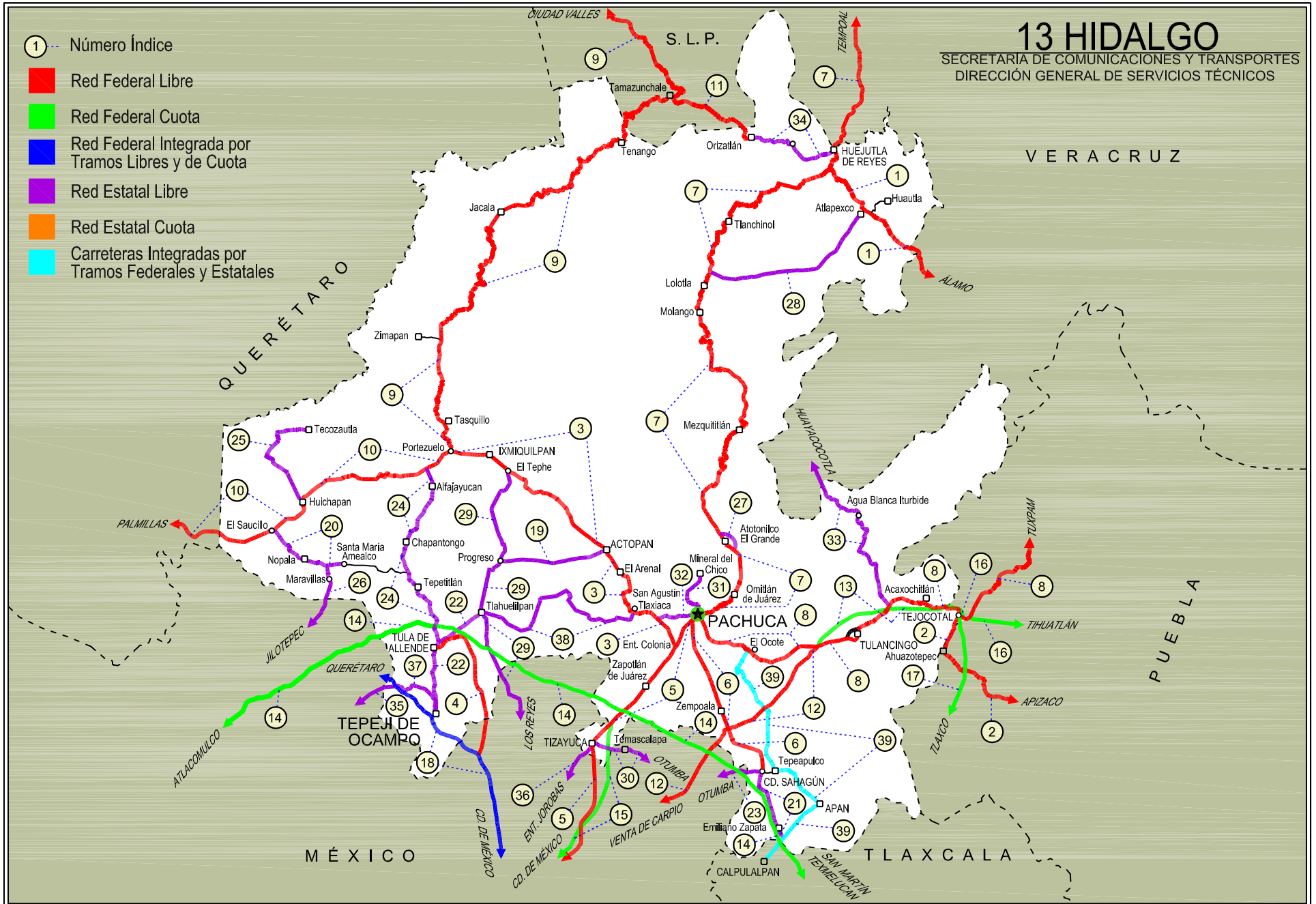


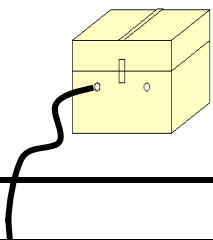
# 13 HIDALGO

SECRETARÍA DE COMUNICACIONES Y TRANSPORTES  
DIRECCIÓN GENERAL DE SERVICIOS TÉCNICOS

- ① - Número Índice
- Red Federal Libre
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HIDALGO

| NO. INDICE CARRETERA   | RUTA             |
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| ---RED FEDERAL LIBRE---                                      |                  |
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| 2 Apizaco - Tejocotal  | MEX-119          |
| 3 Ent. Colonia - Portezuelo                                  | MEX-085          |
| 4 Ent. Jorobas - Tula  | MEX-087          |
| 5 México - Pachuca (Libre)                                   | MEX-085          |
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| 7 Pachuca - Tempoal  | MEX-105          |
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| 9 Portezuelo - Cd. Valles                                    | MEX-085          |
| 10 Portezuelo - Palmillas                                    | MEX-045          |
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| 12 Venta de Carpio - T. C. (Pachuca - Tuxpam)                | MEX-132          |
| ---RED FEDERAL DE CUOTA---                                   |                  |
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| 14 Libramiento Norte de la Ciudad de México (Cuota)          | MEX-M40D         |
| 15 México - Pachuca (Cuota)                                  | MEX-085D         |
| 16 Tejocotal - Nuevo Necaxa (Cuota)                          | MEX-132D         |
| 17 Tlaxco - Tejocotal (Cuota)                                | MEX-119D         |
| ---RED FEDERAL INTEGRADA POR TRAMOS LIBRES Y DE CUOTA---     |                  |
| 18 México - Querétaro (Cuota)                                | MEX-057-MEX-057D |
| ---RED ESTATAL LIBRE---                                      |                  |
| 19 Actopan - Progreso  | HGO              |
| 20 El Saucillo - Amealco                                     | HGO-103          |
| 21 Ent. Emiliano Zapata - Cd. Sahagún                        | HGO              |
| 22 Ent. Tepeji del Río - Tlahuelilpan                        | HGO-017          |
| 23 Ent. Tolman - Cd. Sahagún                                 | EM-009-HGO       |
| 24 Francisco I. Madero - Tula de Allende                     | HGO              |
| 25 Huichapan - Tecozautla                                    | HGO-030          |
| 26 Jilotepec - Maravillas                                    | EM-HGO           |
| 27 Libramiento de Atotonilco El Grande                       | HGO              |
| 28 Lolotla - Atlapexco                                       | HGO              |
| 29 Los Reyes - El Tephé                                      | EM-HGO           |
| 30 Otumba - Tizayuca   | EM-HGO           |
| 31 Ramal a El Chico  | HGO              |
| 32 Ramal a Pachuca   | HGO              |
| 33 San Alejo - Huayacocotla                                  | HGO-051-VER-113  |
| 34 San Felipe Orizatlán - Huejutla de Reyes                  | HGO              |
| 35 Santo Domingo - T. C. (México - Querétaro)                | EM-011-HGO       |
| 36 T. C. (Los Reyes - El Tephé) - Tizayuca                   | EM-HGO           |
| 37 Tepeji del Río - T.C. (México - Querétaro)                | HGO              |
| 38 Tlahuelilpan - San Agustín Tlaxiaca                       | HGO              |
| ---CARRETERAS INTEGRADAS POR TRAMOS FEDERALES Y ESTATALES--- |                  |
| 39 Calpulalpan - El Ocote                                    | MEX-HGO          |

HIDALGO

1 CARR: Álamo - Huejutla de Reyes

CLAVE: 00116

RUTA: MEX-127

AÑO: 2017

| 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. Tihuatlán - Potrero del Llano         | 0.00     | 3  | 0  | 4276 | 14.1                                 | 70.4 | 0.2 | 8.3 | 1.5 | 4.1  | 0.9  | 0.1    | 0.4   | 84.5 | 0.2 | 15.3 | 0.070 | 0.501       | 20.941667 | -97.705000 |
| Benito Juárez                               | 73.00    | 1  | 0  | 1896 | 4.5                                  | 86.4 | 0.3 | 4.1 | 0.6 | 3.0  | 0.6  | 0.1    | 0.4   | 90.9 | 0.3 | 8.8  | 0.095 | 0.501       | 20.881475 | -98.197849 |
| T. Der. Chicontepec de Tejada               | 78.00    | 3  | 0  | 1082 | 4.8                                  | 85.0 | 0.3 | 8.0 | 0.4 | 0.8  | 0.3  | 0.2    | 0.2   | 89.8 | 0.3 | 9.9  | 0.093 | 0.522       | 20.925367 | -98.223870 |
| Lim. Edos. Term. Ver. Ppia. Hgo.            | 78.70    |    |    |      |                                      |      |     |     |     |      |      |        |       |      |     |      |       |             |           |            |
| T. C. Pachuca - Tempoal (Huejutla de Reyes) | 110.00   |    |    |      |                                      |      |     |     |     |      |      |        |       |      |     |      |       |             |           |            |

2 CARR: Apizaco - Tejocotal

CLAVE: 00430

RUTA: MEX-119

AÑO: 2017

| 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   |
| Apizaco                           | 0.00     | 3  | 1  | 11916 | 1.2                                  | 87.2 | 1.1 | 5.0  | 1.0 | 1.9  | 1.5  | 0.5    | 0.6   | 88.4 | 1.1 | 10.5 | 0.080 | 0.508       | 19.427544 | -98.136298 |
| Apizaco                           | 0.00     | 3  | 2  | 13079 | 1.3                                  | 85.6 | 1.1 | 5.8  | 1.2 | 2.3  | 1.6  | 0.5    | 0.6   | 86.9 | 1.1 | 12.0 | 0.078 | 0.508       | 19.427526 | -98.136303 |
| T. Der. Tetla                     | 6.60     | 3  | 0  | 19136 | 1.0                                  | 81.3 | 2.4 | 9.5  | 1.2 | 2.5  | 1.0  | 0.7    | 0.4   | 82.3 | 2.4 | 15.3 | 0.078 | 0.501       | 19.469346 | -98.111916 |
| T. Izq. Atlangatepec              | 12.15    | 1  | 0  | 12551 | 0.6                                  | 78.9 | 2.3 | 9.4  | 1.6 | 4.4  | 1.6  | 0.5    | 0.7   | 79.5 | 2.3 | 18.2 | 0.076 | 0.506       | 19.505833 | -98.117015 |
| Tlaxco                            | 23.91    | 1  | 0  | 7824  | 1.3                                  | 84.7 | 0.5 | 6.6  | 0.8 | 4.1  | 1.0  | 0.2    | 0.8   | 86.0 | 0.5 | 13.5 | 0.067 | 0.506       | 19.582731 | -98.130705 |
| Tlaxco                            | 23.91    | 3  | 0  | 5387  | 1.7                                  | 78.6 | 1.3 | 9.2  | 1.7 | 4.8  | 1.7  | 0.5    | 0.5   | 80.3 | 1.3 | 18.4 | 0.082 | 0.508       | 19.626413 | -98.124663 |
| Lim. Edos. Term. Tlax. Ppia. Pue. | 34.45    |    |    |       |                                      |      |     |      |     |      |      |        |       |      |     |      |       |             |           |            |
| T. Der. Tetela de Ocampo          | 52.20    | 1  | 0  | 6952  | 2.2                                  | 80.8 | 0.7 | 8.0  | 1.2 | 4.7  | 1.5  | 0.3    | 0.6   | 83.0 | 0.7 | 16.3 | 0.085 | 0.507       | 19.801089 | -98.026394 |
| Zacatlán                          | 71.25    | 1  | 0  | 10298 | 3.3                                  | 81.2 | 1.3 | 5.9  | 0.5 | 4.6  | 1.6  | 0.5    | 1.1   | 84.5 | 1.3 | 14.2 | 0.069 | 0.502       | 19.918535 | -97.959240 |
| Lim. Edos. Term. Pue. Ppia. Hgo.  | 110.45   |    |    |       |                                      |      |     |      |     |      |      |        |       |      |     |      |       |             |           |            |
| T. C. Pachuca - Tuxpam            | 113.15   | 1  | 0  | 7928  | 2.0                                  | 81.8 | 1.9 | 10.5 | 1.1 | 1.1  | 0.9  | 0.5    | 0.2   | 83.8 | 1.9 | 14.3 | 0.084 | 0.514       | 20.123862 | -98.128687 |

3 CARR: Ent. Colonia - Portezuelo

CLAVE: 13257

RUTA: MEX-085

AÑO: 2017

| 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   |
| Ent. Colonia    | 0.00     | 3  | 1  | 29678 | 1.2                                  | 91.5 | 0.3 | 3.3 | 0.9 | 1.4  | 0.9  | 0.2    | 0.3   | 92.7 | 0.3 | 7.0  | 0.089 | 0.505       | 20.061163 | -98.787078 |
| Ent. Colonia    | 0.00     | 3  | 2  | 30234 | 1.4                                  | 90.1 | 0.3 | 4.0 | 1.1 | 1.6  | 1.0  | 0.2    | 0.3   | 91.5 | 0.3 | 8.2  | 0.066 | 0.505       | 20.061074 | -98.787220 |
| T. Der. Pachuca | 8.34     | 3  | 1  | 17768 | 0.5                                  | 88.1 | 2.1 | 6.3 | 1.0 | 1.1  | 0.5  | 0.3    | 0.1   | 88.6 | 2.1 | 9.3  | 0.095 | 0.510       | 20.127148 | -98.837068 |
| T. Der. Pachuca | 8.34     | 3  | 2  | 18467 | 0.5                                  | 87.0 | 2.3 | 6.9 | 1.1 | 1.3  | 0.5  | 0.3    | 0.1   | 87.5 | 2.3 | 10.2 | 0.091 | 0.510       | 20.127216 | -98.836971 |
| Actopan         | 34.13    | 1  | 1  | 14175 | 1.6                                  | 84.0 | 1.6 | 8.5 | 1.2 | 1.9  | 0.7  | 0.4    | 0.1   | 85.6 | 1.6 | 12.8 | 0.086 | 0.504       | 20.249974 | -98.932498 |
| Actopan         | 34.13    | 1  | 2  | 14423 | 1.5                                  | 83.4 | 1.7 | 8.9 | 1.2 | 2.1  | 0.7  | 0.4    | 0.1   | 84.9 | 1.7 | 13.4 | 0.090 | 0.504       | 20.249896 | -98.932547 |
| Actopan         | 34.13    | 3  | 1  | 9238  | 2.5                                  | 80.5 | 2.5 | 9.4 | 1.4 | 2.4  | 0.7  | 0.5    | 0.1   | 83.0 | 2.5 | 14.5 | 0.080 | 0.514       | 20.290430 | -98.975829 |
| Actopan         | 34.13    | 3  | 2  | 9776  | 2.0                                  | 84.4 | 1.2 | 7.5 | 1.3 | 2.1  | 0.9  | 0.5    | 0.1   | 86.4 | 1.2 | 12.4 | 0.095 | 0.514       | 20.290437 | -98.975687 |
| T. Izq. Tula    | 68.20    | 1  | 1  | 8296  | 2.7                                  | 84.3 | 1.2 | 6.9 | 1.4 | 2.1  | 0.8  | 0.5    | 0.1   | 87.0 | 1.2 | 11.8 | 0.083 | 0.508       | 20.435464 | -99.156798 |

HIDALGO

3 CARR: Ent. Colonia - Portezuelo

CLAVE: 13257

RUTA: MEX-085

AÑO: 2017

| 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. Tula | 68.20    | 1  | 2  | 8029  | 3.1                                  | 82.2 | 1.3 | 8.2 | 1.4 | 2.4  | 0.8  | 0.5    | 0.1   | 85.3 | 1.3         | 13.4 | 0.097 | 0.508 | 20.435369 | -99.156857 |
| Ixmiquilpan  | 75.20    | 1  | 1  | 13658 | 2.6                                  | 82.1 | 1.1 | 7.9 | 1.1 | 2.7  | 1.5  | 0.5    | 0.5   | 84.7 | 1.1         | 14.2 | 0.086 | 0.503 | 20.466170 | -99.199230 |
| Ixmiquilpan  | 75.20    | 1  | 2  | 13495 | 2.4                                  | 80.8 | 1.2 | 8.6 | 1.2 | 3.0  | 1.7  | 0.5    | 0.6   | 83.2 | 1.2         | 15.6 | 0.068 | 0.503 | 20.466258 | -99.199135 |
| Ixmiquilpan  | 75.20    | 3  | 1  | 8681  | 3.3                                  | 78.4 | 1.3 | 9.2 | 1.3 | 3.6  | 1.6  | 0.7    | 0.6   | 81.7 | 1.3         | 17.0 | 0.078 | 0.500 | 20.479475 | -99.248696 |
| Ixmiquilpan  | 75.20    | 3  | 2  | 8678  | 3.0                                  | 77.3 | 1.4 | 9.8 | 1.5 | 3.9  | 1.7  | 0.7    | 0.7   | 80.3 | 1.4         | 18.3 | 0.073 | 0.500 | 20.479542 | -99.248660 |
| Portezuelo   | 82.00    |    |    |       |                                      |      |     |     |     |      |      |        |       |      |             |      |       |       |           |            |

4 CARR: Ent. Jorobas - Tula

CLAVE: 00159

RUTA: MEX-087

AÑO: 2017

| LUGAR                            | ESTACION |    |    |       | CLASIFICACION VEHICULAR EN PORCIENTO |      |     |     |     |      |      |        |       |      | COORDENADAS |      |       |       |           |            |
|----------------------------------|----------|----|----|-------|--------------------------------------|------|-----|-----|-----|------|------|--------|-------|------|-------------|------|-------|-------|-----------|------------|
|                                  | KM       | TE | SC | TDPA  | M                                    | A    | B   | C2  | C3  | T3S2 | T3S3 | T3S2R4 | OTROS | A    | B           | C    | K'    | D     | LATITUD   | LONGITUD   |
| T. C. México - Querétaro (Cuota) | 0.00     | 3  | 1  | 12619 | 2.5                                  | 81.4 | 1.5 | 6.3 | 1.6 | 3.6  | 1.5  | 0.8    | 0.8   | 83.9 | 1.5         | 14.6 | 0.083 | 0.506 | 19.833952 | -99.243827 |
| T. C. México - Querétaro (Cuota) | 0.00     | 3  | 2  | 12927 | 2.6                                  | 80.0 | 1.6 | 6.5 | 1.9 | 3.9  | 1.8  | 0.9    | 0.8   | 82.6 | 1.6         | 15.8 | 0.083 | 0.506 | 19.833986 | -99.243908 |
| Lim. Edos. Term. Mex. Ppia. Hgo. | 5.90     |    |    |       |                                      |      |     |     |     |      |      |        |       |      |             |      |       |       |           |            |
| T. Der. Atotonilco               | 21.50    | 1  | 1  | 7868  | 1.1                                  | 82.9 | 1.2 | 6.0 | 2.5 | 3.1  | 1.9  | 0.7    | 0.6   | 84.0 | 1.2         | 14.8 | 0.080 | 0.512 | 20.015653 | -99.247536 |
| T. Der. Atotonilco               | 21.50    | 1  | 2  | 8245  | 1.4                                  | 80.8 | 1.2 | 6.7 | 2.7 | 3.6  | 2.2  | 0.8    | 0.6   | 82.2 | 1.2         | 16.6 | 0.084 | 0.512 | 20.015663 | -99.247421 |
| Tula de Allende                  | 37.70    | 1  | 1  | 15710 | 1.7                                  | 85.1 | 1.5 | 4.3 | 2.5 | 2.0  | 1.7  | 0.9    | 0.3   | 86.8 | 1.5         | 11.7 | 0.079 | 0.507 | 20.059632 | -99.288920 |
| Tula de Allende                  | 37.70    | 1  | 2  | 15246 | 1.6                                  | 83.9 | 1.7 | 4.8 | 2.7 | 2.2  | 1.8  | 1.0    | 0.3   | 85.5 | 1.7         | 12.8 | 0.106 | 0.507 | 20.059535 | -99.288936 |

5 CARR: México - Pachuca (Libre)

CLAVE: 00431

RUTA: MEX-085

AÑO: 2017

| 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   |
| México                                     | 0.00     |    |    |       |                                      |      |     |      |     |      |      |        |       |      |             |      |       |       |           |            |
| Lim. Edos. Term. D. F. Ppia. Mex.          | 9.89     |    |    |       |                                      |      |     |      |     |      |      |        |       |      |             |      |       |       |           |            |
| T. Der. Pirámides                          | 26.93    | 1  | 1  | 15665 | 3.2                                  | 82.3 | 1.1 | 4.4  | 0.9 | 5.8  | 1.2  | 0.6    | 0.5   | 85.5 | 1.1         | 13.4 | 0.049 | 0.500 | 19.617583 | -99.010516 |
| T. Der. Pirámides                          | 26.93    | 1  | 2  | 15646 | 3.1                                  | 81.1 | 1.3 | 5.0  | 1.0 | 6.2  | 1.2  | 0.6    | 0.5   | 84.2 | 1.3         | 14.5 | 0.049 | 0.500 | 19.617475 | -99.010433 |
| Venta de Carpio                            | 27.00    | 3  | 1  | 24536 | 3.3                                  | 87.7 | 0.3 | 4.8  | 0.9 | 1.5  | 1.2  | 0.0    | 0.3   | 91.0 | 0.3         | 8.7  | 0.059 | 0.509 | 19.625728 | -99.002972 |
| Venta de Carpio                            | 27.00    | 3  | 2  | 23663 | 3.3                                  | 86.7 | 0.3 | 5.3  | 1.0 | 1.7  | 1.4  | 0.0    | 0.3   | 90.0 | 0.3         | 9.7  | 0.057 | 0.509 | 19.625818 | -99.003150 |
| T. Der. Autopista México - Tecámac (Cuota) | 37.52    | 1  | 1  | 29587 | 1.5                                  | 92.9 | 0.3 | 3.9  | 0.6 | 0.5  | 0.3  | 0.0    | 0.0   | 94.4 | 0.3         | 5.3  | 0.074 | 0.505 | 19.703689 | -98.978632 |
| T. Der. Autopista México - Tecámac (Cuota) | 37.52    | 1  | 2  | 30131 | 1.7                                  | 92.3 | 0.3 | 4.3  | 0.6 | 0.5  | 0.3  | 0.0    | 0.0   | 94.0 | 0.3         | 5.7  | 0.072 | 0.505 | 19.703729 | -98.978760 |
| T. Izq. Zumpango                           | 44.68    | 1  | 1  | 18228 | 3.2                                  | 84.4 | 0.9 | 7.9  | 1.0 | 1.0  | 1.2  | 0.1    | 0.3   | 87.6 | 0.9         | 11.5 | 0.059 | 0.505 | 19.760665 | -98.973564 |
| T. Izq. Zumpango                           | 44.68    | 1  | 2  | 18591 | 3.1                                  | 82.5 | 1.1 | 9.2  | 1.2 | 1.2  | 1.3  | 0.1    | 0.3   | 85.6 | 1.1         | 13.3 | 0.060 | 0.505 | 19.760776 | -98.973650 |
| T. Izq. Zumpango                           | 44.68    | 3  | 1  | 11215 | 2.0                                  | 83.6 | 1.3 | 9.0  | 1.8 | 1.4  | 0.7  | 0.1    | 0.1   | 85.6 | 1.3         | 13.1 | 0.071 | 0.517 | 19.770508 | -98.973241 |
| T. Izq. Zumpango                           | 44.68    | 3  | 2  | 10488 | 2.6                                  | 80.6 | 1.5 | 10.8 | 2.0 | 1.4  | 0.9  | 0.1    | 0.1   | 83.2 | 1.5         | 15.3 | 0.073 | 0.517 | 19.770503 | -98.973177 |

HIDALGO

5 CARR: México - Pachuca (Libre)

CLAVE: 00431

RUTA: MEX-085

AÑO: 2017

| 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. Mex. Ppia. Hgo.        | 49.30    |    |    |       |                                      |      |     |     |     |      |      |        |       |      |     |      |       |             |           |            |
| Tizayuca                                | 52.50    | 3  | 1  | 13233 | 2.8                                  | 84.8 | 2.0 | 5.7 | 1.5 | 1.0  | 1.6  | 0.2    | 0.4   | 87.6 | 2.0 | 10.4 | 0.085 | 0.516       | 19.862288 | -98.964422 |
| Tizayuca                                | 52.50    | 3  | 2  | 14086 | 3.2                                  | 82.8 | 2.2 | 6.5 | 1.6 | 1.2  | 1.9  | 0.2    | 0.4   | 86.0 | 2.2 | 11.8 | 0.083 | 0.516       | 19.862290 | -98.964413 |
| T. C. México - Tizayuca (Cuota)         | 61.00    | 3  | 1  | 26563 | 1.0                                  | 87.0 | 3.3 | 4.7 | 1.5 | 1.1  | 0.8  | 0.4    | 0.2   | 88.0 | 3.3 | 8.7  | 0.061 | 0.506       | 19.895733 | -98.930746 |
| T. C. México - Tizayuca (Cuota)         | 61.00    | 3  | 2  | 25980 | 1.1                                  | 86.0 | 3.4 | 5.2 | 1.6 | 1.3  | 0.8  | 0.4    | 0.2   | 87.1 | 3.4 | 9.5  | 0.062 | 0.506       | 19.895828 | -98.930884 |
| X. C. Arco Norte de La Ciudad de México | 64.20    | 1  | 1  | 24172 | 0.9                                  | 86.3 | 3.1 | 5.5 | 1.3 | 1.7  | 0.6  | 0.4    | 0.2   | 87.2 | 3.1 | 9.7  | 0.060 | 0.510       | 19.923071 | -98.900680 |
| X. C. Arco Norte de La Ciudad de México | 64.20    | 1  | 2  | 25168 | 1.0                                  | 84.8 | 3.7 | 6.0 | 1.4 | 1.9  | 0.6  | 0.4    | 0.2   | 85.8 | 3.7 | 10.5 | 0.063 | 0.510       | 19.923342 | -98.900820 |
| X. C. Arco Norte de La Ciudad de México | 64.20    | 3  | 1  | 27157 | 0.8                                  | 87.0 | 3.6 | 5.2 | 0.9 | 1.4  | 0.6  | 0.3    | 0.2   | 87.8 | 3.6 | 8.6  | 0.062 | 0.507       | 19.929263 | -98.893593 |
| X. C. Arco Norte de La Ciudad de México | 64.20    | 3  | 2  | 26387 | 0.9                                  | 85.3 | 4.3 | 5.8 | 0.9 | 1.6  | 0.7  | 0.3    | 0.2   | 86.2 | 4.3 | 9.5  | 0.065 | 0.507       | 19.929211 | -98.893174 |
| Ent. Colonia                            | 83.97    | 1  | 1  | 36715 | 0.9                                  | 88.4 | 3.2 | 4.9 | 0.5 | 1.4  | 0.4  | 0.1    | 0.2   | 89.3 | 3.2 | 7.5  | 0.078 | 0.508       | 20.044829 | -98.792298 |
| Ent. Colonia                            | 83.97    | 1  | 2  | 37983 | 0.9                                  | 87.3 | 3.6 | 5.5 | 0.5 | 1.5  | 0.4  | 0.1    | 0.2   | 88.2 | 3.6 | 8.2  | 0.082 | 0.508       | 20.044987 | -98.792532 |
| X. C. Libramiento de Pachuca            | 86.50    | 1  | 1  | 38475 | 0.9                                  | 88.7 | 3.0 | 4.2 | 0.6 | 1.2  | 0.9  | 0.3    | 0.2   | 89.6 | 3.0 | 7.4  | 0.051 | 0.504       | 20.096549 | -98.767510 |
| X. C. Libramiento de Pachuca            | 86.50    | 1  | 2  | 37799 | 0.9                                  | 88.1 | 3.3 | 4.3 | 0.6 | 1.3  | 1.0  | 0.3    | 0.2   | 89.0 | 3.3 | 7.7  | 0.051 | 0.504       | 20.096689 | -98.767619 |
| Pachuca                                 | 94.00    |    |    |       |                                      |      |     |     |     |      |      |        |       |      |     |      |       |             |           |            |

