0.509 | 19.893066 | -101.160755 |
| T. C. Morelia-Copándaro (Cuota) | 246.00   | 0  | 0  |      |                                      |      |      |     |     |      |      |        |       |      |      |             |       |       |           |             |
| X. C. Comanja - Huaniqueo       | 280.00   | 1  | 1  | 5334 | 1.3                                  | 62.6 | 6.6  | 8.7 | 2.6 | 12.5 | 1.6  | 3.6    | 0.5   | 63.9 | 6.6  | 29.5        | 0.085 | 0.508 | 19.882492 | -101.498035 |
| X. C. Comanja - Huaniqueo       | 280.00   | 1  | 2  | 5518 | 1.1                                  | 62.1 | 6.6  | 8.6 | 2.8 | 12.7 | 1.8  | 3.8    | 0.5   | 63.2 | 6.6  | 30.2        | 0.090 | 0.508 | 19.882321 | -101.497984 |

MICHOACAN

31 CARR: Maravatio - Zapotlanejo (Cuota)

CLAVE: 00018

RUTA: MEX-015D

AÑO: 2022

| 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. Comanja - Huaniqueo                    | 280.00   | 3  | 1  | 4506 | 1.0                                  | 59.4 | 7.8  | 9.8  | 2.4 | 13.5 | 1.7  | 3.9    | 0.5   | 60.4 | 7.8         | 31.8 | 0.100 | 0.506 | 19.885484 | -101.514453 |
| X. C. Comanja - Huaniqueo                    | 280.00   | 3  | 2  | 4618 | 0.9                                  | 59.2 | 7.6  | 9.6  | 2.7 | 13.7 | 1.5  | 4.3    | 0.5   | 60.1 | 7.6         | 32.3 | 0.103 | 0.506 | 19.885339 | -101.514546 |
| Plaza de Cobro Panindícuaro                  | 307.00   | 2  | 1  | 4875 | 0.4                                  | 62.0 | 5.1  | 5.6  | 4.8 | 14.3 | 1.5  | 4.4    | 1.9   | 62.4 | 5.1         | 32.5 | 0.090 | 0.500 | 19.972240 | -101.756949 |
| Plaza de Cobro Panindícuaro                  | 307.00   | 2  | 2  | 4875 | 0.4                                  | 62.0 | 5.1  | 5.6  | 4.8 | 14.3 | 1.5  | 4.4    | 1.9   | 62.4 | 5.1         | 32.5 | 0.090 | 0.500 | 19.972240 | -101.756949 |
| X. C. La Piedad - Carapan                    | 346.10   | 1  | 1  | 5119 | 1.1                                  | 58.8 | 8.1  | 10.3 | 2.8 | 12.9 | 1.9  | 3.5    | 0.6   | 59.9 | 8.1         | 32.0 | 0.081 | 0.520 | 20.126582 | -102.061314 |
| X. C. La Piedad - Carapan                    | 346.10   | 1  | 2  | 5541 | 1.0                                  | 59.6 | 7.8  | 9.9  | 2.9 | 12.8 | 1.6  | 3.9    | 0.5   | 60.6 | 7.8         | 31.6 | 0.089 | 0.520 | 20.126449 | -102.061421 |
| X. C. Zamora - La Piedad                     | 360.00   | 1  | 1  | 5459 | 1.3                                  | 67.1 | 8.8  | 4.7  | 3.2 | 9.7  | 1.0  | 3.4    | 0.8   | 68.4 | 8.8         | 22.8 | 0.093 | 0.502 | 20.174956 | -102.186873 |
| X. C. Zamora - La Piedad                     | 360.00   | 1  | 2  | 5420 | 1.3                                  | 66.8 | 8.5  | 4.8  | 3.1 | 9.8  | 1.3  | 3.5    | 0.9   | 68.1 | 8.5         | 23.4 | 0.103 | 0.502 | 20.174775 | -102.186885 |
| Plaza de Cobro Ecuandureo                    | 360.00   | 2  | 1  | 5264 | 0.5                                  | 63.4 | 4.9  | 5.4  | 4.9 | 13.5 | 1.5  | 4.1    | 1.8   | 63.9 | 4.9         | 31.2 | 0.090 | 0.500 | 20.175023 | -102.191288 |
| Plaza de Cobro Ecuandureo                    | 360.00   | 2  | 2  | 5264 | 0.5                                  | 63.4 | 4.9  | 5.4  | 4.9 | 13.5 | 1.5  | 4.1    | 1.8   | 63.9 | 4.9         | 31.2 | 0.090 | 0.500 | 20.175023 | -102.191288 |
| X. C. Zamora - La Piedad                     | 360.00   | 3  | 1  | 5016 | 1.8                                  | 63.3 | 10.8 | 5.4  | 2.0 | 11.9 | 1.2  | 2.9    | 0.7   | 65.1 | 10.8        | 24.1 | 0.094 | 0.509 | 20.175361 | -102.208302 |
| X. C. Zamora - La Piedad                     | 360.00   | 3  | 2  | 5195 | 1.6                                  | 64.3 | 10.5 | 5.1  | 2.3 | 11.1 | 1.2  | 3.2    | 0.7   | 65.9 | 10.5        | 23.6 | 0.099 | 0.509 | 20.175189 | -102.208296 |
| T. Izq. Zamora                               | 365.70   | 3  | 1  | 6913 | 2.2                                  | 64.9 | 6.1  | 7.5  | 2.4 | 11.8 | 1.9  | 2.6    | 0.6   | 67.1 | 6.1         | 26.8 | 0.078 | 0.503 | 20.177648 | -102.254360 |
| T. Izq. Zamora                               | 365.70   | 3  | 2  | 6999 | 1.9                                  | 65.4 | 6.1  | 7.7  | 2.7 | 11.0 | 1.6  | 2.8    | 0.8   | 67.3 | 6.1         | 26.6 | 0.076 | 0.503 | 20.177477 | -102.254382 |
| X. C. Ent. Patti - Sahuayo                   | 390.00   | 3  | 1  | 7468 | 1.0                                  | 59.1 | 6.6  | 8.4  | 4.6 | 10.8 | 4.0  | 4.6    | 0.9   | 60.1 | 6.6         | 33.3 | 0.092 | 0.520 | 20.281694 | -102.457109 |
| X. C. Ent. Patti - Sahuayo                   | 390.00   | 3  | 2  | 8075 | 0.8                                  | 59.1 | 6.8  | 8.3  | 4.6 | 10.6 | 4.1  | 4.8    | 0.9   | 59.9 | 6.8         | 33.3 | 0.084 | 0.520 | 20.281551 | -102.457207 |
| Lim. Edos. Term. Mich. Ppia. Jal.            | 397.00   | 0  | 0  |      |                                      |      |      |      |     |      |      |        |       |      |             |      |       |       |           |             |
| X. C. San Miguel El Alto - La Barca          | 402.18   | 3  | 1  | 8830 | 1.0                                  | 59.1 | 6.5  | 5.2  | 4.6 | 14.5 | 3.2  | 5.0    | 0.9   | 60.1 | 6.5         | 33.4 | 0.065 | 0.511 | 20.322177 | -102.544438 |
| X. C. San Miguel El Alto - La Barca          | 402.18   | 3  | 2  | 8456 | 1.0                                  | 59.1 | 6.5  | 5.2  | 4.6 | 14.5 | 3.2  | 5.0    | 0.9   | 60.1 | 6.5         | 33.4 | 0.061 | 0.511 | 20.321999 | -102.544641 |
| X. C. Tototlán - Ocotlán                     | 425.80   | 3  | 1  | 8026 | 0.5                                  | 61.0 | 6.7  | 5.4  | 4.4 | 12.9 | 2.8  | 5.8    | 0.5   | 61.5 | 6.7         | 31.8 | 0.078 | 0.511 | 20.419789 | -102.759977 |
| X. C. Tototlán - Ocotlán                     | 425.80   | 3  | 2  | 8381 | 0.6                                  | 61.0 | 6.8  | 5.5  | 4.5 | 13.0 | 2.8  | 5.3    | 0.5   | 61.6 | 6.8         | 31.6 | 0.082 | 0.511 | 20.419515 | -102.759675 |
| X. C. Tototlán - Ocotlán                     | 425.80   | 1  | 1  | 9076 | 0.5                                  | 61.8 | 6.7  | 8.1  | 3.1 | 12.2 | 2.6  | 4.1    | 0.9   | 62.3 | 6.7         | 31.0 | 0.077 | 0.520 | 20.395959 | -102.726022 |
| X. C. Tototlán - Ocotlán                     | 425.80   | 1  | 2  | 8393 | 0.6                                  | 61.6 | 6.7  | 8.1  | 3.1 | 12.3 | 2.6  | 4.1    | 0.9   | 62.2 | 6.7         | 31.1 | 0.092 | 0.520 | 20.395816 | -102.726111 |
| Plaza de Cobro Ocotlán                       | 425.80   | 2  | 1  | 7648 | 0.3                                  | 61.5 | 7.4  | 4.8  | 4.4 | 12.5 | 2.0  | 5.8    | 1.3   | 61.8 | 7.4         | 30.8 | 0.090 | 0.500 | 20.405976 | -102.738837 |
| Plaza de Cobro Ocotlán                       | 425.80   | 2  | 2  | 7648 | 0.3                                  | 61.5 | 7.4  | 4.8  | 4.4 | 12.5 | 2.0  | 5.8    | 1.3   | 61.8 | 7.4         | 30.8 | 0.090 | 0.500 | 20.405976 | -102.738837 |
| T. Izq. Zapotlán del Rey                     | 446.00   | 3  | 1  | 6885 | 0.9                                  | 61.9 | 8.1  | 6.4  | 2.6 | 12.4 | 2.1  | 4.7    | 0.9   | 62.8 | 8.1         | 29.1 | 0.075 | 0.511 | 20.472594 | -102.920598 |
| T. Izq. Zapotlán del Rey                     | 446.00   | 3  | 2  | 7204 | 0.8                                  | 62.0 | 7.6  | 6.9  | 2.5 | 12.4 | 2.2  | 4.7    | 0.9   | 62.8 | 7.6         | 29.6 | 0.104 | 0.511 | 20.472424 | -102.920706 |
| X. C. Libramiento Sur de Guadalajara (Cuota) | 470.00   | 1  | 1  | 8772 | 0.6                                  | 62.2 | 7.0  | 7.9  | 2.6 | 12.5 | 2.0  | 4.7    | 0.5   | 62.8 | 7.0         | 30.2 | 0.082 | 0.531 | 20.577361 | -103.089850 |
| X. C. Libramiento Sur de Guadalajara (Cuota) | 470.00   | 1  | 2  | 7747 | 0.7                                  | 62.1 | 7.0  | 7.9  | 2.6 | 12.5 | 2.0  | 4.7    | 0.5   | 62.8 | 7.0         | 30.2 | 0.096 | 0.531 | 20.577328 | -103.090062 |
| T. C. Zapotlanejo - Guadalajara (Cuota)      | 475.50   | 1  | 1  | 6980 | 0.9                                  | 67.0 | 6.8  | 7.6  | 3.1 | 9.8  | 1.5  | 2.4    | 0.9   | 67.9 | 6.8         | 25.3 | 0.116 | 0.510 | 20.603701 | -103.126263 |
| T. C. Zapotlanejo - Guadalajara (Cuota)      | 475.50   | 1  | 2  | 6696 | 0.9                                  | 67.1 | 6.8  | 7.6  | 3.1 | 9.8  | 1.5  | 2.3    | 0.9   | 68.0 | 6.8         | 25.2 | 0.093 | 0.510 | 20.603223 | -103.125540 |

MICHOACAN

32 CARR: Morelia - Salamanca (Cuota)

CLAVE: 00124

RUTA: MEX-043D

AÑO: 2022

| 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  | 10206 | 1.2                                  | 77.5 | 3.6 | 5.6  | 1.6 | 3.8  | 1.6  | 4.3    | 0.8   | 78.7 | 3.6 | 17.7 | 0.072 | 0.551       | 19.916743 | -101.149971 |
| T. Der. Cuitzeo                    | 6.70     | 1  | 0  | 8242  | 1.1                                  | 75.2 | 3.6 | 6.8  | 1.7 | 4.7  | 1.7  | 4.6    | 0.6   | 76.3 | 3.6 | 20.1 | 0.103 | 0.511       | 19.954975 | -101.158221 |
| T. Der. Cuitzeo                    | 6.70     | 3  | 0  | 8385  | 1.9                                  | 74.4 | 3.4 | 6.7  | 1.6 | 4.5  | 1.6  | 5.0    | 0.9   | 76.3 | 3.4 | 20.3 | 0.105 | 0.508       | 19.986940 | -101.149068 |
| Lim. Edos. Term. Mich. Ppia. Gto.  | 17.85    | 0  | 0  |       |                                      |      |     |      |     |      |      |        |       |      |     |      |       |             |           |             |
| T. Izq. La Cinta                   | 19.30    | 1  | 0  | 8339  | 3.1                                  | 72.3 | 4.6 | 3.0  | 2.0 | 7.7  | 1.9  | 4.6    | 0.8   | 75.4 | 4.6 | 20.0 | 0.120 | 0.502       | 20.059379 | -101.136100 |
| T. Izq. La Cinta                   | 19.30    | 3  | 0  | 5524  | 4.6                                  | 68.5 | 3.4 | 4.1  | 2.1 | 8.9  | 2.2  | 5.3    | 0.9   | 73.1 | 3.4 | 23.5 | 0.107 | 0.507       | 20.087464 | -101.136887 |
| T. Der. Yuriria                    | 31.40    | 1  | 0  | 5432  | 3.6                                  | 68.7 | 4.5 | 3.8  | 2.1 | 9.1  | 2.2  | 5.1    | 0.9   | 72.3 | 4.5 | 23.2 | 0.108 | 0.510       | 20.167444 | -101.155063 |
| T. Der. Yuriria                    | 31.40    | 3  | 0  | 6422  | 4.0                                  | 69.0 | 5.4 | 4.2  | 2.4 | 8.2  | 1.9  | 3.9    | 1.0   | 73.0 | 5.4 | 21.6 | 0.097 | 0.503       | 20.186413 | -101.167126 |
| T. Izq. Valle de Santiago          | 57.12    | 1  | 0  | 6960  | 1.9                                  | 76.7 | 1.9 | 11.5 | 2.3 | 4.0  | 1.0  | 0.6    | 0.1   | 78.6 | 1.9 | 19.5 | 0.086 | 0.515       | 20.369842 | -101.148215 |
| T. Izq. Valle de Santiago          | 57.12    | 3  | 0  | 6524  | 3.2                                  | 81.4 | 1.8 | 6.5  | 2.4 | 2.7  | 1.2  | 0.7    | 0.1   | 84.6 | 1.8 | 13.6 | 0.080 | 0.523       | 20.386849 | -101.146471 |
| Plaza de Cobro Valtierra           | 76.39    | 2  | 0  | 7392  | 0.4                                  | 74.7 | 3.6 | 2.2  | 1.9 | 7.2  | 1.5  | 7.3    | 1.2   | 75.1 | 3.6 | 21.3 | 0.079 | 0.500       | 20.542634 | -101.137635 |
| T. C. Querétaro - Irapuato (Libre) | 77.09    | 1  | 0  | 6645  | 2.2                                  | 70.4 | 5.4 | 6.0  | 2.6 | 5.5  | 1.6  | 5.3    | 1.0   | 72.6 | 5.4 | 22.0 | 0.081 | 0.501       | 20.539066 | -101.138253 |
| T. C. Querétaro - Irapuato (Cuota) | 81.94    | 1  | 0  | 7716  | 2.7                                  | 67.1 | 5.4 | 6.8  | 3.3 | 7.0  | 2.2  | 4.5    | 1.0   | 69.8 | 5.4 | 24.8 | 0.072 | 0.513       | 20.585965 | -101.141016 |

33 CARR: Nueva Italia - Lázaro Cárdenas (Cuota)

CLAVE: 00032

RUTA: MEX-037D

AÑO: 2022

| 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. Apatzingán                      | 153.90   | 3  | 0  | 7404 | 8.2                                  | 62.9 | 4.2 | 7.5  | 2.8 | 5.0  | 3.2  | 5.6    | 0.6   | 71.1 | 4.2 | 24.7 | 0.075 | 0.507       | 18.981692 | -102.088441 |
| Plaza de Cobro Las Cañas                | 211.40   | 2  | 0  | 5184 | 0.6                                  | 62.7 | 3.5 | 2.3  | 3.1 | 8.1  | 4.1  | 11.6   | 4.0   | 63.3 | 3.5 | 33.2 | 0.078 | 0.500       | 18.554183 | -101.970404 |
| Lim. Edos. Term. Mich. Ppia. Gro.       | 252.25   | 0  | 0  |      |                                      |      |     |      |     |      |      |        |       |      |     |      |       |             |           |             |
| Plaza de Cobro Feliciano                | 282.00   | 2  | 0  | 5496 | 0.6                                  | 64.1 | 3.3 | 2.4  | 3.4 | 7.6  | 3.9  | 11.0   | 3.7   | 64.7 | 3.3 | 32.0 | 0.078 | 0.500       | 18.004090 | -101.961847 |
| X. C. Zihuatanejo - La Mira Este        | 282.37   | 1  | 0  | 5380 | 7.1                                  | 62.8 | 3.8 | 10.3 | 2.5 | 3.7  | 3.1  | 6.1    | 0.6   | 69.9 | 3.8 | 26.3 | 0.088 | 0.510       | 18.015037 | -101.958090 |
| X. C. Zihuatanejo - La Mira Este        | 282.37   | 3  | 0  | 4484 | 7.2                                  | 62.6 | 5.3 | 7.2  | 3.2 | 4.4  | 3.6  | 5.7    | 0.8   | 69.8 | 5.3 | 24.9 | 0.076 | 0.501       | 17.992024 | -101.969606 |
| X. C. Zihuatanejo - La Mira Oeste       | 306.47   | 3  | 1  | 7388 | 5.2                                  | 78.5 | 2.0 | 3.9  | 2.7 | 3.0  | 2.0  | 1.8    | 0.9   | 83.7 | 2.0 | 14.3 | 0.070 | 0.516       | 17.995559 | -102.172248 |
| X. C. Zihuatanejo - La Mira Oeste       | 306.47   | 3  | 2  | 6921 | 5.1                                  | 80.3 | 1.7 | 3.9  | 2.5 | 2.5  | 1.8  | 1.4    | 0.8   | 85.4 | 1.7 | 12.9 | 0.097 | 0.516       | 17.995447 | -102.172122 |
| Lim. Edos. Term. Gro. Ppia. Mich.       | 307.00   | 0  | 0  |      |                                      |      |     |      |     |      |      |        |       |      |     |      |       |             |           |             |
| T. Der. Acceso 8 Puerto Lázaro Cárdenas | 309.60   | 3  | 1  | 7777 | 5.7                                  | 80.0 | 2.1 | 2.3  | 2.2 | 2.7  | 2.7  | 1.4    | 0.9   | 85.7 | 2.1 | 12.2 | 0.084 | 0.527       | 17.976548 | -102.188026 |
| T. Der. Acceso 8 Puerto Lázaro Cárdenas | 309.60   | 3  | 2  | 6976 | 5.6                                  | 81.3 | 1.8 | 2.0  | 1.9 | 2.7  | 2.4  | 1.4    | 0.9   | 86.9 | 1.8 | 11.3 | 0.078 | 0.527       | 17.976550 | -102.187703 |
| Lázaro Cárdenas                         | 311.30   | 0  | 0  |      |                                      |      |     |      |     |      |      |        |       |      |     |      |       |             |           |             |

MICHOACAN

34 CARR: Pátzcuaro - Uruapan (Cuota)

CLAVE: 16011

RUTA: MEX-014D

AÑO: 2022

| 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 - Tzurumútaró                  | 48.00    | 3  | 1  | 7768  | 1.8                                  | 74.3 | 4.2 | 9.0  | 1.8 | 4.0  | 1.4  | 2.9    | 0.6   | 76.1 | 4.2         | 19.7 | 0.099 | 0.511 | 19.513690 | -101.573618 |
| T. C. Morelia - Tzurumútaró                  | 48.00    | 3  | 2  | 7418  | 1.9                                  | 72.9 | 4.3 | 9.2  | 2.1 | 4.2  | 1.7  | 3.0    | 0.7   | 74.8 | 4.3         | 20.9 | 0.077 | 0.511 | 19.513693 | -101.573446 |
| X. C. Quiroga - Tepalcatepec                 | 53.80    | 3  | 1  | 6275  | 4.5                                  | 71.9 | 4.8 | 9.3  | 1.8 | 3.1  | 1.9  | 2.1    | 0.6   | 76.4 | 4.8         | 18.8 | 0.070 | 0.516 | 19.493190 | -101.609715 |
| X. C. Quiroga - Tepalcatepec                 | 53.80    | 3  | 2  | 6688  | 4.8                                  | 71.7 | 4.7 | 9.3  | 1.9 | 2.9  | 1.8  | 2.2    | 0.7   | 76.5 | 4.7         | 18.8 | 0.072 | 0.516 | 19.493046 | -101.609675 |
| Plaza de Cobro Zirahuén                      | 60.50    | 2  | 0  | 11699 | 0.4                                  | 71.8 | 3.1 | 4.7  | 3.1 | 6.9  | 2.1  | 5.9    | 2.0   | 72.2 | 3.1         | 24.7 | 0.080 | 0.500 | 19.505635 | -101.659359 |
| T. C. Pátzcuaro - Uruapan                    | 67.70    | 3  | 0  | 10322 | 2.4                                  | 73.5 | 4.2 | 9.0  | 1.7 | 5.2  | 1.8  | 1.4    | 0.8   | 75.9 | 4.2         | 19.9 | 0.076 | 0.508 | 19.463147 | -101.756075 |
| T. Izq. Jujúcato                             | 79.54    | 3  | 0  | 10430 | 1.6                                  | 71.1 | 4.4 | 10.0 | 1.9 | 4.3  | 1.9  | 3.9    | 0.9   | 72.7 | 4.4         | 22.9 | 0.077 | 0.511 | 19.434133 | -101.815668 |
| T. Der. San Angel Zurumucapio                | 87.50    | 3  | 0  | 10220 | 1.7                                  | 70.6 | 4.4 | 9.9  | 1.9 | 4.4  | 2.2  | 4.0    | 0.9   | 72.3 | 4.4         | 23.3 | 0.077 | 0.511 | 19.435978 | -101.889514 |
| T. C. Ent. Uruapan - Lazáro Cárdenas (Cuota) | 94.70    | 1  | 0  | 18683 | 1.5                                  | 74.3 | 4.1 | 8.3  | 1.5 | 4.1  | 1.8  | 3.6    | 0.8   | 75.8 | 4.1         | 20.1 | 0.076 | 0.505 | 19.420477 | -101.927245 |
| T. C. Ent. Uruapan - Lazáro Cárdenas (Cuota) | 94.70    | 3  | 0  | 20360 | 1.2                                  | 75.9 | 2.9 | 8.4  | 1.8 | 3.4  | 2.1  | 3.5    | 0.8   | 77.1 | 2.9         | 20.0 | 0.083 | 0.511 | 19.416535 | -101.954845 |
| T. C. Ent. Carapan - Playa Azul              | 108.00   | 0  | 0  |       |                                      |      |     |      |     |      |      |        |       |      |             |      |       |       |           |             |

