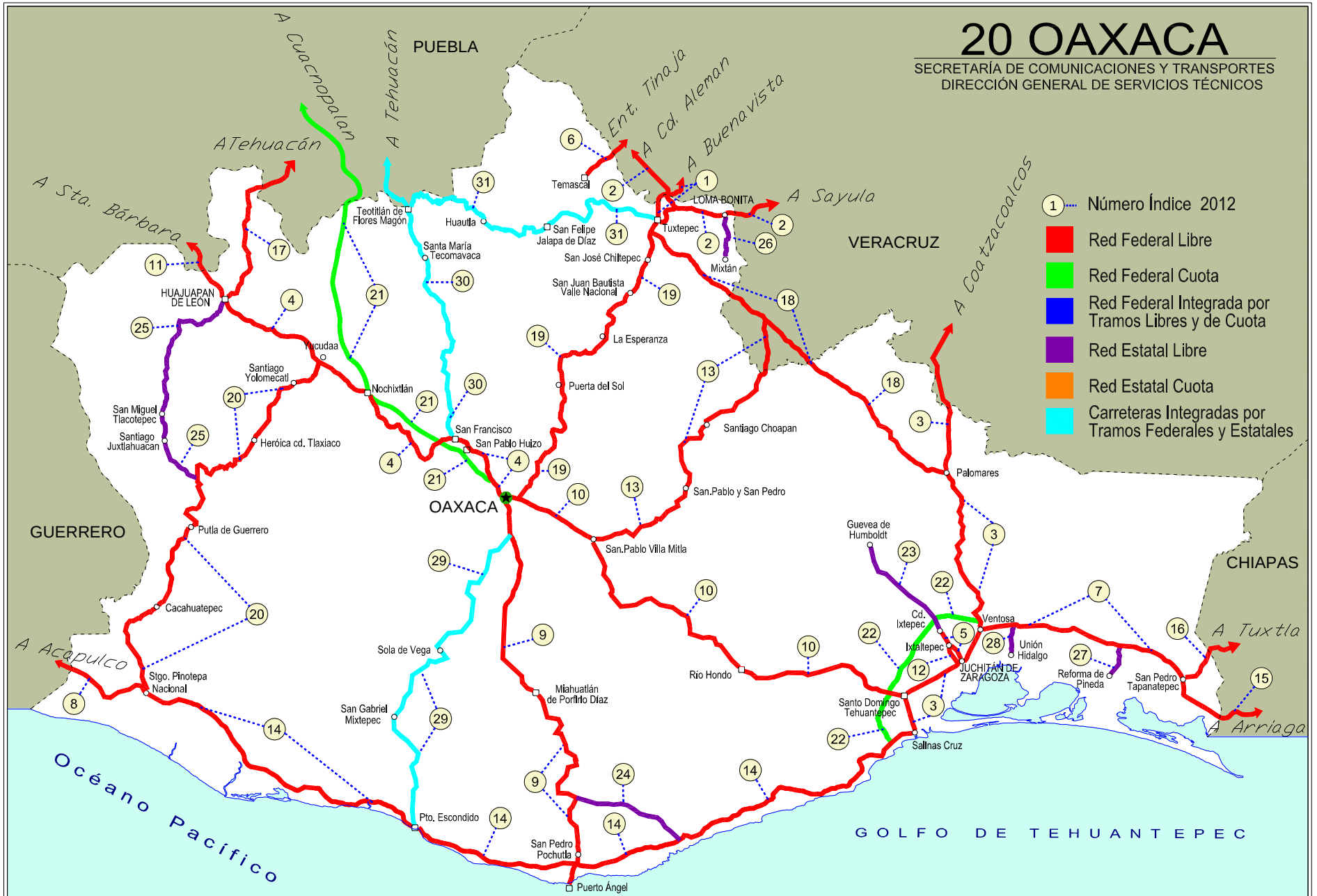


OAXACA

| No. INDICE                                                          | CARRETERA                                               | RUTA            |
|---------------------------------------------------------------------|---------------------------------------------------------|-----------------|
| <b>---RED FEDERAL LIBRE---</b>                                      |                                                         |                 |
| 1                                                                   | Buenavista - Tuxtepec                                   | MEX-175         |
| 2                                                                   | Cd. Alemán - Sayula                                     | MEX-145         |
| 3                                                                   | Coatzacoalcos - Salina Cruz                             | MEX-185         |
| 4                                                                   | Huajuapán de León - Oaxaca                              | MEX-190         |
| 5                                                                   | Juchitán - Ixtepec                                      | MEX-185         |
| 6                                                                   | La Granja - Temascal                                    | MEX-145         |
| 7                                                                   | La Ventosa - San Pedro Tapanatepec                      | MEX-190         |
| 8                                                                   | Las Cruces - Pinotepa Nacional                          | MEX-200         |
| 9                                                                   | Oaxaca - Puerto Ángel                                   | MEX-175         |
| 10                                                                  | Oaxaca - Tehuantepec                                    | MEX-190         |
| 11                                                                  | Puebla - Huajuapán de León                              | MEX-190         |
| 12                                                                  | Ramal a Asunción Ixtaltepec                             | MEX-185         |
| 13                                                                  | San Pablo Villa de Mitla - T. C. (Tuxtepec - Palomares) | MEX-179         |
| 14                                                                  | Santiago Pinotepa Nacional - Salina Cruz                | MEX-200         |
| 15                                                                  | Tapanatepec - Talismán                                  | MEX-200         |