6 CARR: Pachuca - Cd. Sahagún

CLAVE: 13088

RUTA: MEX

AÑO: 2017

| 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   |
| Pachuca                            | 0.00     | 3  | 1  | 23722 | 1.1                                  | 89.7 | 0.7 | 3.9 | 1.1 | 1.4  | 1.5  | 0.2    | 0.4   | 90.8 | 0.7 | 8.5  | 0.069 | 0.503       | 20.072495 | -98.744799 |
| Pachuca                            | 0.00     | 3  | 2  | 23449 | 1.0                                  | 88.8 | 0.8 | 4.4 | 1.1 | 1.6  | 1.7  | 0.2    | 0.4   | 89.8 | 0.8 | 9.4  | 0.081 | 0.503       | 20.072500 | -98.744605 |
| T. Der. Palma Gorda                | 11.00    | 1  | 1  | 20856 | 1.0                                  | 89.6 | 0.8 | 4.4 | 1.0 | 1.5  | 1.1  | 0.2    | 0.4   | 90.6 | 0.8 | 8.6  | 0.066 | 0.516       | 20.046627 | -98.736762 |
| T. Der. Palma Gorda                | 11.00    | 1  | 2  | 22213 | 0.7                                  | 88.7 | 0.9 | 5.3 | 1.2 | 1.5  | 1.1  | 0.2    | 0.4   | 89.4 | 0.9 | 9.7  | 0.067 | 0.516       | 20.046639 | -98.736568 |
| X. C. Venta de Carpio - Tulancingo | 29.40    | 1  | 1  | 8956  | 0.8                                  | 85.8 | 1.3 | 6.5 | 1.7 | 2.3  | 1.1  | 0.3    | 0.2   | 86.6 | 1.3 | 12.1 | 0.090 | 0.502       | 19.883685 | -98.666088 |
| X. C. Venta de Carpio - Tulancingo | 29.40    | 1  | 2  | 8892  | 0.8                                  | 85.1 | 1.3 | 7.0 | 1.7 | 2.4  | 1.2  | 0.3    | 0.2   | 85.9 | 1.3 | 12.8 | 0.086 | 0.502       | 19.884735 | -98.666322 |
| X. C. Venta de Carpio - Tulancingo | 29.40    | 3  | 1  | 7817  | 0.8                                  | 87.5 | 0.9 | 5.5 | 1.6 | 2.2  | 1.0  | 0.3    | 0.2   | 88.3 | 0.9 | 10.8 | 0.076 | 0.503       | 19.868143 | -98.660292 |
| X. C. Venta de Carpio - Tulancingo | 29.40    | 3  | 2  | 7926  | 0.8                                  | 84.7 | 1.4 | 7.5 | 1.4 | 2.7  | 0.9  | 0.4    | 0.2   | 85.5 | 1.4 | 13.1 | 0.073 | 0.503       | 19.869045 | -98.660546 |
| Cd. Sahagún                        | 44.70    |    |    |       |                                      |      |     |     |     |      |      |        |       |      |     |      |       |             |           |            |

7 CARR: Pachuca - Tempoal

CLAVE: 00113

RUTA: MEX-105

AÑO: 2017

| 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   |
| Pachuca                               | 0.00     | 3  | 0  | 7142  | 1.2                                  | 93.3 | 0.5 | 2.0 | 0.4 | 2.0  | 0.2  | 0.0    | 0.4   | 94.5 | 0.5 | 5.0 | 0.066 | 0.512       | 20.130547 | -98.716147 |
| T. Der. Omitlán de Juárez (1º Acceso) | 18.20    | 1  | 0  | 13738 | 1.0                                  | 91.2 | 1.2 | 4.3 | 0.7 | 0.9  | 0.6  | 0.0    | 0.1   | 92.2 | 1.2 | 6.6 | 0.092 | 0.503       | 20.160462 | -98.654325 |

HIDALGO

7 CARR: Pachuca - Tempoal

CLAVE: 00113

RUTA: MEX-105

AÑO: 2017

| 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   |
| Atotonilco El Grande             | 33.85    | 3  | 1  | 5113 | 0.6                                  | 90.2 | 1.3 | 5.6  | 1.0 | 0.4  | 0.7  | 0.1    | 0.1   | 90.8 | 1.3 | 7.9  | 0.102 | 0.527       | 20.302466 | -98.681791 |
| Atotonilco El Grande             | 33.85    | 3  | 2  | 4596 | 0.7                                  | 89.1 | 1.4 | 6.4  | 1.0 | 0.4  | 0.8  | 0.1    | 0.1   | 89.8 | 1.4 | 8.8  | 0.086 | 0.527       | 20.302601 | -98.681595 |
| T. Izq. Metztlán                 | 63.70    | 1  | 0  | 5652 | 0.6                                  | 86.4 | 1.4 | 5.3  | 1.1 | 3.0  | 1.2  | 0.2    | 0.8   | 87.0 | 1.4 | 11.6 | 0.086 | 0.515       | 20.467608 | -98.673670 |
| T. Izq. Metztlán                 | 63.70    | 3  | 0  | 4894 | 0.5                                  | 85.0 | 1.5 | 7.2  | 0.9 | 2.8  | 1.2  | 0.2    | 0.7   | 85.5 | 1.5 | 13.0 | 0.085 | 0.509       | 20.470069 | -98.668233 |
| Metzquitlán                      | 75.00    | 1  | 0  | 5651 | 0.8                                  | 87.6 | 1.4 | 5.3  | 1.0 | 2.5  | 0.9  | 0.1    | 0.4   | 88.4 | 1.4 | 10.2 | 0.085 | 0.512       | 20.528501 | -98.643777 |
| T. Izq. Zacualtipán              | 96.50    | 1  | 0  | 8725 | 2.6                                  | 84.7 | 0.8 | 5.5  | 0.5 | 4.4  | 0.8  | 0.2    | 0.5   | 87.3 | 0.8 | 11.9 | 0.079 | 0.501       | 20.647945 | -98.643272 |
| T. Izq. Zacualtipán              | 96.50    | 3  | 0  | 6692 | 4.0                                  | 83.2 | 0.8 | 5.0  | 0.7 | 4.3  | 0.9  | 0.2    | 0.9   | 87.2 | 0.8 | 12.0 | 0.106 | 0.511       | 20.657056 | -98.654806 |
| X. C. Molango - Xochicoatlán     | 129.80   | 1  | 0  | 3869 | 1.7                                  | 85.1 | 2.1 | 4.9  | 1.5 | 2.6  | 1.2  | 0.3    | 0.6   | 86.8 | 2.1 | 11.1 | 0.073 | 0.510       | 20.787206 | -98.721538 |
| X. C. Molango - Xochicoatlán     | 129.80   | 3  | 0  | 3532 | 1.9                                  | 85.6 | 2.0 | 5.3  | 1.6 | 2.3  | 0.9  | 0.1    | 0.3   | 87.5 | 2.0 | 10.5 | 0.080 | 0.508       | 20.794036 | -98.726120 |
| T. Izq. Tepehuacán de Guerrero   | 157.70   | 1  | 0  | 2497 | 1.9                                  | 82.8 | 2.6 | 5.5  | 2.5 | 2.7  | 1.1  | 0.3    | 0.6   | 84.7 | 2.6 | 12.7 | 0.076 | 0.508       | 20.964672 | -98.682871 |
| Tehuacán                         | 199.20   | 1  | 0  | 2417 | 5.0                                  | 80.8 | 2.0 | 5.0  | 2.0 | 2.5  | 1.7  | 0.3    | 0.7   | 85.8 | 2.0 | 12.2 | 0.077 | 0.500       | 21.055384 | -98.512592 |
| T. Izq. Huejutla (1° Acceso)     | 214.60   | 1  | 0  | 9937 | 3.4                                  | 84.6 | 0.4 | 3.3  | 0.4 | 4.6  | 1.9  | 0.4    | 1.0   | 88.0 | 0.4 | 11.6 | 0.083 | 0.507       | 21.122984 | -98.418798 |
| T. Izq. Huejutla (1° Acceso)     | 214.60   | 3  | 0  | 8476 | 4.5                                  | 81.9 | 0.8 | 4.6  | 0.6 | 5.1  | 1.1  | 0.4    | 1.0   | 86.4 | 0.8 | 12.8 | 0.079 | 0.504       | 21.128857 | -98.408065 |
| Lim. Edos. Term. Hgo. Ppia. Ver. | 217.20   |    |    |      |                                      |      |     |      |     |      |      |        |       |      |     |      |       |             |           |            |
| T. C. Alazán - Canoas            | 260.68   | 1  | 0  | 2107 | 2.7                                  | 72.1 | 2.7 | 12.2 | 2.4 | 2.7  | 3.5  | 1.5    | 0.2   | 74.8 | 2.7 | 22.5 | 0.087 | 0.533       | 21.491812 | -98.357349 |

8 CARR: Pachuca - Tuxpam

CLAVE: 00608

RUTA: MEX-130

AÑO: 2017

| 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   |
| Pachuca                            | 0.00     |    |    |       |                                      |      |     |     |     |      |      |        |       |      |     |      |       |             |           |            |
| X. C. Libramiento de Pachuca       | 2.60     | 3  | 1  | 23348 | 1.0                                  | 94.8 | 0.2 | 2.9 | 0.1 | 0.5  | 0.4  | 0.0    | 0.1   | 95.8 | 0.2 | 4.0  | 0.088 | 0.511       | 20.087223 | -98.713317 |
| X. C. Libramiento de Pachuca       | 2.60     | 3  | 2  | 24398 | 0.9                                  | 94.7 | 0.2 | 3.1 | 0.1 | 0.5  | 0.4  | 0.0    | 0.1   | 95.6 | 0.2 | 4.2  | 0.085 | 0.511       | 20.087224 | -98.713471 |
| T. Izq. Pachuquilla (1° Acceso)    | 7.00     | 1  | 1  | 17754 | 1.2                                  | 92.3 | 0.4 | 4.1 | 0.8 | 0.5  | 0.5  | 0.1    | 0.1   | 93.5 | 0.4 | 6.1  | 0.076 | 0.500       | 20.077496 | -98.709338 |
| T. Izq. Pachuquilla (1° Acceso)    | 7.00     | 1  | 2  | 17739 | 1.2                                  | 91.3 | 0.4 | 4.7 | 0.8 | 0.7  | 0.6  | 0.1    | 0.2   | 92.5 | 0.4 | 7.1  | 0.111 | 0.500       | 20.077398 | -98.709454 |
| T. Izq. Pachuquilla (2° Acceso)    | 10.50    | 1  | 1  | 10600 | 1.2                                  | 92.0 | 0.4 | 4.1 | 0.9 | 0.6  | 0.5  | 0.2    | 0.1   | 93.2 | 0.4 | 6.4  | 0.073 | 0.513       | 20.066674 | -98.676193 |
| T. Izq. Pachuquilla (2° Acceso)    | 10.50    | 1  | 2  | 10045 | 1.2                                  | 91.4 | 0.4 | 4.7 | 0.9 | 0.6  | 0.5  | 0.2    | 0.1   | 92.6 | 0.4 | 7.0  | 0.091 | 0.513       | 20.066533 | -98.676185 |
| T. Der. Cd. Sahagún                | 16.59    | 1  | 1  | 8487  | 1.8                                  | 91.1 | 0.4 | 4.3 | 0.8 | 0.6  | 0.5  | 0.3    | 0.2   | 92.9 | 0.4 | 6.7  | 0.074 | 0.517       | 20.056646 | -98.625861 |
| T. Der. Cd. Sahagún                | 16.59    | 1  | 2  | 9080  | 1.7                                  | 91.1 | 0.4 | 4.4 | 0.8 | 0.6  | 0.5  | 0.3    | 0.2   | 92.8 | 0.4 | 6.8  | 0.083 | 0.517       | 20.056646 | -98.625861 |
| T. C. Venta de Carpio - Tulancingo | 36.45    | 1  | 1  | 8469  | 1.2                                  | 92.0 | 0.4 | 4.0 | 0.8 | 0.6  | 0.5  | 0.2    | 0.3   | 93.2 | 0.4 | 6.4  | 0.079 | 0.528       | 20.056191 | -98.461251 |
| T. C. Venta de Carpio - Tulancingo | 36.45    | 1  | 2  | 9474  | 1.1                                  | 91.7 | 0.4 | 4.4 | 0.8 | 0.6  | 0.5  | 0.2    | 0.3   | 92.8 | 0.4 | 6.8  | 0.088 | 0.528       | 20.056361 | -98.461237 |
| T. C. Venta de Carpio - Tulancingo | 36.45    | 3  | 1  | 14956 | 0.9                                  | 87.2 | 2.2 | 5.7 | 1.2 | 1.7  | 0.7  | 0.2    | 0.2   | 88.1 | 2.2 | 9.7  | 0.105 | 0.512       | 20.062961 | -98.439568 |
| T. C. Venta de Carpio - Tulancingo | 36.45    | 3  | 2  | 14266 | 0.9                                  | 86.1 | 2.4 | 6.3 | 1.3 | 1.8  | 0.8  | 0.2    | 0.2   | 87.0 | 2.4 | 10.6 | 0.083 | 0.512       | 20.063448 | -98.438879 |
| T. Izq. Libramiento de Tulancingo  | 59.33    | 3  | 1  | 7879  | 1.3                                  | 84.6 | 1.5 | 8.2 | 1.9 | 1.0  | 0.8  | 0.5    | 0.2   | 85.9 | 1.5 | 12.6 | 0.075 | 0.505       | 20.151749 | -98.285046 |
| T. Izq. Libramiento de Tulancingo  | 59.33    | 3  | 2  | 7715  | 1.0                                  | 83.1 | 1.7 | 9.3 | 2.1 | 1.1  | 1.0  | 0.5    | 0.2   | 84.1 | 1.7 | 14.2 | 0.073 | 0.505       | 20.151769 | -98.285105 |



HIDALGO

8 CARR: Pachuca - Tuxpam

CLAVE: 00608

RUTA: MEX-130

AÑO: 2017

| 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. Huayacocotla             | 60.16    | 3  | 0  | 12329 | 1.3                                  | 84.2 | 3.9 | 7.5  | 0.9 | 1.0  | 0.4  | 0.6    | 0.2   | 85.5 | 3.9 | 10.6 | 0.068 | 0.501       | 20.157562 | -98.278898 |
| Lim. Edos. Term. Hgo. Ppia. Pue. | 83.18    |    |    |       |                                      |      |     |      |     |      |      |        |       |      |     |      |       |             |           |            |
| T. Der. Huauchinango (1° Acceso) | 94.00    | 1  | 0  | 5281  | 1.7                                  | 81.2 | 1.5 | 11.2 | 0.9 | 2.1  | 0.8  | 0.1    | 0.5   | 82.9 | 1.5 | 15.6 | 0.070 | 0.505       | 20.168852 | -98.074579 |
| T. Der. Huauchinango (2° Acceso) | 100.00   | 3  | 0  | 7358  | 2.0                                  | 75.8 | 3.2 | 12.0 | 0.9 | 3.3  | 1.5  | 0.5    | 0.8   | 77.8 | 3.2 | 19.0 | 0.067 | 0.518       | 20.192994 | -98.036058 |
| Villa Ávila Camacho              | 141.75   | 1  | 0  | 6257  | 1.4                                  | 62.3 | 6.3 | 13.3 | 3.4 | 6.4  | 3.5  | 2.3    | 1.1   | 63.7 | 6.3 | 30.0 | 0.068 | 0.500       | 20.383056 | -97.884222 |
| Villa Ávila Camacho              | 141.75   | 3  | 0  | 7765  | 1.3                                  | 68.0 | 5.0 | 11.2 | 3.0 | 6.2  | 2.6  | 1.8    | 0.9   | 69.3 | 5.0 | 25.7 | 0.071 | 0.502       | 20.395556 | -97.871944 |
| Piedras Negras                   | 158.70   | 1  | 0  | 4139  | 0.8                                  | 59.8 | 7.3 | 13.9 | 4.3 | 7.5  | 3.3  | 2.1    | 1.0   | 60.6 | 7.3 | 32.1 | 0.070 | 0.511       | 20.438194 | -97.763455 |
| T. Izq. Venustiano Carranza      | 174.10   | 3  | 0  | 5036  | 1.2                                  | 65.4 | 2.4 | 15.9 | 3.5 | 6.2  | 3.7  | 1.1    | 0.6   | 66.6 | 2.4 | 31.0 | 0.067 | 0.508       | 20.483137 | -97.636158 |
| Lim. Edos. Term. Pue. Ppia. Ver. | 180.00   |    |    |       |                                      |      |     |      |     |      |      |        |       |      |     |      |       |             |           |            |
| T. Der. Poza Rica                | 197.00   | 1  | 0  | 16700 | 2.1                                  | 77.0 | 0.9 | 11.9 | 2.2 | 2.6  | 2.1  | 0.5    | 0.7   | 79.1 | 0.9 | 20.0 | 0.081 | 0.505       | 20.519542 | -97.492887 |
| T. Der. Poza Rica                | 197.00   | 3  | 0  | 20048 | 1.8                                  | 77.7 | 3.1 | 10.5 | 2.5 | 1.3  | 1.8  | 0.9    | 0.4   | 79.5 | 3.1 | 17.4 | 0.062 | 0.516       | 20.560910 | -97.476905 |
| Tihuatlán                        | 217.00   | 1  | 0  | 12617 | 1.0                                  | 69.6 | 3.1 | 9.6  | 3.2 | 7.6  | 2.8  | 2.6    | 0.5   | 70.6 | 3.1 | 26.3 | 0.068 | 0.500       | 20.698718 | -97.527786 |
| Tihuatlán                        | 217.00   | 3  | 0  | 3132  | 3.5                                  | 77.3 | 0.4 | 11.6 | 1.3 | 3.0  | 1.8  | 0.6    | 0.5   | 80.8 | 0.4 | 18.8 | 0.064 | 0.508       | 20.721111 | -97.527778 |
| T. C. Tihuatlán - Tuxpam (Cuota) | 232.50   | 1  | 0  | 2125  | 5.8                                  | 75.5 | 0.2 | 12.7 | 1.3 | 2.5  | 1.1  | 0.5    | 0.4   | 81.3 | 0.2 | 18.5 | 0.074 | 0.504       | 20.814167 | -97.476944 |

9 CARR: Portezuelo - Cd. Valles

CLAVE: 00023

RUTA: MEX-085

AÑO: 2017

| 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   |
| Portezuelo                           | 0.00     | 3  | 0  | 5758  | 1.1                                  | 84.5 | 1.0 | 8.4  | 1.3 | 2.4  | 0.9  | 0.1    | 0.3   | 85.6 | 1.0 | 13.4 | 0.078 | 0.522       | 20.488169 | -99.298377 |
| T. Der. Tasquillo (2° Acceso)        | 10.50    | 1  | 0  | 4343  | 3.1                                  | 84.6 | 0.8 | 6.6  | 1.0 | 2.4  | 1.0  | 0.1    | 0.4   | 87.7 | 0.8 | 11.5 | 0.080 | 0.513       | 20.539748 | -99.316815 |
| T. Izq. Zimapán (1° Acceso)          | 32.00    | 1  | 0  | 5196  | 2.7                                  | 83.9 | 0.7 | 7.3  | 1.0 | 3.0  | 0.9  | 0.1    | 0.4   | 86.6 | 0.7 | 12.7 | 0.072 | 0.500       | 20.699419 | -99.333193 |
| T. Izq. Zimapán (1° Acceso)          | 32.00    | 3  | 0  | 2418  | 1.4                                  | 88.1 | 0.9 | 6.3  | 1.2 | 1.4  | 0.6  | 0.0    | 0.1   | 89.5 | 0.9 | 9.6  | 0.069 | 0.522       | 20.705781 | -99.336087 |
| La Estancia                          | 41.00    | 3  | 0  | 1794  | 1.0                                  | 83.7 | 1.3 | 10.1 | 1.4 | 1.6  | 0.7  | 0.1    | 0.1   | 84.7 | 1.3 | 14.0 | 0.080 | 0.509       | 20.777545 | -99.310308 |
| Trancas                              | 51.00    | 3  | 0  | 1431  | 0.5                                  | 85.7 | 1.4 | 8.6  | 1.4 | 1.3  | 0.7  | 0.0    | 0.4   | 86.2 | 1.4 | 12.4 | 0.085 | 0.502       | 20.802844 | -99.262210 |
| Jacala                               | 98.60    | 3  | 0  | 2371  | 1.7                                  | 85.2 | 0.8 | 9.5  | 0.6 | 1.5  | 0.5  | 0.0    | 0.2   | 86.9 | 0.8 | 12.3 | 0.084 | 0.501       | 21.003019 | -99.184782 |
| Zacate Grande                        | 143.10   | 1  | 0  | 1094  | 3.0                                  | 86.1 | 1.7 | 6.3  | 1.4 | 0.9  | 0.5  | 0.0    | 0.1   | 89.1 | 1.7 | 9.2  | 0.080 | 0.502       | 21.112862 | -99.004863 |
| T. Izq. Pisaflores                   | 154.00   | 3  | 0  | 2041  | 2.1                                  | 84.6 | 1.2 | 7.8  | 1.5 | 1.8  | 0.8  | 0.1    | 0.1   | 86.7 | 1.2 | 12.1 | 0.087 | 0.504       | 21.153643 | -98.949670 |
| Lim. Edos. Term. Hgo. Ppia. S. L. P. | 168.63   |    |    |       |                                      |      |     |      |     |      |      |        |       |      |     |      |       |             |           |            |
| Tamazunchale                         | 192.80   | 1  | 0  | 6123  | 17.6                                 | 67.2 | 2.0 | 8.3  | 0.6 | 3.0  | 0.6  | 0.1    | 0.6   | 84.8 | 2.0 | 13.2 | 0.072 | 0.503       | 21.262293 | -98.800400 |
| T. Izq. Xilitla                      | 228.75   | 1  | 0  | 5755  | 5.5                                  | 76.9 | 1.5 | 10.1 | 1.3 | 3.4  | 0.6  | 0.2    | 0.5   | 82.4 | 1.5 | 16.1 | 0.082 | 0.518       | 21.443465 | -98.925808 |
| T. Izq. Xilitla                      | 228.75   | 3  | 0  | 5116  | 4.4                                  | 78.5 | 1.8 | 8.7  | 1.7 | 3.4  | 0.8  | 0.2    | 0.5   | 82.9 | 1.8 | 15.3 | 0.097 | 0.501       | 21.447752 | -98.930138 |
| T. Izq. Aquismón                     | 252.50   | 1  | 0  | 6063  | 3.0                                  | 76.3 | 2.2 | 9.9  | 2.1 | 4.5  | 1.0  | 0.3    | 0.7   | 79.3 | 2.2 | 18.5 | 0.080 | 0.510       | 21.621994 | -98.987352 |
| Agua Hedionda                        | 265.00   | 1  | 0  | 5110  | 2.2                                  | 82.6 | 1.4 | 7.3  | 2.3 | 3.2  | 0.3  | 0.2    | 0.5   | 84.8 | 1.4 | 13.8 | 0.092 | 0.514       | 21.728818 | -98.964121 |
| Cd. Valles                           | 300.00   | 1  | 0  | 11423 | 3.0                                  | 78.8 | 1.2 | 9.2  | 1.0 | 5.1  | 0.7  | 0.2    | 0.8   | 81.8 | 1.2 | 17.0 | 0.074 | 0.503       | 21.958576 | -98.999028 |

HIDALGO

10 CARR: Portezuelo - Palmillas

CLAVE: 00194

RUTA: MEX-045

AÑO: 2017

| 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   |
| Portezuelo                       | 0.00     | 3  | 1  | 5034 | 1.7                                  | 73.5 | 3.0 | 8.8  | 2.5 | 6.2  | 2.8  | 1.0    | 0.5   | 75.2 | 3.0 | 21.8 | 0.066 | 0.508       | 20.486388 | -99.301208 |
| Portezuelo                       | 0.00     | 3  | 2  | 4869 | 1.9                                  | 70.9 | 3.1 | 10.5 | 2.7 | 6.4  | 2.9  | 1.1    | 0.5   | 72.8 | 3.1 | 24.1 | 0.065 | 0.508       | 20.486316 | -99.301217 |
| Jonacapa                         | 29.41    | 3  | 0  | 6340 | 0.4                                  | 69.7 | 4.6 | 7.6  | 3.3 | 9.0  | 2.9  | 1.5    | 1.0   | 70.1 | 4.6 | 25.3 | 0.056 | 0.508       | 20.435878 | -99.535699 |
| Huichapan                        | 45.10    | 1  | 0  | 9303 | 0.4                                  | 70.0 | 4.4 | 7.5  | 3.3 | 9.0  | 2.9  | 1.6    | 0.9   | 70.4 | 4.4 | 25.2 | 0.068 | 0.501       | 20.391783 | -99.639322 |
| T. Izq. Nopala                   | 56.15    | 1  | 0  | 8932 | 1.1                                  | 69.2 | 5.0 | 7.2  | 2.8 | 7.5  | 3.5  | 2.5    | 1.2   | 70.3 | 5.0 | 24.7 | 0.083 | 0.513       | 20.318649 | -99.712665 |
| Lim. Edos. Term. Hgo. Ppia. Qro. | 71.40    |    |    |      |                                      |      |     |      |     |      |      |        |       |      |     |      |       |             |           |            |
| Palmillas                        | 80.00    | 1  | 0  | 8665 | 0.4                                  | 77.3 | 4.6 | 9.3  | 3.7 | 1.9  | 1.1  | 0.8    | 0.9   | 77.7 | 4.6 | 17.7 | 0.060 | 0.516       | 20.327259 | -99.933751 |

11 CARR: Tamazunchale - San Felipe Orizatlán

CLAVE: 00609

RUTA: MEX-085

AÑO: 2017

| 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. Portezuelo - Cd. Valles        | 0.00     | 3  | 0  | 10029 | 16.3                                 | 67.3 | 0.5 | 7.5 | 0.3 | 5.3  | 1.1  | 0.3    | 1.4   | 83.6 | 0.5 | 15.9 | 0.069 | 0.513       | 21.250129 | -98.767041 |
| Lim. Edos. Term. S. L. P. Ppia. Hgo. | 18.50    |    |    |       |                                      |      |     |     |     |      |      |        |       |      |     |      |       |             |           |            |
| San Felipe Orizatlán                 | 27.10    | 1  | 0  | 2260  | 17.5                                 | 67.6 | 1.1 | 8.9 | 2.0 | 2.1  | 0.6  | 0.0    | 0.2   | 85.1 | 1.1 | 13.8 | 0.085 | 0.502       | 21.170161 | -98.617461 |