35 CARR: Uruapan - Nueva Italia (Cuota)

CLAVE: 00032

RUTA: MEX-037D

AÑO: 2022

| 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. Pátzcuaro - Uruapan (Cuota) | 94.70    | 3  | 0  | 8409 | 3.1                                  | 75.9 | 3.0 | 6.6 | 2.3 | 3.5  | 2.6  | 2.2    | 0.8   | 79.0 | 3.0         | 18.0 | 0.077 | 0.530 | 19.388453 | -101.939630 |
| Plaza de Cobro Taretán                 | 102.30   | 2  | 0  | 9598 | 0.6                                  | 71.7 | 2.9 | 4.0 | 3.9 | 5.5  | 2.5  | 6.5    | 2.4   | 72.3 | 2.9         | 24.8 | 0.081 | 0.500 | 19.355375 | -101.918026 |
| Plaza de Cobro Taretán                 | 102.30   | 3  | 0  | 9847 | 2.6                                  | 74.4 | 3.7 | 6.7 | 2.1 | 3.4  | 2.8  | 3.4    | 0.9   | 77.0 | 3.7         | 19.3 | 0.088 | 0.509 | 19.349561 | -101.913175 |
| T. Der. Taretán                        | 109.30   | 3  | 0  | 8579 | 1.9                                  | 76.4 | 3.9 | 6.5 | 1.9 | 2.5  | 2.0  | 4.1    | 0.8   | 78.3 | 3.9         | 17.8 | 0.100 | 0.508 | 19.301462 | -101.882321 |
| T. Der. Los Cajones                    | 122.60   | 3  | 0  | 7142 | 1.9                                  | 76.3 | 5.3 | 6.0 | 2.0 | 2.3  | 2.1  | 3.2    | 0.9   | 78.2 | 5.3         | 16.5 | 0.093 | 0.508 | 19.200457 | -101.911650 |
| Plaza de Cobro Santa Casilda           | 132.20   | 2  | 0  | 8368 | 0.6                                  | 69.7 | 3.4 | 3.3 | 4.1 | 6.0  | 2.9  | 7.4    | 2.6   | 70.3 | 3.4         | 26.3 | 0.081 | 0.500 | 19.152947 | -101.978122 |
| Plaza de Cobro Santa Casilda           | 132.20   | 3  | 0  | 6889 | 2.1                                  | 74.1 | 6.3 | 6.1 | 2.5 | 2.5  | 2.3  | 3.2    | 0.9   | 76.2 | 6.3         | 17.5 | 0.069 | 0.506 | 19.149185 | -101.981474 |
| T. Der. Apatzingán                     | 153.90   | 1  | 0  | 7975 | 8.5                                  | 68.7 | 4.1 | 7.0 | 2.5 | 3.2  | 0.5  | 4.6    | 0.9   | 77.2 | 4.1         | 18.7 | 0.069 | 0.516 | 18.996352 | -102.083083 |

36 CARR: Apatzingán - Aguililla

CLAVE: 16591

RUTA: MICH

AÑO: 2022

| 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    |
| Apatzingán | 0.00     | 3  | 0  | 7875 | 9.4                                  | 82.7 | 0.6 | 5.2 | 0.8 | 0.6  | 0.5  | 0.2    | 0.0   | 92.1 | 0.6         | 7.3 | 0.090 | 0.511 | 19.089978 | -102.384612 |
| Aguililla  | 85.00    | 0  | 0  |      |                                      |      |     |     |     |      |      |        |       |      |             |     |       |       |           |             |



MICHOACAN

37 CARR: Comanja - Huaniqueo

CLAVE: 16024

RUTA: MICH-024

AÑO: 2022

| 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 - Jiquilpan | 0.00     | 3  | 0  | 1863 | 5.3                                  | 86.1 | 1.2 | 5.0  | 1.3 | 0.6  | 0.2  | 0.2    | 0.1   | 91.4 | 1.2         | 7.4  | 0.104 | 0.513 | 19.749232 | -101.684930 |
| Huaniqueo                 | 27.10    | 1  | 0  | 2257 | 6.8                                  | 77.9 | 1.2 | 11.3 | 1.1 | 1.4  | 0.2  | 0.0    | 0.1   | 84.7 | 1.2         | 14.1 | 0.106 | 0.505 | 19.885466 | -101.508706 |

38 CARR: Cotija - Emiliano Zapata

CLAVE: 16024

RUTA: MICH

AÑO: 2022

| 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. Tocombo - Cotija    | 0.00     | 3  | 0  | 2403 | 10.2                                 | 75.3 | 0.8 | 10.3 | 1.8 | 0.7  | 0.8  | 0.1    | 0.0   | 85.5 | 0.8         | 13.7 | 0.102 | 0.514 | 19.803436 | -102.662446 |
| T. C. Morelia - Jiquilpan | 30.00    | 1  | 0  | 4114 | 4.3                                  | 79.4 | 1.5 | 10.9 | 1.8 | 1.0  | 0.7  | 0.1    | 0.3   | 83.7 | 1.5         | 14.8 | 0.089 | 0.507 | 19.980516 | -102.611521 |

39 CARR: Cuitzeo - Zinápapo

CLAVE: 16027

RUTA: MICH-027

AÑO: 2022

| 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    |
| Cuitzeo        | 0.00     | 3  | 1  | 1377 | 8.1                                  | 87.0 | 0.5 | 3.0  | 0.7 | 0.3  | 0.2  | 0.1    | 0.1   | 95.1 | 0.5         | 4.4  | 0.102 | 0.505 | 19.969813 | -101.153494 |
| Cuitzeo        | 0.00     | 3  | 2  | 1403 | 8.0                                  | 86.8 | 0.5 | 3.2  | 0.7 | 0.3  | 0.3  | 0.1    | 0.1   | 94.8 | 0.5         | 4.7  | 0.096 | 0.505 | 19.969811 | -101.153499 |
| Puruándiro     | 61.00    | 1  | 0  | 5850 | 5.6                                  | 83.0 | 0.8 | 5.9  | 1.1 | 1.9  | 0.7  | 0.4    | 0.6   | 88.6 | 0.8         | 10.6 | 0.097 | 0.501 | 20.091106 | -101.494083 |
| Puruándiro     | 61.00    | 3  | 0  | 6103 | 6.1                                  | 83.7 | 0.7 | 4.9  | 1.5 | 2.0  | 0.5  | 0.4    | 0.2   | 89.8 | 0.7         | 9.5  | 0.084 | 0.503 | 20.093496 | -101.530433 |
| T. Izq. Zacapu | 79.00    | 3  | 0  | 2161 | 4.2                                  | 79.6 | 0.5 | 11.3 | 2.1 | 1.4  | 0.6  | 0.2    | 0.1   | 83.8 | 0.5         | 15.7 | 0.099 | 0.500 | 20.141631 | -101.655708 |
| Zinápapo       | 123.70   | 1  | 0  | 2144 | 4.4                                  | 81.3 | 1.0 | 9.6  | 2.0 | 1.1  | 0.1  | 0.1    | 0.4   | 85.7 | 1.0         | 13.3 | 0.100 | 0.513 | 20.163668 | -101.984694 |

40 CARR: El Correo - Lagunillas

CLAVE: 16014

RUTA: MICH

AÑO: 2022

| 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    |
| El Correo                 | 0.00     | 3  | 0  | 1923 | 3.8                                  | 83.8 | 1.9 | 4.8 | 3.1 | 1.2  | 1.1  | 0.1    | 0.2   | 87.6 | 1.9         | 10.5 | 0.100 | 0.501 | 19.620879 | -101.425544 |
| T. C. Morelia - Pátzcuaro | 10.60    | 1  | 0  | 3317 | 4.0                                  | 87.4 | 1.4 | 3.1 | 2.4 | 0.9  | 0.6  | 0.1    | 0.1   | 91.4 | 1.4         | 7.2  | 0.095 | 0.533 | 19.560648 | -101.422081 |

41 CARR: El Temascal - El Limón

CLAVE: 16014

RUTA: MICH

AÑO: 2022

| 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    |
| El Temascal   | 0.00     | 3  | 0  | 1436 | 6.8                                  | 77.5 | 0.6 | 11.9 | 1.4 | 1.3  | 0.3  | 0.1    | 0.1   | 84.3 | 0.6         | 15.1 | 0.086 | 0.504 | 19.649394 | -100.954981 |
| Ent. El Limón | 92.30    | 1  | 0  | 1504 | 11.3                                 | 85.2 | 0.1 | 1.7  | 1.0 | 0.4  | 0.2  | 0.1    | 0.0   | 96.5 | 0.1         | 3.4  | 0.074 | 0.508 | 19.027296 | -100.743446 |

MICHOACAN

42 CARR: Gabriel Zamora - Dr. Miguel Silva

CLAVE: 00032

RUTA: MICH

AÑO: 2022

| 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    |
| Gabriel Zamora   | 0.00     | 3  | 0  | 3200 | 20.0                                 | 69.3 | 0.5 | 6.1 | 1.0 | 2.3  | 0.5  | 0.1    | 0.2   | 89.3 | 0.5 | 10.2 | 0.089 | 0.511       | 19.159192 | -102.038875 |
| Dr. Miguel Silva | 55.20    | 1  | 0  | 2822 | 5.1                                  | 80.6 | 0.9 | 9.7 | 1.6 | 0.8  | 0.7  | 0.3    | 0.3   | 85.7 | 0.9 | 13.4 | 0.085 | 0.509       | 19.175807 | -101.723845 |

43 CARR: Jacona - Buenavista Tomatlán

CLAVE: 16016

RUTA: MICH-016

AÑO: 2022

| 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    |
| Jacona                   | 0.00     | 3  | 0  | 6887  | 4.3                                  | 78.9 | 1.4 | 10.7 | 2.3 | 1.2  | 0.7  | 0.2    | 0.3   | 83.2 | 1.4 | 15.4 | 0.097 | 0.503       | 19.934605 | -102.327332 |
| T. Der. Cotija de La Paz | 47.00    | 1  | 0  | 7052  | 3.6                                  | 76.2 | 1.4 | 12.4 | 2.8 | 1.8  | 1.0  | 0.4    | 0.4   | 79.8 | 1.4 | 18.8 | 0.078 | 0.507       | 19.698545 | -102.493321 |
| Los Reyes de Salgado     | 60.00    | 1  | 0  | 14367 | 2.8                                  | 84.3 | 1.1 | 7.4  | 1.5 | 1.8  | 0.5  | 0.4    | 0.2   | 87.1 | 1.1 | 11.8 | 0.097 | 0.505       | 19.626504 | -102.488301 |
| Los Reyes de Salgado     | 60.00    | 3  | 0  | 18428 | 3.6                                  | 82.1 | 0.7 | 7.1  | 1.8 | 2.1  | 1.1  | 0.6    | 0.9   | 85.7 | 0.7 | 13.6 | 0.072 | 0.507       | 19.566623 | -102.458090 |
| Peribán de Ramos         | 70.00    | 1  | 0  | 14266 | 5.1                                  | 83.2 | 0.6 | 7.0  | 1.5 | 1.6  | 0.2  | 0.6    | 0.2   | 88.3 | 0.6 | 11.1 | 0.080 | 0.507       | 19.552982 | -102.445232 |
| Peribán de Ramos         | 70.00    | 3  | 0  | 4339  | 2.6                                  | 81.5 | 1.5 | 9.4  | 1.9 | 1.4  | 0.9  | 0.6    | 0.2   | 84.1 | 1.5 | 14.4 | 0.100 | 0.507       | 19.500842 | -102.428273 |
| Buenavista               | 123.00   | 1  | 0  | 3704  | 5.8                                  | 80.2 | 1.3 | 7.1  | 2.9 | 1.4  | 0.8  | 0.3    | 0.2   | 86.0 | 1.3 | 12.7 | 0.080 | 0.501       | 19.239662 | -102.582133 |

44 CARR: La Paz - Tepetongo

CLAVE: 16557

RUTA: MICH

AÑO: 2022

| 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. La Noria - Acámbaro | 0.00     | 3  | 0  | 3009 | 2.0                                  | 87.2 | 0.7 | 7.9 | 1.2 | 0.4  | 0.3  | 0.2    | 0.1   | 89.2 | 0.7 | 10.1 | 0.121 | 0.504       | 20.170539 | -100.283019 |
| Hepitacio Huerta          | 5.20     | 3  | 0  | 3851 | 2.9                                  | 85.9 | 0.9 | 7.9 | 0.9 | 0.7  | 0.5  | 0.1    | 0.2   | 88.8 | 0.9 | 10.3 | 0.101 | 0.508       | 20.133912 | -100.303851 |
| Tepetongo                 | 45.00    | 1  | 0  | 2186 | 4.3                                  | 87.0 | 0.7 | 6.1 | 0.5 | 1.1  | 0.1  | 0.1    | 0.1   | 91.3 | 0.7 | 8.0  | 0.096 | 0.537       | 19.897212 | -100.153077 |

45 CARR: Libramiento de Uruapan

CLAVE: 16425

RUTA: MICH

AÑO: 2022

| 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. Pátzcuaro - Uruapan  | 0.00     | 3  | 1  | 15178 | 5.8                                  | 79.5 | 1.7 | 9.4 | 2.0 | 0.8  | 0.5  | 0.2    | 0.1   | 85.3 | 1.7 | 13.0 | 0.070 | 0.522       | 19.428999 | -102.025102 |
| T. C. Pátzcuaro - Uruapan  | 0.00     | 3  | 2  | 16589 | 5.9                                  | 79.2 | 1.8 | 9.5 | 2.1 | 0.8  | 0.5  | 0.1    | 0.1   | 85.1 | 1.8 | 13.1 | 0.071 | 0.522       | 19.430032 | -102.024964 |
| T. C. Carapan - Playa Azul | 9.70     | 1  | 1  | 9974  | 5.8                                  | 80.5 | 0.6 | 9.1 | 1.7 | 1.2  | 0.5  | 0.3    | 0.3   | 86.3 | 0.6 | 13.1 | 0.079 | 0.502       | 19.371670 | -102.054058 |
| T. C. Carapan - Playa Azul | 9.70     | 1  | 2  | 10047 | 5.7                                  | 79.8 | 0.8 | 9.2 | 1.9 | 1.4  | 0.5  | 0.4    | 0.3   | 85.5 | 0.8 | 13.7 | 0.100 | 0.502       | 19.371231 | -102.054133 |

MICHOACAN

46 CARR: Pátzcuaro - Chupicuaro

CLAVE: 16241

RUTA: MICH

AÑO: 2022

| 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    |
| Pátzcuaro     | 0.00     | 3  | 0  | 6590 | 6.3                                  | 90.4 | 0.7 | 1.6  | 0.2 | 0.2  | 0.1  | 0.2    | 0.3   | 96.7 | 0.7 | 2.6  | 0.074 | 0.524       | 19.540931 | -101.621660 |
| Erongaricuaro | 17.00    | 1  | 0  | 4956 | 4.4                                  | 83.4 | 0.8 | 10.5 | 0.9 | 0.0  | 0.0  | 0.0    | 0.0   | 87.8 | 0.8 | 11.4 | 0.086 | 0.516       | 19.581257 | -101.721281 |
| Chupicuaro    | 41.80    | 1  | 0  | 2558 | 4.2                                  | 89.3 | 0.3 | 4.0  | 0.3 | 1.4  | 0.5  | 0.0    | 0.0   | 93.5 | 0.3 | 6.2  | 0.088 | 0.506       | 19.681577 | -101.580910 |

47 CARR: Ramal a Coahuayana

CLAVE: 16069

RUTA: MICH-069

AÑO: 2022

| 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. Playa Azul - Manzanillo | 0.00     | 3  | 0  | 3803 | 7.3                                  | 78.0 | 1.9 | 9.7 | 1.4 | 1.3  | 0.2  | 0.1    | 0.1   | 85.3 | 1.9 | 12.8 | 0.100 | 0.508       | 18.710271 | -103.708629 |
| Coahuayana                         | 6.50     | 0  | 0  |      |                                      |      |     |     |     |      |      |        |       |      |     |      |       |             |           |             |

48 CARR: Ramal a Infiernillo

CLAVE: 16010

RUTA: MICH-010

AÑO: 2022

| 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. Carapan - Playa Azul | 0.00     | 3  | 0  | 82   | 12.4                                 | 81.1 | 1.2 | 4.8 | 0.5 | 0.0  | 0.0  | 0.0    | 0.0   | 93.5 | 1.2 | 5.3 | 0.159 | 0.525       | 18.521593 | -101.980200 |
| Infiernillo                | 43.00    | 0  | 0  |      |                                      |      |     |     |     |      |      |        |       |      |     |     |       |             |           |             |

49 CARR: San Felipe Alzati - Angangueo

CLAVE: 16556

RUTA: MICH-044

AÑO: 2022

| 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. Toluca - Morelia | 0.00     | 3  | 0  | 3978 | 5.1                                  | 88.9 | 0.3 | 2.0 | 1.6 | 1.2  | 0.4  | 0.2    | 0.3   | 94.0 | 0.3 | 5.7 | 0.077 | 0.500       | 19.499004 | -100.377862 |
| Angangueo              | 24.00    | 1  | 0  | 3499 | 2.2                                  | 93.7 | 0.1 | 2.3 | 0.5 | 0.5  | 0.3  | 0.3    | 0.1   | 95.9 | 0.1 | 4.0 | 0.068 | 0.502       | 19.614069 | -100.323167 |

50 CARR: San Juan Tumbio - Cherán

CLAVE: 16556

RUTA: MICH

AÑO: 2022

| 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 Juan Tumbio | 0.00     | 3  | 0  | 2426 | 3.8                                  | 86.9 | 1.6 | 4.0 | 2.4 | 0.4  | 0.3  | 0.4    | 0.2   | 90.7 | 1.6 | 7.7 | 0.098 | 0.502       | 19.513971 | -101.761677 |
| Nahuatzen       | 28.50    | 3  | 0  | 4834 | 8.0                                  | 83.5 | 1.2 | 3.0 | 1.9 | 1.0  | 0.2  | 0.8    | 0.4   | 91.5 | 1.2 | 7.3 | 0.096 | 0.501       | 19.657543 | -101.927701 |
| Cherán          | 35.80    | 1  | 0  | 4185 | 9.2                                  | 83.8 | 1.0 | 2.8 | 0.3 | 1.0  | 0.6  | 0.7    | 0.6   | 93.0 | 1.0 | 6.0 | 0.093 | 0.528       | 19.667618 | -101.943398 |

MICHOACAN

51 CARR: T. C. (Carapan - Playa Azul) - Peribán de Ramos

CLAVE: 16556

RUTA: MICH

AÑO: 2022

| 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. Carapan - Playa Azul | 0.00     | 3  | 0  | 7684 | 1.9                                  | 74.1 | 1.8 | 15.7 | 2.9 | 1.5  | 1.2  | 0.7    | 0.2   | 76.0 | 1.8 | 22.2 | 0.084 | 0.501       | 19.530218 | -102.078929 |
| Peribán de Ramos           | 50.00    | 1  | 0  | 5627 | 1.8                                  | 77.0 | 0.7 | 12.0 | 2.0 | 3.7  | 1.2  | 1.0    | 0.6   | 78.8 | 0.7 | 20.5 | 0.080 | 0.507       | 19.549343 | -102.404936 |

52 CARR: T. C. (Toluca - Morelia) - Maravatío

CLAVE: 16584

RUTA: MICH-122

AÑO: 2022

| 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. Toluca - Morelia | 0.00     | 3  | 0  | 10460 | 1.7                                  | 87.7 | 0.6 | 6.6 | 1.2 | 1.0  | 0.8  | 0.1    | 0.3   | 89.4 | 0.6 | 10.0 | 0.080 | 0.505       | 19.686959 | -100.515885 |
| T. Der. Aporo          | 10.00    | 1  | 0  | 9317  | 4.0                                  | 82.0 | 0.9 | 9.2 | 1.6 | 1.0  | 0.7  | 0.2    | 0.4   | 86.0 | 0.9 | 13.1 | 0.083 | 0.500       | 19.699605 | -100.473802 |
| T. Der. Aporo          | 10.00    | 3  | 0  | 7340  | 3.1                                  | 83.3 | 1.0 | 7.4 | 2.6 | 1.2  | 0.9  | 0.4    | 0.1   | 86.4 | 1.0 | 12.6 | 0.088 | 0.513       | 19.705875 | -100.468298 |
| T. Der. Seguío         | 14.00    | 3  | 0  | 6245  | 3.1                                  | 87.2 | 0.7 | 4.2 | 2.3 | 1.2  | 0.8  | 0.4    | 0.1   | 90.3 | 0.7 | 9.0  | 0.072 | 0.508       | 19.740299 | -100.461447 |
| Maravatío de Ocampo    | 28.00    | 1  | 0  | 8854  | 2.0                                  | 82.3 | 0.9 | 9.8 | 2.2 | 1.3  | 1.1  | 0.3    | 0.1   | 84.3 | 0.9 | 14.8 | 0.079 | 0.514       | 19.877439 | -100.451125 |