| 16                                                                  | Tapanatepec - Tuxtla Gutiérrez                          | MEX-190         |
| 17                                                                  | Tehuacán - Huajuapán de León                            | MEX-125         |
| 18                                                                  | Tuxtepec - Ent. Palomares                               | MEX-147         |
| 19                                                                  | Tuxtepec - T. C. (Oaxaca - Tehuantepec)                 | MEX-175         |
| 20                                                                  | Yucudaa - Santiago Pinotepa Nacional                    | MEX-125         |
| <b>---RED FEDERAL DE CUOTA---</b>                                   |                                                         |                 |
| 21                                                                  | Cuacnopalan - Oaxaca (Cuota)                            | MEX-135D        |
| 22                                                                  | La Ventosa - Salina Cruz (Cuota)                        | MEX-185D        |
| <b>---RED ESTATAL LIBRE---</b>                                      |                                                         |                 |
| 23                                                                  | Cd. Ixtepec - Guevea de Humboldt                        | OAX             |
| 24                                                                  | El Zapote - Copalita                                    | OAX             |
| 25                                                                  | Huajuapán de León - El Carrizal                         | OAX             |
| 26                                                                  | Loma Bonita - Mixtán                                    | OAX             |
| 27                                                                  | Ramal a Reforma de Pineda                               | OAX             |
| 28                                                                  | Ramal a Unión Hidalgo                                   | OAX             |
| <b>---CARRETERAS INTEGRADAS POR TRAMOS FEDERALES Y ESTATALES---</b> |                                                         |                 |
| 29                                                                  | T. C. (Oaxaca - Puerto Ángel) - Puerto Escondido        | MEX-OAX-161     |
| 30                                                                  | Tehuacán - Huitzo                                       | PUE-MEX-135     |
| 31                                                                  | Teotitlán de Flores Magón - Tuxtepec                    | OAX-PUE-MEX-182 |