12 CARR: Venta de Carpio - T. C. (Pachuca - Tuxpam)

CLAVE: 00455

RUTA: MEX-132

AÑO: 2017

| LUGAR                                   | ESTACION |    |    |       | CLASIFICACION VEHICULAR EN PORCIENTO |      |     |      |     |      |      |        |       |      |     |      |       | COORDENADAS |           |            |
|---|----------|----|----|-------|--------------------------------------|------|-----|------|-----|------|------|--------|-------|------|-----|------|-------|-------------|-----------|------------|
|   | KM       | TE | SC | TDPA  | M                                    | A    | B   | C2   | C3  | T3S2 | T3S3 | T3S2R4 | OTROS | A    | B   | C    | K'    | D           | LATITUD   | LONGITUD   |
| T. C. México - Pachuca (Libre)          | 0.00     |    |    |       |                                      |      |     |      |     |      |      |        |       |      |     |      |       |             |           |            |
| T. Der. Texcoco                         | 6.42     | 3  | 1  | 12575 | 3.7                                  | 86.7 | 0.4 | 5.1  | 1.5 | 1.8  | 0.6  | 0.1    | 0.1   | 90.4 | 0.4 | 9.2  | 0.063 | 0.510       | 19.610760 | -98.946531 |
| T. Der. Texcoco                         | 6.42     | 3  | 2  | 13110 | 3.9                                  | 84.4 | 0.7 | 6.9  | 1.5 | 1.6  | 0.7  | 0.1    | 0.2   | 88.3 | 0.7 | 11.0 | 0.072 | 0.510       | 19.610852 | -98.946504 |
| Tepexpan                                | 7.57     | 3  | 1  | 10100 | 6.5                                  | 85.7 | 0.3 | 3.4  | 1.8 | 1.2  | 0.7  | 0.1    | 0.3   | 92.2 | 0.3 | 7.5  | 0.078 | 0.518       | 19.619965 | -98.935007 |
| Tepexpan                                | 7.57     | 3  | 2  | 9401  | 4.5                                  | 87.2 | 0.3 | 3.7  | 1.9 | 1.3  | 0.7  | 0.1    | 0.3   | 91.7 | 0.3 | 8.0  | 0.081 | 0.518       | 19.619978 | -98.935086 |
| Acolman                                 | 12.42    | 1  | 0  | 13050 | 4.0                                  | 83.7 | 0.8 | 4.5  | 1.3 | 3.8  | 1.0  | 0.2    | 0.7   | 87.7 | 0.8 | 11.5 | 0.059 | 0.505       | 19.633054 | -98.918783 |
| Teotihuacán                             | 20.70    | 3  | 0  | 20285 | 2.8                                  | 88.6 | 0.2 | 3.7  | 1.2 | 2.2  | 0.7  | 0.1    | 0.5   | 91.4 | 0.2 | 8.4  | 0.051 | 0.508       | 19.681679 | -98.863262 |
| T. Der. Otumba                          | 31.79    | 1  | 0  | 15581 | 1.4                                  | 74.5 | 1.8 | 11.3 | 1.4 | 6.4  | 1.1  | 0.7    | 1.4   | 75.9 | 1.8 | 22.3 | 0.059 | 0.503       | 19.717504 | -98.803623 |
| T. Der. Otumba                          | 31.79    | 3  | 0  | 9248  | 1.0                                  | 80.9 | 1.2 | 8.9  | 1.4 | 4.3  | 0.9  | 0.5    | 0.9   | 81.9 | 1.2 | 16.9 | 0.059 | 0.532       | 19.721355 | -98.790884 |
| X. C. Tizayuca - Otumba                 | 37.85    | 1  | 1  | 13174 | 0.7                                  | 74.1 | 3.7 | 9.9  | 2.4 | 4.5  | 2.3  | 1.6    | 0.8   | 74.8 | 3.7 | 21.5 | 0.066 | 0.506       | 19.744548 | -98.763490 |
| X. C. Tizayuca - Otumba                 | 37.85    | 1  | 2  | 13506 | 0.6                                  | 72.2 | 3.9 | 10.8 | 2.8 | 4.8  | 2.3  | 1.7    | 0.9   | 72.8 | 3.9 | 23.3 | 0.108 | 0.506       | 19.744643 | -98.763587 |
| X. C. Tizayuca - Otumba                 | 37.85    | 3  | 1  | 10940 | 0.9                                  | 76.7 | 3.5 | 7.9  | 2.6 | 4.3  | 2.1  | 1.4    | 0.6   | 77.6 | 3.5 | 18.9 | 0.074 | 0.514       | 19.758037 | -98.751627 |
| X. C. Tizayuca - Otumba                 | 37.85    | 3  | 2  | 10330 | 0.8                                  | 74.5 | 3.7 | 8.4  | 3.1 | 5.0  | 2.3  | 1.6    | 0.6   | 75.3 | 3.7 | 21.0 | 0.103 | 0.514       | 19.758004 | -98.751495 |
| X. C. Arco Norte de La Ciudad de México | 48.00    | 1  | 1  | 11942 | 0.9                                  | 77.2 | 3.1 | 7.7  | 2.6 | 4.4  | 2.1  | 1.4    | 0.6   | 78.1 | 3.1 | 18.8 | 0.070 | 0.513       | 19.827850 | -98.705659 |
| X. C. Arco Norte de La Ciudad de México | 48.00    | 1  | 2  | 11353 | 0.7                                  | 74.8 | 3.5 | 8.6  | 3.0 | 5.0  | 2.2  | 1.6    | 0.6   | 75.5 | 3.5 | 21.0 | 0.100 | 0.513       | 19.827759 | -98.705569 |

HIDALGO

12 CARR: Venta de Carpio - T. C. (Pachuca - Tuxpam)

CLAVE: 00455

RUTA: MEX-132

AÑO: 2017

| 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. Arco Norte de La Ciudad de México | 48.00    | 3  | 1  | 10259 | 0.8                                  | 77.4 | 3.1 | 9.2  | 2.3 | 3.4  | 2.0  | 1.5    | 0.3   | 78.2 | 3.1         | 18.7 | 0.088 | 0.503 | 19.838950 | -98.694234 |
| X. C. Arco Norte de La Ciudad de México | 48.00    | 3  | 2  | 10366 | 0.8                                  | 74.6 | 3.4 | 10.4 | 2.7 | 3.9  | 2.3  | 1.6    | 0.3   | 75.4 | 3.4         | 21.2 | 0.132 | 0.503 | 19.838856 | -98.694170 |
| Lim. Edos. Term. Mex. Ppia. Hgo.        | 51.00    |    |    |       |                                      |      |     |      |     |      |      |        |       |      |             |      |       |       |           |            |
| X. C. Pachuca - Cd. Sahagún             | 54.00    | 3  | 1  | 10812 | 0.8                                  | 79.6 | 2.7 | 7.1  | 3.1 | 3.3  | 1.7  | 1.3    | 0.4   | 80.4 | 2.7         | 16.9 | 0.076 | 0.513 | 19.881404 | -98.659083 |
| X. C. Pachuca - Cd. Sahagún             | 54.00    | 3  | 2  | 10264 | 0.5                                  | 78.4 | 2.9 | 7.4  | 3.4 | 3.8  | 1.8  | 1.4    | 0.4   | 78.9 | 2.9         | 18.2 | 0.093 | 0.513 | 19.881317 | -98.659015 |
| X. C. Calpulalpan - El Ocote            | 64.17    | 1  | 1  | 9386  | 0.7                                  | 82.9 | 1.8 | 6.1  | 2.8 | 2.7  | 1.4  | 1.2    | 0.4   | 83.6 | 1.8         | 14.6 | 0.076 | 0.502 | 19.920074 | -98.583799 |
| X. C. Calpulalpan - El Ocote            | 64.17    | 1  | 2  | 9293  | 0.3                                  | 81.9 | 2.1 | 6.5  | 3.0 | 3.1  | 1.4  | 1.3    | 0.4   | 82.2 | 2.1         | 15.7 | 0.101 | 0.502 | 19.919962 | -98.583728 |
| X. C. Calpulalpan - El Ocote            | 64.17    | 3  | 1  | 8899  | 0.9                                  | 73.5 | 4.4 | 9.6  | 3.6 | 4.2  | 1.7  | 1.6    | 0.5   | 74.4 | 4.4         | 21.2 | 0.094 | 0.502 | 19.925684 | -98.576228 |
| X. C. Calpulalpan - El Ocote            | 64.17    | 3  | 2  | 8818  | 0.5                                  | 78.7 | 0.8 | 7.4  | 4.3 | 3.8  | 2.4  | 1.7    | 0.4   | 79.2 | 0.8         | 20.0 | 0.131 | 0.502 | 19.925773 | -98.576333 |
| T. C. Pachuca - Tuxpam                  | 84.08    | 1  | 1  | 11188 | 0.4                                  | 81.9 | 3.4 | 5.3  | 2.7 | 3.1  | 1.5  | 1.1    | 0.6   | 82.3 | 3.4         | 14.3 | 0.079 | 0.512 | 20.049791 | -98.462542 |
| T. C. Pachuca - Tuxpam                  | 84.08    | 1  | 2  | 10684 | 0.9                                  | 80.1 | 3.6 | 5.5  | 2.9 | 3.3  | 1.8  | 1.1    | 0.8   | 81.0 | 3.6         | 15.4 | 0.076 | 0.512 | 20.052252 | -98.459898 |

13 CARR: Ent. Tulancingo - Venta Grande (Cuota)

CLAVE: 00026

RUTA: MEX-132D

AÑO: 2017

| 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. Pachuca - Tuxpam                | 0.00     |    |    |       |                                      |      |     |      |     |      |      |        |       |      |             |      |       |       |           |            |
| T. Izq. Acatlán                       | 7.80     | 1  | 0  | 12704 | 2.8                                  | 72.5 | 5.0 | 11.0 | 2.7 | 2.9  | 1.3  | 1.1    | 0.7   | 75.3 | 5.0         | 19.7 | 0.094 | 0.525 | 20.105761 | -98.405526 |
| T. Izq. Acatlán                       | 7.80     | 3  | 0  | 11056 | 2.9                                  | 73.2 | 4.7 | 10.7 | 2.7 | 2.8  | 1.3  | 1.0    | 0.7   | 76.1 | 4.7         | 19.2 | 0.104 | 0.526 | 20.110541 | -98.394222 |
| X. C. Pachuca - Tuxpam                | 21.80    | 1  | 0  | 11396 | 1.9                                  | 73.8 | 6.1 | 10.0 | 2.9 | 2.6  | 1.2  | 0.7    | 0.8   | 75.7 | 6.1         | 18.2 | 0.103 | 0.520 | 20.149211 | -98.295128 |
| Caseta de Cobro San Alejo (Tejocotal) | 21.80    | 2  | 0  | 7913  | 0.6                                  | 72.7 | 6.2 | 4.1  | 4.4 | 5.9  | 2.0  | 3.5    | 0.6   | 73.3 | 6.2         | 20.5 | 0.115 | 0.500 | 20.147596 | -98.285759 |
| T. C. Tlaxco - Tejocotal (Cuota)      | 39.60    | 1  | 0  | 9862  | 1.2                                  | 71.8 | 5.6 | 9.4  | 2.8 | 4.3  | 1.8  | 2.5    | 0.6   | 73.0 | 5.6         | 21.4 | 0.095 | 0.516 | 20.141500 | -98.136567 |

14 CARR: Libramiento Norte de la Ciudad de México (Cuota)

CLAVE: 0902

RUTA: MEX-M40D

AÑO: 2017

| 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 | 0.00     |    |    |      |                                      |      |     |     |     |      |      |        |       |      |             |      |       |       |           |            |
| X. C. Toluca - Palmillas | 12.90    | 1  | 1  | 2885 | 0.3                                  | 68.4 | 3.5 | 5.3 | 5.0 | 8.8  | 3.2  | 5.2    | 0.3   | 68.7 | 3.5         | 27.8 | 0.081 | 0.504 | 19.915379 | -99.851410 |
| X. C. Toluca - Palmillas | 12.90    | 1  | 2  | 2930 | 0.3                                  | 65.6 | 4.1 | 5.5 | 6.0 | 9.2  | 3.5  | 5.5    | 0.3   | 65.9 | 4.1         | 30.0 | 0.074 | 0.504 | 19.915387 | -99.851447 |
| X. C. Toluca - Palmillas | 12.90    | 3  | 1  | 3120 | 0.6                                  | 73.4 | 2.3 | 5.6 | 4.8 | 7.1  | 2.4  | 3.1    | 0.7   | 74.0 | 2.3         | 23.7 | 0.096 | 0.506 | 19.924234 | -99.840754 |
| X. C. Toluca - Palmillas | 12.90    | 3  | 2  | 3201 | 0.5                                  | 70.2 | 2.4 | 6.5 | 5.7 | 7.9  | 2.7  | 3.4    | 0.7   | 70.7 | 2.4         | 26.9 | 0.087 | 0.506 | 19.924266 | -99.840723 |
| C. P. Jilotepec          | 48.70    | 1  | 1  | 3344 | 0.4                                  | 71.4 | 2.8 | 6.4 | 4.9 | 7.2  | 2.7  | 3.4    | 0.8   | 71.8 | 2.8         | 25.4 | 0.102 | 0.504 | 19.967624 | -99.539103 |
| C. P. Jilotepec          | 48.70    | 1  | 2  | 3400 | 0.5                                  | 69.1 | 2.8 | 7.1 | 5.5 | 7.5  | 2.9  | 3.9    | 0.7   | 69.6 | 2.8         | 27.6 | 0.089 | 0.504 | 19.967753 | -99.539318 |
| C. P. Jilotepec          | 48.70    | 3  | 1  | 4730 | 0.6                                  | 73.5 | 2.1 | 6.2 | 4.9 | 6.7  | 2.9  | 2.5    | 0.6   | 74.1 | 2.1         | 23.8 | 0.083 | 0.510 | 19.978497 | -99.525959 |

HIDALGO

14 CARR: Libramiento Norte de la Ciudad de México (Cuota)

CLAVE: 0902

RUTA: MEX-M40D

AÑO: 2017

| 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   |
| C. P. Jilotepec                                  | 48.70    | 3  | 2  | 4931 | 0.6                                  | 71.4 | 2.4 | 6.4 | 4.9 | 7.4  | 3.2  | 3.1    | 0.6   | 72.0 | 2.4 | 25.6 | 0.071 | 0.510 | 19.978528   | -99.525949 |
| X. C. México - Querétaro                         | 54.00    | 3  | 1  | 6985 | 1.7                                  | 72.4 | 1.4 | 5.8 | 2.6 | 8.5  | 3.3  | 3.7    | 0.6   | 74.1 | 1.4 | 24.5 | 0.076 | 0.502 | 20.004159   | -99.481933 |
| X. C. México - Querétaro                         | 54.00    | 3  | 2  | 7034 | 2.3                                  | 68.7 | 1.6 | 6.0 | 2.9 | 9.9  | 3.8  | 4.1    | 0.7   | 71.0 | 1.6 | 27.4 | 0.081 | 0.502 | 20.006668   | -99.478442 |
| Caseta de Cobro Querétaro                        | 55.00    | 3  | 1  | 7876 | 0.2                                  | 55.3 | 2.3 | 5.1 | 6.4 | 17.7 | 4.2  | 7.2    | 1.6   | 55.5 | 2.3 | 42.2 | 0.067 | 0.500 | 19.996132   | -99.490433 |
| Caseta de Cobro Querétaro                        | 55.00    | 3  | 2  | 7876 | 0.2                                  | 55.3 | 2.3 | 5.1 | 6.4 | 17.7 | 4.2  | 7.2    | 1.6   | 55.5 | 2.3 | 42.2 | 0.067 | 0.500 | 19.996132   | -99.490433 |
| Lim. Edos. Term. Mex. Ppia. Hgo.                 | 60.72    |    |    |      |                                      |      |     |     |     |      |      |        |       |      |     |      |       |       |             |            |
| X. C. Ent. Tepeji del Río - Tlahuelilpan         | 79.00    | 1  | 1  | 7059 | 1.1                                  | 72.9 | 1.2 | 5.2 | 5.3 | 7.4  | 2.9  | 3.3    | 0.7   | 74.0 | 1.2 | 24.8 | 0.083 | 0.515 | 20.098064   | -99.288384 |
| X. C. Ent. Tepeji del Río - Tlahuelilpan         | 79.00    | 1  | 2  | 6656 | 1.6                                  | 69.0 | 1.4 | 6.2 | 5.8 | 8.1  | 3.3  | 3.8    | 0.8   | 70.6 | 1.4 | 28.0 | 0.083 | 0.515 | 20.098163   | -99.288407 |
| X. C. Ent. Tepeji del Río - Tlahuelilpan         | 79.00    | 3  | 1  | 8518 | 1.2                                  | 71.7 | 1.3 | 5.5 | 5.1 | 7.7  | 3.0  | 3.7    | 0.8   | 72.9 | 1.3 | 25.8 | 0.074 | 0.512 | 20.097229   | -99.277016 |
| X. C. Ent. Tepeji del Río - Tlahuelilpan         | 79.00    | 3  | 2  | 8104 | 1.5                                  | 68.5 | 1.4 | 6.1 | 5.5 | 8.3  | 3.6  | 4.2    | 0.9   | 70.0 | 1.4 | 28.6 | 0.081 | 0.512 | 20.097398   | -99.276922 |
| X. C. Los Reyes - El Tephé                       | 86.40    | 1  | 1  | 8706 | 1.2                                  | 71.1 | 1.6 | 4.6 | 5.6 | 8.2  | 3.4  | 3.5    | 0.8   | 72.3 | 1.6 | 26.1 | 0.074 | 0.505 | 20.070084   | -99.227949 |
| X. C. Los Reyes - El Tephé                       | 86.40    | 1  | 2  | 8520 | 1.4                                  | 68.0 | 1.7 | 5.2 | 6.1 | 8.8  | 3.8  | 4.1    | 0.9   | 69.4 | 1.7 | 28.9 | 0.080 | 0.505 | 20.070187   | -99.227829 |
| X. C. Los Reyes - El Tephé                       | 86.40    | 3  | 1  | 8110 | 1.1                                  | 71.2 | 1.7 | 5.5 | 4.7 | 7.9  | 3.3  | 3.7    | 0.9   | 72.3 | 1.7 | 26.0 | 0.074 | 0.512 | 20.064221   | -99.211570 |
| X. C. Los Reyes - El Tephé                       | 86.40    | 3  | 2  | 8497 | 0.9                                  | 68.1 | 1.8 | 6.0 | 5.4 | 9.2  | 3.4  | 4.3    | 0.9   | 69.0 | 1.8 | 29.2 | 0.077 | 0.512 | 20.064373   | -99.211498 |
| Lim. Edos. Term. Hgo. Ppia. Mex.                 | 95.75    |    |    |      |                                      |      |     |     |     |      |      |        |       |      |     |      |       |       |             |            |
| X. C. (Los Reyes - El Tephé) - Tianguistongo     | 108.60   | 1  | 1  | 8864 | 1.6                                  | 70.7 | 1.6 | 5.6 | 4.8 | 7.9  | 3.3  | 3.7    | 0.8   | 72.3 | 1.6 | 26.1 | 0.073 | 0.511 | 19.958394   | -99.067528 |
| X. C. (Los Reyes - El Tephé) - Tianguistongo     | 108.60   | 1  | 2  | 8472 | 2.1                                  | 67.0 | 1.7 | 6.3 | 5.3 | 9.0  | 3.6  | 4.1    | 0.9   | 69.1 | 1.7 | 29.2 | 0.081 | 0.511 | 19.958586   | -99.067523 |
| X. C. (Los Reyes - El Tephé) - Tianguistongo     | 108.60   | 3  | 1  | 8712 | 1.6                                  | 70.3 | 1.5 | 4.8 | 4.6 | 8.8  | 3.0  | 4.5    | 0.9   | 71.9 | 1.5 | 26.6 | 0.077 | 0.507 | 19.956470   | -99.040592 |
| X. C. (Los Reyes - El Tephé) - Tianguistongo     | 108.60   | 3  | 2  | 8473 | 2.1                                  | 66.5 | 1.6 | 5.1 | 5.3 | 10.4 | 3.4  | 4.6    | 1.0   | 68.6 | 1.6 | 29.8 | 0.073 | 0.507 | 19.956591   | -99.040745 |
| Lim. Edos. Term. Mex. Ppia. Hgo.                 | 115.89   |    |    |      |                                      |      |     |     |     |      |      |        |       |      |     |      |       |       |             |            |
| X. C. México - Pachuca                           | 127.30   | 1  | 1  | 8224 | 1.3                                  | 69.7 | 1.9 | 4.3 | 5.0 | 9.6  | 3.4  | 4.0    | 0.8   | 71.0 | 1.9 | 27.1 | 0.081 | 0.505 | 19.931432   | -98.898888 |
| X. C. México - Pachuca                           | 127.30   | 1  | 2  | 8066 | 0.9                                  | 66.9 | 1.9 | 4.8 | 5.6 | 10.8 | 3.9  | 4.4    | 0.8   | 67.8 | 1.9 | 30.3 | 0.081 | 0.505 | 19.931610   | -98.898826 |
| X. C. México - Pachuca                           | 127.30   | 3  | 1  | 7139 | 1.7                                  | 70.6 | 1.0 | 4.9 | 4.8 | 9.5  | 2.7  | 3.9    | 0.9   | 72.3 | 1.0 | 26.7 | 0.102 | 0.506 | 19.926224   | -98.876755 |
| X. C. México - Pachuca                           | 127.30   | 3  | 2  | 6962 | 1.4                                  | 67.9 | 1.0 | 5.4 | 5.8 | 10.1 | 3.0  | 4.5    | 0.9   | 69.3 | 1.0 | 29.7 | 0.100 | 0.506 | 19.926377   | -98.876719 |
| Lim. Edos. Term. Hgo. Ppia. Mex.                 | 143.98   |    |    |      |                                      |      |     |     |     |      |      |        |       |      |     |      |       |       |             |            |
| X. C. Venta De Carpio - T. C. (Pachuca - Tuxpan) | 151.11   | 1  | 1  | 8278 | 2.0                                  | 68.3 | 1.6 | 4.5 | 5.7 | 9.6  | 3.4  | 4.0    | 0.9   | 70.3 | 1.6 | 28.1 | 0.080 | 0.507 | 19.837717   | -98.705364 |
| X. C. Venta De Carpio - T. C. (Pachuca - Tuxpan) | 151.11   | 1  | 2  | 8061 | 1.6                                  | 65.4 | 1.8 | 5.4 | 6.3 | 10.6 | 3.5  | 4.5    | 0.9   | 67.0 | 1.8 | 31.2 | 0.088 | 0.507 | 19.837784   | -98.705216 |
| X. C. Venta De Carpio - T. C. (Pachuca - Tuxpan) | 151.11   | 3  | 1  | 8270 | 1.6                                  | 65.9 | 1.6 | 4.9 | 5.4 | 10.4 | 3.9  | 5.5    | 0.8   | 67.5 | 1.6 | 30.9 | 0.077 | 0.506 | 19.828458   | -98.693426 |
| X. C. Venta De Carpio - T. C. (Pachuca - Tuxpan) | 151.11   | 3  | 2  | 8089 | 1.5                                  | 61.4 | 1.8 | 5.5 | 5.8 | 12.5 | 4.1  | 6.4    | 1.0   | 62.9 | 1.8 | 35.3 | 0.083 | 0.506 | 19.828337   | -98.693536 |
| X. C. Ent. Tolman - Cd. Sahagún                  | 162.55   | 1  | 1  | 8268 | 1.4                                  | 64.9 | 1.8 | 5.0 | 5.3 | 12.0 | 3.7  | 5.0    | 0.9   | 66.3 | 1.8 | 31.9 | 0.070 | 0.518 | 19.762363   | -98.632874 |
| X. C. Ent. Tolman - Cd. Sahagún                  | 162.55   | 1  | 2  | 7706 | 1.2                                  | 61.4 | 2.0 | 5.5 | 6.1 | 13.5 | 3.8  | 5.5    | 1.0   | 62.6 | 2.0 | 35.4 | 0.077 | 0.518 | 19.762403   | -98.632699 |
| X. C. Ent. Tolman - Cd. Sahagún                  | 162.55   | 3  | 1  | 7206 | 1.3                                  | 58.4 | 5.2 | 7.1 | 3.3 | 14.5 | 3.4  | 5.9    | 0.9   | 59.7 | 5.2 | 35.1 | 0.070 | 0.506 | 19.749929   | -98.625936 |
| X. C. Ent. Tolman - Cd. Sahagún                  | 162.55   | 3  | 2  | 7046 | 1.1                                  | 53.0 | 5.7 | 7.7 | 3.6 | 17.3 | 3.5  | 7.1    | 1.0   | 54.1 | 5.7 | 40.2 | 0.080 | 0.506 | 19.749983   | -98.625737 |
| Lim. Edos. Term. Mex. Ppia. Hgo.                 | 166.53   |    |    |      |                                      |      |     |     |     |      |      |        |       |      |     |      |       |       |             |            |
| X. C. Calpulallpan - El Ocote                    | 180.39   | 1  | 1  | 8526 | 1.2                                  | 57.0 | 5.1 | 7.2 | 3.4 | 15.4 | 3.5  | 6.4    | 0.8   | 58.2 | 5.1 | 36.7 | 0.070 | 0.505 | 19.624857   | -98.552624 |