53 CARR: T. C. (V. Victoria - El Oro de Hidalgo) - Angangueo

CLAVE: 00195

RUTA: EM-003-MICH

AÑO: 2022

| 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. V. Victoria - El Oro de Hidalgo | 0.00     | 3  | 1  | 5009 | 2.6                                  | 91.8 | 0.8 | 2.9 | 1.1 | 0.3  | 0.2  | 0.2    | 0.1   | 94.4 | 0.8 | 4.8 | 0.107 | 0.516       | 19.647948 | -100.128174 |
| T. C. V. Victoria - El Oro de Hidalgo | 0.00     | 3  | 2  | 5337 | 2.4                                  | 92.0 | 0.8 | 3.0 | 1.0 | 0.3  | 0.2  | 0.2    | 0.1   | 94.4 | 0.8 | 4.8 | 0.110 | 0.516       | 19.647866 | -100.128165 |
| Lim. Edos. Term. Méx. Ppia. Mich.     | 17.70    | 0  | 0  |      |                                      |      |     |     |     |      |      |        |       |      |     |     |       |             |           |             |
| Angangueo                             | 24.00    | 1  | 0  | 764  | 2.8                                  | 90.3 | 1.7 | 3.5 | 0.6 | 0.3  | 0.4  | 0.3    | 0.1   | 93.1 | 1.7 | 5.2 | 0.119 | 0.518       | 19.651716 | -100.266094 |

54 CARR: Tepalcatepec - Aquila

CLAVE: 16421

RUTA: MICH

AÑO: 2022

| 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    |
| Tepalcatepec                  | 0.00     | 3  | 0  | 4503 | 16.3                                 | 68.3 | 2.1 | 3.9 | 2.0 | 2.3  | 1.9  | 2.4    | 0.8   | 84.6 | 2.1 | 13.3 | 0.087 | 0.507       | 19.164022 | -102.851404 |
| Coalcomán de Vázquez Pallares | 70.30    | 1  | 0  | 1647 | 13.8                                 | 66.7 | 1.9 | 7.8 | 4.4 | 2.8  | 1.9  | 0.1    | 0.6   | 80.5 | 1.9 | 17.6 | 0.103 | 0.503       | 18.805527 | -103.146844 |
| Aquila                        | 160.20   | 1  | 0  | 726  | 7.6                                  | 80.4 | 0.1 | 3.9 | 1.4 | 2.8  | 1.8  | 1.9    | 0.1   | 88.0 | 0.1 | 11.9 | 0.092 | 0.501       | 18.598897 | -103.498189 |

55 CARR: Tiripetío - Eréndira

CLAVE: 16422

RUTA: MICH

AÑO: 2022

| 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 - Pátzcuaro | 0.00     | 3  | 0  | 9313 | 2.3                                  | 88.9 | 1.0 | 4.1 | 1.7 | 1.0  | 0.6  | 0.4    | 0.0   | 91.2 | 1.0 | 7.8 | 0.077 | 0.503       | 19.534018 | -101.351457 |

MICHOACAN

55 CARR: Tiripetío - Eréndira

CLAVE: 16422

RUTA: MICH

AÑO: 2022

| 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    |
| Acuitzio del Canje               | 7.90     | 3  | 0  | 5612 | 7.1                                  | 81.3 | 1.2 | 5.4  | 2.1 | 1.4  | 0.9  | 0.6    | 0.0   | 88.4 | 1.2 | 10.4 | 0.091 | 0.505       | 19.474159 | -101.332864 |
| Villa Madero                     | 23.20    | 1  | 0  | 6004 | 5.4                                  | 82.9 | 1.0 | 5.6  | 2.3 | 1.3  | 0.7  | 0.8    | 0.0   | 88.3 | 1.0 | 10.7 | 0.085 | 0.508       | 19.397802 | -101.283624 |
| T. C. Zitácuaro - Cd. Altamirano | 150.00   | 1  | 0  | 1344 | 3.8                                  | 78.3 | 3.8 | 11.7 | 0.8 | 1.2  | 0.1  | 0.3    | 0.0   | 82.1 | 3.8 | 14.1 | 0.091 | 0.515       | 18.828506 | -100.934067 |

56 CARR: Tocombo - Cotija

CLAVE: 16042

RUTA: MICH-042

AÑO: 2022

| 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. Jacona - Buenavista | 0.00     | 3  | 0  | 4079 | 4.1                                  | 84.1 | 1.5 | 5.3 | 2.1 | 1.6  | 1.1  | 0.1    | 0.1   | 88.2 | 1.5 | 10.3 | 0.079 | 0.509       | 19.697771 | -102.495616 |
| Cotija de La Paz          | 28.99    | 0  | 0  |      |                                      |      |     |     |     |      |      |        |       |      |     |      |       |             |           |             |

57 CARR: Ucareo - T. C. (Toluca - Morelia)

CLAVE: 00448

RUTA: MICH

AÑO: 2022

| 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    |
| Ucareo                      | 0.00     | 3  | 0  | 1963 | 7.4                                  | 83.4 | 1.3 | 6.5  | 1.0 | 0.2  | 0.1  | 0.1    | 0.0   | 90.8 | 1.3 | 7.9  | 0.104 | 0.525       | 19.892141 | -100.674019 |
| T. Izq. Jarahuaro de Juárez | 4.00     | 1  | 0  | 2892 | 7.6                                  | 84.2 | 1.0 | 4.7  | 1.3 | 0.5  | 0.3  | 0.4    | 0.0   | 91.8 | 1.0 | 7.2  | 0.107 | 0.513       | 19.883174 | -100.659109 |
| T. Izq. Jarahuaro de Juárez | 4.00     | 3  | 0  | 782  | 9.4                                  | 84.6 | 0.9 | 2.0  | 1.9 | 0.3  | 0.7  | 0.2    | 0.0   | 94.0 | 0.9 | 5.1  | 0.170 | 0.507       | 19.879554 | -100.652120 |
| San Pedro Jácuaró           | 33.00    | 1  | 0  | 974  | 1.8                                  | 92.3 | 0.6 | 2.4  | 1.5 | 1.1  | 0.3  | 0.0    | 0.0   | 94.1 | 0.6 | 5.3  | 0.089 | 0.524       | 19.729613 | -100.658168 |
| San Pedro Jácuaró           | 33.00    | 3  | 0  | 3990 | 5.8                                  | 70.9 | 9.4 | 11.7 | 1.2 | 0.4  | 0.1  | 0.4    | 0.1   | 76.7 | 9.4 | 13.9 | 0.077 | 0.523       | 19.712018 | -100.634807 |

58 CARR: Uruapan - El Copetiro

CLAVE: 00448

RUTA: MICH

AÑO: 2022

| 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    |
| Uruapan                  | 0.00     | 3  | 0  | 8808 | 1.7                                  | 83.4 | 0.9 | 10.3 | 1.3 | 1.3  | 0.5  | 0.3    | 0.3   | 85.1 | 0.9 | 14.0 | 0.076 | 0.510       | 19.381512 | -102.080818 |
| San Juan Parangaricutiro | 12.50    | 3  | 0  | 6184 | 5.6                                  | 73.4 | 1.7 | 14.5 | 1.3 | 2.5  | 0.4  | 0.3    | 0.3   | 79.0 | 1.7 | 19.3 | 0.082 | 0.516       | 19.411467 | -102.144031 |
| El Copetiro              | 62.50    | 1  | 0  | 2241 | 4.6                                  | 72.5 | 1.6 | 16.0 | 2.7 | 1.9  | 0.5  | 0.1    | 0.1   | 77.1 | 1.6 | 21.3 | 0.108 | 0.509       | 19.454934 | -102.454296 |

59 CARR: Zacapu - Villachuato

CLAVE: 16039

RUTA: MICH-039

AÑO: 2022

| 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    |
| Zacapu | 0.00     | 3  | 1  | 5496 | 16.3                                 | 73.0 | 1.5 | 5.4 | 1.4 | 1.0  | 0.8  | 0.5    | 0.1   | 89.3 | 1.5 | 9.2 | 0.091 | 0.502       | 19.836719 | -101.769254 |
| Zacapu | 0.00     | 3  | 2  | 5453 | 16.3                                 | 73.1 | 1.6 | 5.4 | 1.3 | 1.0  | 0.8  | 0.4    | 0.1   | 89.4 | 1.6 | 9.0 | 0.123 | 0.502       | 19.836709 | -101.769249 |

MICHOACAN

59 CARR: Zacapu - Villachuato

CLAVE: 16039

RUTA: MICH-039

AÑO: 2022

| 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. Villa Jiménez Norte | 18.00    | 1  | 0  | 3536 | 4.6                                  | 85.5 | 1.4 | 3.5  | 1.7 | 1.9  | 0.5  | 0.7    | 0.2   | 90.1 | 1.4 | 8.5  | 0.091 | 0.533       | 19.951804 | -101.757898 |
| Panindícuaro                | 21.00    | 3  | 0  | 4183 | 6.1                                  | 75.5 | 1.0 | 11.3 | 1.4 | 3.2  | 0.8  | 0.2    | 0.5   | 81.6 | 1.0 | 17.4 | 0.099 | 0.507       | 19.982187 | -101.745636 |
| T. C. Cuitzeo - Zinápapo    | 43.00    | 1  | 0  | 1633 | 3.5                                  | 68.9 | 3.8 | 13.7 | 4.8 | 3.5  | 0.9  | 0.6    | 0.3   | 72.4 | 3.8 | 23.8 | 0.062 | 0.503       | 20.137022 | -101.655410 |

60 CARR: Zicuirán - Churumuco

CLAVE: 16242

RUTA: MICH

AÑO: 2022

| 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    |
| Zicuirán  | 0.00     | 3  | 0  | 1244 | 11.9                                 | 78.2 | 0.4 | 6.2 | 1.1 | 1.1  | 0.8  | 0.1    | 0.2   | 90.1 | 0.4 | 9.5 | 0.081 | 0.504       | 18.870091 | -101.956803 |
| Churumuco | 53.42    | 1  | 0  | 1404 | 5.5                                  | 86.2 | 0.5 | 3.9 | 0.9 | 2.4  | 0.4  | 0.1    | 0.1   | 91.7 | 0.5 | 7.8 | 0.076 | 0.545       | 18.667109 | -101.661758 |

61 CARR: Libramiento de la Piedad

CLAVE: 16015

RUTA: MICH-D

AÑO: 2022

| 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 Oriente  | 0.00     | 3  | 0  | 3748  | 4.9                                  | 66.1 | 6.4 | 6.1 | 9.2 | 5.2  | 1.2  | 0.6    | 0.3   | 71.0 | 6.4 | 22.6 | 0.072 | 0.523       | 20.352456 | -102.021407 |
| Plaza de Cobro Puente La Piedad       | 1.30     | 2  | 0  | 3402  | 1.6                                  | 66.4 | 5.3 | 7.3 | 6.7 | 10.2 | 1.6  | 0.3    | 0.6   | 68.0 | 5.3 | 26.7 | 0.062 | 0.500       | 20.352798 | -102.025149 |
| T. C. Irapuato - Zapotlanejo Poniente | 1.60     | 1  | 1  | 13598 | 8.8                                  | 83.8 | 0.9 | 3.4 | 1.0 | 1.2  | 0.4  | 0.4    | 0.1   | 92.6 | 0.9 | 6.5  | 0.088 | 0.526       | 20.351807 | -102.034168 |
| T. C. Irapuato - Zapotlanejo Poniente | 1.60     | 1  | 2  | 12266 | 8.9                                  | 83.4 | 1.0 | 3.7 | 1.2 | 1.2  | 0.2  | 0.3    | 0.1   | 92.3 | 1.0 | 6.7  | 0.090 | 0.526       | 20.351633 | -102.034047 |
| T. C. Irapuato - Zapotlanejo          | 3.00     | 0  | 0  |       |                                      |      |     |     |     |      |      |        |       |      |     |      |       |             |           |             |

62 CARR: Atlacomulco - Morelia

CLAVE: 00151

RUTA: EM-005-MEX-126

AÑO: 2022

| 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    |
| Atlacomulco                       | 0.00     | 3  | 1  | 24256 | 1.9                                  | 88.8 | 0.7 | 4.9 | 0.6 | 1.3  | 1.1  | 0.2    | 0.5   | 90.7 | 0.7 | 8.6  | 0.078 | 0.527       | 19.790306 | -99.891902  |
| Atlacomulco                       | 0.00     | 3  | 2  | 21744 | 1.8                                  | 89.2 | 0.7 | 4.7 | 0.5 | 1.2  | 1.2  | 0.2    | 0.5   | 91.0 | 0.7 | 8.3  | 0.071 | 0.527       | 19.790193 | -99.891822  |
| T. Izq. San Felipe del Progreso   | 3.60     | 3  | 0  | 21489 | 2.4                                  | 88.5 | 0.6 | 6.3 | 0.5 | 0.6  | 0.6  | 0.3    | 0.2   | 90.9 | 0.6 | 8.5  | 0.093 | 0.507       | 19.790268 | -99.908951  |
| T. Der. San Francisco Tepeolulco  | 13.10    | 1  | 0  | 12599 | 1.1                                  | 92.6 | 0.6 | 4.2 | 0.4 | 0.5  | 0.5  | 0.0    | 0.1   | 93.7 | 0.6 | 5.7  | 0.104 | 0.513       | 19.803105 | -99.979298  |
| T. Der. San Francisco Tepeolulco  | 13.10    | 3  | 0  | 12864 | 1.4                                  | 91.2 | 0.8 | 4.8 | 0.5 | 0.4  | 0.5  | 0.2    | 0.2   | 92.6 | 0.8 | 6.6  | 0.097 | 0.507       | 19.804639 | -99.989659  |
| T. Der. Temascalcingo             | 16.40    | 1  | 0  | 11414 | 1.6                                  | 91.0 | 0.7 | 4.6 | 0.6 | 0.5  | 0.6  | 0.2    | 0.2   | 92.6 | 0.7 | 6.7  | 0.092 | 0.515       | 19.807511 | -100.009349 |
| T. Der. Temascalcingo             | 16.40    | 3  | 0  | 8210  | 1.8                                  | 92.7 | 2.3 | 1.9 | 0.6 | 0.3  | 0.1  | 0.0    | 0.3   | 94.5 | 2.3 | 3.2  | 0.089 | 0.509       | 19.811312 | -100.027280 |
| El Oro de Hidalgo                 | 30.00    | 1  | 0  | 8488  | 1.2                                  | 89.7 | 1.2 | 4.3 | 0.4 | 1.9  | 1.0  | 0.1    | 0.2   | 90.9 | 1.2 | 7.9  | 0.119 | 0.504       | 19.807653 | -100.115226 |
| Lim. Edos. Term. Méx. Ppia. Mich. | 31.00    | 0  | 0  |       |                                      |      |     |     |     |      |      |        |       |      |     |      |       |             |           |             |
| Tlalpujahua                       | 37.00    | 3  | 0  | 6113  | 3.3                                  | 84.9 | 0.7 | 4.0 | 0.1 | 5.2  | 0.8  | 0.2    | 0.8   | 88.2 | 0.7 | 11.1 | 0.085 | 0.504       | 19.793946 | -100.188439 |

MICHOACAN

62 CARR: Atlacomulco - Morelia

CLAVE: 00151

RUTA: EM-005-MEX-126

AÑO: 2022

| 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 de Ocampo                    | 79.00    | 1  | 0  | 5636  | 3.3                                  | 86.8 | 0.7 | 2.3 | 0.3 | 4.8  | 0.8  | 0.2    | 0.8   | 90.1 | 0.7 | 9.2 | 0.092 | 0.514       | 19.884213 | -100.428606 |
| X. C. Ent. Huajúmbaro - San José       | 120.00   | 1  | 0  | 3882  | 2.7                                  | 88.1 | 1.8 | 3.6 | 1.7 | 1.3  | 0.5  | 0.3    | 0.0   | 90.8 | 1.8 | 7.4 | 0.087 | 0.507       | 19.822308 | -100.821865 |
| Queréndaro                             | 127.00   | 1  | 0  | 7577  | 3.0                                  | 87.0 | 2.7 | 4.6 | 1.2 | 0.7  | 0.5  | 0.3    | 0.0   | 90.0 | 2.7 | 7.3 | 0.086 | 0.502       | 19.806449 | -100.874506 |
| Zona Industrial Libramiento de Morelia | 167.70   | 1  | 1  | 23474 | 3.7                                  | 89.2 | 0.3 | 3.9 | 0.4 | 0.9  | 0.8  | 0.3    | 0.5   | 92.9 | 0.3 | 6.8 | 0.082 | 0.501       | 19.727387 | -101.139364 |
| Zona Industrial Libramiento de Morelia | 167.70   | 1  | 2  | 23590 | 3.7                                  | 89.1 | 0.3 | 3.9 | 0.5 | 0.9  | 0.8  | 0.3    | 0.5   | 92.8 | 0.3 | 6.9 | 0.093 | 0.501       | 19.727386 | -101.139361 |
| Morelia                                | 169.20   | 0  | 0  |       |                                      |      |     |     |     |      |      |        |       |      |     |     |       |             |           |             |

63 CARR: Opopeo - Puruarán

CLAVE: 16241

RUTA: MEX-041-MICH

AÑO: 2022

| 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. Quiroga - Tepalcatepec | 0.00     | 3  | 0  | 5412 | 3.8                                  | 87.5 | 1.7 | 3.8 | 1.1 | 0.9  | 0.7  | 0.3    | 0.2   | 91.3 | 1.7 | 7.0 | 0.078 | 0.508       | 19.416263 | -101.600831 |
| Tacambaro de Codallos        | 39.00    | 0  | 0  |      |                                      |      |     |     |     |      |      |        |       |      |     |     |       |             |           |             |
| Puruarán                     | 71.00    | 0  | 0  |      |                                      |      |     |     |     |      |      |        |       |      |     |     |       |             |           |             |