# 20 OAXACA

SECRETARÍA DE COMUNICACIONES Y TRANSPORTES  
DIRECCIÓN GENERAL DE SERVICIOS TÉCNICOS



## OAXACA

1 CARR: Buenavista - Tuxtepec

CLAVE: 00624

RUTA: MEX-175

AÑO: 2011

| LUGAR                            | ESTACION |    |    |       | CLASIFICACION VEHICULAR EN PORCIENTO |      |     |     |     |      |      |        |       |      |     |      |       |       | COORDENADAS |            |
|----------------------------------|----------|----|----|-------|--------------------------------------|------|-----|-----|-----|------|------|--------|-------|------|-----|------|-------|-------|-------------|------------|
|                                  | KM       | TE | SC | TDPA  | M                                    | A    | B   | C2  | C3  | T3S2 | T3S3 | T3S2R4 | OTROS | A    | B   | C    | K'    | D     | LATITUD     | LONGITUD   |
| T. C. Paso del Toro - Acayucan   | 0.00     | 3  | 0  | 1503  | 2.7                                  | 76.5 | 7.0 | 6.1 | 4.2 | 2.7  | 0.7  | 0.1    | 0.0   | 79.2 | 7.0 | 13.8 | 0.078 | 0.509 | 18.713458   | -95.637978 |
| Puente Tlacotalpan               | 1.55     | 2  | 0  | 1461  | 0.0                                  | 82.7 | 5.1 | 5.9 | 5.5 | 0.6  | 0.1  | 0.0    | 0.1   | 82.7 | 5.1 | 12.2 | 0.088 |       | 18.704596   | -95.641294 |
| Tlacotalpan                      | 18.00    | 1  | 0  | 1881  | 11.4                                 | 68.7 | 7.3 | 5.9 | 3.0 | 2.5  | 0.7  | 0.1    | 0.4   | 80.1 | 7.3 | 12.6 | 0.088 | 0.500 | 18.612939   | -95.648348 |
| Tlacotalpan                      | 18.00    | 3  | 0  | 1837  | 9.8                                  | 69.8 | 6.9 | 6.0 | 2.8 | 2.5  | 1.0  | 0.4    | 0.8   | 79.6 | 6.9 | 13.5 | 0.097 | 0.506 | 18.616793   | -95.669908 |
| Carlos A. Carrillo               | 56.00    | 1  | 0  | 3333  | 13.4                                 | 69.3 | 7.1 | 5.9 | 0.7 | 2.5  | 0.7  | 0.1    | 0.3   | 82.7 | 7.1 | 10.2 | 0.076 | 0.503 | 18.402823   | -95.709330 |
| Cosamaloapan                     | 60.00    | 1  | 0  | 10357 | 2.0                                  | 79.4 | 7.0 | 5.9 | 0.6 | 3.6  | 0.6  | 0.6    | 0.3   | 81.4 | 7.0 | 11.6 | 0.076 | 0.502 | 18.366047   | -95.774994 |
| Cosamaloapan                     | 60.00    | 3  | 0  | 9662  | 3.0                                  | 78.5 | 7.0 | 6.1 | 0.5 | 3.6  | 0.6  | 0.4    | 0.3   | 81.5 | 7.0 | 11.5 | 0.074 | 0.500 | 18.352701   | -95.806012 |
| T. C. La Tinaja - Santa Cruz     | 107.00   | 1  | 0  | 3429  | 3.7                                  | 76.6 | 7.5 | 6.2 | 0.5 | 3.5  | 1.0  | 0.4    | 0.6   | 80.3 | 7.5 | 12.2 | 0.087 | 0.505 | 18.168665   | -96.088286 |
| T. C. Cd. Alemán - Sayula        | 108.92   | 1  | 0  | 3818  | 3.1                                  | 78.0 | 7.0 | 6.5 | 0.6 | 3.3  | 0.7  | 0.2    | 0.6   | 81.1 | 7.0 | 11.9 | 0.078 | 0.510 | 18.168496   | -96.097596 |
| T. C. Cd. Alemán - Sayula        | 108.92   | 3  | 0  | 6134  | 1.7                                  | 79.3 | 6.9 | 6.4 | 0.7 | 3.6  | 0.7  | 0.4    | 0.3   | 81.0 | 6.9 | 12.1 | 0.077 | 0.506 | 18.168993   | -96.104087 |
| Lim. Edos. Term. Ver. Ppia. Oax. | 115.00   |    |    |       |                                      |      |     |     |     |      |      |        |       |      |     |      |       |       |             |            |
| Puente Caracol                   | 117.20   | 2  | 0  | 5809  | 0.0                                  | 76.7 | 8.5 | 5.2 | 3.2 | 2.1  | 0.4  | 0.4    | 3.5   | 76.7 | 8.5 | 14.8 | 0.084 |       | 18.133058   | -96.136687 |
| Tuxtepec                         | 121.25   | 1  | 1  | 3883  | 1.3                                  | 78.2 | 8.8 | 5.7 | 1.9 | 1.7  | 0.4  | 1.3    | 0.7   | 79.5 | 8.8 | 11.7 | 0.083 | 0.504 | 18.111844   | -96.134507 |
| Tuxtepec                         | 121.25   | 1  | 2  | 4098  | 0.4                                  | 77.9 | 9.3 | 5.9 | 2.0 | 1.8  | 0.5  | 1.4    | 0.8   | 78.3 | 9.3 | 12.4 | 0.085 | 0.504 | 18.111844   | -96.134507 |