HIDALGO

14 CARR: Libramiento Norte de la Ciudad de México (Cuota)

CLAVE: 0902

RUTA: MEX-M40D

AÑO: 2017

| 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. Calpulallpan - El Ocote                        | 180.39   | 1  | 2  | 8692 | 1.1                                  | 54.3 | 5.5 | 8.0 | 3.8 | 15.9 | 3.5  | 6.9    | 1.0   | 55.4 | 5.5         | 39.1 | 0.073 | 0.505 | 19.624962 | -98.552454 |
| X. C. Calpulallpan - El Ocote                        | 180.39   | 3  | 1  | 8423 | 1.2                                  | 60.5 | 4.7 | 6.8 | 3.2 | 13.6 | 3.2  | 6.1    | 0.7   | 61.7 | 4.7         | 33.6 | 0.079 | 0.502 | 19.615814 | -98.544893 |
| X. C. Calpulallpan - El Ocote                        | 180.39   | 3  | 2  | 8342 | 1.0                                  | 56.8 | 5.4 | 7.5 | 3.5 | 14.8 | 3.6  | 6.7    | 0.7   | 57.8 | 5.4         | 36.8 | 0.081 | 0.502 | 19.615865 | -98.544690 |
| Lim. Edos. Term. Hgo. Ppia. Tlax.                    | 180.98   |    |    |      |                                      |      |     |     |     |      |      |        |       |      |             |      |       |       |           |            |
| X. C. Los Reyes - Zacatepec                          | 196.70   | 1  | 1  | 7869 | 0.6                                  | 58.5 | 3.7 | 6.1 | 3.8 | 15.1 | 3.7  | 6.8    | 1.7   | 59.1 | 3.7         | 37.2 | 0.083 | 0.504 | 19.520256 | -98.472955 |
| X. C. Los Reyes - Zacatepec                          | 196.70   | 1  | 2  | 7758 | 0.9                                  | 52.6 | 4.0 | 6.8 | 4.1 | 17.3 | 4.4  | 8.0    | 1.9   | 53.5 | 4.0         | 42.5 | 0.083 | 0.504 | 19.520226 | -98.472905 |
| X. C. Los Reyes - Zacatepec                          | 196.70   | 3  | 1  | 6878 | 2.1                                  | 56.7 | 4.9 | 7.4 | 3.1 | 14.5 | 3.6  | 5.8    | 1.9   | 58.8 | 4.9         | 36.3 | 0.084 | 0.503 | 19.502977 | -98.465433 |
| X. C. Los Reyes - Zacatepec                          | 196.70   | 3  | 2  | 7190 | 0.9                                  | 52.3 | 5.5 | 7.8 | 3.5 | 16.9 | 4.3  | 6.6    | 2.2   | 53.2 | 5.5         | 41.3 | 0.075 | 0.503 | 19.502958 | -98.465504 |
| X. C. San Martín Texmelucan - Tlaxcala - El Molinito | 220.95   | 1  | 1  | 6852 | 1.2                                  | 58.3 | 4.2 | 5.9 | 3.0 | 15.9 | 3.4  | 6.0    | 2.1   | 59.5 | 4.2         | 36.3 | 0.086 | 0.522 | 19.308314 | -98.408434 |
| X. C. San Martín Texmelucan - Tlaxcala - El Molinito | 220.95   | 1  | 2  | 7284 | 1.0                                  | 54.1 | 4.9 | 7.0 | 3.3 | 16.5 | 4.0  | 6.8    | 2.4   | 55.1 | 4.9         | 40.0 | 0.078 | 0.522 | 19.308325 | -98.408548 |
| X. C. San Martín Texmelucan - Tlaxcala - El Molinito | 220.95   | 3  | 1  | 8663 | 0.9                                  | 63.2 | 5.6 | 6.3 | 2.4 | 12.2 | 2.7  | 5.3    | 1.4   | 64.1 | 5.6         | 30.3 | 0.084 | 0.509 | 19.287935 | -98.410588 |
| X. C. San Martín Texmelucan - Tlaxcala - El Molinito | 220.95   | 3  | 2  | 9834 | 0.8                                  | 58.3 | 6.4 | 7.3 | 2.9 | 14.2 | 3.0  | 5.5    | 1.6   | 59.1 | 6.4         | 34.5 | 0.080 | 0.509 | 19.287926 | -98.410719 |
| Caseta de Cobro San Martín Texmelucan                | 222.00   | 1  | 1  | 7488 | 0.3                                  | 54.8 | 2.5 | 5.8 | 5.8 | 19.1 | 3.1  | 7.3    | 1.3   | 55.1 | 2.5         | 42.4 | 0.067 | 0.500 | 19.301905 | -98.409630 |
| Caseta de Cobro San Martín Texmelucan                | 222.00   | 1  | 2  | 7488 | 0.3                                  | 54.8 | 2.5 | 5.8 | 5.8 | 19.1 | 3.1  | 7.3    | 1.3   | 55.1 | 2.5         | 42.4 | 0.067 | 0.500 | 19.301905 | -98.409630 |
| T. C. San Martín Texmelucan - Ocotoxco (Cuota)       | 222.44   |    |    |      |                                      |      |     |     |     |      |      |        |       |      |             |      |       |       |           |            |
| T. C. México - Puebla (Cuota)                        | 226.73   | 1  | 1  | 7658 | 1.2                                  | 60.3 | 4.5 | 6.4 | 3.2 | 13.2 | 3.8  | 6.4    | 1.0   | 61.5 | 4.5         | 34.0 | 0.059 | 0.505 | 19.269894 | -98.420215 |
| T. C. México - Puebla (Cuota)                        | 226.73   | 1  | 2  | 8335 | 0.8                                  | 56.9 | 5.3 | 6.8 | 3.7 | 14.7 | 4.0  | 6.8    | 1.0   | 57.7 | 5.3         | 37.0 | 0.071 | 0.505 | 19.269812 | -98.420133 |

15 CARR: México - Pachuca (Cuota)

CLAVE: 00432

RUTA: MEX-085D

AÑO: 2017

| LUGAR                             | ESTACION |    |    |       | CLASIFICACION VEHICULAR EN PORCIENTO |      |     |     |     |      |      |        |       |      | COORDENADAS |      |       |       |           |            |
|-----------------------------------|----------|----|----|-------|--------------------------------------|------|-----|-----|-----|------|------|--------|-------|------|-------------|------|-------|-------|-----------|------------|
|                                   | KM       | TE | SC | TDPA  | M                                    | A    | B   | C2  | C3  | T3S2 | T3S3 | T3S2R4 | OTROS | A    | B           | C    | K'    | D     | LATITUD   | LONGITUD   |
| T. C. México - Pachuca (Libre)    | 0.00     |    |    |       |                                      |      |     |     |     |      |      |        |       |      |             |      |       |       |           |            |
| Lim. Edos. Term. D. F. Ppia. Mex. | 9.86     |    |    |       |                                      |      |     |     |     |      |      |        |       |      |             |      |       |       |           |            |
| Caseta de Cobro Ojo de Agua       | 25.00    | 2  | 1  | 31327 | 1.0                                  | 86.4 | 5.3 | 1.5 | 3.9 | 1.3  | 0.2  | 0.3    | 0.1   | 87.4 | 5.3         | 7.3  | 0.081 | 0.500 | 19.618818 | -99.029465 |
| Caseta de Cobro Ojo de Agua       | 25.00    | 2  | 2  | 31327 | 1.0                                  | 86.4 | 5.3 | 1.5 | 3.9 | 1.3  | 0.2  | 0.3    | 0.1   | 87.4 | 5.3         | 7.3  | 0.081 | 0.500 | 19.618818 | -99.029465 |
| Caseta de Cobro Ojo de Agua       | 25.00    | 3  | 1  | 29719 | 1.3                                  | 84.7 | 2.3 | 7.9 | 1.3 | 1.7  | 0.3  | 0.4    | 0.1   | 86.0 | 2.3         | 11.7 | 0.089 | 0.520 | 19.628156 | -99.024663 |
| Caseta de Cobro Ojo de Agua       | 25.00    | 3  | 2  | 27384 | 1.5                                  | 83.1 | 2.4 | 8.7 | 1.5 | 2.0  | 0.3  | 0.4    | 0.1   | 84.6 | 2.4         | 13.0 | 0.098 | 0.520 | 19.628057 | -99.024503 |
| T. Izq. Tecámac                   | 35.62    | 3  | 1  | 27763 | 1.4                                  | 85.2 | 2.3 | 6.8 | 1.5 | 2.1  | 0.2  | 0.4    | 0.1   | 86.6 | 2.3         | 11.1 | 0.077 | 0.514 | 19.724877 | -98.955384 |
| T. Izq. Tecámac                   | 35.62    | 3  | 2  | 26249 | 1.8                                  | 84.4 | 2.4 | 6.8 | 1.6 | 2.3  | 0.2  | 0.4    | 0.1   | 86.2 | 2.4         | 11.4 | 0.082 | 0.514 | 19.724945 | -98.955452 |
| Lim. Edos. Term. Mex. Ppia. Hgo.  | 49.60    |    |    |       |                                      |      |     |     |     |      |      |        |       |      |             |      |       |       |           |            |
| X. C. Otumba - Tizayuca           | 53.45    | 1  | 1  | 23419 | 1.3                                  | 85.2 | 2.1 | 6.8 | 1.6 | 2.0  | 0.4  | 0.5    | 0.1   | 86.5 | 2.1         | 11.4 | 0.085 | 0.523 | 19.829330 | -98.950275 |
| X. C. Otumba - Tizayuca           | 53.45    | 1  | 2  | 21397 | 1.8                                  | 83.6 | 2.5 | 7.2 | 1.7 | 2.2  | 0.4  | 0.5    | 0.1   | 85.4 | 2.5         | 12.1 | 0.100 | 0.523 | 19.829383 | -98.950197 |
| T. C. México - Pachuca (Libre)    | 60.50    | 1  | 1  | 21101 | 1.0                                  | 85.7 | 2.3 | 6.6 | 1.4 | 2.0  | 0.4  | 0.5    | 0.1   | 86.7 | 2.3         | 11.0 | 0.078 | 0.511 | 19.882951 | -98.937650 |
| T. C. México - Pachuca (Libre)    | 60.50    | 1  | 2  | 20194 | 1.8                                  | 83.0 | 2.4 | 7.9 | 1.6 | 2.3  | 0.4  | 0.5    | 0.1   | 84.8 | 2.4         | 12.8 | 0.086 | 0.511 | 19.882851 | -98.937591 |

HIDALGO

16 CARR: Tejocotal - Nuevo Necaxa (Cuota)

CLAVE: 00211

RUTA: MEX-132D

AÑO: 2017

| 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. Tlaxco - Tejocotal (Cuota) | 0.00     | 3  | 0  | 9686 | 1.6                                  | 71.9 | 5.8 | 9.3 | 2.8 | 4.3  | 1.7  | 1.9    | 0.7   | 73.5 | 5.8 | 20.7 | 0.087 | 0.516       | 20.135977 | -98.114869 |
| Lim. Edos. Term. Hgo. Ppia. Pue. | 2.10     |    |    |      |                                      |      |     |     |     |      |      |        |       |      |     |      |       |             |           |            |
| Nuevo Necaxa                     | 17.00    | 1  | 1  | 3540 | 1.4                                  | 74.6 | 4.5 | 6.4 | 2.9 | 4.7  | 2.2  | 2.4    | 0.9   | 76.0 | 4.5 | 19.5 | 0.064 | 0.501       | 20.176596 | -98.027061 |
| Nuevo Necaxa                     | 17.00    | 1  | 2  | 3563 | 1.6                                  | 70.4 | 5.3 | 7.4 | 3.4 | 5.6  | 2.6  | 2.7    | 1.0   | 72.0 | 5.3 | 22.7 | 0.068 | 0.501       | 20.176596 | -98.027061 |
| Caseta de Cobro Nuevo Necaxa     | 17.00    | 2  | 0  | 1576 | 0.5                                  | 79.8 | 1.5 | 5.7 | 4.6 | 3.0  | 2.2  | 2.2    | 0.5   | 80.3 | 1.5 | 18.2 | 0.092 | 0.500       | 20.186720 | -98.029732 |
| T. C. Pachuca - Tuxpam           | 18.70    |    |    |      |                                      |      |     |     |     |      |      |        |       |      |     |      |       |             |           |            |

17 CARR: Tlaxco - Tejocotal (Cuota)

CLAVE: 00209

RUTA: MEX-119D

AÑO: 2017

| 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. Apan - Tlaxco                | 23.00    | 3  | 0  | 3426 | 0.4                                  | 78.2 | 6.0 | 9.3 | 1.8 | 2.0  | 1.0  | 1.1    | 0.2   | 78.6 | 6.0 | 15.4 | 0.128 | 0.540       | 19.608514 | -98.156734 |
| Lim. Edos. Term. Tlax. Ppia. Pue. | 30.70    |    |    |      |                                      |      |     |     |     |      |      |        |       |      |     |      |       |             |           |            |
| Ent. Chignahuapan                 | 56.20    | 3  | 0  | 2503 | 0.6                                  | 76.7 | 4.7 | 9.8 | 2.5 | 2.1  | 1.3  | 2.0    | 0.3   | 77.3 | 4.7 | 18.0 | 0.110 | 0.501       | 19.877531 | -98.061897 |
| Lim. Edos. Term. Pue. Ppia. Hgo.  | 84.80    |    |    |      |                                      |      |     |     |     |      |      |        |       |      |     |      |       |             |           |            |
| T. C. Apizaco - Tejocotal         | 85.60    |    |    |      |                                      |      |     |     |     |      |      |        |       |      |     |      |       |             |           |            |

18 CARR: México - Querétaro (Cuota)

CLAVE: 00411

RUTA: MEX-057-MEX-057D

AÑO: 2017

| 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   |
| México                            | 0.00     |    |    |       |                                      |      |     |     |     |      |      |        |       |      |     |      |       |             |           |            |
| Lim. Edos. Term. D. F. Ppia. Mex. | 11.30    |    |    |       |                                      |      |     |     |     |      |      |        |       |      |     |      |       |             |           |            |
| Caseta de Cobro Tepozotlán        | 43.01    | 2  | 1  | 27859 | 0.4                                  | 70.5 | 5.3 | 3.3 | 6.6 | 10.4 | 0.7  | 2.3    | 0.5   | 70.9 | 5.3 | 23.8 | 0.077 | 0.500       | 19.715359 | -99.207588 |
| Caseta de Cobro Tepozotlán        | 43.01    | 2  | 2  | 27859 | 0.4                                  | 70.5 | 5.3 | 3.3 | 6.6 | 10.4 | 0.7  | 2.3    | 0.5   | 70.9 | 5.3 | 23.8 | 0.077 | 0.500       | 19.715359 | -99.207588 |
| Ent. Jorobas                      | 56.18    | 1  | 1  | 31862 | 1.4                                  | 68.3 | 6.0 | 4.1 | 4.6 | 11.9 | 0.9  | 2.2    | 0.6   | 69.7 | 6.0 | 24.3 | 0.058 | 0.505       | 19.811451 | -99.238510 |
| Ent. Jorobas                      | 56.18    | 1  | 2  | 32482 | 1.9                                  | 65.7 | 6.2 | 4.4 | 5.2 | 12.6 | 1.0  | 2.4    | 0.6   | 67.6 | 6.2 | 26.2 | 0.070 | 0.505       | 19.808409 | -99.237356 |
| Ent. Jorobas                      | 56.18    | 3  | 1  | 32669 | 1.2                                  | 66.1 | 5.9 | 4.4 | 6.1 | 12.4 | 0.7  | 2.4    | 0.8   | 67.3 | 5.9 | 26.8 | 0.058 | 0.506       | 19.829245 | -99.257725 |
| Ent. Jorobas                      | 56.18    | 3  | 2  | 31857 | 1.1                                  | 63.2 | 6.3 | 4.6 | 6.7 | 13.8 | 0.7  | 2.6    | 1.0   | 64.3 | 6.3 | 29.4 | 0.064 | 0.506       | 19.828235 | -99.255903 |
| Lim. Edos. Term. Mex. Ppia. Hgo.  | 59.85    |    |    |       |                                      |      |     |     |     |      |      |        |       |      |     |      |       |             |           |            |
| T. Der. Tepeji del Río            | 69.36    | 1  | 1  | 30630 | 1.2                                  | 69.4 | 4.5 | 3.7 | 5.0 | 12.1 | 0.9  | 2.5    | 0.7   | 70.6 | 4.5 | 24.9 | 0.068 | 0.506       | 19.863076 | -99.313899 |
| T. Der. Tepeji del Río            | 69.36    | 1  | 2  | 29870 | 1.2                                  | 67.5 | 5.1 | 3.9 | 5.1 | 13.0 | 0.9  | 2.6    | 0.7   | 68.7 | 5.1 | 26.2 | 0.073 | 0.506       | 19.872693 | -99.339344 |
| T. Der. Tepeji del Río            | 69.36    | 3  | 1  | 27104 | 1.0                                  | 73.9 | 3.3 | 3.2 | 4.5 | 10.8 | 0.5  | 2.1    | 0.7   | 74.9 | 3.3 | 21.8 | 0.074 | 0.516       | 19.920829 | -99.370331 |
| T. Der. Tepeji del Río            | 69.36    | 3  | 2  | 28942 | 0.9                                  | 70.9 | 3.7 | 3.5 | 5.1 | 12.1 | 0.7  | 2.2    | 0.9   | 71.8 | 3.7 | 24.5 | 0.079 | 0.516       | 19.921000 | -99.370696 |
| T. Izq. Jilotepec                 | 83.75    | 1  | 1  | 29947 | 1.3                                  | 68.1 | 4.6 | 3.5 | 5.4 | 13.1 | 0.9  | 2.4    | 0.7   | 69.4 | 4.6 | 26.0 | 0.071 | 0.504       | 19.977225 | -99.436130 |

HIDALGO

18 CARR: México - Querétaro (Cuota)

CLAVE: 00411

RUTA: MEX-057-MEX-057D

AÑO: 2017

| 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. Jilotepec  | 83.75    | 1  | 2  | 29505 | 2.3                                  | 63.9 | 5.3 | 4.0 | 6.1 | 13.8 | 0.9  | 2.8    | 0.9   | 66.2 | 5.3 | 28.5 | 0.067       | 0.504 | 19.977833 | -99.438043  |
| T. Izq. Jilotepec  | 83.75    | 3  | 1  | 24963 | 2.6                                  | 66.8 | 5.3 | 3.5 | 4.2 | 13.3 | 1.0  | 2.6    | 0.7   | 69.4 | 5.3 | 25.3 | 0.078       | 0.506 | 19.988064 | -99.452542  |
| T. Izq. Jilotepec  | 83.75    | 3  | 2  | 24389 | 2.2                                  | 63.2 | 6.3 | 3.9 | 4.8 | 14.9 | 1.1  | 2.9    | 0.7   | 65.4 | 6.3 | 28.3 | 0.073       | 0.506 | 19.987988 | -99.453296  |
| Lim. Edos. Term. Hgo. Ppia. Mex.                             | 86.00    |    |    |       |                                      |      |     |     |     |      |      |        |       |      |     |      |             |       |           |             |
| X. C. Jilotepec - Maravillas                                 | 107.00   | 1  | 1  | 30544 | 1.3                                  | 64.0 | 4.4 | 3.2 | 4.9 | 16.4 | 1.9  | 3.3    | 0.6   | 65.3 | 4.4 | 30.3 | 0.065       | 0.508 | 20.080711 | -99.619563  |
| X. C. Jilotepec - Maravillas                                 | 107.00   | 1  | 2  | 29618 | 0.9                                  | 62.1 | 4.6 | 3.6 | 5.7 | 16.4 | 2.0  | 4.0    | 0.7   | 63.0 | 4.6 | 32.4 | 0.066       | 0.508 | 20.082280 | -99.624224  |
| X. C. Jilotepec - Maravillas                                 | 107.00   | 3  | 1  | 29550 | 1.3                                  | 67.2 | 3.7 | 5.5 | 5.0 | 8.0  | 3.0  | 5.4    | 0.9   | 68.5 | 3.7 | 27.8 | 0.069       | 0.508 | 20.082427 | -99.635737  |
| X. C. Jilotepec - Maravillas                                 | 107.00   | 3  | 2  | 28659 | 1.0                                  | 63.8 | 4.0 | 6.2 | 6.0 | 9.2  | 3.3  | 5.6    | 0.9   | 64.8 | 4.0 | 31.2 | 0.068       | 0.508 | 20.082510 | -99.633565  |
| T. Izq. Aculco   | 125.00   | 1  | 1  | 31103 | 1.3                                  | 64.8 | 4.0 | 3.1 | 5.1 | 15.4 | 1.7  | 3.8    | 0.8   | 66.1 | 4.0 | 29.9 | 0.065       | 0.508 | 20.097515 | -99.692899  |
| T. Izq. Aculco   | 125.00   | 1  | 2  | 30154 | 0.9                                  | 60.3 | 4.8 | 3.5 | 5.8 | 18.0 | 1.8  | 4.1    | 0.8   | 61.2 | 4.8 | 34.0 | 0.066       | 0.508 | 20.091918 | -99.687328  |
| T. Izq. Aculco   | 125.00   | 3  | 1  | 26622 | 1.3                                  | 65.2 | 4.2 | 3.2 | 4.9 | 15.1 | 1.7  | 3.7    | 0.7   | 66.5 | 4.2 | 29.3 | 0.078       | 0.508 | 20.109988 | -99.707177  |
| T. Izq. Aculco   | 125.00   | 3  | 2  | 25810 | 1.0                                  | 62.2 | 4.7 | 3.4 | 5.8 | 16.4 | 2.0  | 3.7    | 0.8   | 63.2 | 4.7 | 32.1 | 0.079       | 0.508 | 20.108570 | -99.704284  |
| Lim. Edos. Term. Mex. Ppia. Qro.                             | 145.50   |    |    |       |                                      |      |     |     |     |      |      |        |       |      |     |      |             |       |           |             |
| Caseta de Cobro Palmillas                                    | 145.80   | 2  | 1  | 26222 | 0.3                                  | 57.7 | 5.4 | 4.5 | 6.5 | 18.3 | 1.8  | 4.7    | 0.8   | 58.0 | 5.4 | 36.6 | 0.077       | 0.500 | 20.296103 | -99.928993  |
| Caseta de Cobro Palmillas                                    | 145.80   | 2  | 2  | 26222 | 0.3                                  | 57.7 | 5.4 | 4.5 | 6.5 | 18.3 | 1.8  | 4.7    | 0.8   | 58.0 | 5.4 | 36.6 | 0.077       | 0.500 | 20.296103 | -99.928993  |
| T. Izq. Toluca   | 148.50   | 1  | 1  | 27152 | 0.9                                  | 57.4 | 4.3 | 4.8 | 6.9 | 18.8 | 1.7  | 4.6    | 0.6   | 58.3 | 4.3 | 37.4 | 0.068       | 0.502 | 20.286479 | -99.911785  |
| T. Izq. Toluca   | 148.50   | 1  | 2  | 27417 | 1.2                                  | 52.1 | 4.7 | 5.3 | 7.8 | 21.3 | 1.9  | 5.0    | 0.7   | 53.3 | 4.7 | 42.0 | 0.063       | 0.502 | 20.286174 | -99.912019  |
| T. Izq. Toluca   | 148.50   | 3  | 1  | 32779 | 1.3                                  | 55.8 | 4.1 | 5.4 | 7.4 | 19.2 | 1.8  | 4.3    | 0.7   | 57.1 | 4.1 | 38.8 | 0.067       | 0.501 | 20.307417 | -99.934267  |
| T. Izq. Toluca   | 148.50   | 3  | 2  | 32689 | 0.8                                  | 53.3 | 4.4 | 6.0 | 7.6 | 20.6 | 1.9  | 4.6    | 0.8   | 54.1 | 4.4 | 41.5 | 0.073       | 0.501 | 20.307434 | -99.934917  |
| T. Der. Poniente San Juan del Río                            | 164.10   | 3  | 1  | 29633 | 0.9                                  | 68.8 | 3.7 | 4.3 | 4.0 | 13.1 | 1.9  | 2.4    | 0.9   | 69.7 | 3.7 | 26.6 | 0.107       | 0.504 | 20.373833 | -99.994331  |
| T. Der. Poniente San Juan del Río                            | 164.10   | 3  | 2  | 29156 | 0.8                                  | 67.0 | 3.4 | 3.9 | 5.9 | 13.7 | 1.7  | 2.7    | 0.9   | 67.8 | 3.4 | 28.8 | 0.103       | 0.504 | 20.373021 | -99.993049  |
| T. Izq. Acámbaro   | 170.45   | 3  | 1  | 40865 | 0.9                                  | 73.0 | 3.4 | 3.5 | 5.0 | 9.9  | 1.9  | 1.7    | 0.7   | 73.9 | 3.4 | 22.7 | 0.094       | 0.503 | 20.452020 | -100.084549 |
| T. Izq. Acámbaro   | 170.45   | 3  | 2  | 41279 | 0.9                                  | 72.4 | 4.2 | 3.2 | 5.3 | 9.7  | 1.7  | 1.8    | 0.8   | 73.3 | 4.2 | 22.5 | 0.087       | 0.503 | 20.452420 | -100.085483 |
| T. Der. Libramiento de Querétaro a San Luis Potosí           | 207.00   | 1  | 1  | 57330 | 0.7                                  | 79.4 | 3.6 | 3.0 | 4.9 | 5.3  | 1.8  | 0.7    | 0.6   | 80.1 | 3.6 | 16.3 | 0.085       | 0.501 | 20.573096 | -100.323004 |
| T. Der. Libramiento de Querétaro a San Luis Potosí           | 207.00   | 1  | 2  | 57608 | 0.5                                  | 79.2 | 3.8 | 2.9 | 4.9 | 5.5  | 1.7  | 0.8    | 0.7   | 79.7 | 3.8 | 16.5 | 0.090       | 0.501 | 20.573139 | -100.325246 |
| T. Der. Libramiento de Querétaro a San Luis Potosí           | 207.00   | 3  | 1  | 60257 | 0.7                                  | 84.7 | 2.1 | 1.9 | 3.8 | 4.2  | 1.5  | 0.4    | 0.7   | 85.4 | 2.1 | 12.5 | 0.107       | 0.503 | 20.578086 | -100.381351 |
| T. Der. Libramiento de Querétaro a San Luis Potosí Querétaro | 207.00   | 3  | 2  | 59435 | 0.8                                  | 83.3 | 2.3 | 2.2 | 4.2 | 4.3  | 1.8  | 0.4    | 0.7   | 84.1 | 2.3 | 13.6 | 0.112       | 0.503 | 20.577951 | -100.381309 |

19 CARR: Actopan - Progreso

CLAVE: 13038

RUTA: HGO

AÑO: 2017

| 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   |
| Actopan | 0.00     | 3  | 1  | 8342 | 4.5                                  | 86.0 | 0.4 | 7.1 | 0.8 | 0.5  | 0.4  | 0.3    | 0.0   | 90.5 | 0.4 | 9.1  | 0.090       | 0.559 | 20.266133 | -98.955564 |
| Actopan | 0.00     | 3  | 2  | 6593 | 0.6                                  | 88.0 | 0.5 | 9.0 | 0.8 | 0.5  | 0.3  | 0.2    | 0.1   | 88.6 | 0.5 | 10.9 | 0.100       | 0.559 | 20.266203 | -98.955583 |

HIDALGO

19 CARR: Actopan - Progreso

CLAVE: 13038

RUTA: HGO

AÑO: 2017

| 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   |
| Progreso | 23.90    | 1  | 1  | 6047 | 3.0                                  | 88.2 | 1.2 | 5.4 | 0.8 | 0.5  | 0.4  | 0.3    | 0.2   | 91.2 | 1.2 | 7.6 | 0.088 | 0.508       | 20.245327 | -99.175531 |
| Progreso | 23.90    | 1  | 2  | 6249 | 2.2                                  | 88.0 | 1.3 | 6.1 | 1.0 | 0.5  | 0.4  | 0.3    | 0.2   | 90.2 | 1.3 | 8.5 | 0.074 | 0.508       | 20.245196 | -99.175500 |

20 CARR: El Saucillo - Amealco

CLAVE: 13103

RUTA: HGO-103

AÑO: 2017

| 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. Portezuelo - Palmillas | 0.00     | 3  | 0  | 4057 | 0.8                                  | 82.8 | 3.3 | 8.4 | 1.8 | 1.4  | 0.8  | 0.4    | 0.3   | 83.6 | 3.3 | 13.1 | 0.090 | 0.508       | 20.313356 | -99.715603 |
| Nopala                       | 11.00    | 1  | 1  | 2175 | 1.1                                  | 84.2 | 2.6 | 7.0 | 1.4 | 1.5  | 1.2  | 0.5    | 0.5   | 85.3 | 2.6 | 12.1 | 0.109 | 0.508       | 20.254344 | -99.654138 |
| Nopala                       | 11.00    | 1  | 2  | 2242 | 0.9                                  | 83.5 | 2.9 | 7.3 | 1.5 | 1.6  | 1.4  | 0.5    | 0.4   | 84.4 | 2.9 | 12.7 | 0.117 | 0.508       | 20.254421 | -99.654153 |
| Nopala                       | 11.00    | 3  | 0  | 4182 | 1.1                                  | 81.4 | 2.7 | 7.7 | 1.8 | 2.6  | 1.5  | 0.5    | 0.7   | 82.5 | 2.7 | 14.8 | 0.094 | 0.517       | 20.245535 | -99.636140 |
| Amealco                      | 21.40    | 1  | 0  | 2365 | 1.5                                  | 83.6 | 2.1 | 6.2 | 1.4 | 1.9  | 1.8  | 0.7    | 0.8   | 85.1 | 2.1 | 12.8 | 0.099 | 0.501       | 20.239165 | -99.560903 |