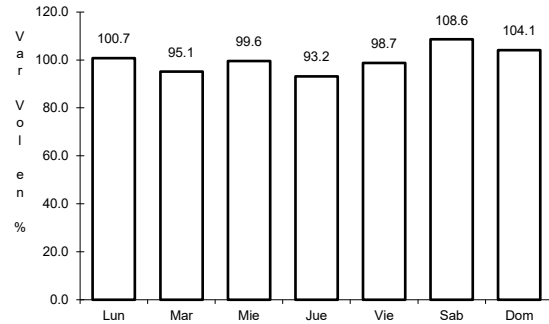




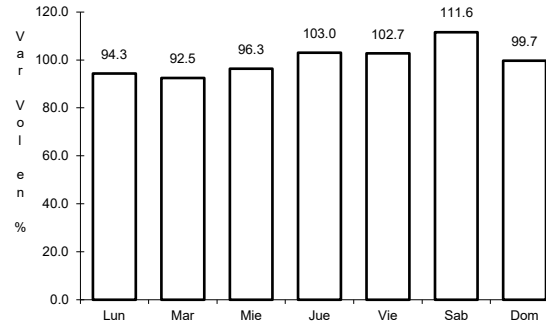
1 CARR: Acámbaro - Zinapécuaro

CLAVE: 00417

RUTA: MEX-120



Km: 0.00      Tipo: 3      Sent: 0

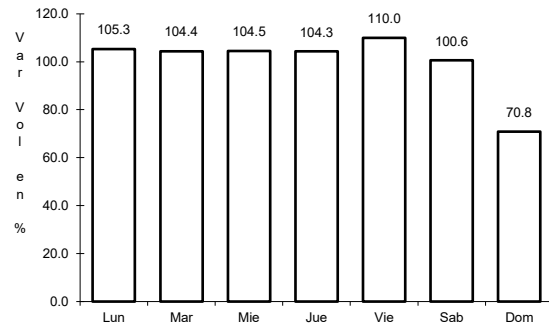


Km: 25.00      Tipo: 1      Sent: 0

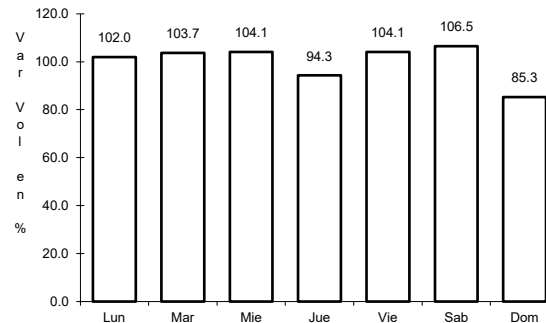
2 CARR: Carapan - Playa Azul

CLAVE: 16126

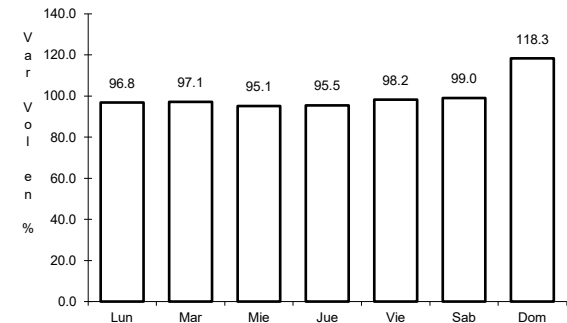
RUTA: MEX-037



Km: 0.00      Tipo: 3      Sent: 0



Km: 171.49      Tipo: 1      Sent: 0

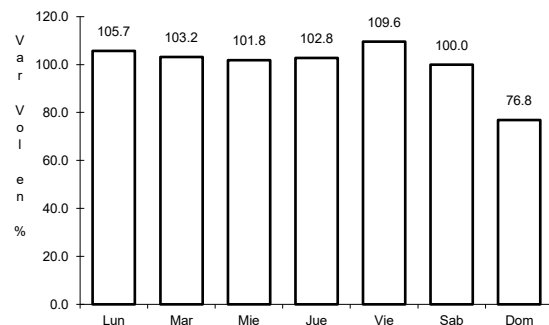


Km: 340.70      Tipo: 1      Sent: 0

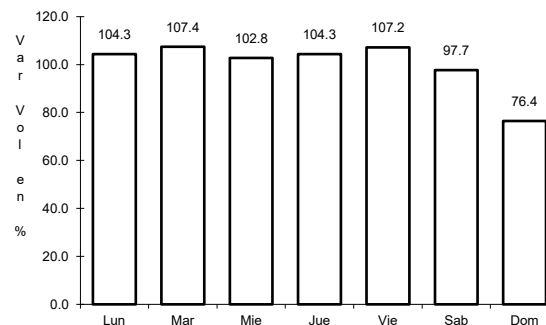
3 CARR: Ent. Patti - Sahuayo

CLAVE: 16181

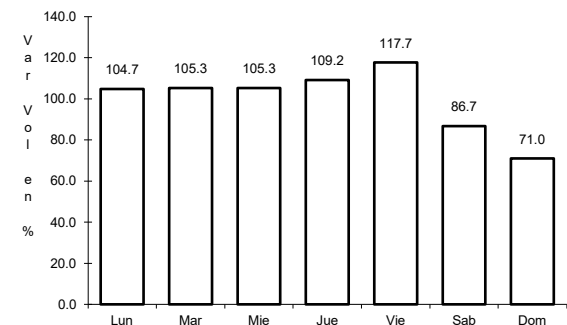
RUTA: MEX-110



Km: 0.00      Tipo: 3      Sent: 0



Km: 44.26      Tipo: 1      Sent: 0

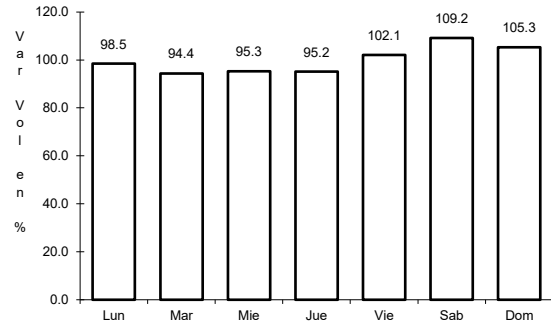


Km: 88.00      Tipo: 1      Sent: 0

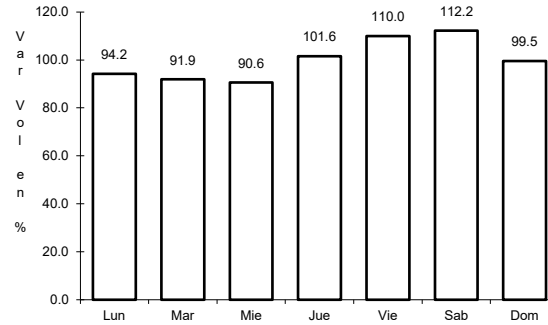
4 CARR: Ent. Playa Azul - Manzanillo

CLAVE: 00495

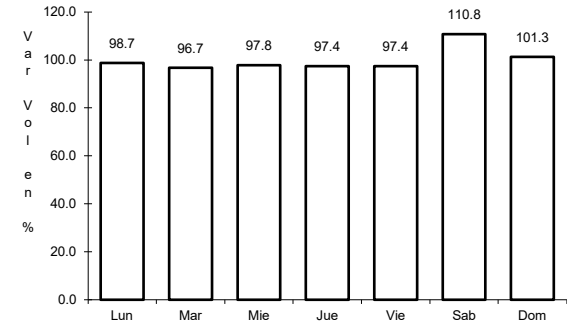
RUTA: MEX-200



Km: 0.00      Tipo: 3      Sent: 0



Km: 190.10      Tipo: 3      Sent: 0

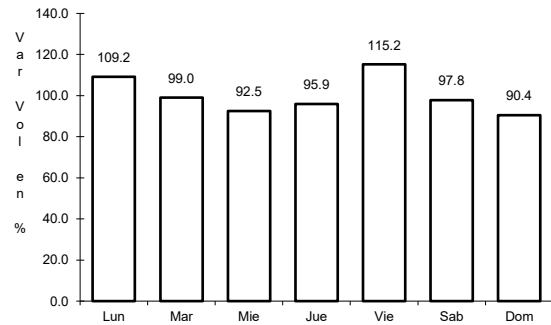


Km: 321.12      Tipo: 1      Sent: 0

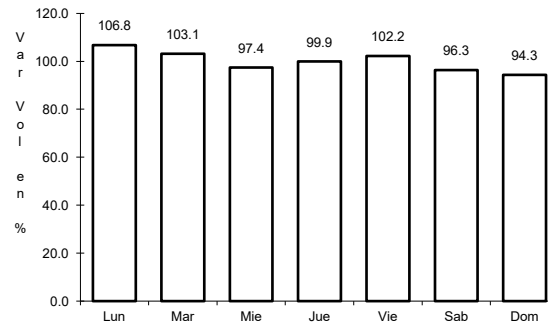
5 CARR: Huajúmbaro - San José

CLAVE: 16555

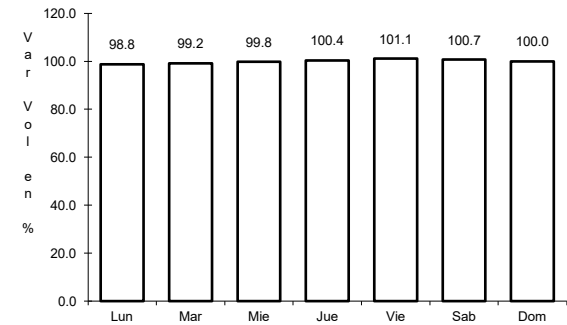
RUTA: MEX-051-120



Km: 0.00      Tipo: 3      Sent: 0



Km: 33.83      Tipo: 3      Sent: 0

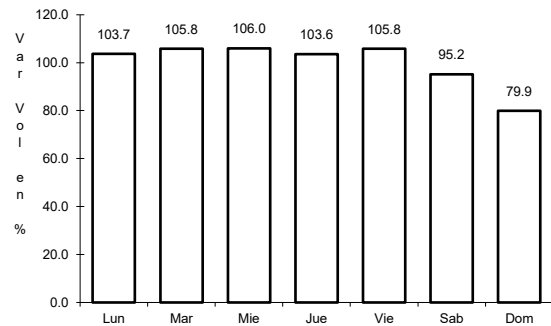


Km: 71.14      Tipo: 1      Sent: 0

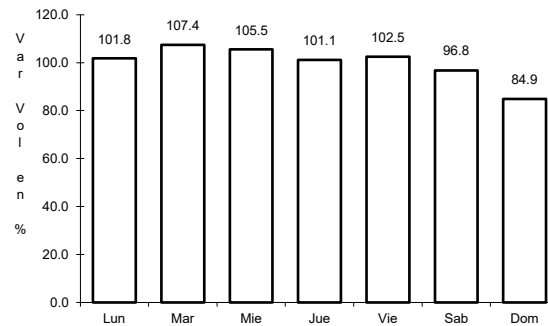
6 CARR: Irapuato - Zapotlanejo

CLAVE: 00114

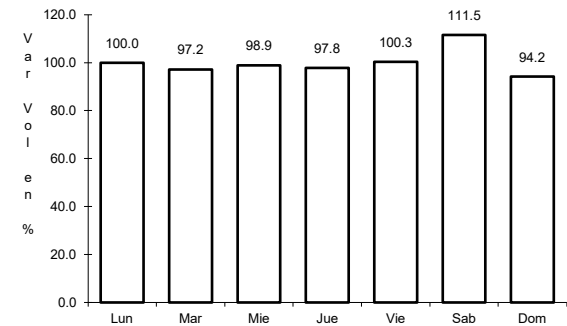
RUTA: MEX-090



Km: 2.78      Tipo: 1      Sent: 1



Km: 2.78      Tipo: 1      Sent: 2

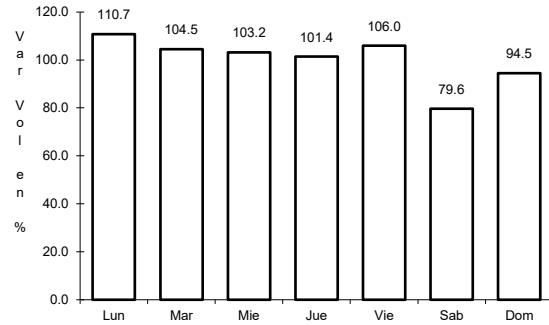


Km: 215.80      Tipo: 1      Sent: 0

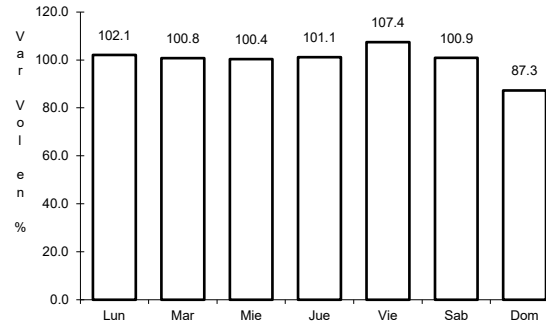
7 CARR: Jiquilpan - Colima

CLAVE: 00156

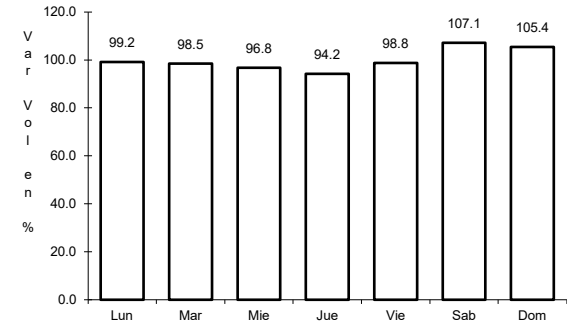
ruta: MEX-110



Km: 0.00      Tipo: 3      Sent: 0



Km: 108.50      Tipo: 1      Sent: 0

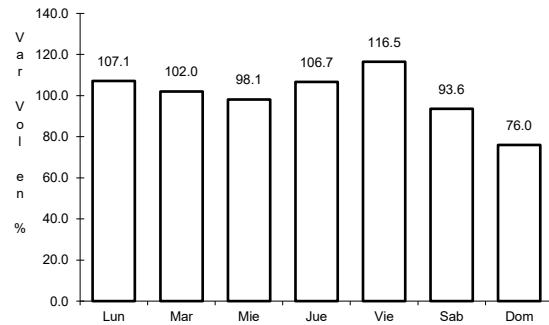


Km: 220.00      Tipo: 1      Sent: 0

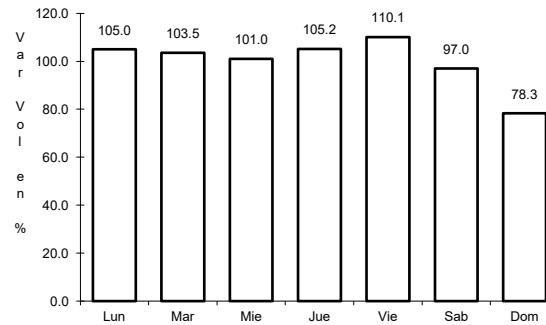
8 CARR: Jiquilpan - Guadalajara

CLAVE: 00429

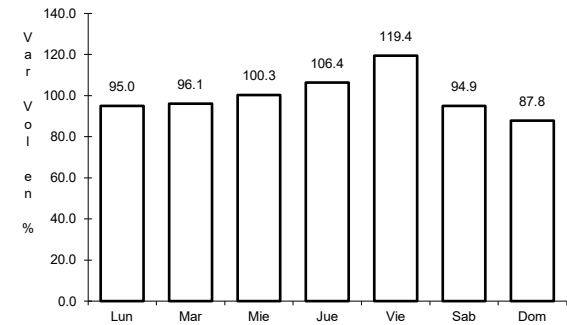
ruta: MEX-015



Km: 0.00      Tipo: 3      Sent: 1



Km: 0.00      Tipo: 3      Sent: 2

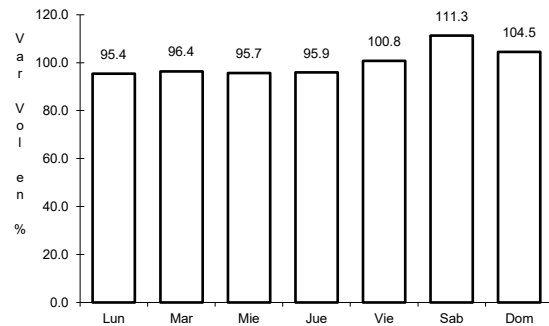


Km: 65.29      Tipo: 1      Sent: 0

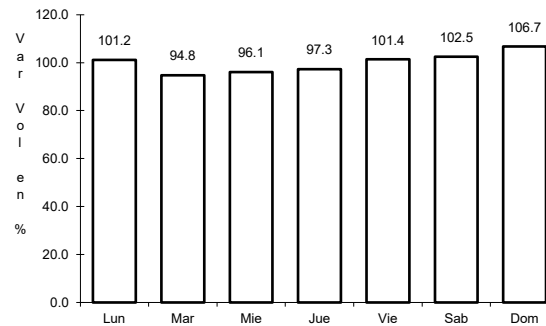
9 CARR: La Noria - Acámbaro

CLAVE: 00131

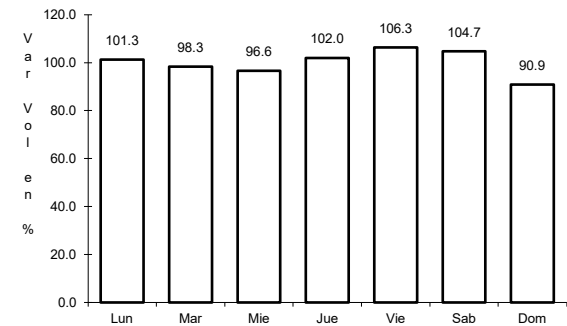
ruta: MEX-120



Km: 0.00      Tipo: 3      Sent: 0



Km: 59.35      Tipo: 3      Sent: 0

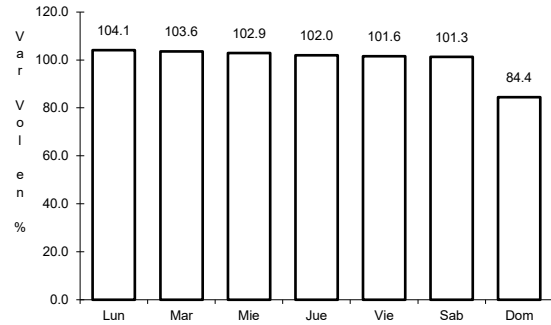


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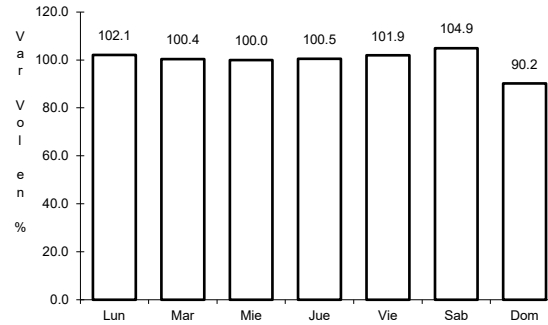
10 CARR: La Orilla - Las Truchas

CLAVE: 16557

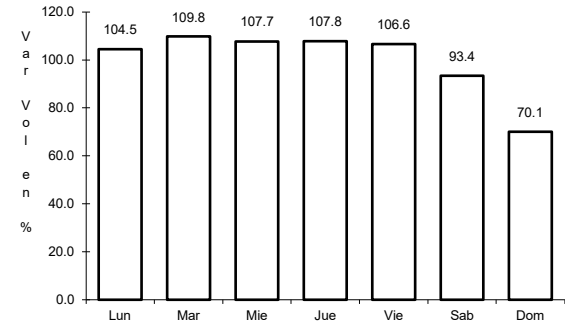
ruta: MEX-200



Km: 0.00      Tipo: 3      Sent: 1



Km: 0.00      Tipo: 3      Sent: 2

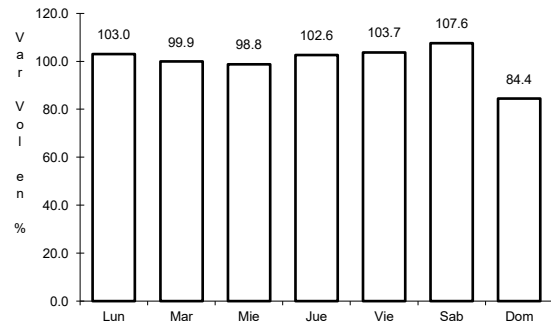


Km: 9.00      Tipo: 1      Sent: 0

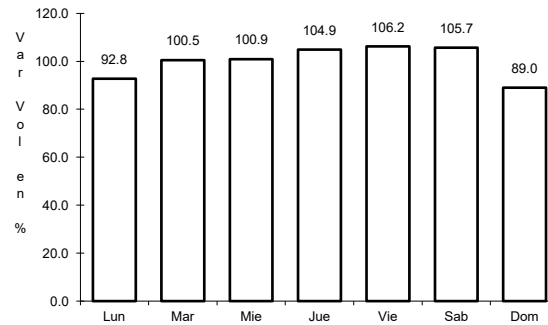
11 CARR: La Piedad - Carapan

CLAVE: 16476

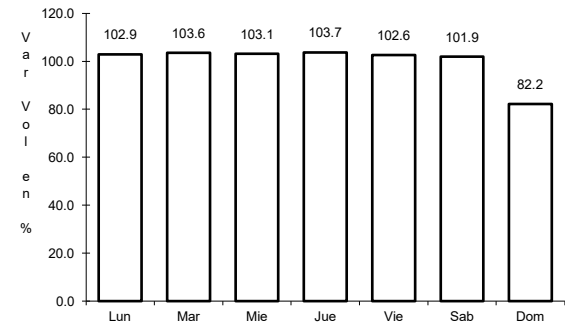
ruta: MEX-037



Km: 0.00      Tipo: 3      Sent: 1



Km: 0.00      Tipo: 3      Sent: 2

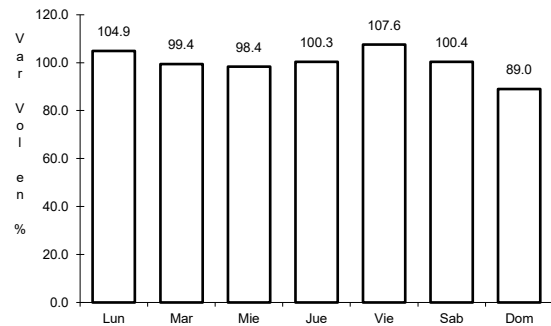


Km: 72.61      Tipo: 1      Sent: 0

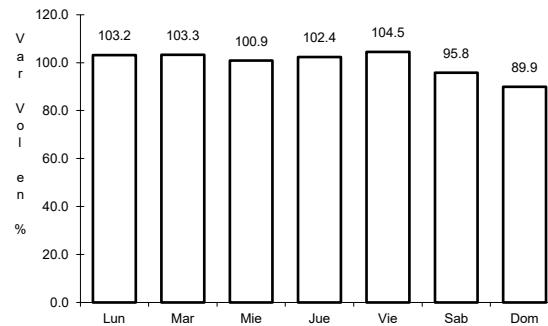
12 CARR: Libramiento de Ciudad Hidalgo

CLAVE:

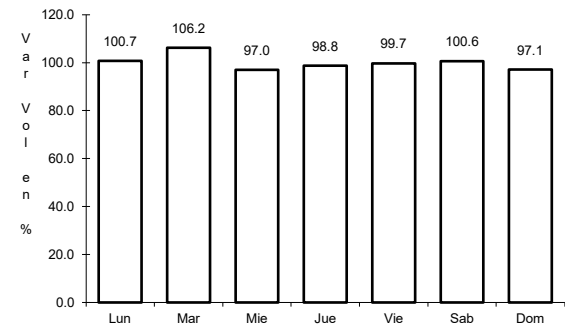
ruta: MEX-015



Km: 0.00      Tipo: 3      Sent: 0

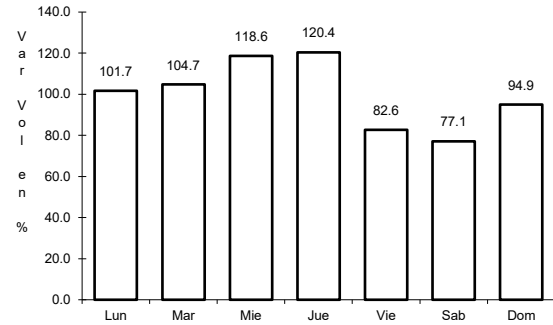


Km: 1.00      Tipo: 3      Sent: 0



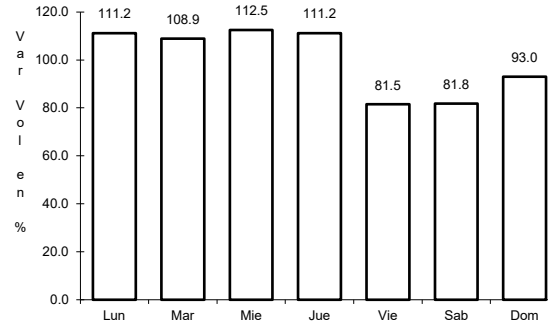
Km: 11.00      Tipo: 1      Sent: 0

13 CARR: Libramiento de Yurécuaro



Km: 15.70 Tipo: 3 Sent: 0

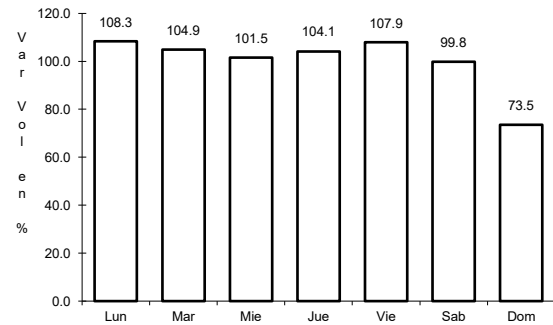
CLAVE:



Km: 21.70 Tipo: 1 Sent: 0

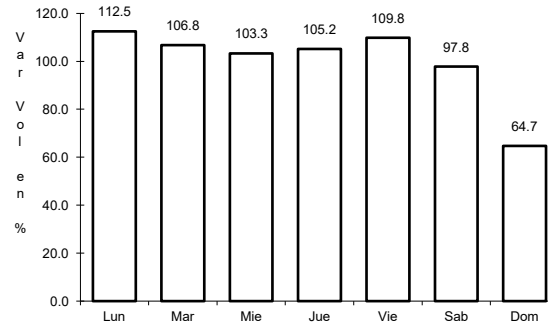
RUTA: MEX-110

14 CARR: Libramiento Oriente de Zamora



Km: 0.00 Tipo: 3 Sent: 0

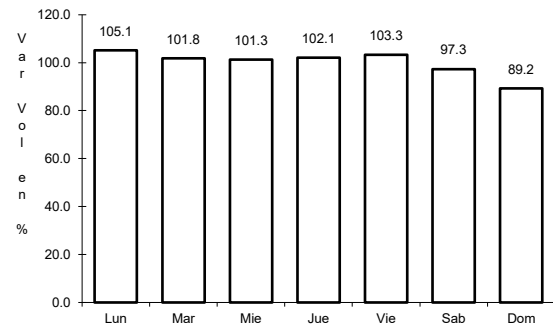
CLAVE:



Km: 7.25 Tipo: 3 Sent: 0

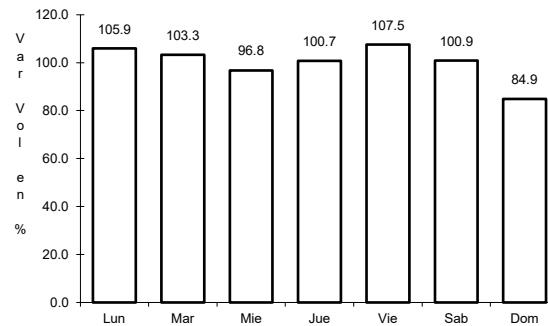
RUTA: MEX-015

15 CARR: Maravatio - Acámbaro



Km: 0.00 Tipo: 3 Sent: 0

CLAVE: 00418



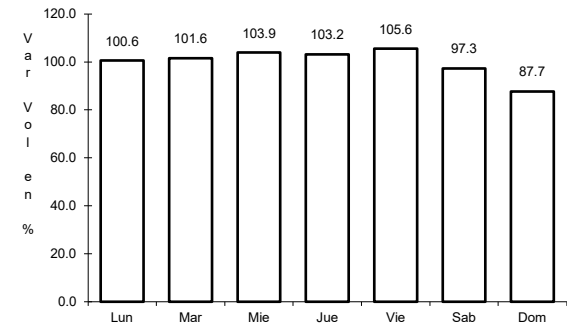
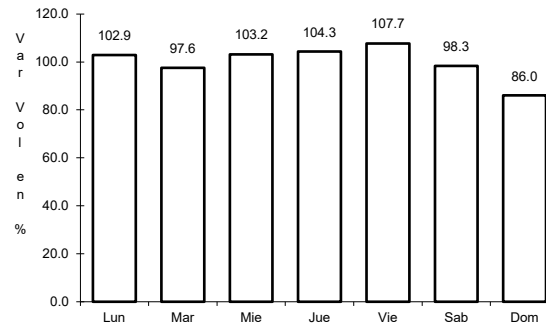
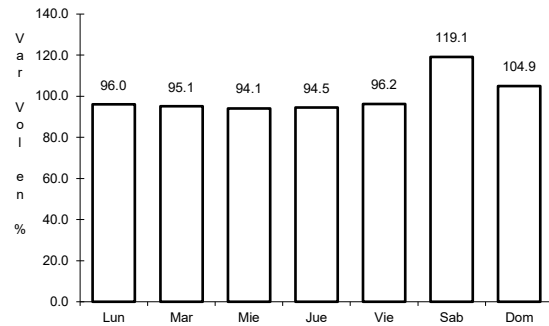
Km: 13.00 Tipo: 3 Sent: 0

RUTA: MEX-061

16 CARR: Morelia - Jiquilpan

CLAVE: 16029

RUTA: MEX-015



Km: 13.80      Tipo: 3      Sent: 0

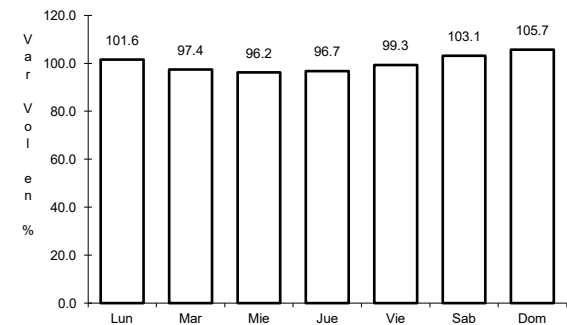
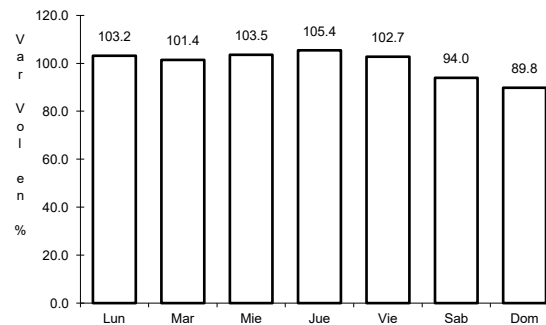
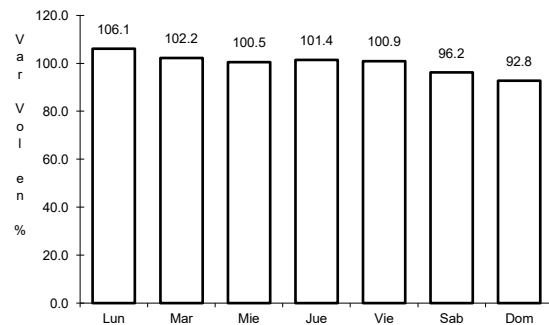
Km: 105.02      Tipo: 1      Sent: 0

Km: 200.00      Tipo: 1      Sent: 0

17 CARR: Morelia - Pátzcuaro

CLAVE: 16009

RUTA: MEX-014



Km: 3.00      Tipo: 3      Sent: 1

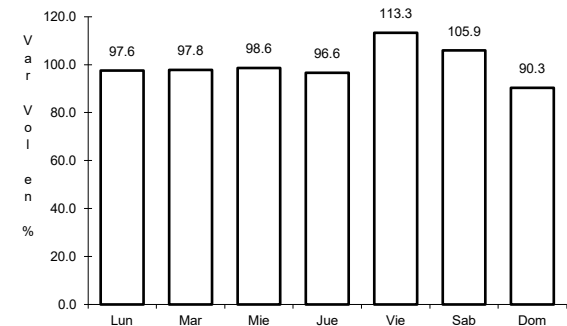
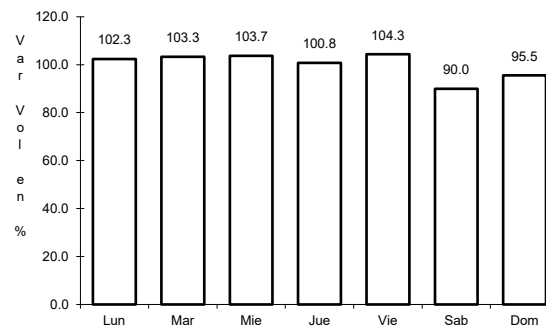
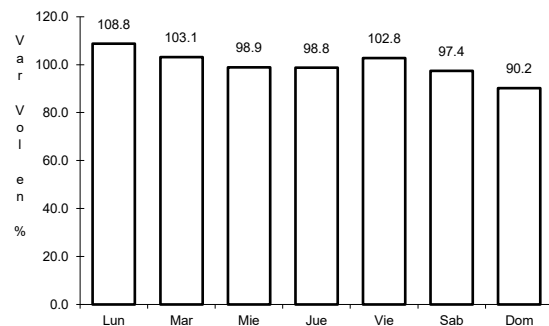
Km: 3.00      Tipo: 3      Sent: 2

Km: 50.70      Tipo: 1      Sent: 1

18 CARR: Morelia - Salamanca

CLAVE: 00124

RUTA: MEX-043



Km: 2.70      Tipo: 3      Sent: 1

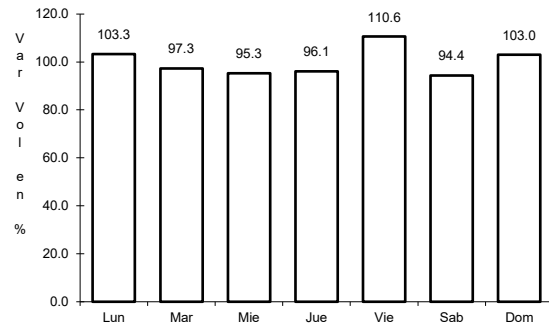
Km: 2.70      Tipo: 3      Sent: 2

Km: 61.36      Tipo: 3      Sent: 0

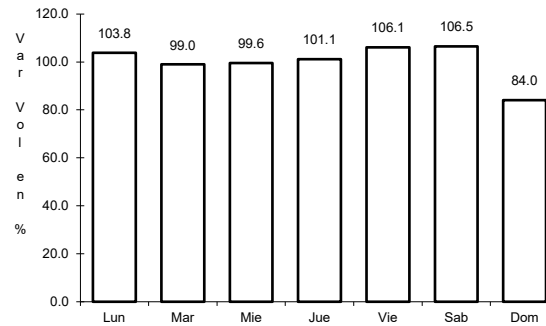
19 CARR: Pátzcuaro - Uruapan

CLAVE: 16484

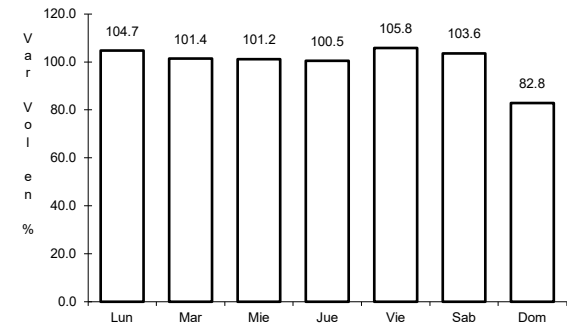
RUTA: MEX-014



Km: 0.00      Tipo: 3      Sent: 0



Km: 62.60      Tipo: 1      Sent: 1

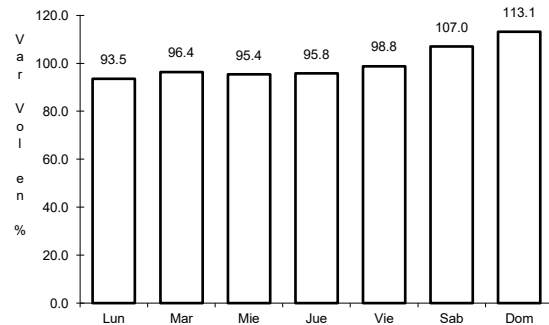


Km: 62.60      Tipo: 1      Sent: 2

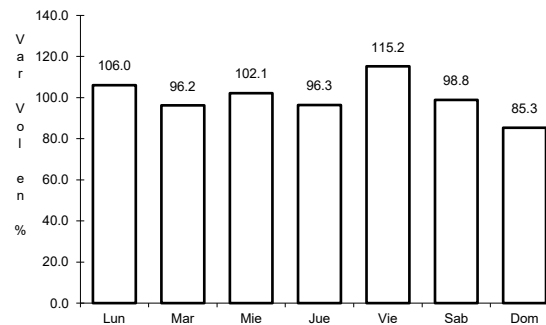
20 CARR: Quiroga - Tepalcatepec

CLAVE: 16125

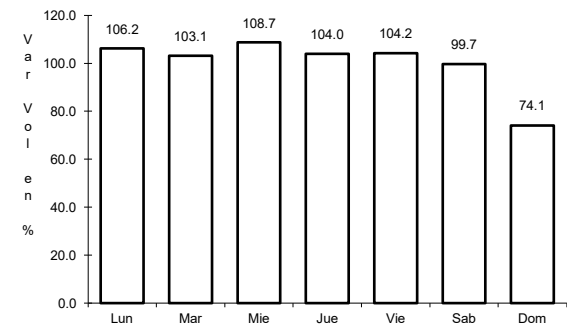
RUTA: MEX-120



Km: 0.00      Tipo: 3      Sent: 0



Km: 123.20      Tipo: 3      Sent: 0

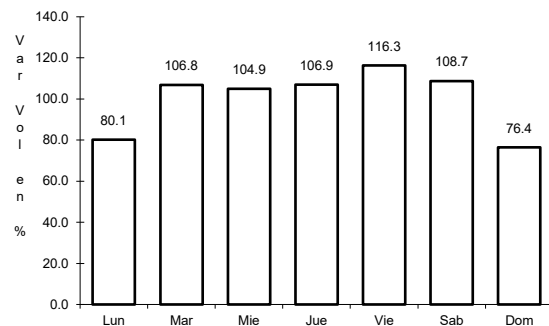


Km: 233.90      Tipo: 3      Sent: 0

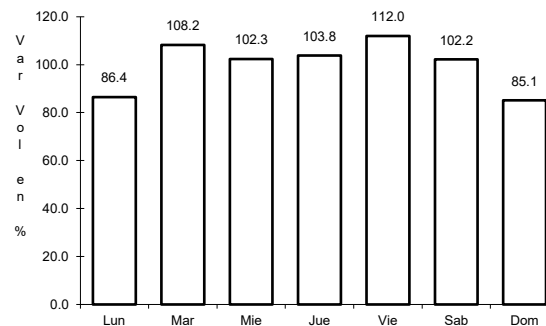
21 CARR: Rinconada - La Piedad

CLAVE: 16243

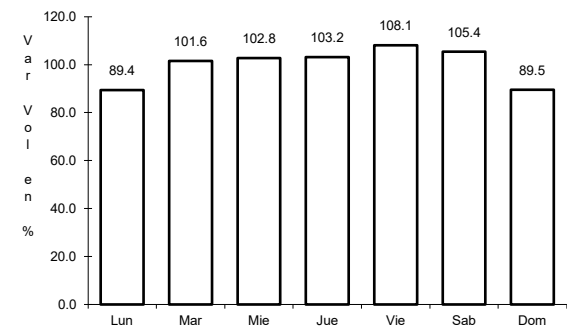
RUTA: MEX-015



Km: 0.00      Tipo: 3      Sent: 0



Km: 18.40      Tipo: 1      Sent: 0

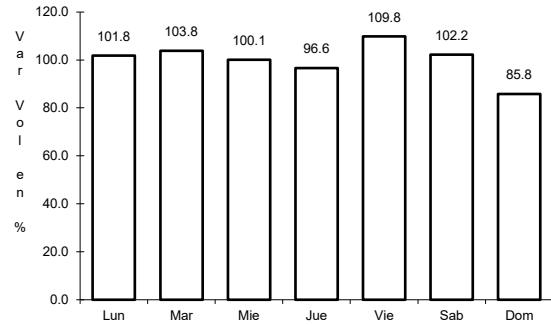


Km: 46.40      Tipo: 1      Sent: 0

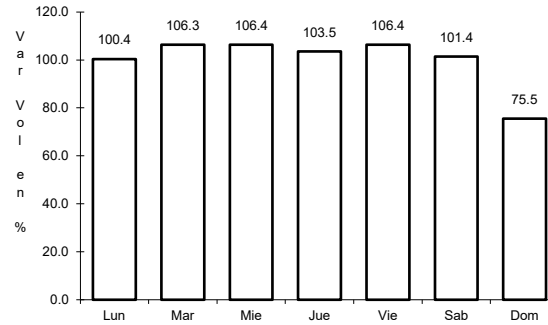
22 CARR: T. C. (Zihuatanejo - La Mira) - Lázaro Cárdenas