2 CARR: Cd. Alemán - Sayula

CLAVE: 00301

RUTA: MEX-145

AÑO: 2011

| LUGAR                                 | ESTACION |    |    |      | CLASIFICACION VEHICULAR EN PORCIENTO |      |     |      |      |      |      |        |       |      |     |      |       |       | COORDENADAS |            |
|---------------------------------------|----------|----|----|------|--------------------------------------|------|-----|------|------|------|------|--------|-------|------|-----|------|-------|-------|-------------|------------|
|                                       | KM       | TE | SC | TDPA | M                                    | A    | B   | C2   | C3   | T3S2 | T3S3 | T3S2R4 | OTROS | A    | B   | C    | K'    | D     | LATITUD     | LONGITUD   |
| Cd. Alemán                            | 0.00     | 3  | 0  | 5789 | 2.7                                  | 66.6 | 6.5 | 5.0  | 4.3  | 8.4  | 3.0  | 2.8    | 0.7   | 69.3 | 6.5 | 24.2 | 0.075 | 0.502 | 18.183666   | -96.093641 |
| Lim. Edos. Term. Ver. Ppia. Oax.      | 1.80     |    |    |      |                                      |      |     |      |      |      |      |        |       |      |     |      |       |       |             |            |
| Puente Papaloapan                     | 3.50     | 2  | 0  | 5265 | 0.0                                  | 45.2 | 4.1 | 10.3 | 13.6 | 19.4 | 2.4  | 1.6    | 3.4   | 45.2 | 4.1 | 50.7 | 0.071 |       | 18.159461   | -96.096585 |
| T. Izq. Loma Bonita                   | 36.70    | 1  | 0  | 5266 | 2.3                                  | 52.4 | 3.6 | 10.9 | 9.9  | 15.5 | 2.1  | 2.4    | 0.9   | 54.7 | 3.6 | 41.7 | 0.066 | 0.527 | 18.095000   | -95.880833 |
| T. Der. Villa Azueta                  | 41.50    | 1  | 0  | 5243 | 2.1                                  | 66.6 | 6.1 | 5.3  | 4.5  | 8.4  | 2.3  | 3.8    | 0.9   | 68.7 | 6.1 | 25.2 | 0.076 | 0.515 | 18.086979   | -95.798448 |
| Lim. Edos. Term. Oax. Ppia. Ver.      | 43.16    |    |    |      |                                      |      |     |      |      |      |      |        |       |      |     |      |       |       |             |            |
| T. Izq. Tesechoacán                   | 56.70    | 1  | 0  | 3859 | 1.8                                  | 65.8 | 6.4 | 5.3  | 4.6  | 8.6  | 3.3  | 3.2    | 1.0   | 67.6 | 6.4 | 26.0 | 0.064 | 0.539 | 18.127741   | -95.655320 |
| X. C. Santiago Tuxtla - Playa Vicente | 71.40    | 1  | 0  | 4941 | 1.9                                  | 68.1 | 6.1 | 5.1  | 4.1  | 8.4  | 2.3  | 3.0    | 1.0   | 70.0 | 6.1 | 23.9 | 0.073 | 0.521 | 18.069114   | -95.535508 |
| San Juan Evangelista                  | 118.35   | 1  | 0  | 4880 | 2.7                                  | 64.5 | 6.4 | 5.6  | 5.0  | 7.8  | 3.4  | 3.6    | 1.0   | 67.2 | 6.4 | 26.4 | 0.060 | 0.523 | 17.911102   | -95.132001 |
| Sayula de Alemán                      | 136.40   | 1  | 0  | 5615 | 1.7                                  | 67.2 | 6.4 | 5.1  | 4.1  | 8.1  | 3.2  | 3.2    | 1.0   | 68.9 | 6.4 | 24.7 | 0.067 | 0.518 | 17.887507   | -94.964826 |

3 CARR: Coatzacoalcos - Salina Cruz

CLAVE: 00147

RUTA: MEX-185

AÑO: 2011

| LUGAR         | ESTACION |    |    |      | CLASIFICACION VEHICULAR EN PORCIENTO |      |     |     |     |      |      |        |       |      |     |      |       |       | COORDENADAS |            |
|---------------|----------|----|----|------|--------------------------------------|------|-----|-----|-----|------|------|--------|-------|------|-----|------|-------|-------|-------------|------------|
|               | KM       | TE | SC | TDPA | M                                    | A    | B   | C2  | C3  | T3S2 | T3S3 | T3S2R4 | OTROS | A    | B   | C    | K'    | D     | LATITUD     | LONGITUD   |
| Coatzacoalcos | 0.00     | 3  | 1  | 9882 | 1.6                                  | 73.8 | 5.9 | 4.8 | 1.4 | 7.2  | 2.6  | 2.1    | 0.6   | 75.4 | 5.9 | 18.7 | 0.071 | 0.533 | 18.096299   | -94.460149 |