21 CARR: Ent. Emiliano Zapata - Cd. Sahagún

CLAVE: 13255

RUTA: HGO

AÑO: 2017

| 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. Calpulalpan - El Ocote | 0.00     |    |    |      |                                      |      |     |     |     |      |      |        |       |      |     |      |       |             |           |            |
| Emiliano Zapata              | 2.70     | 1  | 1  | 4643 | 1.2                                  | 75.9 | 1.9 | 7.3 | 3.0 | 5.8  | 2.6  | 1.5    | 0.8   | 77.1 | 1.9 | 21.0 | 0.067 | 0.515       | 19.642242 | -98.537875 |
| Emiliano Zapata              | 2.70     | 1  | 2  | 4376 | 1.8                                  | 72.9 | 1.9 | 8.5 | 3.4 | 6.4  | 2.8  | 1.5    | 0.8   | 74.7 | 1.9 | 23.4 | 0.072 | 0.515       | 19.642340 | -98.537766 |
| T. Izq. Otumba               | 14.00    | 1  | 1  | 5556 | 1.5                                  | 81.4 | 2.1 | 6.7 | 1.5 | 3.4  | 2.0  | 0.5    | 0.9   | 82.9 | 2.1 | 15.0 | 0.073 | 0.511       | 19.742652 | -98.582172 |
| T. Izq. Otumba               | 14.00    | 1  | 2  | 5306 | 1.8                                  | 79.0 | 2.4 | 7.8 | 1.7 | 3.7  | 2.2  | 0.5    | 0.9   | 80.8 | 2.4 | 16.8 | 0.079 | 0.511       | 19.742583 | -98.582231 |
| Cd. Sahagún                  | 17.98    | 1  | 1  | 7050 | 1.2                                  | 85.6 | 1.0 | 5.7 | 1.1 | 2.9  | 1.3  | 0.6    | 0.6   | 86.8 | 1.0 | 12.2 | 0.084 | 0.508       | 19.764288 | -98.587325 |
| Cd. Sahagún                  | 17.98    | 1  | 2  | 7268 | 1.1                                  | 83.9 | 1.1 | 6.8 | 1.2 | 3.2  | 1.5  | 0.6    | 0.6   | 85.0 | 1.1 | 13.9 | 0.079 | 0.508       | 19.764318 | -98.587379 |

22 CARR: Ent. Tepeji del Río - Tlahuelilpan

CLAVE: 13017

RUTA: HGO-017

AÑO: 2017

| LUGAR                                   | ESTACION |    |    |       | CLASIFICACION VEHICULAR EN PORCIENTO |      |     |     |     |      |      |        |       |      |     |      |       | COORDENADAS |           |            |
|---|----------|----|----|-------|--------------------------------------|------|-----|-----|-----|------|------|--------|-------|------|-----|------|-------|-------------|-----------|------------|
|   | KM       | TE | SC | TDPA  | M                                    | A    | B   | C2  | C3  | T3S2 | T3S3 | T3S2R4 | OTROS | A    | B   | C    | K'    | D           | LATITUD   | LONGITUD   |
| T. C. México - Querétaro (Cuota)        | 0.00     |    |    |       |                                      |      |     |     |     |      |      |        |       |      |     |      |       |             |           |            |
| T. Izq. Tepeji del Río                  | 3.00     | 3  | 1  | 7000  | 2.3                                  | 85.1 | 1.0 | 7.5 | 0.7 | 1.1  | 1.3  | 0.8    | 0.2   | 87.4 | 1.0 | 11.6 | 0.072 | 0.507       | 19.942871 | -99.339521 |
| T. Izq. Tepeji del Río                  | 3.00     | 3  | 2  | 7195  | 1.8                                  | 84.5 | 1.1 | 8.0 | 0.7 | 1.2  | 1.5  | 1.0    | 0.2   | 86.3 | 1.1 | 12.6 | 0.071 | 0.507       | 19.942867 | -99.339439 |
| Tula de Allende                         | 18.00    | 1  | 0  | 15031 | 3.4                                  | 82.9 | 1.1 | 5.6 | 1.0 | 3.8  | 1.3  | 0.6    | 0.3   | 86.3 | 1.1 | 12.6 | 0.078 | 0.506       | 20.046915 | -99.340337 |
| X. C. Arco Norte de La Ciudad de México | 19.40    | 1  | 1  | 11237 | 1.4                                  | 84.7 | 1.7 | 4.6 | 2.2 | 2.7  | 1.4  | 0.8    | 0.5   | 86.1 | 1.7 | 12.2 | 0.083 | 0.514       | 20.093220 | -99.291846 |
| X. C. Arco Norte de La Ciudad de México | 19.40    | 1  | 2  | 10630 | 1.4                                  | 82.9 | 1.9 | 5.1 | 2.6 | 3.1  | 1.6  | 0.8    | 0.6   | 84.3 | 1.9 | 13.8 | 0.099 | 0.514       | 20.093334 | -99.291909 |



HIDALGO

22 CARR: Ent. Tepeji del Río - Tlahuelilpan

CLAVE: 13017

RUTA: HGO-017

AÑO: 2017

| 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   |
| Tlahuelilpan de Ocampo | 32.00    | 1  | 1  | 7422 | 2.8                                  | 84.8 | 0.9 | 8.5 | 1.1 | 1.0  | 0.5  | 0.2    | 0.2   | 87.6 | 0.9 | 11.5 | 0.086 | 0.529       | 20.125973 | -99.246649 |
| Tlahuelilpan de Ocampo | 32.00    | 1  | 2  | 8326 | 2.7                                  | 84.1 | 1.0 | 8.8 | 1.3 | 1.1  | 0.6  | 0.2    | 0.2   | 86.8 | 1.0 | 12.2 | 0.105 | 0.529       | 20.125840 | -99.246579 |

23 CARR: Ent. Tolman - Cd. Sahagún

CLAVE: 00119

RUTA: EM-009-HGO

AÑO: 2017

| 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. Venta de Carpio - Tulancingo | 0.00     | 3  | 0  | 14443 | 0.9                                  | 83.5 | 0.5 | 5.3  | 0.9 | 6.9  | 0.8  | 0.3    | 0.9   | 84.4 | 0.5 | 15.1 | 0.066 | 0.509       | 19.714536 | -98.791172 |
| Otumba                             | 5.00     | 3  | 0  | 5845  | 1.9                                  | 81.2 | 1.8 | 12.5 | 1.0 | 1.0  | 0.4  | 0.0    | 0.2   | 83.1 | 1.8 | 15.1 | 0.072 | 0.510       | 19.710377 | -98.743277 |
| T. Der. Jaltepec                   | 21.00    | 3  | 0  | 4580  | 1.8                                  | 81.0 | 2.1 | 12.5 | 1.1 | 1.0  | 0.4  | 0.0    | 0.1   | 82.8 | 2.1 | 15.1 | 0.058 | 0.513       | 19.750474 | -98.650089 |
| Lim. Edos. Term. Mex. Ppia. Hgo.   | 25.00    |    |    |       |                                      |      |     |      |     |      |      |        |       |      |     |      |       |             |           |            |
| Cd. Sahagún                        | 32.00    | 1  | 0  | 7438  | 1.6                                  | 75.9 | 2.1 | 11.8 | 1.0 | 6.4  | 0.4  | 0.5    | 0.3   | 77.5 | 2.1 | 20.4 | 0.065 | 0.502       | 19.754432 | -98.593027 |

24 CARR: Francisco I. Madero - Tula de Allende

CLAVE: 13043

RUTA: HGO

AÑO: 2017

| 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. Portezuelo - Palmillas                        | 0.00     | 3  | 0  | 4683 | 3.8                                  | 80.1 | 3.7 | 7.7 | 0.8 | 2.9  | 0.5  | 0.1    | 0.4   | 83.9 | 3.7 | 12.4 | 0.075 | 0.510       | 20.444144 | -99.361633 |
| Gral. Pedro María Anaya                             | 38.20    | 1  | 0  | 5190 | 4.0                                  | 84.2 | 1.3 | 5.4 | 1.2 | 2.3  | 1.0  | 0.1    | 0.5   | 88.2 | 1.3 | 10.5 | 0.067 | 0.502       | 20.161869 | -99.364051 |
| T. C. (México - Querétaro) - Tlahuelilpan de Ocampo | 52.70    | 1  | 0  | 9346 | 1.6                                  | 85.7 | 0.6 | 6.0 | 1.6 | 2.1  | 1.3  | 0.4    | 0.7   | 87.3 | 0.6 | 12.1 | 0.107 | 0.514       | 20.067002 | -99.330384 |

25 CARR: Huichapan - Tecozautla

CLAVE: 13030

RUTA: HGO-030

AÑO: 2017

| 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   |
| Huichapan  | 0.00     | 3  | 0  | 6410 | 0.6                                  | 85.2 | 1.5 | 6.5 | 1.3 | 3.3  | 1.0  | 0.2    | 0.4   | 85.8 | 1.5 | 12.7 | 0.076 | 0.513       | 20.383640 | -99.659763 |
| Tecozautla | 30.85    |    |    |      |                                      |      |     |     |     |      |      |        |       |      |     |      |       |             |           |            |

26 CARR: Jilotepec - Maravillas

CLAVE: 00015

RUTA: EM-HGO

AÑO: 2017

| 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   |
| Jilotepec                        | 0.00     | 3  | 0  | 7914 | 1.6                                  | 85.3 | 2.3 | 5.0 | 0.6 | 3.7  | 0.5  | 0.2    | 0.8   | 86.9 | 2.3 | 10.8 | 0.076 | 0.509       | 19.954195 | -99.549664 |
| X. C. México - Querétaro (Cuota) | 21.30    | 1  | 0  | 2645 | 2.0                                  | 83.9 | 2.5 | 8.3 | 1.1 | 1.0  | 0.8  | 0.3    | 0.1   | 85.9 | 2.5 | 11.6 | 0.095 | 0.510       | 20.081248 | -99.630867 |
| X. C. México - Querétaro (Cuota) | 21.30    | 3  | 0  | 4145 | 1.9                                  | 83.2 | 2.6 | 8.2 | 1.5 | 1.8  | 0.5  | 0.1    | 0.2   | 85.1 | 2.6 | 12.3 | 0.081 | 0.509       | 20.088342 | -99.627046 |

HIDALGO

26 CARR: Jilotepec - Maravillas

CLAVE: 00015

RUTA: EM-HGO

AÑO: 2017

| 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   |
| Acazuchitlán                     | 29.00    | 1  | 0  | 2728 | 1.9                                  | 82.3 | 1.5 | 10.5 | 0.9 | 1.5  | 0.5  | 0.5    | 0.4   | 84.2 | 1.5 | 14.3 | 0.093 | 0.501       | 20.139822 | -99.602120 |
| Lim. Edos. Term. Mex. Ppia. Hgo. | 29.30    |    |    |      |                                      |      |     |      |     |      |      |        |       |      |     |      |       |             |           |            |
| Maravillas                       | 36.40    | 1  | 0  | 1675 | 1.8                                  | 81.5 | 3.5 | 9.0  | 1.4 | 1.5  | 0.6  | 0.3    | 0.4   | 83.3 | 3.5 | 13.2 | 0.126 | 0.517       | 20.197632 | -99.584315 |
| T. C. El Saucillo - Amealco      | 40.00    | 1  | 0  | 2713 | 1.8                                  | 79.2 | 4.7 | 10.9 | 0.8 | 1.5  | 0.5  | 0.3    | 0.3   | 81.0 | 4.7 | 14.3 | 0.111 | 0.533       | 20.234904 | -99.595506 |

27 CARR: Libramiento de Atotonilco El Grande

CLAVE: 13238

RUTA: HGO

AÑO: 2017

| 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. Pachuca - Tempoal (1er. Acceso) | 0.00     | 3  | 0  | 7213 | 0.8                                  | 86.2 | 1.5 | 8.3 | 1.5 | 0.9  | 0.7  | 0.0    | 0.1   | 87.0 | 1.5 | 11.5 | 0.085 | 0.513       | 20.272956 | -98.646860 |
| T. C. Pachuca - Tempoal (2do. Acceso) | 6.30     | 1  | 0  | 7932 | 1.1                                  | 85.7 | 1.6 | 8.6 | 1.5 | 0.8  | 0.6  | 0.0    | 0.1   | 86.8 | 1.6 | 11.6 | 0.081 | 0.503       | 20.296394 | -98.670837 |

28 CARR: Lolotla - Atlapexco

CLAVE: 13238

RUTA: HGO

AÑO: 2017

| 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. Pachuca - Tempoal | 0.00     | 3  | 0  | 1242 | 1.5                                  | 85.8 | 1.8 | 7.6 | 1.0 | 1.3  | 0.6  | 0.2    | 0.2   | 87.3 | 1.8 | 10.9 | 0.089 | 0.507       | 20.875560 | -98.703251 |
| Atlapexco               | 68.00    | 1  | 0  | 2909 | 7.9                                  | 84.8 | 0.2 | 4.4 | 0.3 | 1.6  | 0.5  | 0.1    | 0.2   | 92.7 | 0.2 | 7.1  | 0.089 | 0.509       | 21.015067 | -98.353050 |
| T. C. Álamo - Huejutla  | 69.80    |    |    |      |                                      |      |     |     |     |      |      |        |       |      |     |      |       |             |           |            |

29 CARR: Los Reyes - El Tephé

CLAVE: 00021

RUTA: EM-HGO

AÑO: 2017

| LUGAR                            | ESTACION |    |    |       | CLASIFICACION VEHICULAR EN PORCIENTO |      |     |      |     |      |      |        |       |      |     |      |       | COORDENADAS |           |            |
|----------------------------------|----------|----|----|-------|--------------------------------------|------|-----|------|-----|------|------|--------|-------|------|-----|------|-------|-------------|-----------|------------|
|                                  | KM       | TE | SC | TDPA  | M                                    | A    | B   | C2   | C3  | T3S2 | T3S3 | T3S2R4 | OTROS | A    | B   | C    | K'    | D           | LATITUD   | LONGITUD   |
| T. C. México - Pachuca (Libre)   | 0.00     |    |    |       |                                      |      |     |      |     |      |      |        |       |      |     |      |       |             |           |            |
| Los Reyes                        | 1.35     | 3  | 1  | 9197  | 3.1                                  | 87.7 | 0.2 | 7.7  | 0.6 | 0.5  | 0.2  | 0.0    | 0.0   | 90.8 | 0.2 | 9.0  | 0.065 | 0.506       | 19.769593 | -98.996412 |
| Los Reyes                        | 1.35     | 3  | 2  | 9407  | 3.7                                  | 86.3 | 0.2 | 8.5  | 0.6 | 0.5  | 0.2  | 0.0    | 0.0   | 90.0 | 0.2 | 9.8  | 0.065 | 0.506       | 19.769652 | -98.996380 |
| Zumpango                         | 15.35    | 1  | 1  | 14551 | 3.9                                  | 88.9 | 0.2 | 5.5  | 0.6 | 0.5  | 0.3  | 0.0    | 0.1   | 92.8 | 0.2 | 7.0  | 0.079 | 0.502       | 19.791594 | -99.070178 |
| Zumpango                         | 15.35    | 1  | 2  | 14446 | 3.8                                  | 88.5 | 0.2 | 6.0  | 0.6 | 0.5  | 0.3  | 0.0    | 0.1   | 92.3 | 0.2 | 7.5  | 0.075 | 0.502       | 19.791481 | -99.070287 |
| Zumpango                         | 15.35    | 3  | 0  | 19657 | 2.1                                  | 80.2 | 2.6 | 9.2  | 1.9 | 1.7  | 1.4  | 0.4    | 0.5   | 82.3 | 2.6 | 15.1 | 0.068 | 0.504       | 19.820775 | -99.115182 |
| Tequixquiác                      | 29.00    | 1  | 0  | 11798 | 5.8                                  | 75.0 | 2.8 | 10.1 | 1.6 | 1.9  | 1.6  | 0.5    | 0.7   | 80.8 | 2.8 | 16.4 | 0.072 | 0.508       | 19.893747 | -99.139413 |
| Apaxco                           | 39.00    | 3  | 1  | 4826  | 1.1                                  | 77.6 | 2.4 | 12.7 | 2.3 | 2.4  | 0.9  | 0.3    | 0.3   | 78.7 | 2.4 | 18.9 | 0.068 | 0.519       | 19.984266 | -99.179787 |
| Apaxco                           | 39.00    | 3  | 2  | 4480  | 1.4                                  | 74.8 | 2.8 | 14.5 | 2.5 | 2.2  | 1.3  | 0.2    | 0.3   | 76.2 | 2.8 | 21.0 | 0.068 | 0.519       | 19.984250 | -99.179878 |
| Lim. Edos. Term. Mex. Ppia. Hgo. | 40.00    |    |    |       |                                      |      |     |      |     |      |      |        |       |      |     |      |       |             |           |            |
| T. Izq. Atotonilco (1° Acceso)   | 42.00    | 1  | 0  | 7454  | 3.1                                  | 74.5 | 2.5 | 13.4 | 2.3 | 3.2  | 0.4  | 0.4    | 0.2   | 77.6 | 2.5 | 19.9 | 0.068 | 0.505       | 19.995847 | -99.186992 |

HIDALGO

29 CARR: Los Reyes - El Tephé

CLAVE: 00021

RUTA: EM-HGO

AÑO: 2017

| 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. Arco Norte de La Ciudad de México | 50.00    | 3  | 1  | 6704  | 3.7                                  | 83.9 | 2.0 | 6.5 | 0.9 | 1.7  | 0.7  | 0.2    | 0.4   | 87.6 | 2.0         | 10.4 | 0.078 | 0.503 | 20.069493 | -99.220649 |
| X. C. Arco Norte de La Ciudad de México | 50.00    | 3  | 2  | 6618  | 5.1                                  | 81.1 | 2.3 | 7.3 | 0.9 | 2.0  | 0.7  | 0.2    | 0.4   | 86.2 | 2.3         | 11.5 | 0.079 | 0.503 | 20.069511 | -99.220534 |
| Tlaxcoapan                              | 52.00    | 3  | 0  | 8863  | 6.7                                  | 80.9 | 2.6 | 7.4 | 0.7 | 1.0  | 0.2  | 0.2    | 0.3   | 87.6 | 2.6         | 9.8  | 0.087 | 0.516 | 20.104712 | -99.221791 |
| Tlahuelilpan de Ocampo                  | 60.00    | 3  | 1  | 9911  | 3.9                                  | 83.1 | 2.6 | 6.7 | 1.1 | 1.2  | 0.9  | 0.2    | 0.3   | 87.0 | 2.6         | 10.4 | 0.073 | 0.503 | 20.149570 | -99.234277 |
| Tlahuelilpan de Ocampo                  | 60.00    | 3  | 2  | 9810  | 2.9                                  | 83.1 | 2.9 | 6.9 | 1.2 | 1.4  | 1.1  | 0.2    | 0.3   | 86.0 | 2.9         | 11.1 | 0.071 | 0.503 | 20.149574 | -99.234350 |
| Progreso                                | 72.00    | 1  | 1  | 12362 | 3.8                                  | 84.5 | 2.5 | 5.5 | 0.9 | 1.3  | 0.8  | 0.2    | 0.5   | 88.3 | 2.5         | 9.2  | 0.066 | 0.519 | 20.237008 | -99.195131 |
| Progreso                                | 72.00    | 1  | 2  | 11472 | 3.8                                  | 83.0 | 2.9 | 6.3 | 1.0 | 1.4  | 0.9  | 0.2    | 0.5   | 86.8 | 2.9         | 10.3 | 0.063 | 0.519 | 20.237058 | -99.195179 |
| El Tephé                                | 97.00    | 1  | 0  | 7944  | 4.7                                  | 83.3 | 2.6 | 6.6 | 0.8 | 1.0  | 0.5  | 0.2    | 0.3   | 88.0 | 2.6         | 9.4  | 0.080 | 0.513 | 20.430749 | -99.171269 |

30 CARR: Otumba - Tizayuca

CLAVE: 00012

RUTA: EM-HGO

AÑO: 2017

| 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   |
| Otumba                             | 0.00     | 3  | 0  | 4303 | 4.9                                  | 88.7 | 0.1 | 3.3  | 0.1 | 2.3  | 0.2  | 0.0    | 0.4   | 93.6 | 0.1         | 6.3  | 0.079 | 0.504 | 19.713452 | -98.758120 |
| X. C. Venta de Carpio - Tulancingo | 6.00     | 3  | 1  | 2254 | 0.5                                  | 85.6 | 0.4 | 9.3  | 0.9 | 2.5  | 0.3  | 0.1    | 0.4   | 86.1 | 0.4         | 13.5 | 0.071 | 0.508 | 19.755621 | -98.756736 |
| X. C. Venta de Carpio - Tulancingo | 6.00     | 3  | 2  | 2328 | 1.1                                  | 83.1 | 0.4 | 10.9 | 1.0 | 2.7  | 0.3  | 0.1    | 0.4   | 84.2 | 0.4         | 15.4 | 0.077 | 0.508 | 19.755601 | -98.756788 |
| Temascalapa                        | 26.50    | 3  | 0  | 7064 | 3.5                                  | 80.3 | 0.7 | 7.9  | 1.3 | 4.6  | 0.7  | 0.2    | 0.8   | 83.8 | 0.7         | 15.5 | 0.070 | 0.503 | 19.830244 | -98.913966 |
| Lim. Edos. Term. Mex. Ppia. Hgo.   | 29.00    |    |    |      |                                      |      |     |      |     |      |      |        |       |      |             |      |       |       |           |            |
| Tizayuca                           | 37.10    | 1  | 1  | 8880 | 3.8                                  | 87.4 | 0.5 | 3.8  | 0.8 | 1.6  | 1.4  | 0.2    | 0.5   | 91.2 | 0.5         | 8.3  | 0.075 | 0.506 | 19.839200 | -98.967626 |
| Tizayuca                           | 37.10    | 1  | 2  | 9110 | 3.3                                  | 87.0 | 0.6 | 4.3  | 0.9 | 1.7  | 1.5  | 0.2    | 0.5   | 90.3 | 0.6         | 9.1  | 0.085 | 0.506 | 19.839319 | -98.967624 |

31 CARR: Ramal a El Chico

CLAVE: 13256

RUTA: HGO

AÑO: 2017

| 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. Pachuca - Tempoal | 0.00     | 3  | 0  | 2953 | 2.1                                  | 90.5 | 0.2 | 2.8 | 0.3 | 2.2  | 0.7  | 0.4    | 0.8   | 92.6 | 0.2         | 7.2 | 0.085 | 0.501 | 20.139447 | -98.724630 |
| Mineral El Chico        | 21.00    | 1  | 0  | 1296 | 2.4                                  | 91.1 | 0.2 | 5.5 | 0.3 | 0.4  | 0.1  | 0.0    | 0.0   | 93.5 | 0.2         | 6.3 | 0.147 | 0.511 | 20.209584 | -98.727851 |

32 CARR: Ramal a Pachuca

CLAVE: 13254

RUTA: HGO

AÑO: 2017

| 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. Colonia - Portezuelo | 0.00     | 3  | 1  | 14376 | 0.8                                  | 89.4 | 1.8 | 6.7 | 0.8 | 0.3  | 0.2  | 0.0    | 0.0   | 90.2 | 1.8         | 8.0 | 0.113 | 0.510 | 20.121279 | -98.820331 |
| T. C. Colonia - Portezuelo | 0.00     | 3  | 2  | 13797 | 0.7                                  | 88.9 | 1.9 | 7.2 | 0.8 | 0.3  | 0.2  | 0.0    | 0.0   | 89.6 | 1.9         | 8.5 | 0.091 | 0.510 | 20.121279 | -98.820323 |
| Pachuca                    | 10.00    |    |    |       |                                      |      |     |     |     |      |      |        |       |      |             |     |       |       |           |            |

HIDALGO

33 CARR: San Alejo - Huayacocotla

CLAVE: 00132

RUTA: HGO-051-VER-113

AÑO: 2017

| 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. Pachuca - Túxpam           | 0.00     | 3  | 0  | 5139 | 8.8                                  | 81.2 | 1.3 | 7.1  | 0.9 | 0.3  | 0.2  | 0.1    | 0.1   | 90.0 | 1.3         | 8.7  | 0.097 | 0.502 | 20.154280 | -98.287365 |
| Metepec                          | 11.80    | 3  | 0  | 3150 | 8.6                                  | 78.1 | 0.3 | 11.4 | 0.9 | 0.3  | 0.2  | 0.1    | 0.1   | 86.7 | 0.3         | 13.0 | 0.074 | 0.502 | 20.242661 | -98.330910 |
| Agua Blanca                      | 29.48    | 3  | 0  | 3321 | 2.4                                  | 87.5 | 1.2 | 6.5  | 1.0 | 0.9  | 0.2  | 0.2    | 0.1   | 89.9 | 1.2         | 8.9  | 0.097 | 0.522 | 20.353571 | -98.360783 |
| Lim. Edos. Term. Hgo. Ppia. Ver. | 36.48    |    |    |      |                                      |      |     |      |     |      |      |        |       |      |             |      |       |       |           |            |
| Huayacocotla                     | 66.00    | 1  | 0  | 3205 | 2.9                                  | 80.1 | 0.4 | 7.5  | 2.1 | 3.6  | 2.0  | 0.7    | 0.7   | 83.0 | 0.4         | 16.6 | 0.087 | 0.515 | 20.527373 | -98.493008 |

34 CARR: San Felipe Orizatlán - Huejutla de Reyes

CLAVE: 13258

RUTA: HGO

AÑO: 2017

| 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 Felipe Orizatlán | 0.00     | 3  | 0  | 3735 | 12.2                                 | 76.1 | 0.8 | 6.5 | 1.1 | 2.6  | 0.4  | 0.0    | 0.3   | 88.3 | 0.8         | 10.9 | 0.085 | 0.500 | 21.171982 | -98.591126 |
| Huejutla de Reyes    | 25.00    | 1  | 0  | 3146 | 11.1                                 | 84.2 | 0.0 | 2.2 | 0.0 | 2.2  | 0.1  | 0.0    | 0.2   | 95.3 | 0.0         | 4.7  | 0.081 | 0.511 | 21.125624 | -98.468593 |