CLAVE: 16421

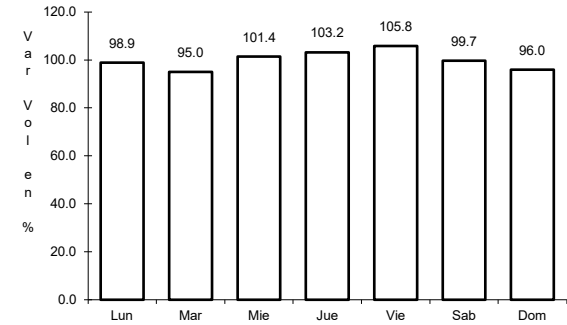
ruta: MEX-200



Km: 0.00 Tipo: 3 Sent: 1



Km: 0.00 Tipo: 3 Sent: 2

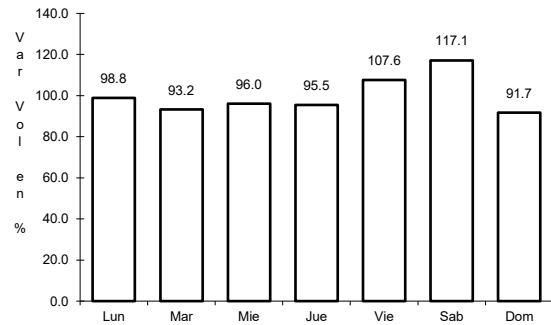


Km: 6.00 Tipo: 1 Sent: 1

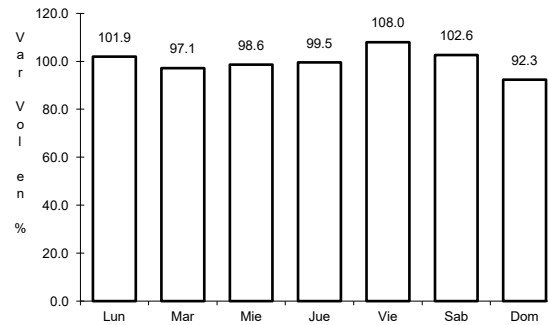
23 CARR: Toluca - Cd. Altamirano

CLAVE: 00020

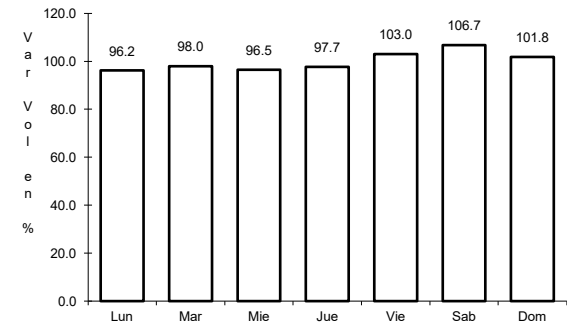
ruta: MEX-134



Km: 1.78 Tipo: 3 Sent: 1



Km: 1.78 Tipo: 3 Sent: 2

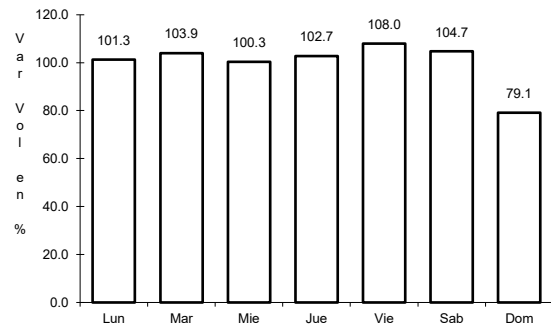


Km: 216.00 Tipo: 1 Sent: 0

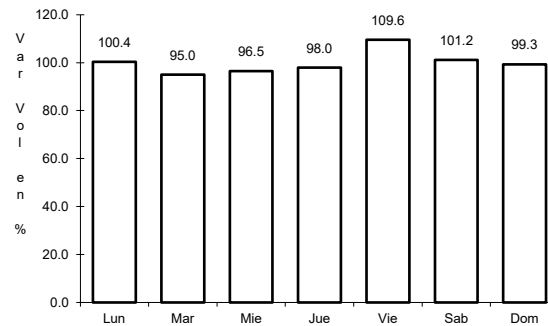
24 CARR: Toluca - Morelia

CLAVE: 00448

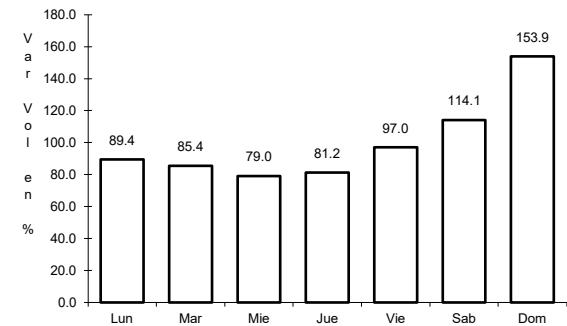
ruta: MEX-015



Km: 1.00 Tipo: 3 Sent: 1



Km: 1.00 Tipo: 3 Sent: 2



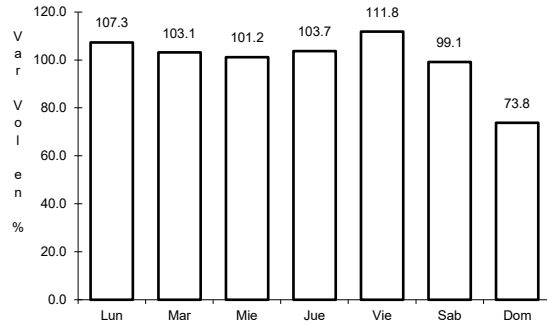
Km: 225.00 Tipo: 1 Sent: 0



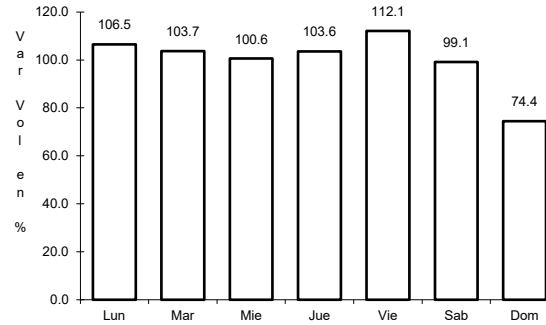
25 CARR: Zamora - Vista Hermosa

CLAVE: 16242

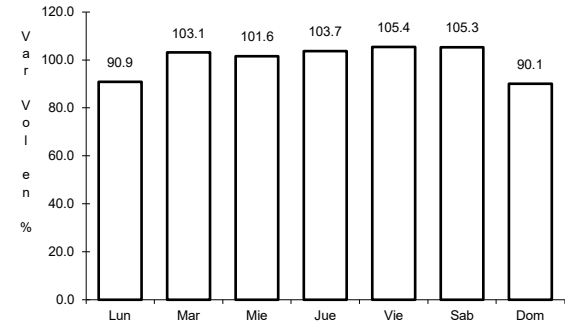
ruta: MEX-035



Km: 0.00      Tipo: 3      Sent: 1



Km: 0.00      Tipo: 3      Sent: 2

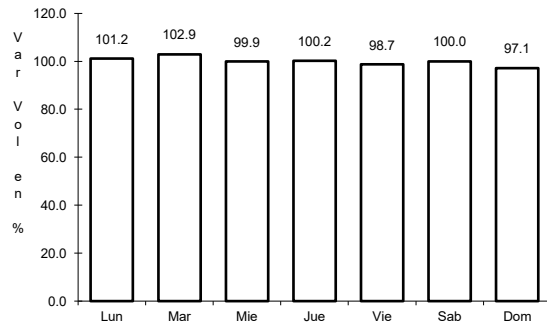


Km: 43.30      Tipo: 1      Sent: 0

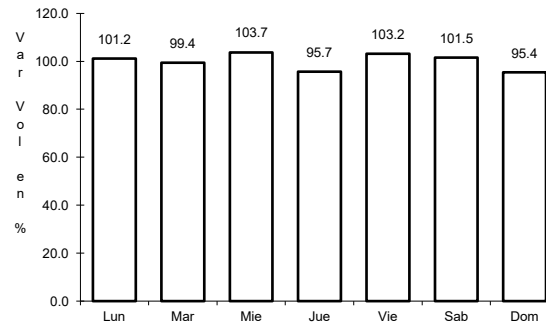
26 CARR: Zihuatanejo - La Mira

CLAVE: 00121

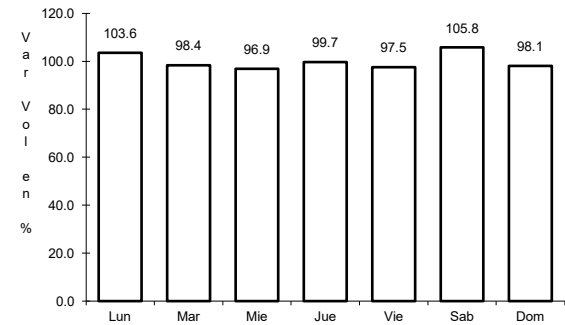
ruta: MEX-200



Km: 2.25      Tipo: 3      Sent: 0



Km: 69.00      Tipo: 3      Sent: 0

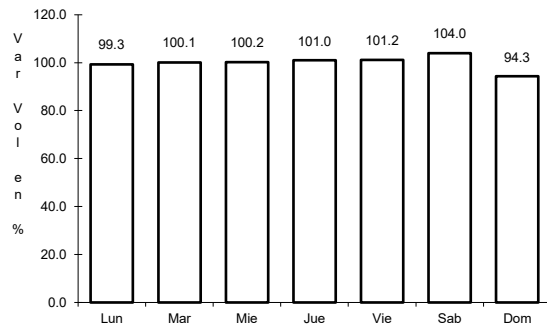


Km: 123.60      Tipo: 1      Sent: 0

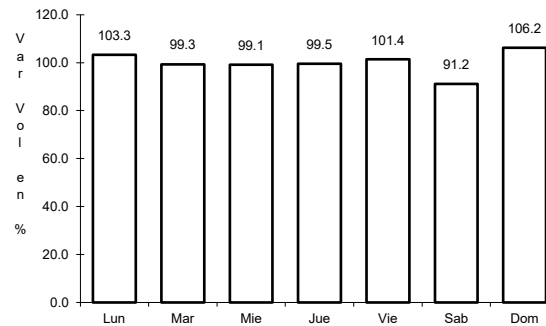
27 CARR: Zitácuaro - Cd. Altamirano

CLAVE: 16006

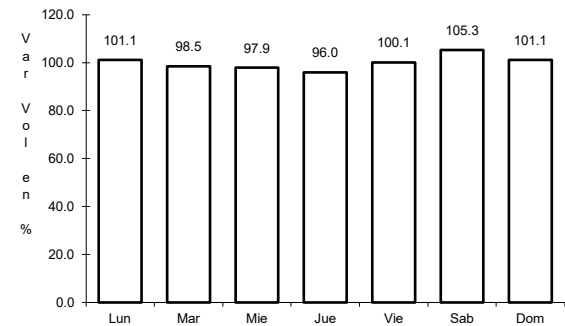
ruta: MEX-051



Km: 3.60      Tipo: 3      Sent: 0



Km: 104.50      Tipo: 3      Sent: 0

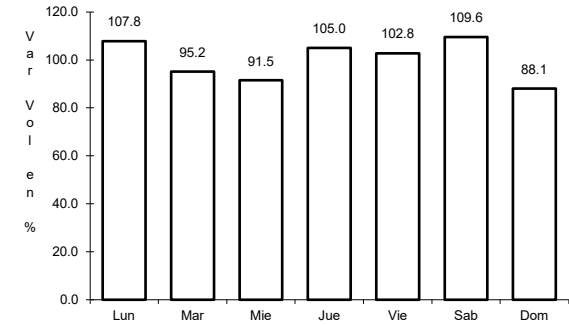
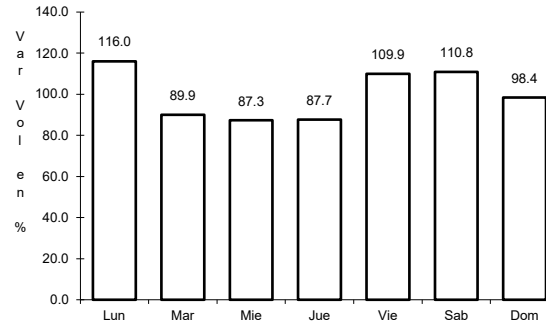
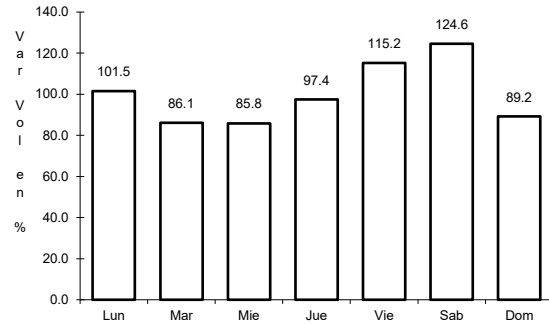


Km: 214.50      Tipo: 1      Sent: 0

28 CARR: Atlacomulco - Maravatío (Cuota)

CLAVE: 00018

RUTA: MEX-015D



Km: 99.50 Tipo: 3 Sent: 1

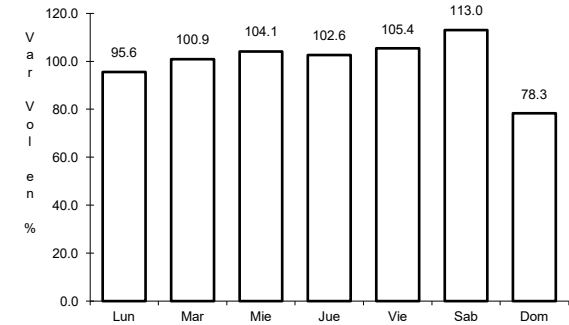
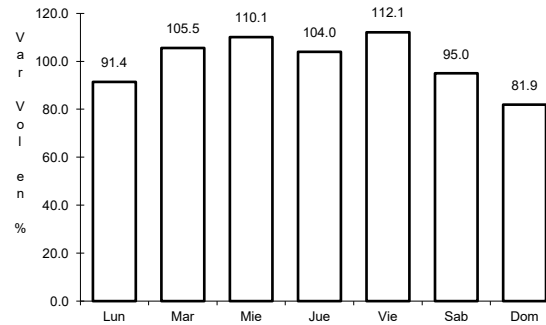
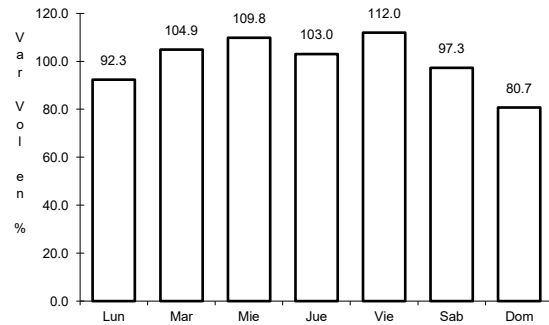
Km: 99.50 Tipo: 3 Sent: 2

Km: 156.77 Tipo: 1 Sent: 1

29 CARR: Libramiento Norte de la Piedad (Cuota)

CLAVE:

RUTA: MEX-110D



Km: 76.50 Tipo: 3 Sent: 1

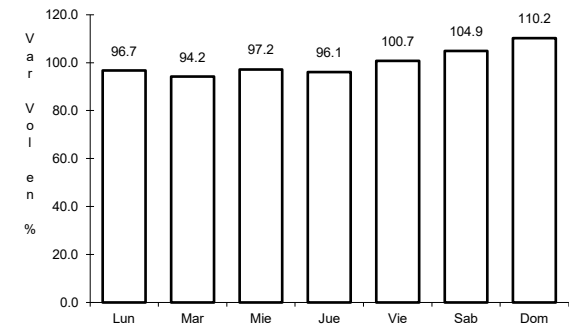
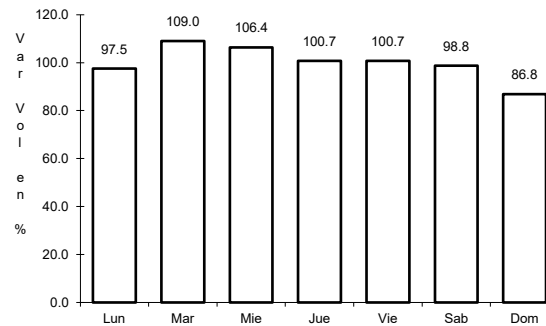
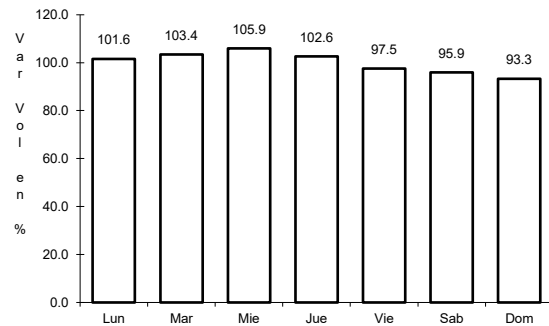
Km: 76.50 Tipo: 3 Sent: 2

Km: 96.70 Tipo: 1 Sent: 1

30 CARR: Libramiento Poniente de Morelia (Cuota)

CLAVE:

RUTA: MEX-014D



Km: 0.00 Tipo: 3 Sent: 0

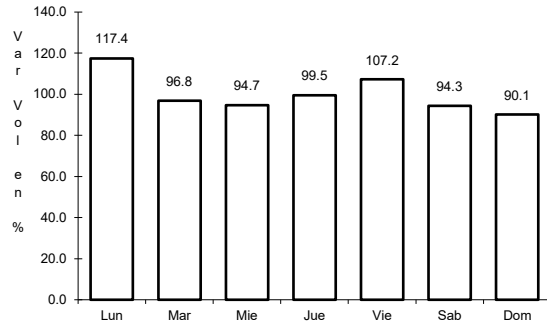
Km: 34.40 Tipo: 1 Sent: 0

Km: 60.80 Tipo: 1 Sent: 0

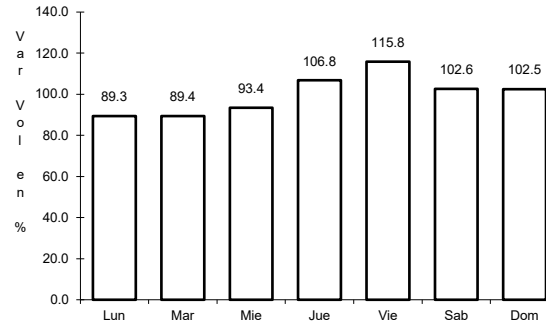
31 CARR: Maravatio - Zapotlanejo (Cuota)

CLAVE: 00018

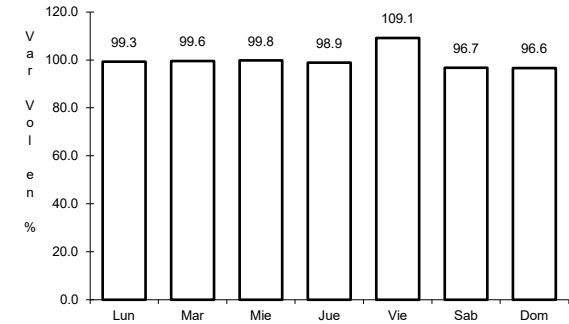
ruta: MEX-015D



Km: 164.00 Tipo: 3 Sent: 1



Km: 164.00 Tipo: 3 Sent: 2

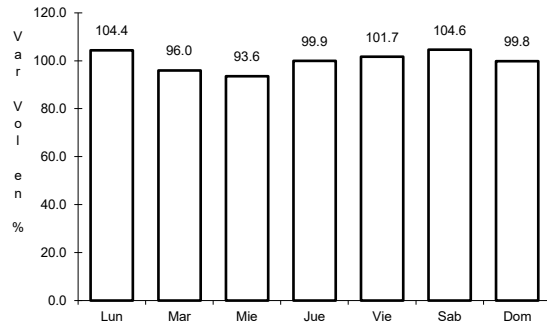


Km: 475.50 Tipo: 1 Sent: 1

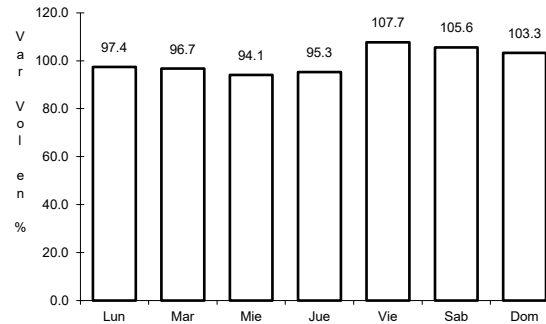
32 CARR: Morelia - Salamanca (Cuota)

CLAVE: 00124

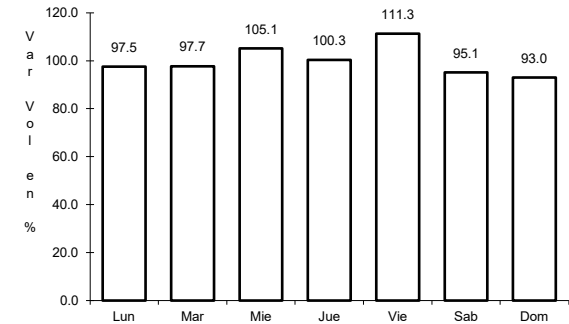
ruta: MEX-043D



Km: 0.00 Tipo: 3 Sent: 0



Km: 77.09 Tipo: 1 Sent: 0

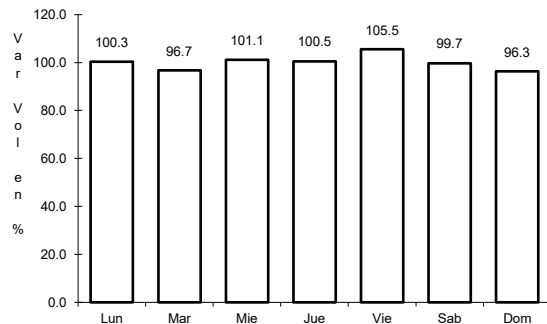


Km: 81.94 Tipo: 1 Sent: 0

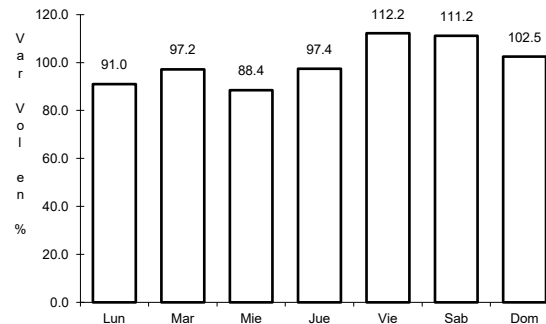
33 CARR: Nueva Italia - Lázaro Cárdenas (Cuota)

CLAVE: 00032

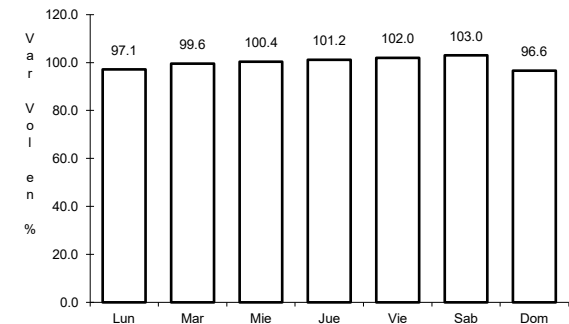
ruta: MEX-037D



Km: 153.90 Tipo: 3 Sent: 0



Km: 282.37 Tipo: 1 Sent: 0

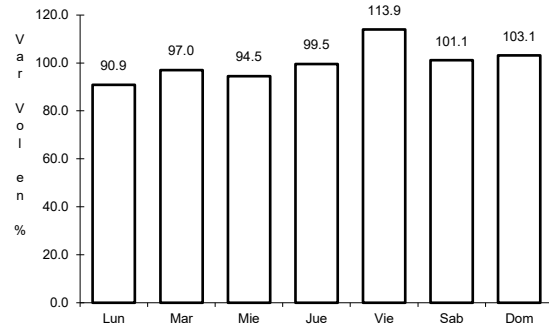


Km: 282.37 Tipo: 3 Sent: 0

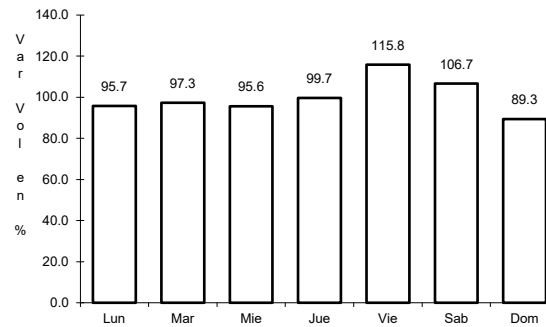
34 CARR: Pátzcuaro - Uruapan (Cuota)

CLAVE: 16011

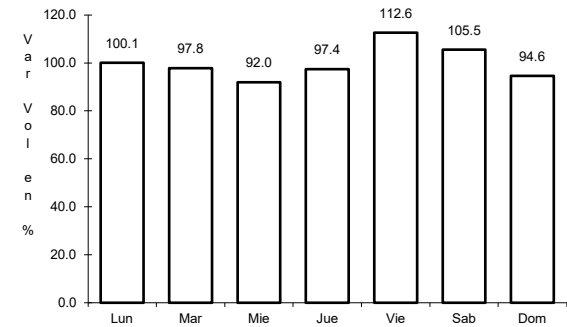
RUTA: MEX-014D



Km: 48.00      Tipo: 3      Sent: 1



Km: 48.00      Tipo: 3      Sent: 2

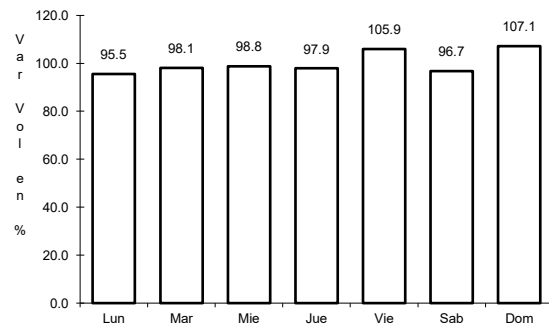


Km: 94.70      Tipo: 3      Sent: 0

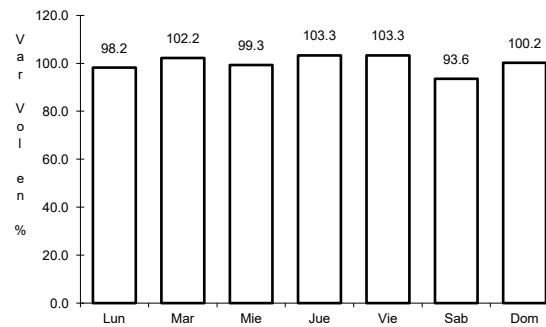
35 CARR: Uruapan - Nueva Italia (Cuota)