35 CARR: Santo Domingo - T. C. (México - Querétaro)

CLAVE: 00433

RUTA: EM-011-HGO

AÑO: 2017

| 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             | 0.00     | 3  | 0  | 9007 | 0.8                                  | 87.3 | 0.9 | 6.3 | 0.6 | 1.9  | 1.1  | 0.7    | 0.4   | 88.1 | 0.9         | 11.0 | 0.070 | 0.501 | 19.622223 | -99.774809 |
| X. C. Los Reyes - Ixtlahuaca         | 6.11     | 3  | 0  | 8423 | 1.2                                  | 81.7 | 2.6 | 8.3 | 0.8 | 2.8  | 1.2  | 0.9    | 0.5   | 82.9 | 2.6         | 14.5 | 0.079 | 0.517 | 19.657408 | -99.725888 |
| X. C. Villa del Carbón - Atlacomulco | 23.94    | 3  | 1  | 2754 | 0.9                                  | 77.9 | 2.7 | 6.1 | 2.2 | 5.7  | 2.0  | 1.6    | 0.9   | 78.8 | 2.7         | 18.5 | 0.083 | 0.504 | 19.788788 | -99.702766 |
| X. C. Villa del Carbón - Atlacomulco | 23.94    | 3  | 2  | 2804 | 1.4                                  | 75.1 | 2.9 | 7.1 | 2.4 | 5.7  | 2.3  | 2.0    | 1.1   | 76.5 | 2.9         | 20.6 | 0.067 | 0.504 | 19.788788 | -99.702766 |
| T. Der. Chapa de Mota                | 42.70    | 1  | 0  | 9871 | 1.0                                  | 80.1 | 2.2 | 7.2 | 1.1 | 5.4  | 1.0  | 1.1    | 0.9   | 81.1 | 2.2         | 16.7 | 0.074 | 0.503 | 19.924727 | -99.584619 |
| Lim. Edos. Term. Mex. Ppia. Hgo.     | 63.34    |    |    |      |                                      |      |     |     |     |      |      |        |       |      |             |      |       |       |           |            |
| T. C. México - Querétaro (Cuota)     | 65.84    | 1  | 1  | 4775 | 0.6                                  | 83.5 | 1.7 | 6.8 | 1.8 | 3.0  | 1.4  | 0.6    | 0.6   | 84.1 | 1.7         | 14.2 | 0.091 | 0.506 | 19.971227 | -99.451243 |
| T. C. México - Querétaro (Cuota)     | 65.84    | 1  | 2  | 4665 | 1.2                                  | 81.4 | 1.9 | 7.4 | 1.9 | 3.3  | 1.5  | 0.7    | 0.7   | 82.6 | 1.9         | 15.5 | 0.086 | 0.506 | 19.971150 | -99.451234 |

36 CARR: T. C. (Los Reyes - El Tephé) - Tizayuca

CLAVE: 00014

RUTA: EM-HGO

AÑO: 2017

| 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. Los Reyes - El Tephé       | 0.00     | 3  | 0  | 6299 | 7.0                                  | 80.7 | 0.2 | 4.0 | 1.0 | 5.1  | 0.8  | 0.4    | 0.8   | 87.7 | 0.2         | 12.1 | 0.075 | 0.502 | 19.783547 | -99.026128 |
| Lim. Edos. Term. Mex. Ppia. Hgo. | 6.50     |    |    |      |                                      |      |     |     |     |      |      |        |       |      |             |      |       |       |           |            |
| Tizayuca                         | 8.00     | 1  | 0  | 8047 | 7.4                                  | 77.6 | 0.4 | 4.9 | 0.5 | 7.0  | 1.1  | 0.4    | 0.7   | 85.0 | 0.4         | 14.6 | 0.077 | 0.503 | 19.825994 | -98.990435 |

HIDALGO

37 CARR: Tepeji del Río - T.C. (México - Querétaro)

CLAVE: 13104

RUTA: HGO

AÑO: 2017

| 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. Tepeji del Río - Tlahuelilpan de Ocampo | 0.00     | 3  | 0  | 6281 | 2.5                                  | 77.1 | 1.0 | 10.9 | 1.5 | 3.3  | 1.7  | 1.6    | 0.4   | 79.6 | 1.0 | 19.4 | 0.080 | 0.505       | 19.943735 | -99.341846 |
| T. C. México - Querétaro                           | 12.40    | 1  | 0  | 3833 | 3.3                                  | 72.6 | 3.2 | 16.0 | 1.1 | 1.7  | 1.0  | 0.6    | 0.5   | 75.9 | 3.2 | 20.9 | 0.084 | 0.548       | 19.977404 | -99.435683 |

38 CARR: Tlahuelilpan - San Agustín Tlaxiaca

CLAVE: 13435

RUTA: HGO

AÑO: 2017

| 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   |
| Tlahuelilpan                    | 0.00     | 3  | 0  | 3021 | 11.5                                 | 83.2 | 0.2 | 4.8 | 0.3 | 0.0  | 0.0  | 0.0    | 0.0   | 94.7 | 0.2 | 5.1 | 0.081 | 0.504       | 20.136857 | -99.226218 |
| Ignacio Zaragoza                | 25.50    | 3  | 0  | 3374 | 1.8                                  | 88.2 | 1.8 | 7.2 | 0.8 | 0.1  | 0.1  | 0.0    | 0.0   | 90.0 | 1.8 | 8.2 | 0.093 | 0.505       | 20.131067 | -98.996130 |
| T. C. (La Colonia - Portezuelo) | 48.00    | 1  | 0  | 5822 | 1.5                                  | 91.0 | 1.2 | 5.3 | 0.7 | 0.2  | 0.1  | 0.0    | 0.0   | 92.5 | 1.2 | 6.3 | 0.085 | 0.509       | 20.119023 | -98.901613 |

39 CARR: Calpulalpan - El Ocote

CLAVE: 00054

RUTA: MEX-HGO

AÑO: 2017

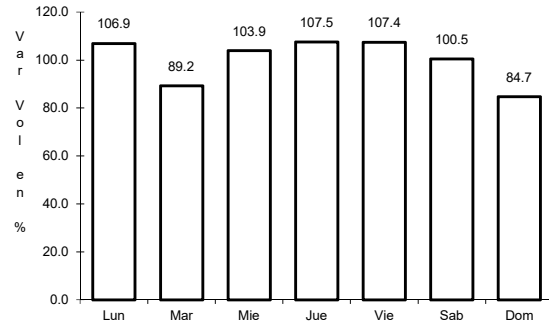
| LUGAR                                   | ESTACION |    |    |      | CLASIFICACION VEHICULAR EN PORCIENTO |      |     |      |     |      |      |        |       |      |     |      |       | COORDENADAS |           |            |
|---|----------|----|----|------|--------------------------------------|------|-----|------|-----|------|------|--------|-------|------|-----|------|-------|-------------|-----------|------------|
|   | KM       | TE | SC | TDPA | M                                    | A    | B   | C2   | C3  | T3S2 | T3S3 | T3S2R4 | OTROS | A    | B   | C    | K'    | D           | LATITUD   | LONGITUD   |
| Calpulalpan                             | 0.00     | 3  | 0  | 9516 | 1.0                                  | 73.9 | 2.0 | 7.8  | 2.3 | 8.2  | 2.1  | 1.7    | 1.0   | 74.9 | 2.0 | 23.1 | 0.062 | 0.512       | 19.600825 | -98.567609 |
| X. C. Arco Norte de La Ciudad de México | 4.00     | 3  | 0  | 8013 | 1.3                                  | 77.2 | 1.8 | 6.6  | 2.1 | 6.7  | 2.1  | 1.2    | 1.0   | 78.5 | 1.8 | 19.7 | 0.071 | 0.510       | 19.633756 | -98.536070 |
| Lim. Edos. Term. Tlax. Ppia. Hgo.       | 5.00     |    |    |      |                                      |      |     |      |     |      |      |        |       |      |     |      |       |             |           |            |
| Apan                                    | 19.58    | 3  | 1  | 4681 | 1.3                                  | 91.6 | 0.4 | 5.5  | 0.5 | 0.2  | 0.2  | 0.1    | 0.2   | 92.9 | 0.4 | 6.7  | 0.067 | 0.523       | 19.728512 | -98.470831 |
| Apan                                    | 19.58    | 3  | 2  | 5130 | 1.1                                  | 91.1 | 0.3 | 6.3  | 0.5 | 0.2  | 0.2  | 0.1    | 0.2   | 92.2 | 0.3 | 7.5  | 0.065 | 0.523       | 19.728428 | -98.470905 |
| Tepeapulco                              | 34.92    | 3  | 0  | 4356 | 1.2                                  | 84.6 | 0.6 | 8.2  | 1.2 | 2.9  | 0.7  | 0.2    | 0.4   | 85.8 | 0.6 | 13.6 | 0.093 | 0.509       | 19.795499 | -98.558866 |
| X. C. Venta de Carpio - Tulancingo      | 51.18    | 1  | 0  | 3210 | 1.2                                  | 81.9 | 0.9 | 12.1 | 2.9 | 0.6  | 0.4  | 0.0    | 0.0   | 83.1 | 0.9 | 16.0 | 0.071 | 0.507       | 19.918350 | -98.576434 |
| X. C. Venta de Carpio - Tulancingo      | 51.18    | 3  | 0  | 2104 | 3.0                                  | 82.8 | 0.7 | 10.4 | 1.2 | 1.3  | 0.4  | 0.0    | 0.2   | 85.8 | 0.7 | 13.5 | 0.083 | 0.525       | 19.927622 | -98.582852 |
| El Ocote                                | 70.44    | 1  | 0  | 3348 | 1.1                                  | 90.0 | 0.3 | 5.9  | 1.2 | 1.0  | 0.4  | 0.0    | 0.1   | 91.1 | 0.3 | 8.6  | 0.090 | 0.503       | 20.041043 | -98.621450 |



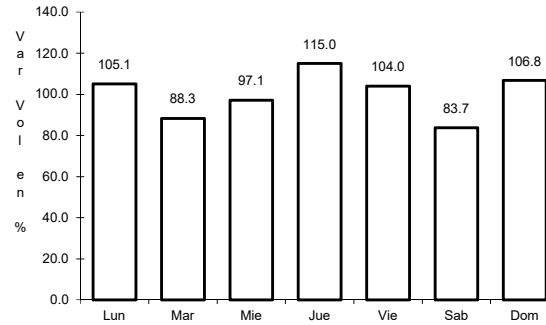
1 CARR: Álamo - Huejutla de Reyes

CLAVE: 00116

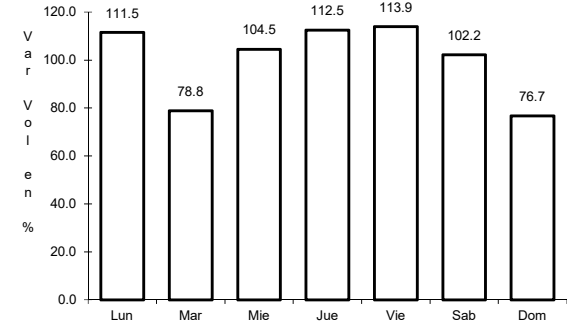
RUTA: MEX-127



Km: 0.00                      Tipo: 3                      Sent: 0



Km: 73.00                      Tipo: 1                      Sent: 0

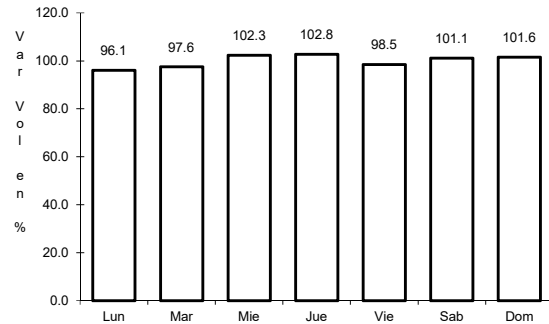


Km: 78.00                      Tipo: 3                      Sent: 0

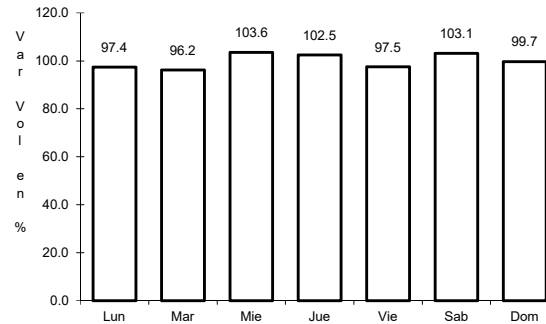
2 CARR: Apizaco - Tejocotal

CLAVE: 00430

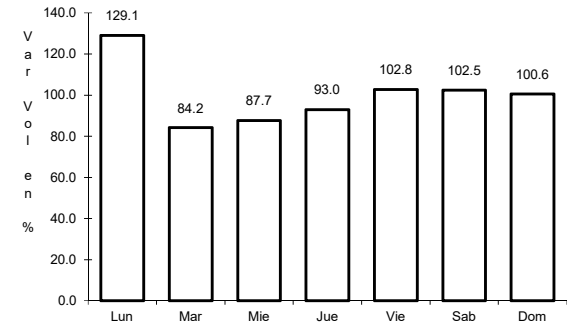
RUTA: MEX-119



Km: 0.00                      Tipo: 3                      Sent: 1



Km: 0.00                      Tipo: 3                      Sent: 2

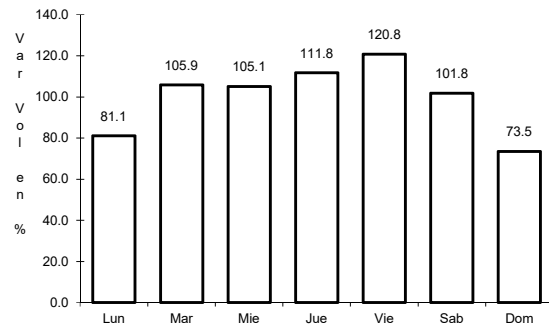


Km: 113.15                      Tipo: 1                      Sent: 0

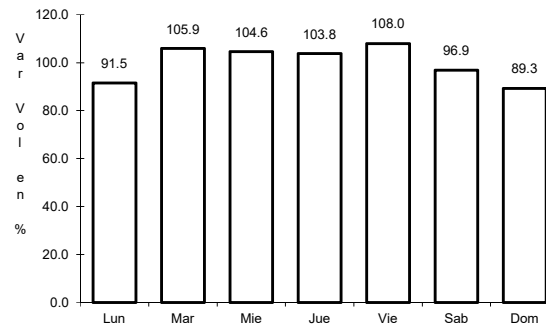
3 CARR: Ent. Colonia - Portezuelo

CLAVE: 13257

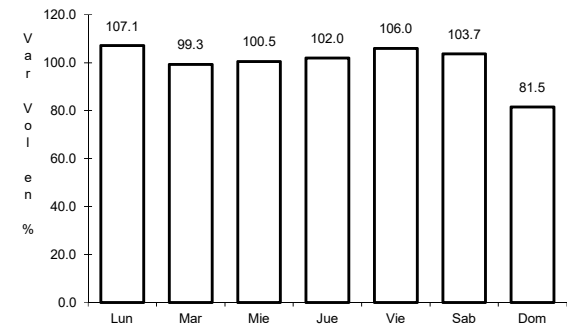
RUTA: MEX-085



Km: 0.00                      Tipo: 3                      Sent: 1



Km: 0.00                      Tipo: 3                      Sent: 2

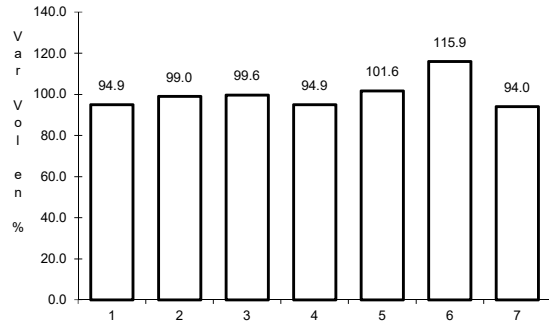


Km: 75.20                      Tipo: 3                      Sent: 1

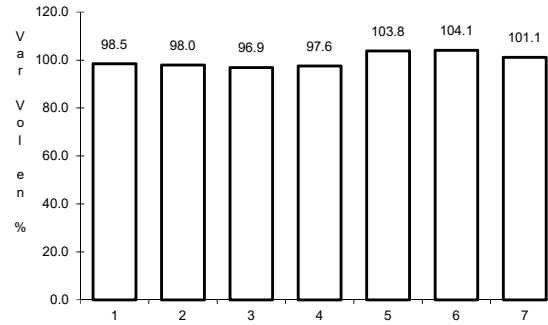
4 CARR: Ent. Jorobas - Tula

CLAVE: 00159

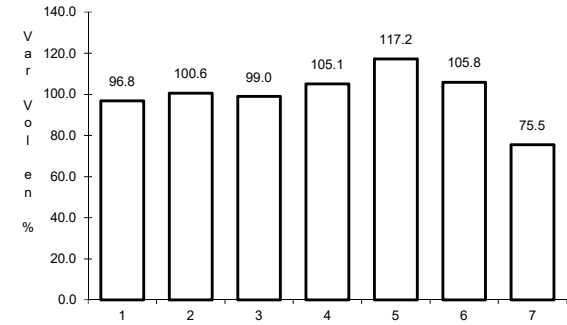
ruta: MEX-087



Km: 0.00 Tipo: 3 Sent: 1



Km: 0.00 Tipo: 3 Sent: 2

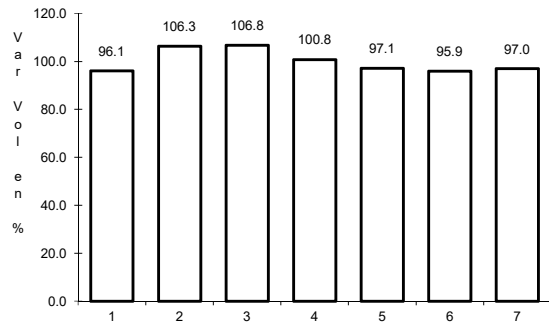


Km: 37.70 Tipo: 1 Sent: 1

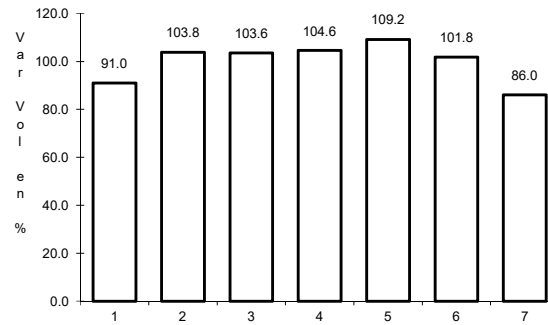
5 CARR: México - Pachuca (Libre)

CLAVE: 00431

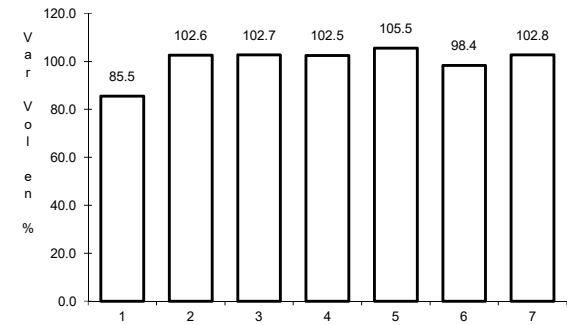
ruta: MEX-085



Km: 26.93 Tipo: 1 Sent: 1



Km: 86.50 Tipo: 1 Sent: 1

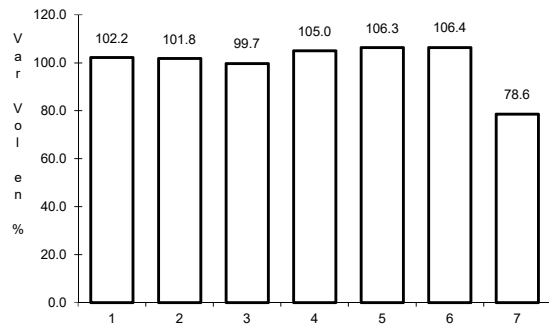


Km: 86.50 Tipo: 1 Sent: 2

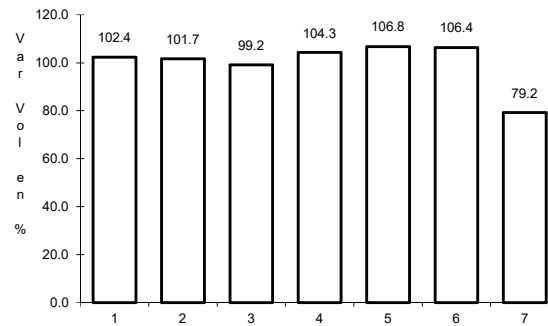
6 CARR: Pachuca - Cd. Sahagún

CLAVE: 13088

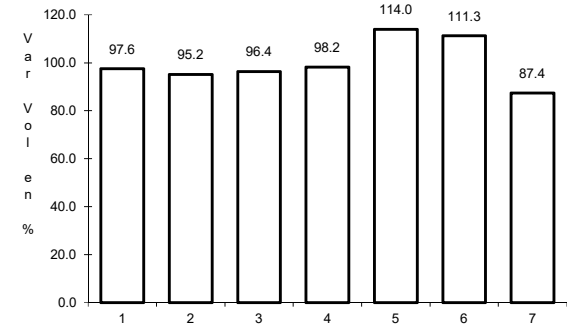
ruta: MEX



Km: 0.00 Tipo: 3 Sent: 1



Km: 0.00 Tipo: 3 Sent: 2



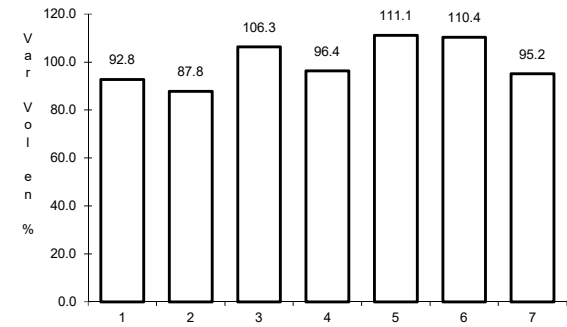
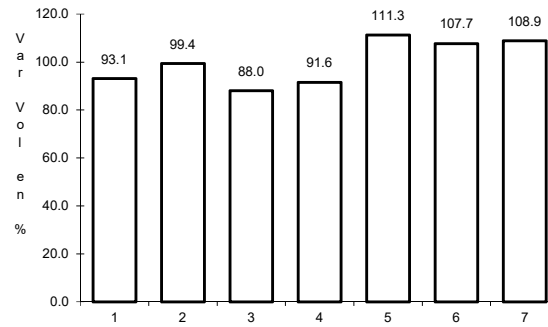
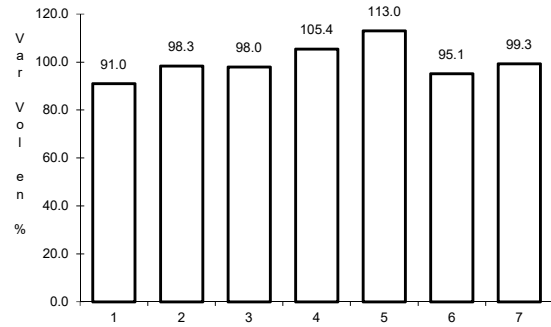
Km: 29.40 Tipo: 3 Sent: 1



7 CARR: Pachuca - Tempoal

CLAVE: 00113

RUTA: MEX-105



Km: 0.00

Tipo: 3

Sent: 0

Km: 129.80

Tipo: 1

Sent: 0

Km: 260.68

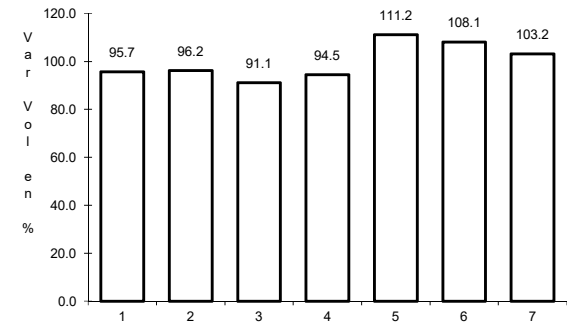
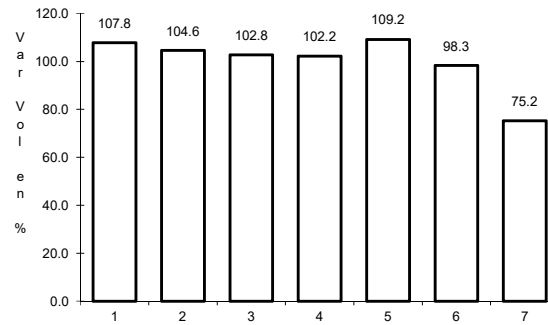
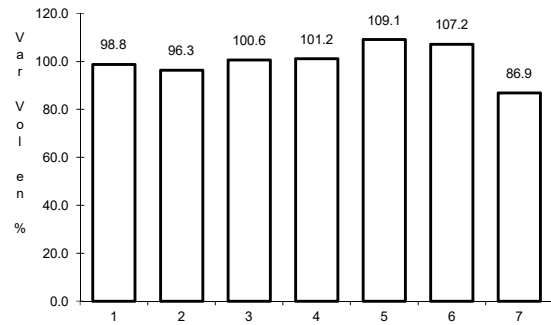
Tipo: 1

Sent: 0

8 CARR: Pachuca - Túpam

CLAVE: 00608

RUTA: MEX-130



Km: 2.60

Tipo: 3

Sent: 1

Km: 2.60

Tipo: 3

Sent: 2

Km: 141.75

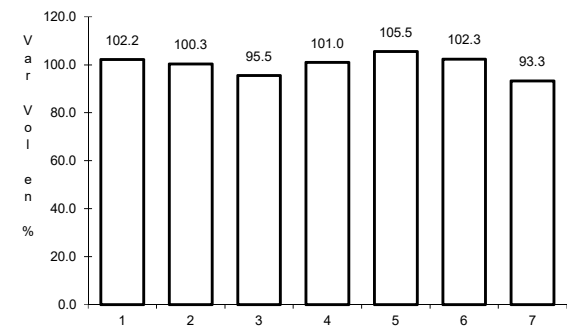
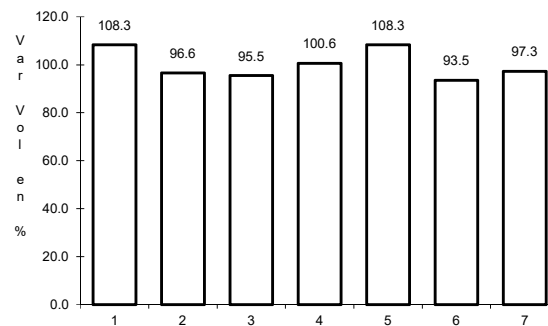
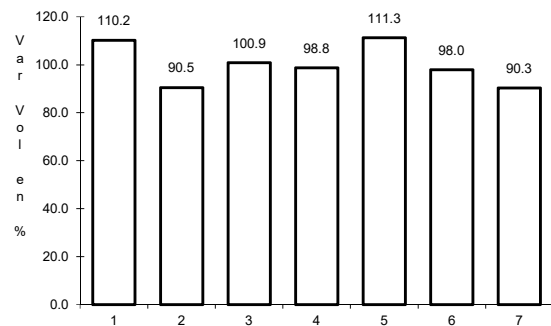
Tipo: 1

Sent: 0

9 CARR: Portezuelo - Cd. Valles

CLAVE: 00023

RUTA: MEX-085



Km: 0.00

Tipo: 3

Sent: 0

Km: 154.00

Tipo: 3

Sent: 0

Km: 300.00

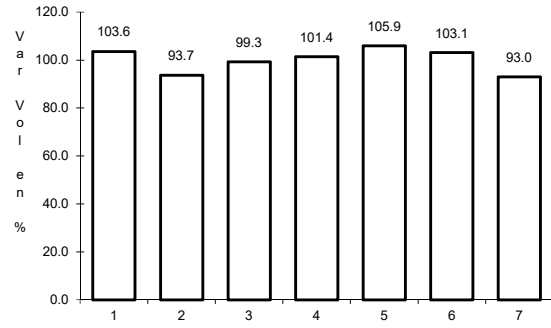
Tipo: 1

Sent: 0

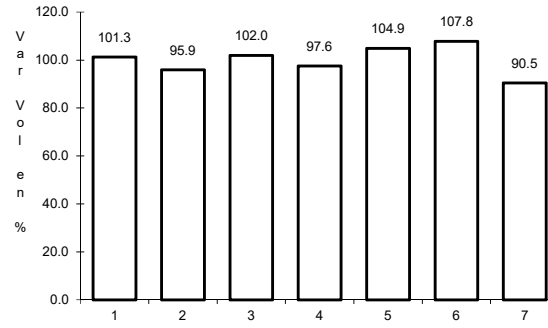
10 CARR: Portezuelo - Palmillas

CLAVE: 00194

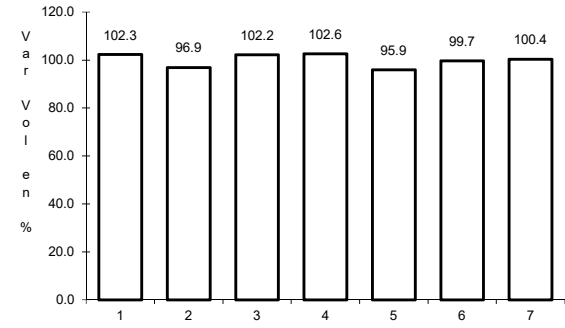
ruta: MEX-045



Km: 0.00                      Tipo: 3                      Sent: 1



Km: 0.00                      Tipo: 3                      Sent: 2

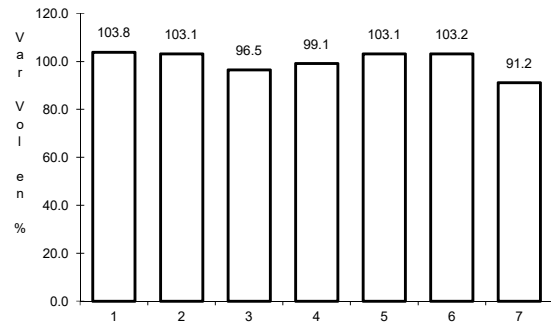


Km: 80.00                      Tipo: 1                      Sent: 0

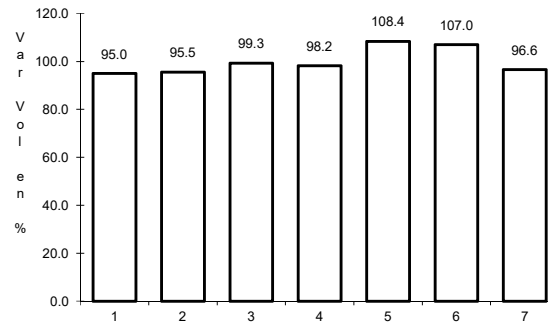
11 CARR: Tamazunchale - San Felipe Orizatlán

CLAVE: 00609

ruta: MEX-085



Km: 0.00                      Tipo: 3                      Sent: 0

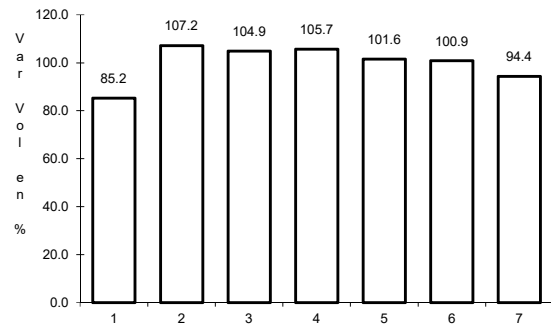


Km: 27.10                      Tipo: 1                      Sent: 0

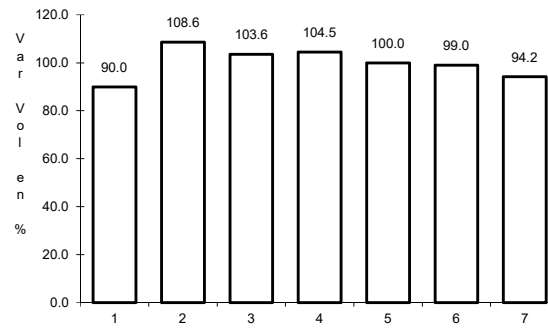
12 CARR: Venta de Carpio - T. C. (Pachuca - Tuxpam)

CLAVE: 00455

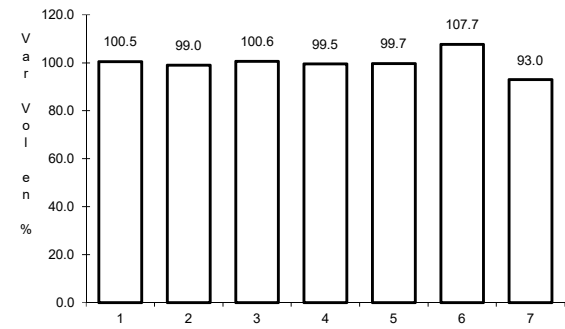
ruta: MEX-132



Km: 6.42                      Tipo: 3                      Sent: 1



Km: 6.42                      Tipo: 3                      Sent: 2

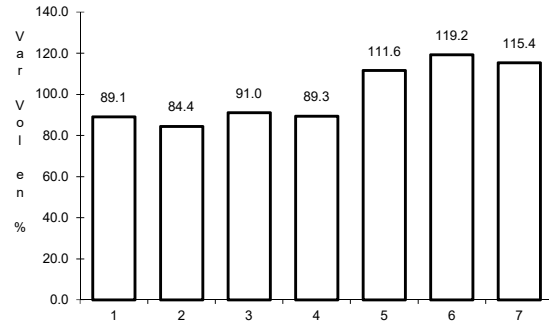


Km: 31.79                      Tipo: 3                      Sent: 0

13 CARR: Ent. Tulancingo - Venta Grande (Cuota)

CLAVE: 00026

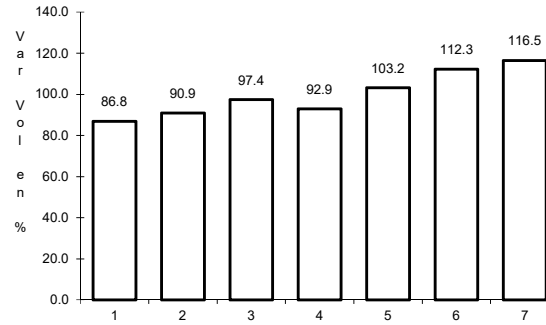
ruta: MEX-132D



Km: 7.80

Tipo: 1

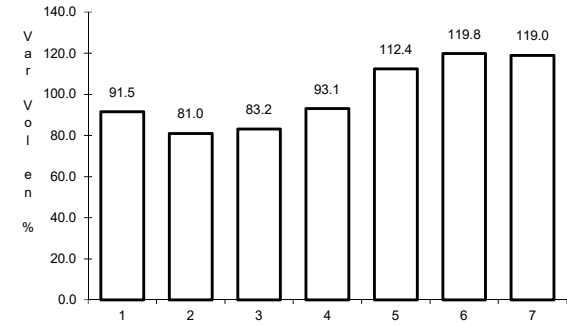
Sent: 0



Km: 21.80

Tipo: 1

Sent: 0



Km: 39.60

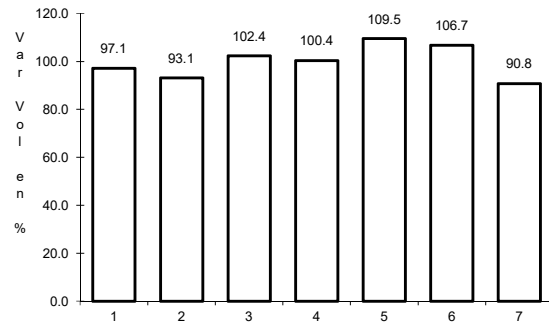
Tipo: 1

Sent: 0

14 CARR: Libramiento Norte de la Ciudad de México (Cuota)

CLAVE: 0902

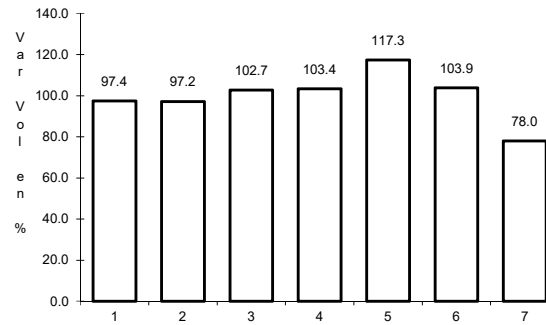
ruta: MEX-M40D



Km: 12.90

Tipo: 1

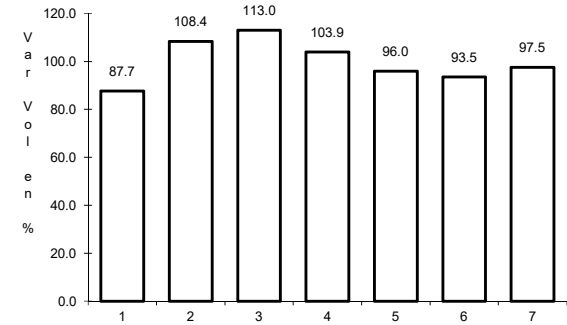
Sent: 1



Km: 12.90

Tipo: 1

Sent: 2



Km: 226.73

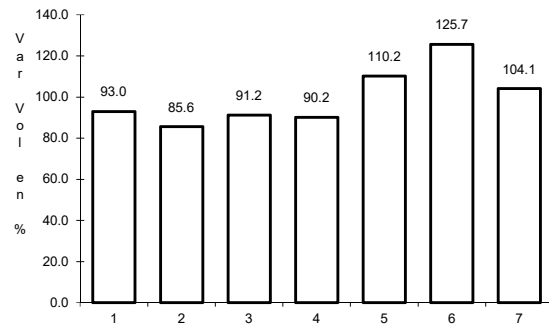
Tipo: 1

Sent: 1

15 CARR: México - Pachuca (Cuota)

CLAVE: 00432

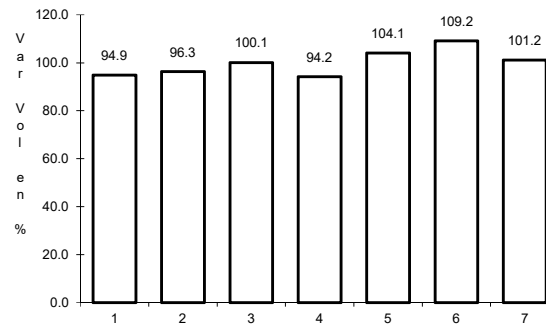
ruta: MEX-085D



Km: 25.00

Tipo: 3

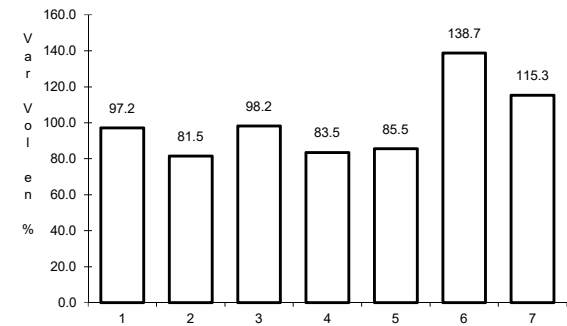
Sent: 1



Km: 25.00

Tipo: 3

Sent: 2



Km: 60.50

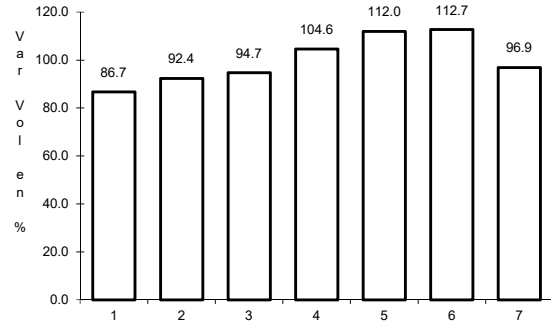
Tipo: 1

Sent: 1

16 CARR: Tejocotal - Nuevo Necaxa (Cuota)

CLAVE: 00211

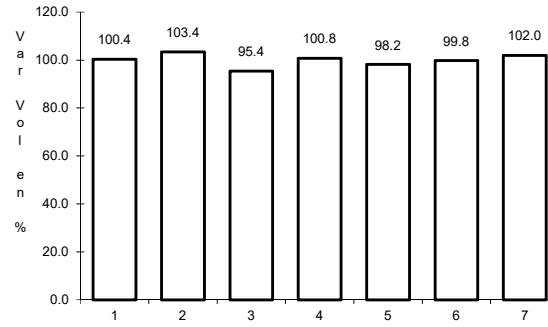
RUTA: MEX-132D



Km: 0.00

Tipo: 3

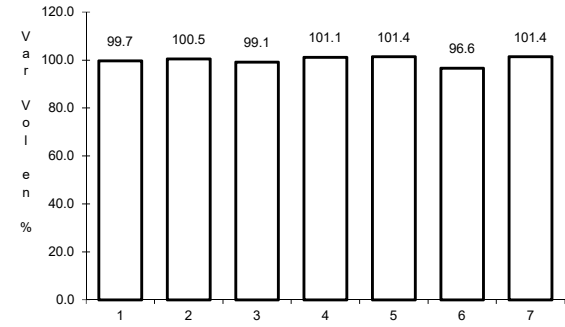
Sent: 0



Km: 17.00

Tipo: 1

Sent: 1



Km: 17.00

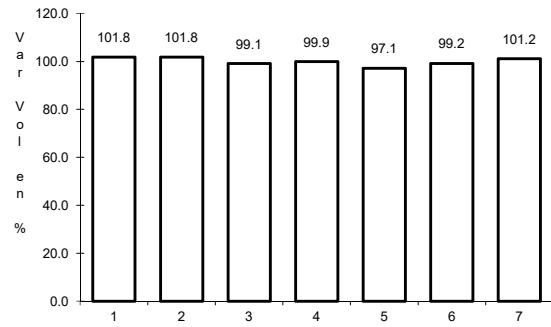
Tipo: 1

Sent: 2

17 CARR: Tlaxco - Tejocotal (Cuota)

CLAVE: 00209

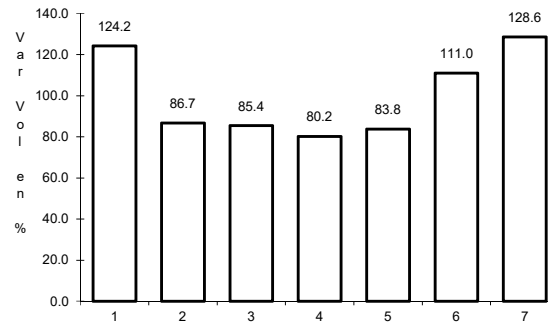
RUTA: MEX-119D



Km: 23.00

Tipo: 3

Sent: 0



Km: 56.20

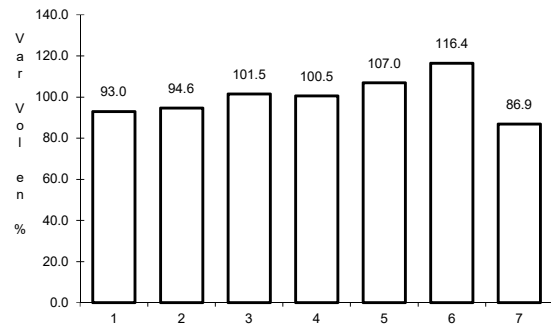
Tipo: 3

Sent: 0

18 CARR: México - Querétaro (Cuota)

CLAVE: 00411

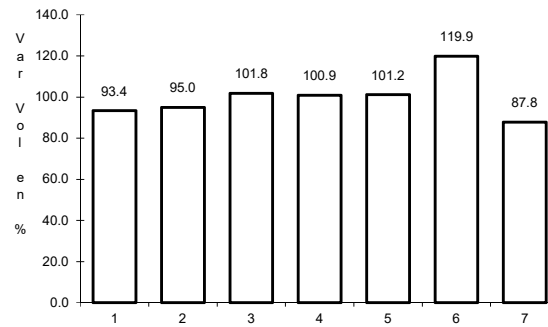
RUTA: MEX-057-MEX-057D



Km: 56.18

Tipo: 1

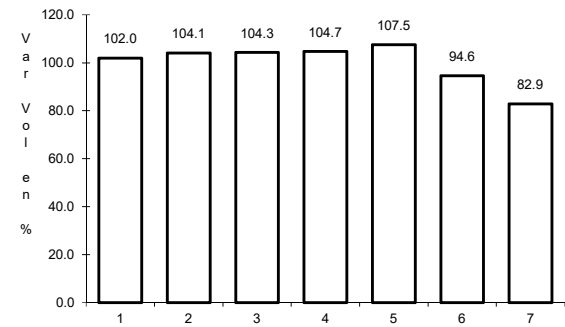
Sent: 1



Km: 56.18

Tipo: 1

Sent: 2



Km: 207.00

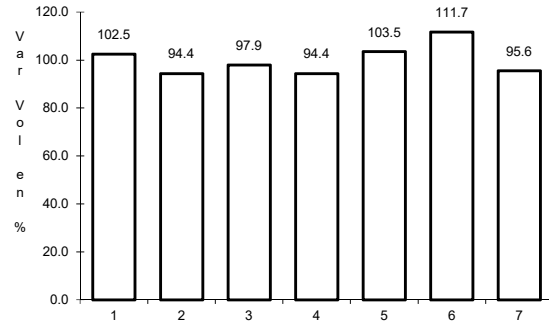
Tipo: 3

Sent: 1

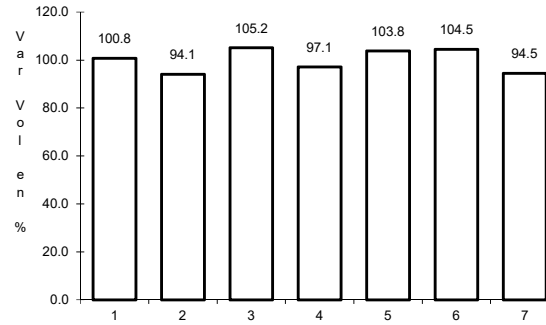
19 CARR: Actopan - Progreso

CLAVE: 13038

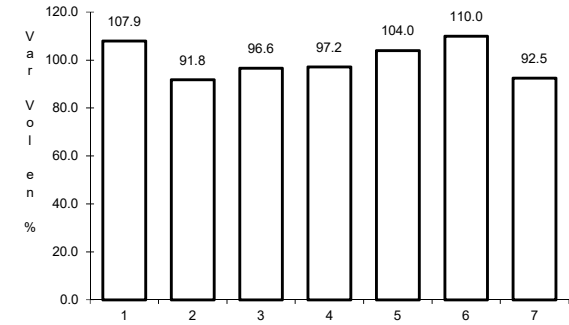
RUTA: HGO



Km: 0.00                      Tipo: 3                      Sent: 1



Km: 0.00                      Tipo: 3                      Sent: 2

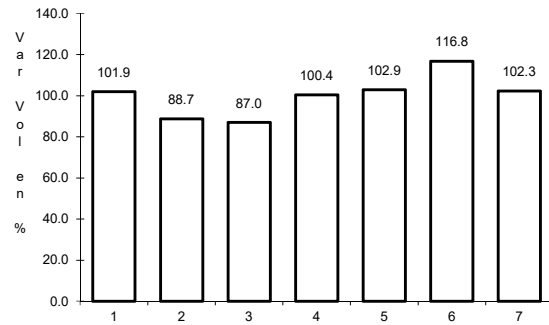


Km: 23.90                      Tipo: 1                      Sent: 1

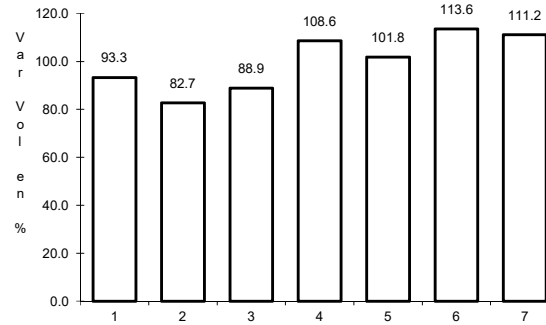
20 CARR: El Saucillo - Amealco

CLAVE: 13103

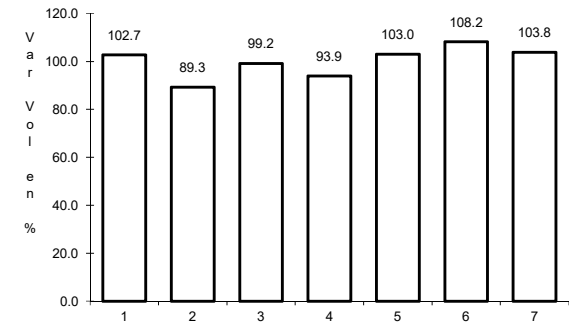
RUTA: HGO-103



Km: 0.00                      Tipo: 3                      Sent: 0



Km: 11.00                      Tipo: 3                      Sent: 0

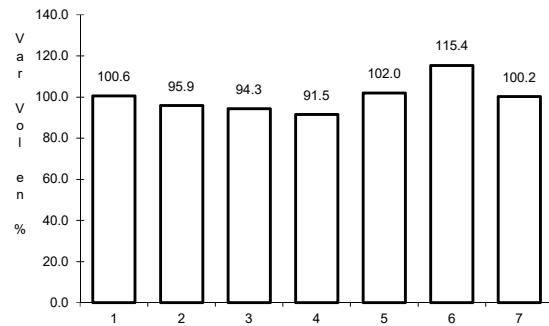


Km: 21.40                      Tipo: 1                      Sent: 0

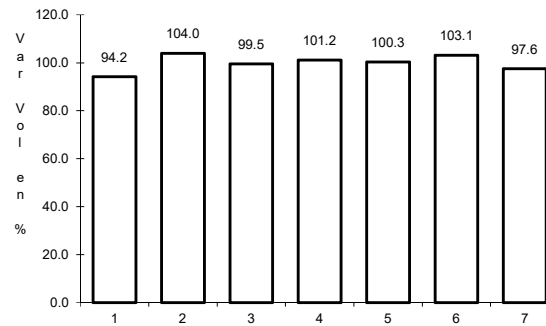
21 CARR: Ent. Emiliano Zapata - Cd. Sahagún

CLAVE: 13255

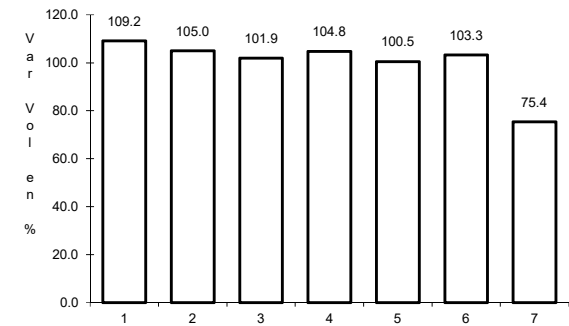
RUTA: HGO



Km: 2.70                      Tipo: 1                      Sent: 1



Km: 2.70                      Tipo: 1                      Sent: 2

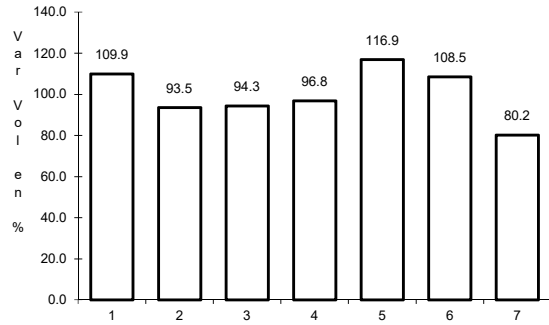


Km: 17.98                      Tipo: 1                      Sent: 1

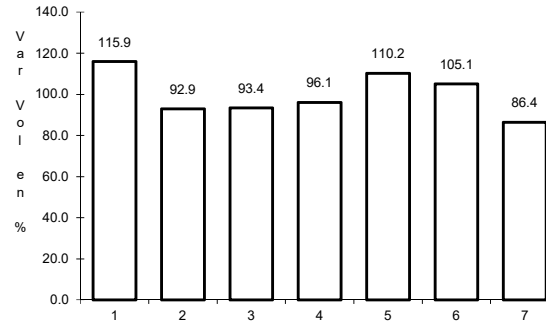
22 CARR: Ent. Tepeji del Río - Tlahuelilpan

CLAVE: 13017

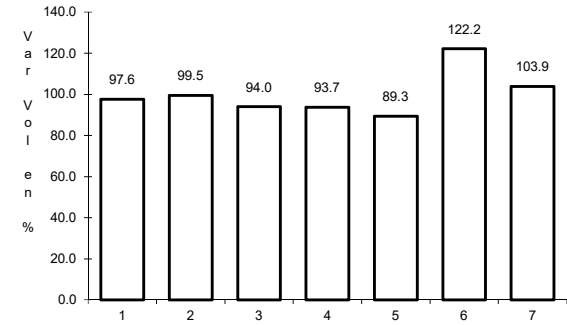
RUTA: HGO-017



Km: 3.00                      Tipo: 3                      Sent: 1



Km: 3.00                      Tipo: 3                      Sent: 2

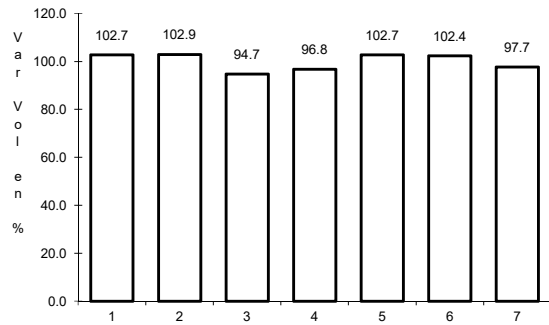


Km: 18.00                      Tipo: 1                      Sent: 0

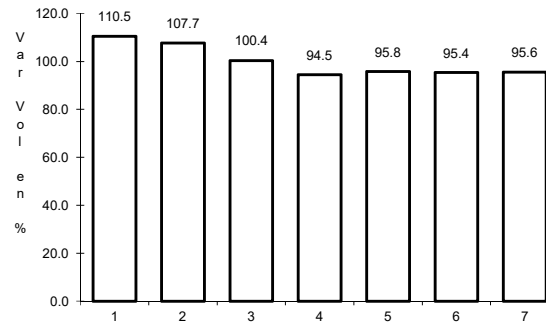
23 CARR: Ent. Tolman - Cd. Sahagún

CLAVE: 00119

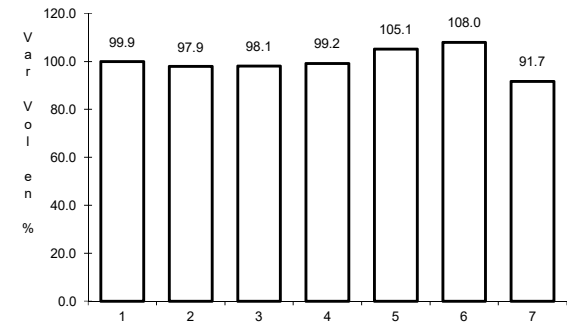
RUTA: EM-009-HGO



Km: 0.00                      Tipo: 3                      Sent: 0



Km: 21.00                      Tipo: 3                      Sent: 0

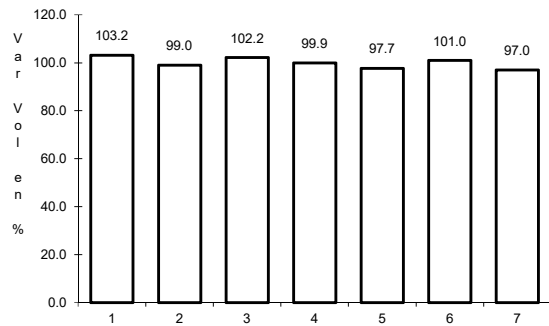


Km: 32.00                      Tipo: 1                      Sent: 0

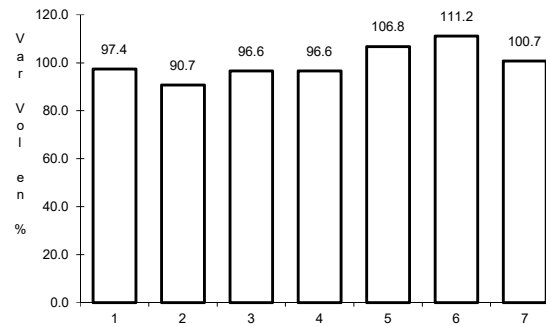
24 CARR: Francisco I. Madero - Tula de Allende