CLAVE: 00032

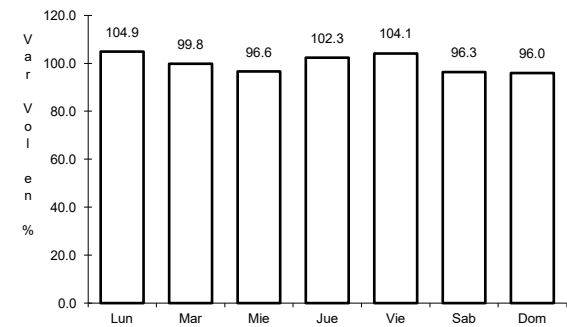
RUTA: MEX-037D



Km: 94.70      Tipo: 3      Sent: 0



Km: 122.60      Tipo: 3      Sent: 0

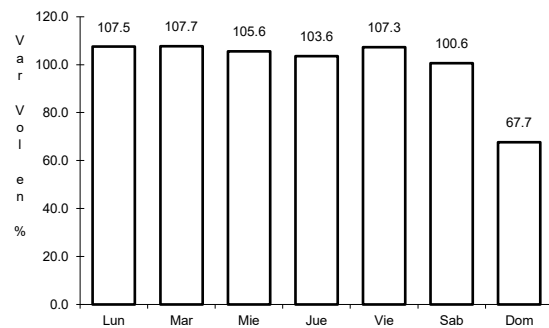


Km: 153.90      Tipo: 1      Sent: 0

36 CARR: Apatzingán - Aguililla

CLAVE: 16591

RUTA: MICH

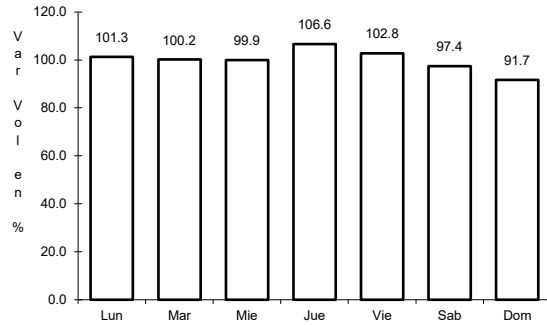


Km: 0.00      Tipo: 3      Sent: 0

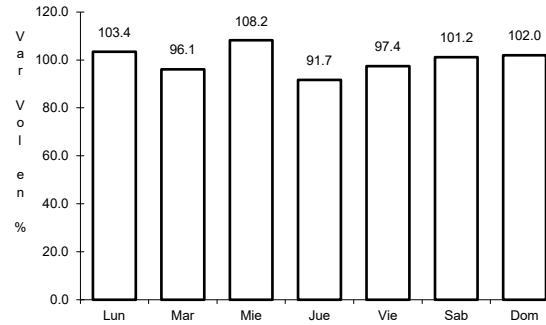
37 CARR: Comanja - Huaniqueo

CLAVE: 16024

RUTA: MICH-024



Km: 0.00      Tipo: 3      Sent: 0

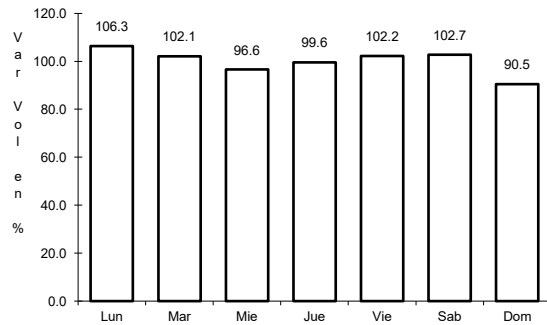


Km: 27.10      Tipo: 1      Sent: 0

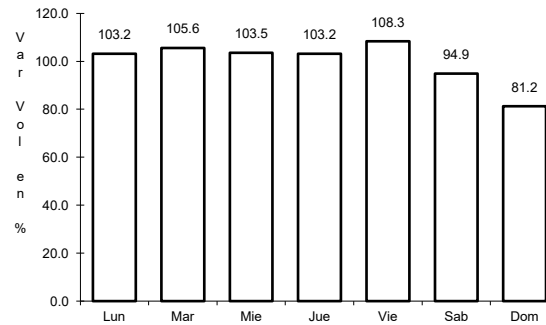
38 CARR: Cotija - Emiliano Zapata

CLAVE: 16024

RUTA: MICH



Km: 0.00      Tipo: 3      Sent: 0

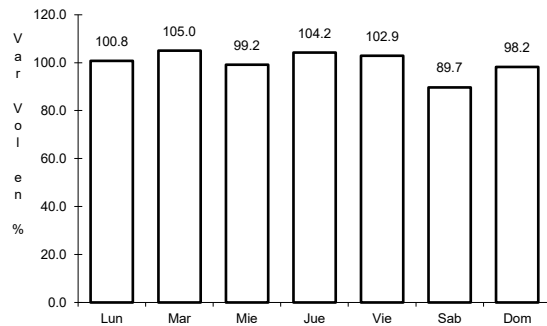


Km: 30.00      Tipo: 1      Sent: 0

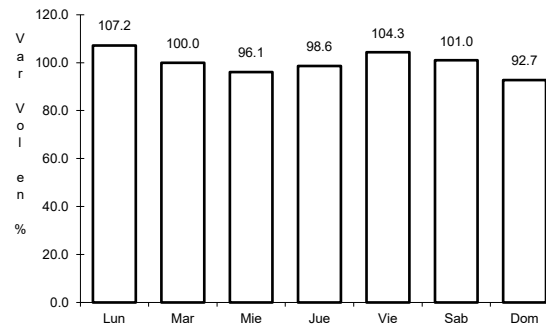
39 CARR: Cuitzeo - Zináparo

CLAVE: 16027

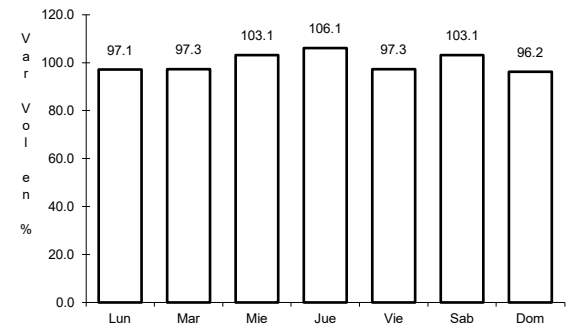
RUTA: MICH-027



Km: 0.00      Tipo: 3      Sent: 1



Km: 0.00      Tipo: 3      Sent: 2

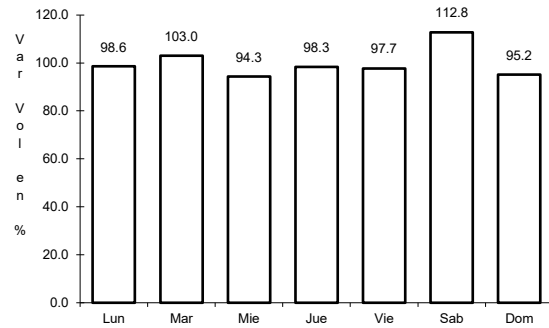


Km: 123.70      Tipo: 1      Sent: 0

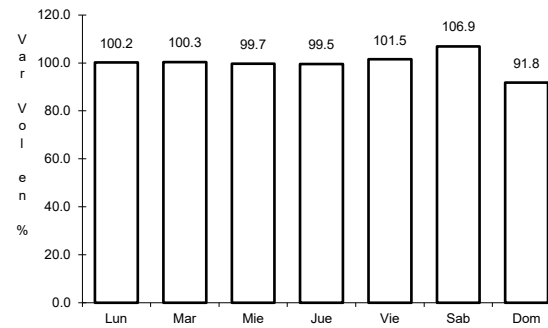
40 CARR: El Correo - Lagunillas

CLAVE: 16014

RUTA: MICH



Km: 0.00      Tipo: 3      Sent: 0

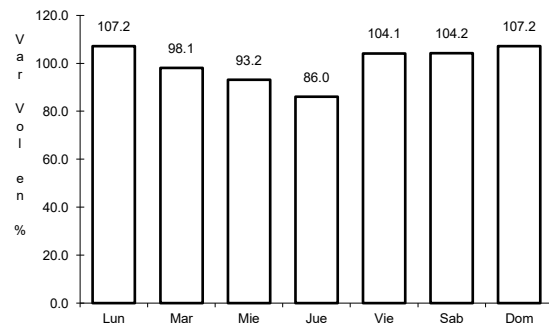


Km: 10.60      Tipo: 1      Sent: 0

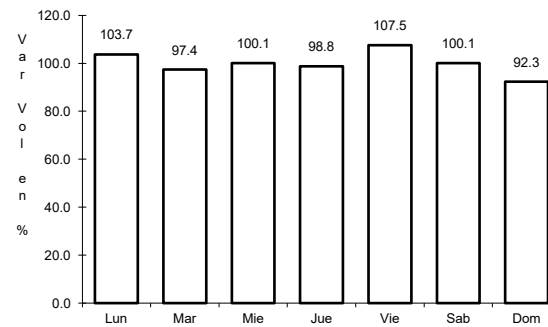
41 CARR: El Temascal - El Limón

CLAVE: 16014

RUTA: MICH



Km: 0.00      Tipo: 3      Sent: 0

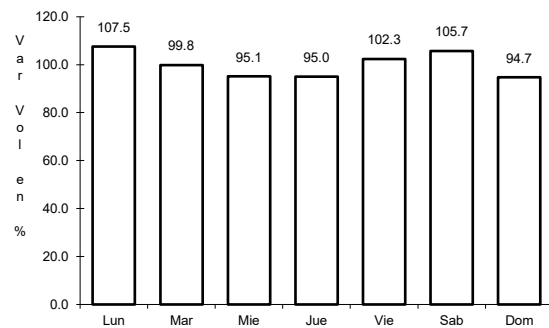


Km: 92.30      Tipo: 1      Sent: 0

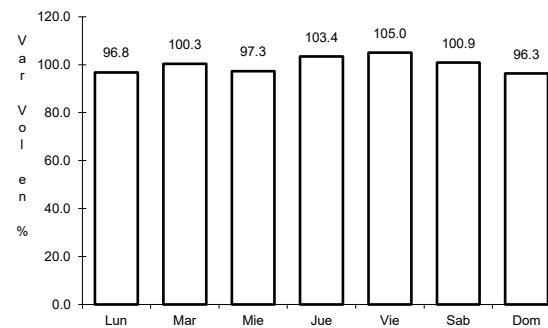
42 CARR: Gabriel Zamora - Dr. Miguel Silva

CLAVE: 00032

RUTA: MICH



Km: 0.00      Tipo: 3      Sent: 0

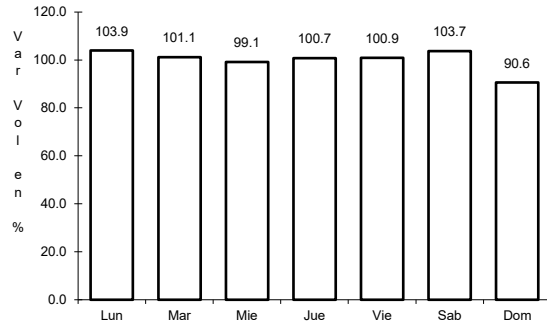


Km: 55.20      Tipo: 1      Sent: 0

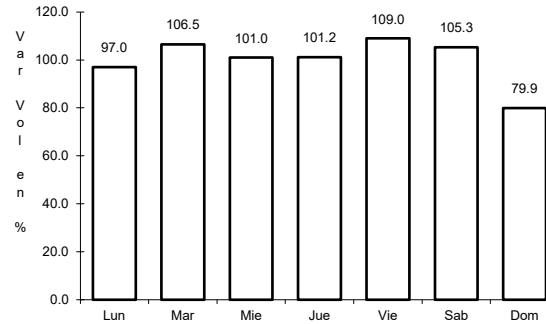
43 CARR: Jacona - Buenavista Tomatlán

CLAVE: 16016

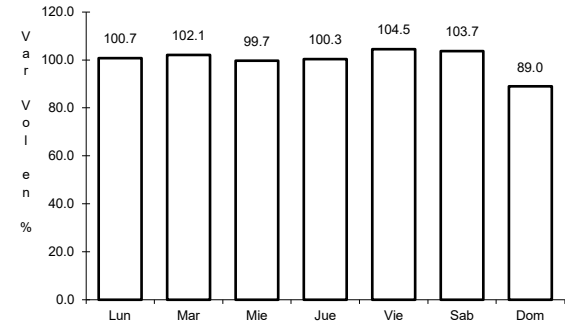
RUTA: MICH-016



Km: 0.00      Tipo: 3      Sent: 0



Km: 60.00      Tipo: 1      Sent: 0

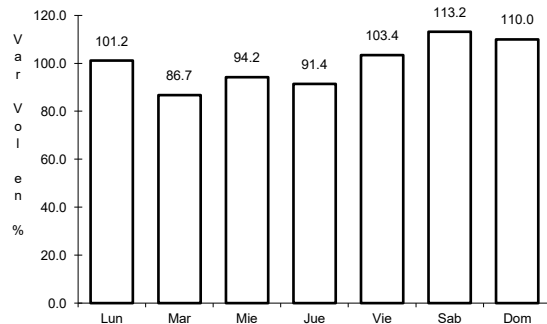


Km: 123.00      Tipo: 1      Sent: 0

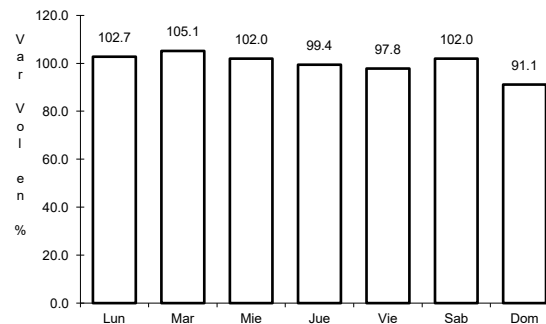
44 CARR: La Paz - Tepetongo

CLAVE: 16557

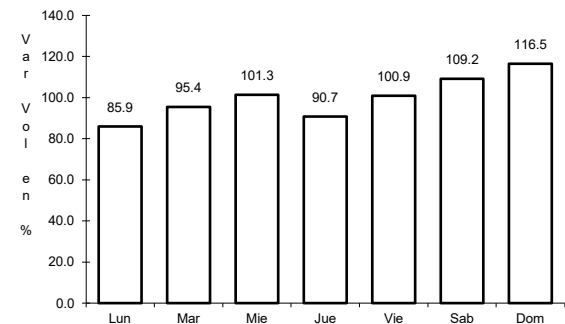
RUTA: MICH



Km: 0.00      Tipo: 3      Sent: 0



Km: 5.20      Tipo: 3      Sent: 0

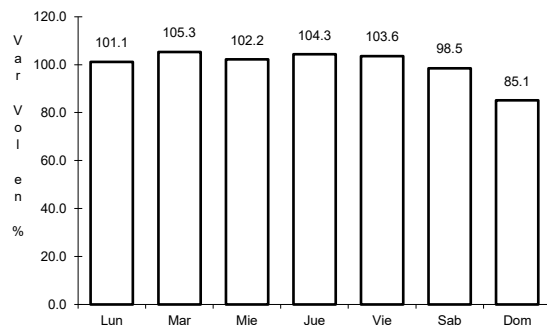


Km: 45.00      Tipo: 1      Sent: 0

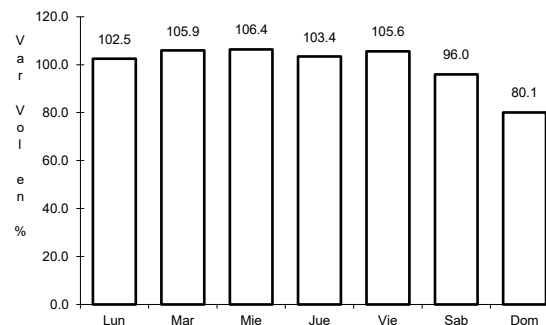
45 CARR: Libramiento de Uruapan

CLAVE: 16425

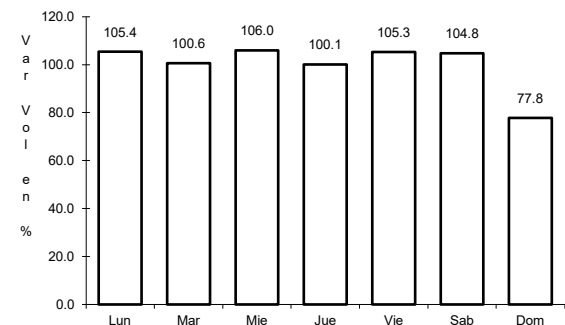
RUTA: MICH



Km: 0.00      Tipo: 3      Sent: 1



Km: 0.00      Tipo: 3      Sent: 2

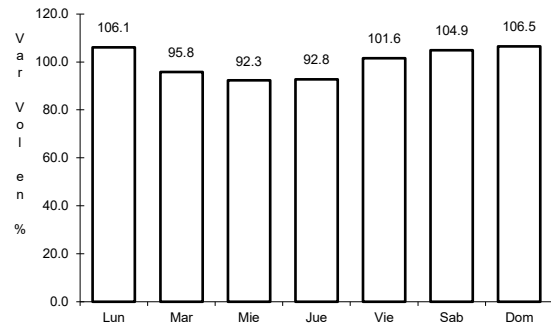


Km: 9.70      Tipo: 1      Sent: 1

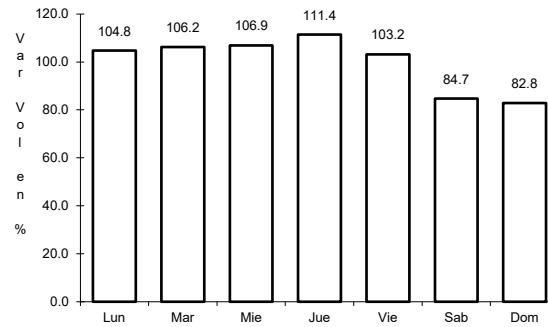
46 CARR: Pátzcuaro - Chupícuaro

CLAVE: 16241

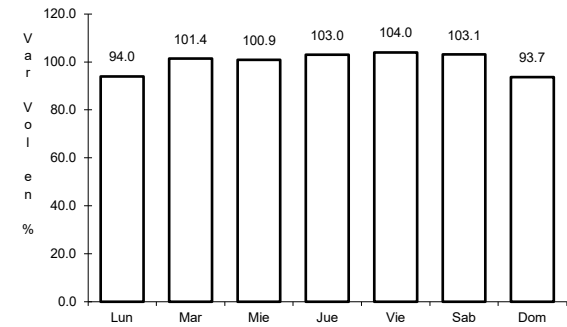
RUTA: MICH



Km: 0.00                      Tipo: 3                      Sent: 0



Km: 17.00                      Tipo: 1                      Sent: 0

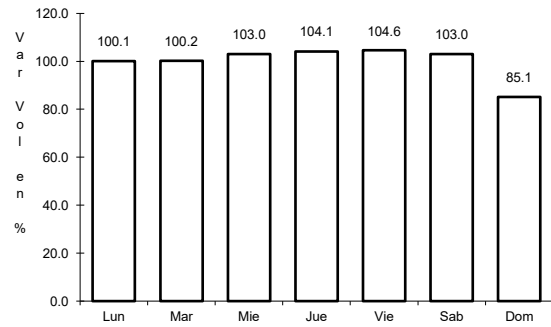


Km: 41.80                      Tipo: 1                      Sent: 0

47 CARR: Ramal a Coahuayana

CLAVE: 16069

RUTA: MICH-069

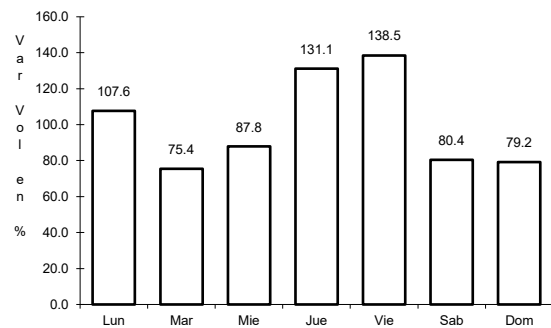


Km: 0.00                      Tipo: 3                      Sent: 0

48 CARR: Ramal a Infiernillo

CLAVE: 16010

RUTA: MICH-010



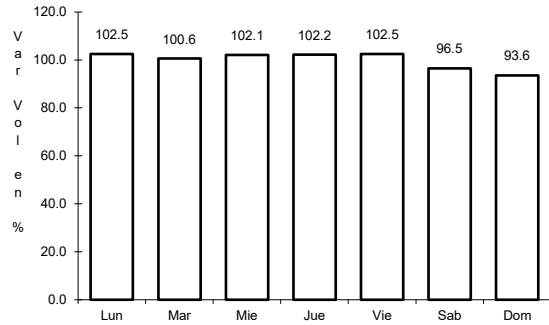
Km: 0.00                      Tipo: 3                      Sent: 0



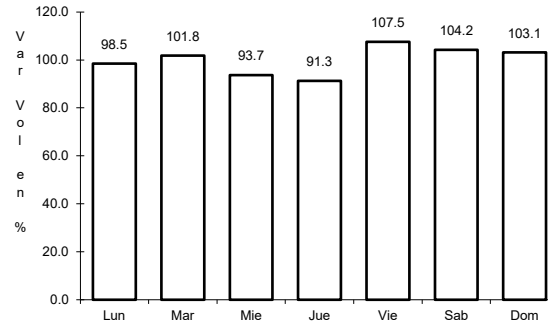
49 CARR: San Felipe Alzati - Anganguao

CLAVE: 16556

ruta: MICH-044



Km: 0.00      Tipo: 3      Sent: 0

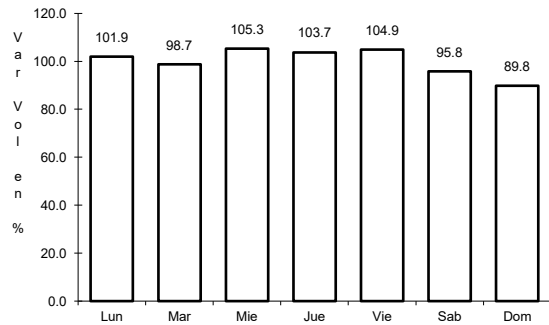


Km: 24.00      Tipo: 1      Sent: 0

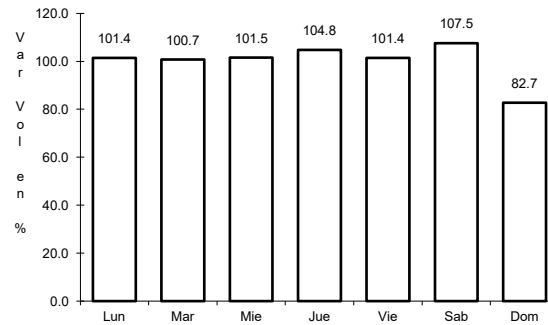
50 CARR: San Juan Tumbio - Cherán

CLAVE: 16556

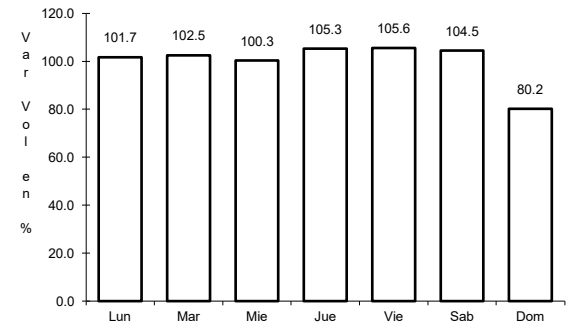
ruta: MICH



Km: 0.00      Tipo: 3      Sent: 0



Km: 28.50      Tipo: 3      Sent: 0

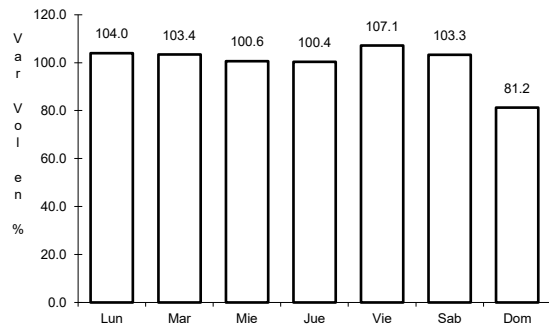


Km: 35.80      Tipo: 1      Sent: 0

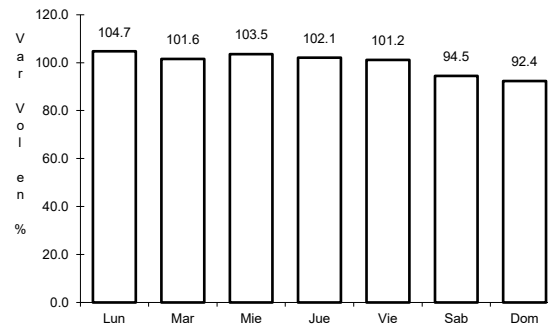
51 CARR: T. C. (Carapan - Playa Azul) - Peribán de Ramos