CLAVE: 13043

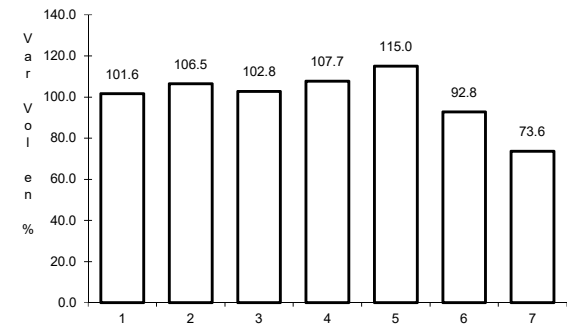
RUTA: HGO



Km: 0.00                      Tipo: 3                      Sent: 0



Km: 38.20                      Tipo: 1                      Sent: 0

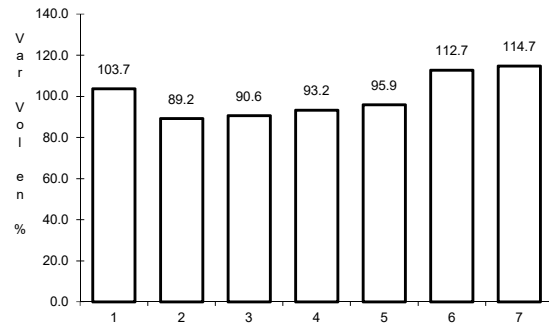


Km: 52.70                      Tipo: 1                      Sent: 0

25 CARR: Huichapan - Tecozautla

CLAVE: 13030

RUTA: HGO-030



Km: 0.00

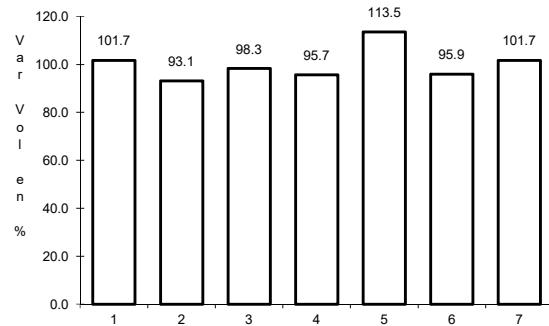
Tipo: 3

Sent: 0

26 CARR: Jilotepec - Maravillas

CLAVE: 00015

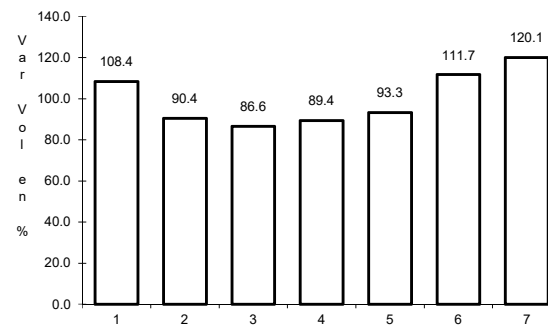
RUTA: EM-HGO



Km: 0.00

Tipo: 3

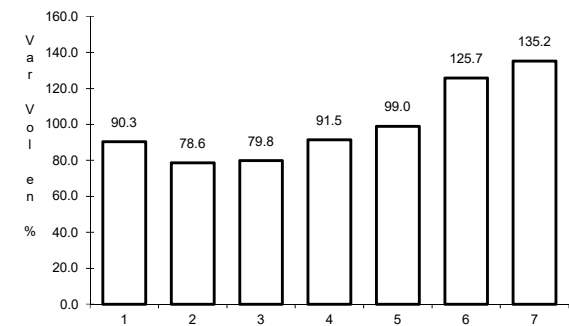
Sent: 0



Km: 21.30

Tipo: 1

Sent: 0



Km: 40.00

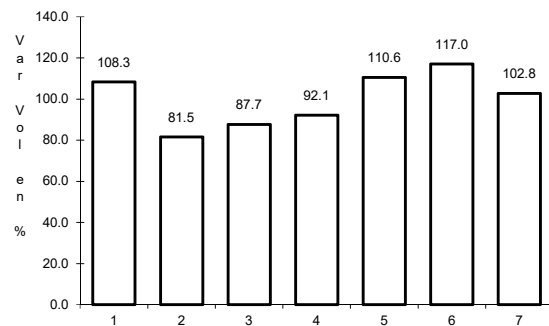
Tipo: 1

Sent: 0

27 CARR: Libramiento de Atotonilco El Grande

CLAVE: 13238

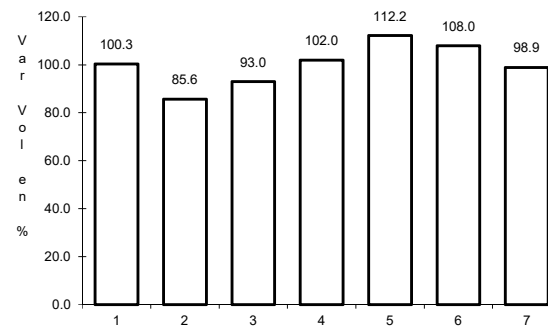
RUTA: HGO



Km: 0.00

Tipo: 3

Sent: 0



Km: 6.30

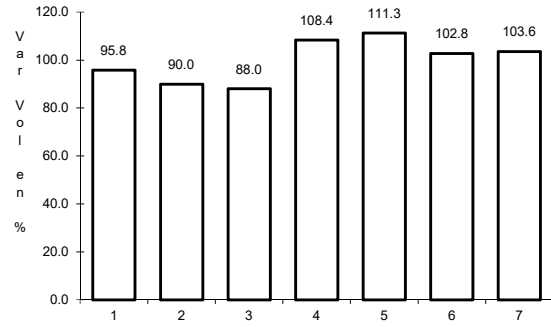
Tipo: 1

Sent: 0

28 CARR: Lolotla - Atlapexco

CLAVE: 13238

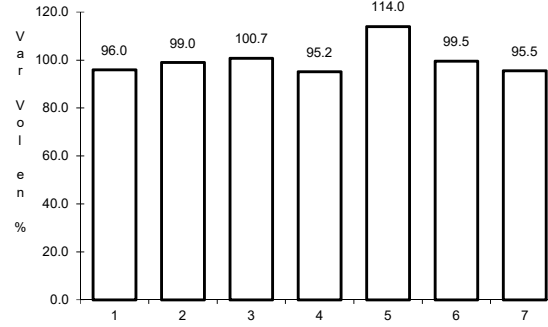
RUTA: HGO



Km: 0.00

Tipo: 3

Sent: 0



Km: 68.00

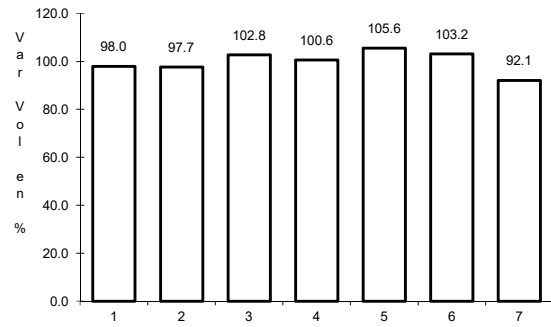
Tipo: 1

Sent: 0

29 CARR: Los Reyes - El Tephé

CLAVE: 00021

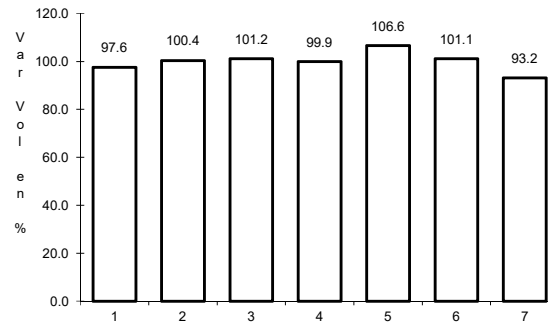
RUTA: EM-HGO



Km: 1.35

Tipo: 3

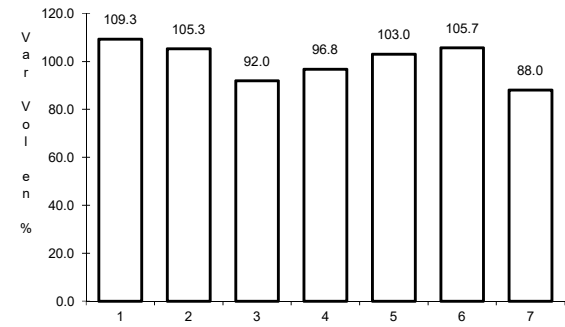
Sent: 1



Km: 1.35

Tipo: 3

Sent: 2



Km: 42.00

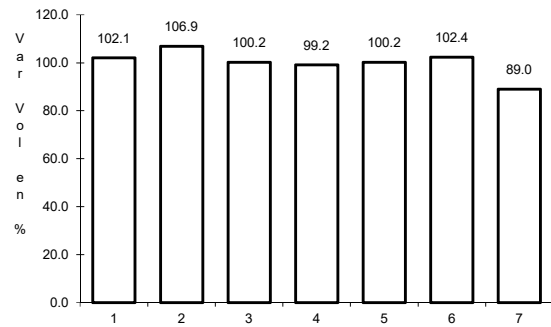
Tipo: 1

Sent: 0

30 CARR: Otumba - Tizayuca

CLAVE: 00012

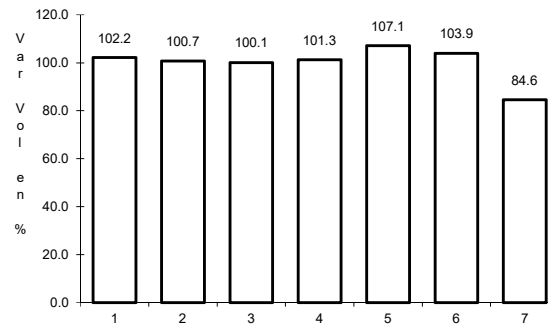
RUTA: EM-HGO



Km: 0.00

Tipo: 3

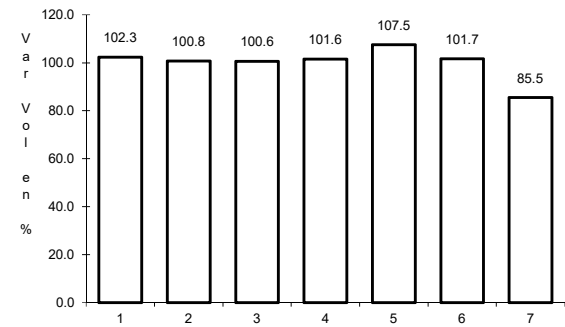
Sent: 0



Km: 37.10

Tipo: 1

Sent: 1



Km: 37.10

Tipo: 1

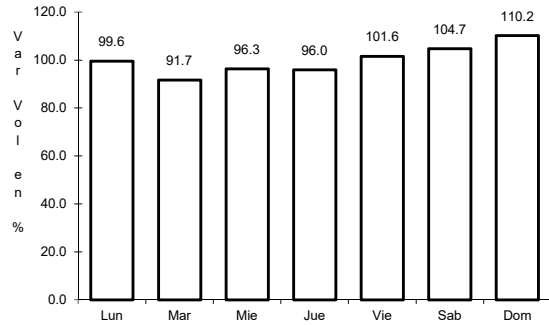
Sent: 2



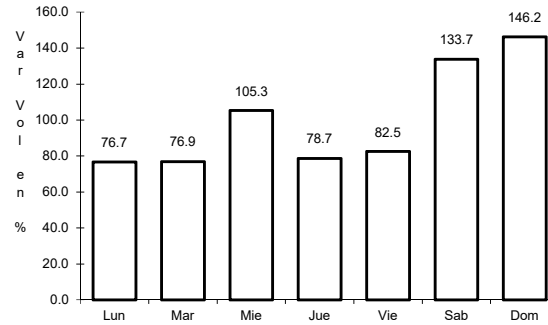
31 CARR: Ramal a El Chico

CLAVE: 13256

RUTA: HGO



Km: 0.00      Tipo: 3      Sent: 0

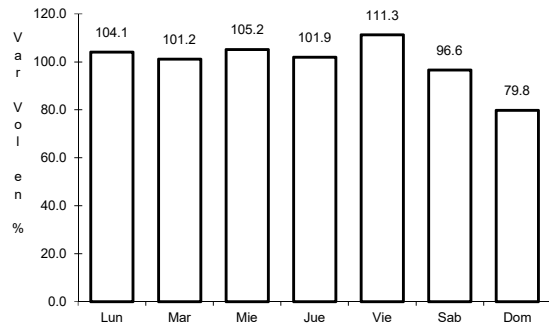


Km: 21.00      Tipo: 1      Sent: 0

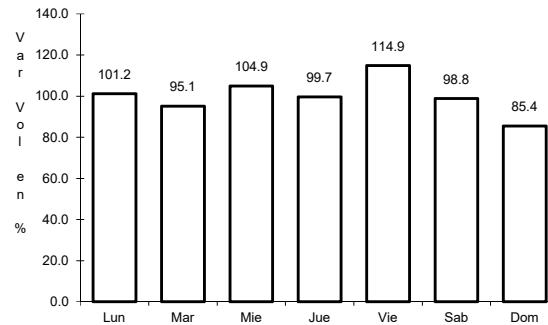
32 CARR: Ramal a Pachuca

CLAVE: 13254

RUTA: HGO



Km: 0.00      Tipo: 3      Sent: 1

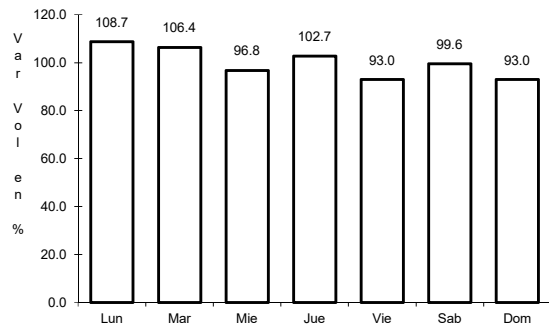


Km: 0.00      Tipo: 3      Sent: 2

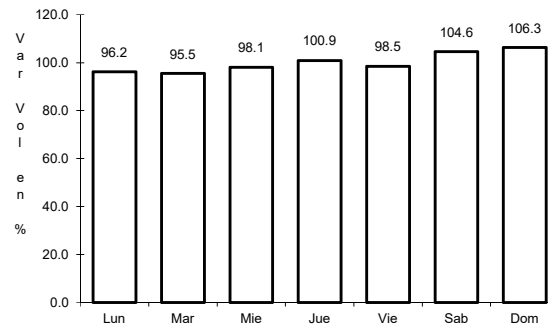
33 CARR: San Alejo - Huayacocotla

CLAVE: 00132

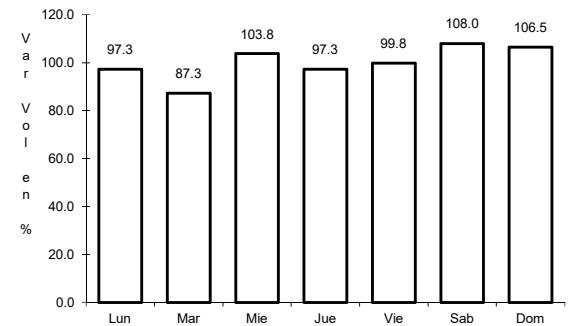
RUTA: HGO-051-VER-113



Km: 0.00      Tipo: 3      Sent: 0



Km: 29.48      Tipo: 3      Sent: 0

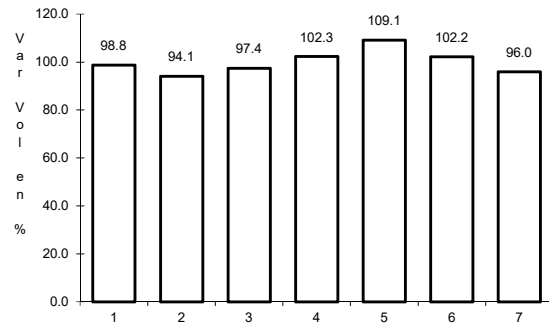


Km: 66.00      Tipo: 1      Sent: 0

34 CARR: San Felipe Orizatlán - Huejutla de Reyes

CLAVE: 13258

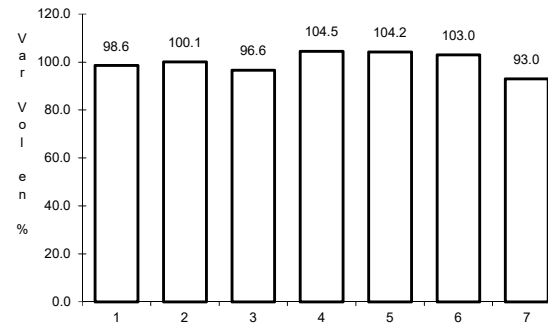
ruta: HGO



Km: 0.00

Tipo: 3

Sent: 0



Km: 25.00

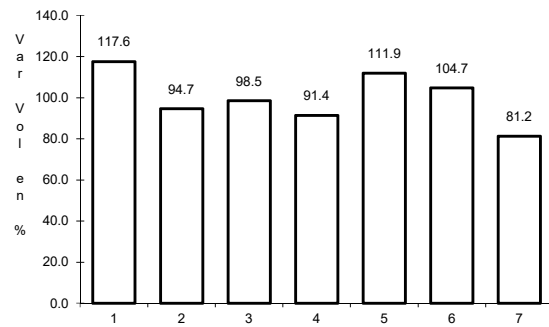
Tipo: 1

Sent: 0

35 CARR: Santo Domingo - T. C. (México - Querétaro)

CLAVE: 00433

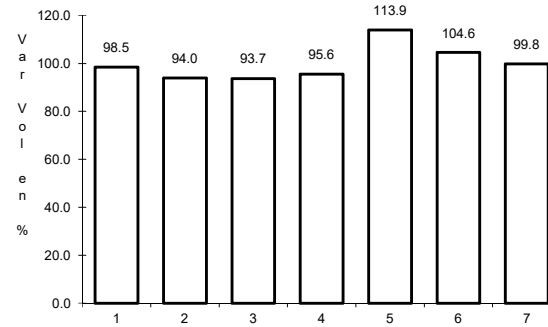
ruta: EM-011-HGO



Km: 0.00

Tipo: 3

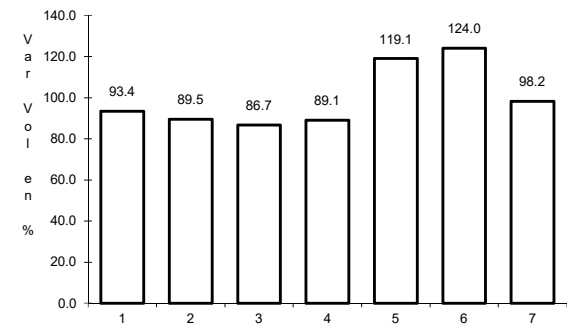
Sent: 0



Km: 65.84

Tipo: 1

Sent: 1



Km: 65.84

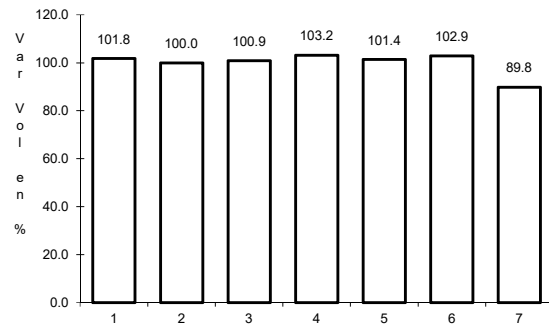
Tipo: 1

Sent: 2

36 CARR: T. C. (Los Reyes - El Tephé) - Tizayuca

CLAVE: 00014

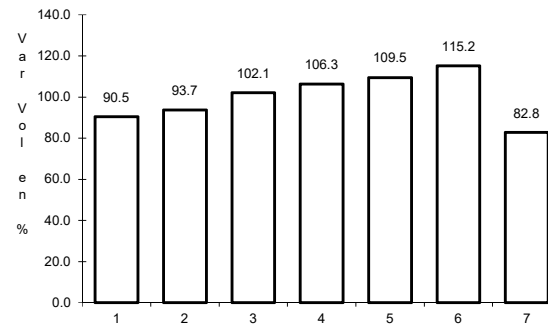
ruta: EM-HGO



Km: 0.00

Tipo: 3

Sent: 0



Km: 8.00

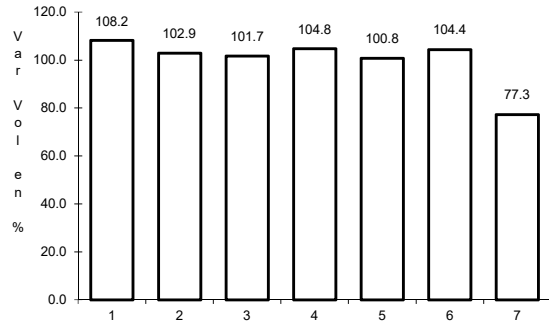
Tipo: 1

Sent: 0

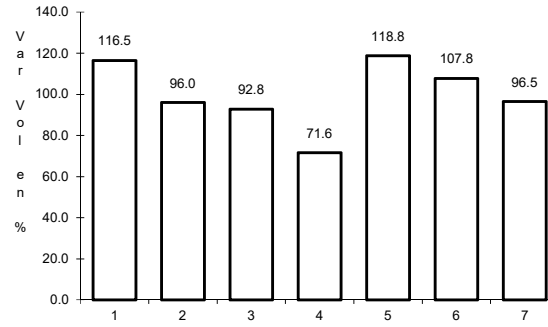
37 CARR: Tepeji del Río - T.C. (México - Querétaro)

CLAVE: 13104

RUTA: HGO



Km: 0.00                      Tipo: 3                      Sent: 0

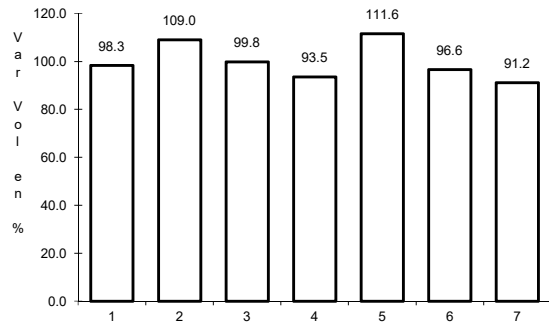


Km: 12.40                      Tipo: 1                      Sent: 0

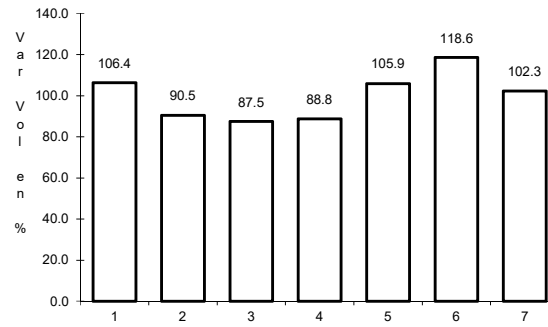
38 CARR: Tlahuelilpan - San Agustín Tlaxiaca

CLAVE: 13435

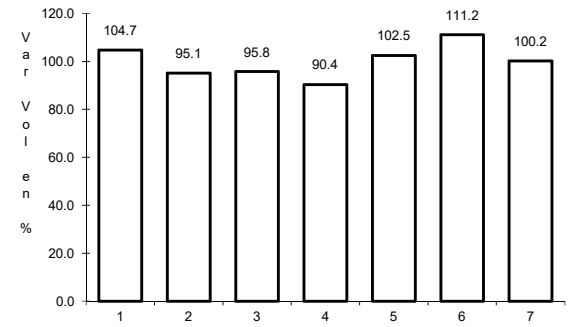
RUTA: HGO



Km: 0.00                      Tipo: 3                      Sent: 0



Km: 25.50                      Tipo: 3                      Sent: 0

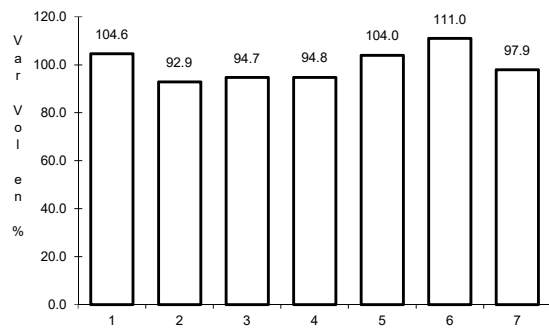


Km: 48.00                      Tipo: 1                      Sent: 0

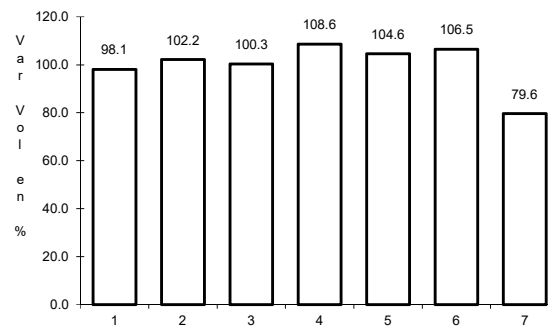
39 CARR: Calpulalpan - El Ocote

CLAVE: 00054

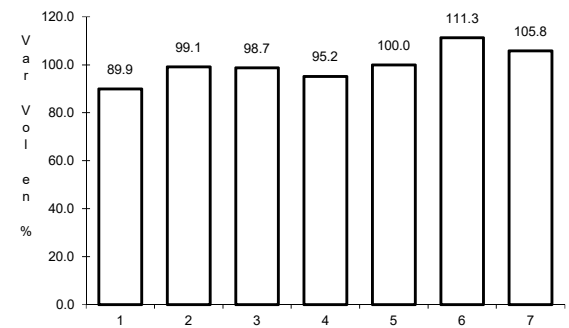
RUTA: MEX-HGO



Km: 0.00                      Tipo: 3                      Sent: 0



Km: 34.92                      Tipo: 3                      Sent: 0



Km: 70.44                      Tipo: 1                      Sent: 0