CLAVE: 16556

ruta: MICH



Km: 0.00      Tipo: 3      Sent: 0

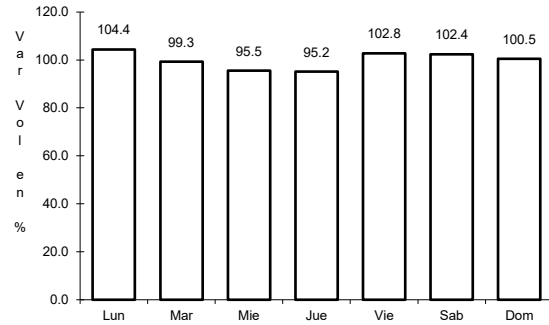


Km: 50.00      Tipo: 1      Sent: 0

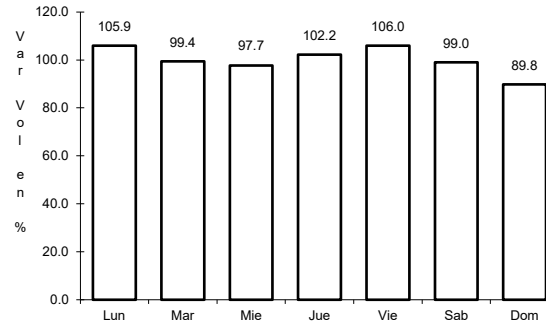
52 CARR: T. C. (Toluca - Morelia) - Maravatío

CLAVE: 16584

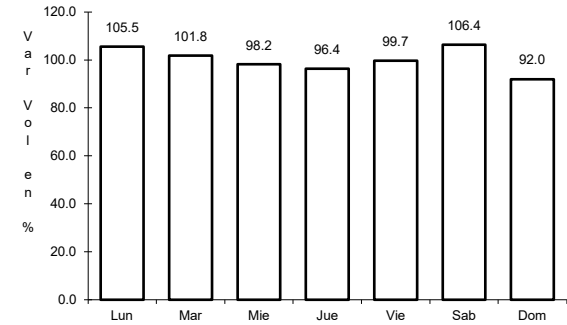
ruta: MICH-122



Km: 0.00      Tipo: 3      Sent: 0



Km: 14.00      Tipo: 3      Sent: 0

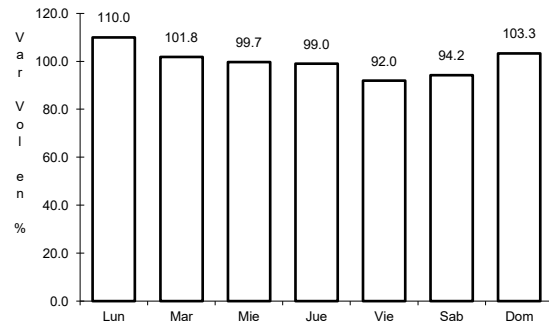


Km: 28.00      Tipo: 1      Sent: 0

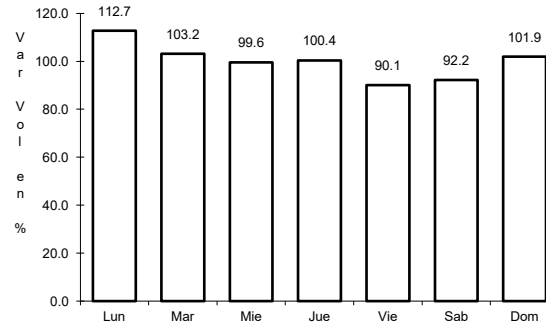
53 CARR: T. C. (V. Victoria - El Oro de Hidalgo) - Angangueo

CLAVE: 00195

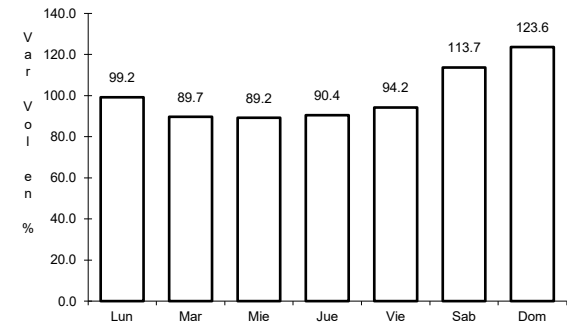
ruta: EM-003-MICH



Km: 0.00      Tipo: 3      Sent: 1



Km: 0.00      Tipo: 3      Sent: 2

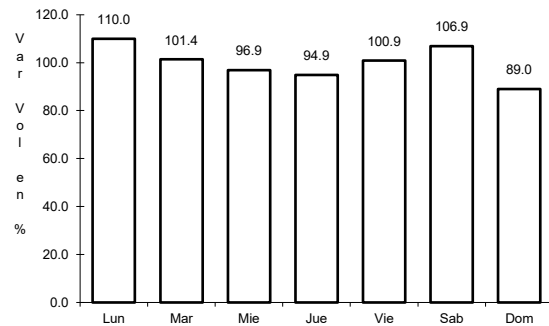


Km: 24.00      Tipo: 1      Sent: 0

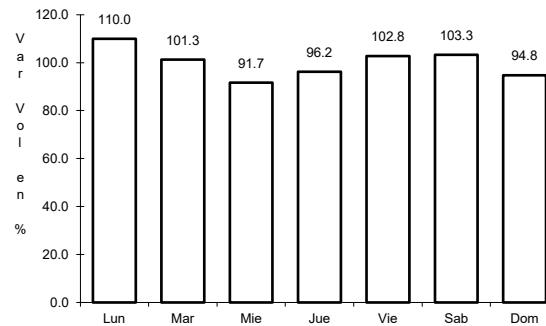
54 CARR: Tepalcatepec - Aquila

CLAVE: 16421

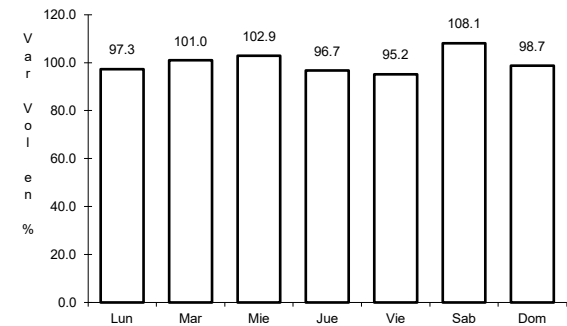
ruta: MICH



Km: 0.00      Tipo: 3      Sent: 0



Km: 70.30      Tipo: 1      Sent: 0

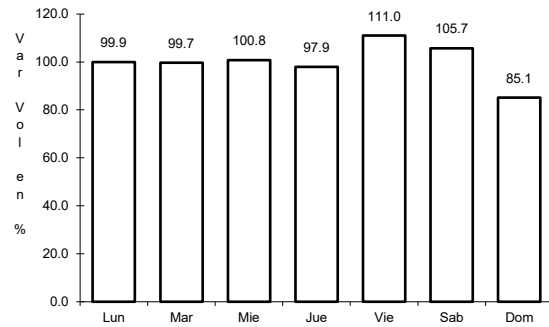


Km: 160.20      Tipo: 1      Sent: 0

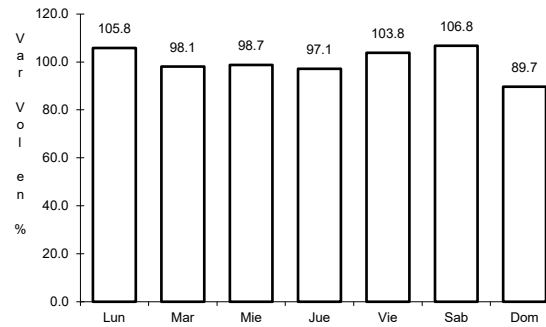
55 CARR: Tiripetío - Eréndira

CLAVE: 16422

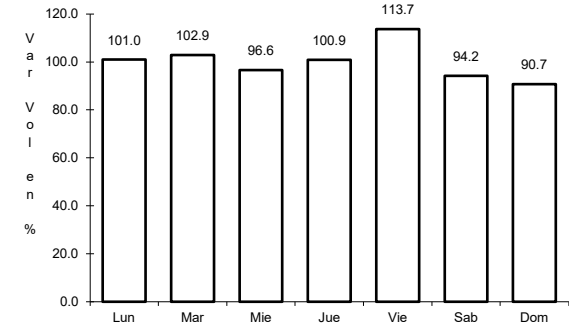
ruta: MICH



Km: 0.00      Tipo: 3      Sent: 0



Km: 23.20      Tipo: 1      Sent: 0

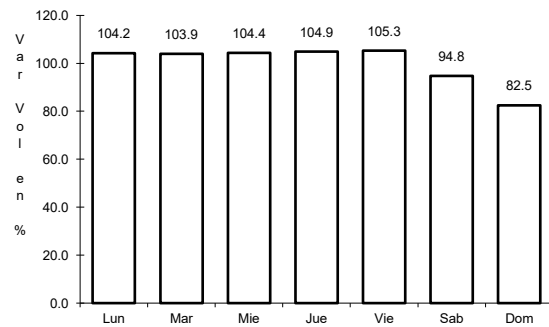


Km: 150.00      Tipo: 1      Sent: 0

56 CARR: Tocumbo - Cotija

CLAVE: 16042

ruta: MICH-042

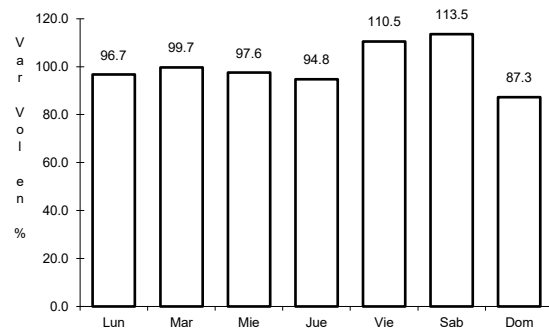


Km: 0.00      Tipo: 3      Sent: 0

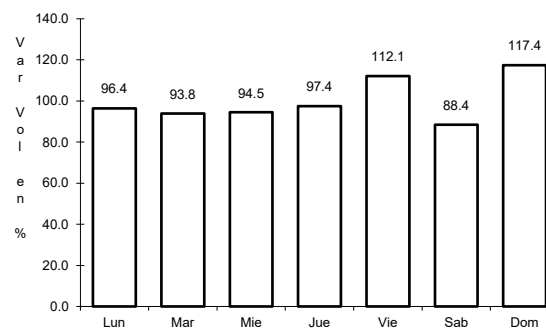
57 CARR: Ucareo - T. C. (Toluca - Morelia)

CLAVE: 00448

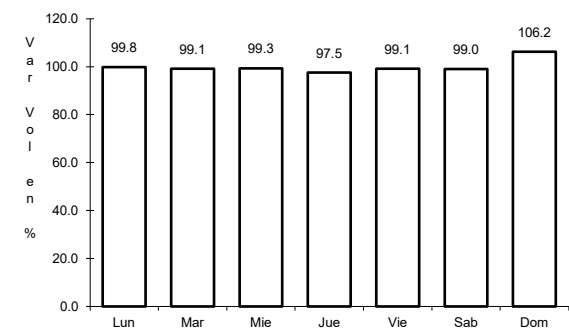
ruta: MICH



Km: 0.00      Tipo: 3      Sent: 0



Km: 33.00      Tipo: 1      Sent: 0

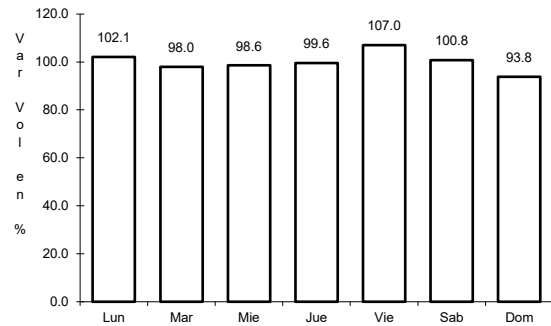


Km: 33.00      Tipo: 3      Sent: 0

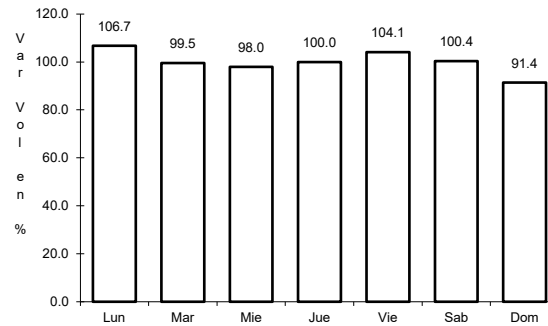
58 CARR: Uruapan - El Copetiro

CLAVE: 00448

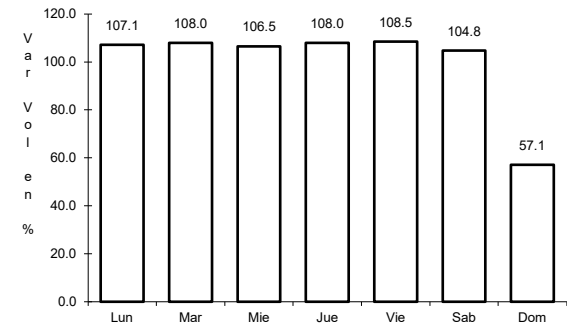
RUTA: MICH



Km: 0.00                      Tipo: 3                      Sent: 0



Km: 12.50                      Tipo: 3                      Sent: 0

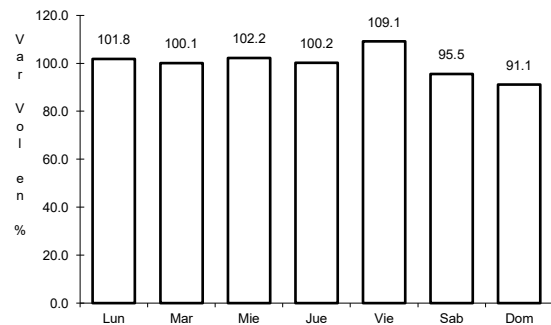


Km: 62.50                      Tipo: 1                      Sent: 0

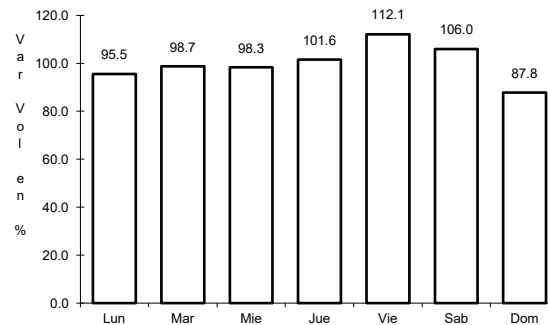
59 CARR: Zacapu - Villachuato

CLAVE: 16039

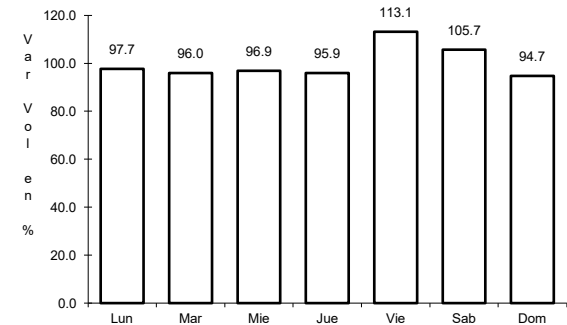
RUTA: MICH-039



Km: 0.00                      Tipo: 3                      Sent: 1



Km: 0.00                      Tipo: 3                      Sent: 2

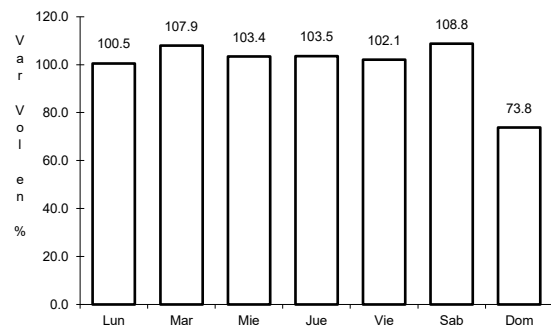


Km: 43.00                      Tipo: 1                      Sent: 0

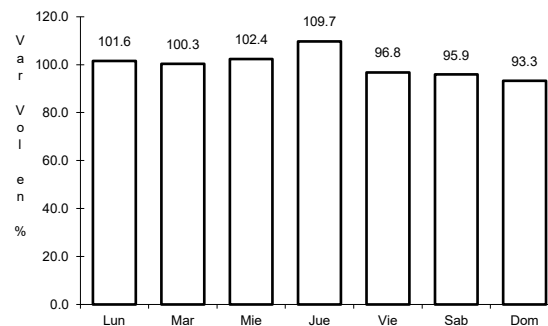
60 CARR: Zicuirán - Churumuco

CLAVE: 16242

RUTA: MICH



Km: 0.00                      Tipo: 3                      Sent: 0

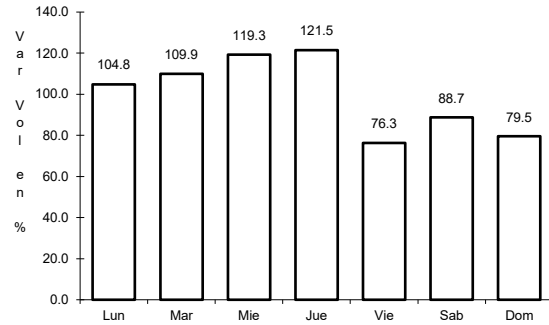


Km: 53.42                      Tipo: 1                      Sent: 0

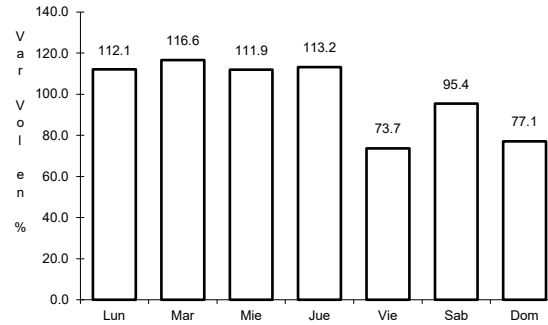
61 CARR: Libramiento de la Piedad

CLAVE: 16015

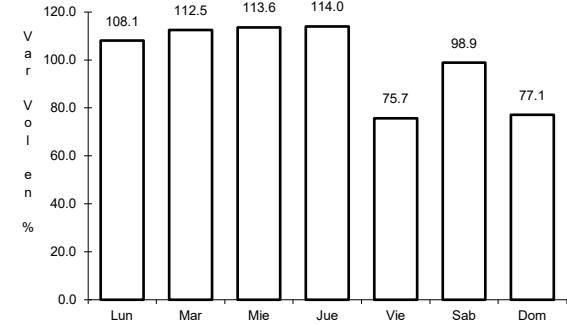
RUTA: MICH-D



Km: 0.00                      Tipo: 3                      Sent: 0



Km: 1.60                      Tipo: 1                      Sent: 1

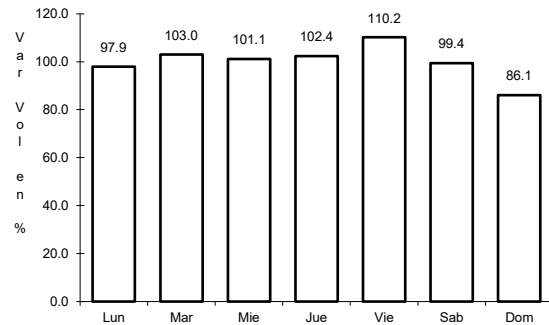


Km: 1.60                      Tipo: 1                      Sent: 2

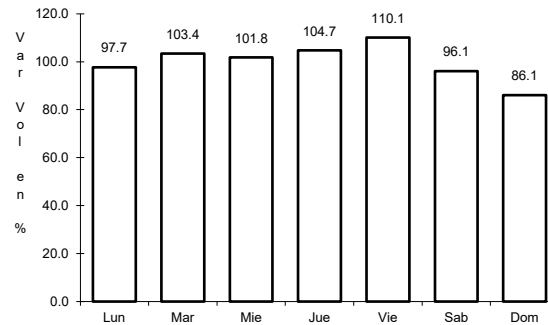
62 CARR: Atlacomulco - Morelia

CLAVE: 00151

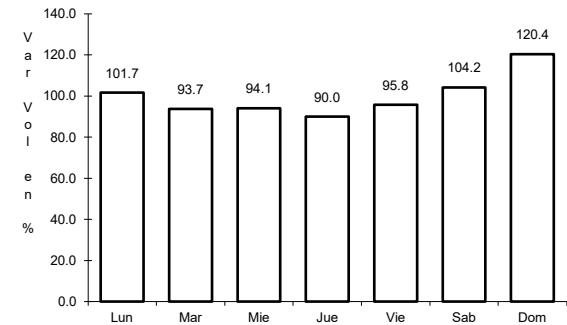
RUTA: EM-005-MEX-126



Km: 0.00                      Tipo: 3                      Sent: 1



Km: 0.00                      Tipo: 3                      Sent: 2

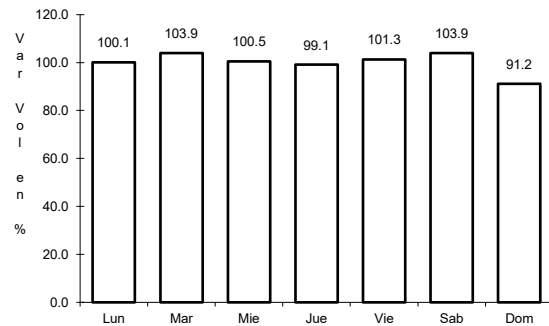


Km: 79.00                      Tipo: 1                      Sent: 0

63 CARR: Opopeo - Puruarán

CLAVE: 16241

RUTA: MEX-041-MICH



Km: 0.00                      Tipo: 3                      Sent: 0