[illegible]

## OAXACA

4 C A R R : Huajuapán de León - Oaxaca

CLAVE: 20056

RUTA: MEX-190

AÑO : 2011

| L U G A R                    | E S T A C I O N |    |    |       | C L A S I F I C A C I O N V E H I C U L A R E N P O R C I E N T O |      |     |     |     |      |      |        |       |      |     |      |       |       | C O O R D E N A D A S |            |
|------------------------------|-----------------|----|----|-------|-------------------------------------------------------------------|------|-----|-----|-----|------|------|--------|-------|------|-----|------|-------|-------|-----------------------|------------|
|                              | KM              | TE | SC | TDPA  | M                                                                 | A    | B   | C2  | C3  | T3S2 | T3S3 | T3S2R4 | OTROS | A    | B   | C    | K'    | D     | LATITUD               | LONGITUD   |
| T. Izq. Tehuacán             | 1.35            | 1  | 0  | 11879 | 2.5                                                               | 82.5 | 3.4 | 5.8 | 1.4 | 2.3  | 0.9  | 0.5    | 0.7   | 85.0 | 3.4 | 11.6 | 0.081 | 0.507 | 17.812915             | -97.766902 |
| T. Izq. Tehuacán             | 1.35            | 3  | 0  | 8085  | 3.4                                                               | 81.4 | 3.6 | 5.8 | 1.5 | 2.1  | 1.0  | 0.5    | 0.7   | 84.8 | 3.6 | 11.6 | 0.096 | 0.510 | 17.810704             | -97.759918 |
| Tamazulapán                  | 38.61           | 1  | 0  | 3127  | 1.3                                                               | 85.1 | 3.1 | 5.7 | 1.1 | 2.5  | 0.6  | 0.3    | 0.3   | 86.4 | 3.1 | 10.5 | 0.086 | 0.501 | 17.674613             | -97.576963 |
| Tamazulapán                  | 38.61           | 3  | 0  | 3532  | 1.1                                                               | 84.8 | 3.9 | 5.4 | 1.3 | 2.0  | 0.7  | 0.4    | 0.4   | 85.9 | 3.9 | 10.2 | 0.077 | 0.507 | 17.671574             | -97.564658 |
| T. Izq. Santiago Tejuapán    | 49.62           | 3  | 0  | 2747  | 0.7                                                               | 84.4 | 3.4 | 5.6 | 2.2 | 2.5  | 0.7  | 0.3    | 0.2   | 85.1 | 3.4 | 11.5 | 0.086 | 0.502 | 17.659506             | -97.476061 |
| T. Der. Tlaxiaco             | 61.43           | 3  | 0  | 2831  | 0.9                                                               | 83.6 | 3.5 | 5.3 | 1.9 | 2.7  | 1.1  | 0.4    | 0.6   | 84.5 | 3.5 | 12.0 | 0.081 | 0.506 | 17.573491             | -97.423648 |
| Asunción Nochistlán          | 90.40           | 1  | 0  | 6263  | 1.7                                                               | 83.7 | 4.0 | 5.3 | 1.3 | 2.8  | 0.6  | 0.2    | 0.4   | 85.4 | 4.0 | 10.6 | 0.083 | 0.500 | 17.463988             | -97.253742 |
| T. Izq. Tehuacán             | 161.73          | 1  | 0  | 3986  | 2.4                                                               | 82.4 | 4.1 | 5.7 | 1.3 | 2.6  | 0.9  | 0.3    | 0.3   | 84.8 | 4.1 | 11.1 | 0.103 | 0.500 | 17.285399             | -96.911333 |
| T. Izq. Tehuacán             | 161.73          | 3  | 0  | 4502  | 3.9                                                               | 86.8 | 2.6 | 3.4 | 1.0 | 1.4  | 0.5  | 0.1    | 0.3   | 90.7 | 2.6 | 6.7  | 0.088 | 0.522 | 17.285142             | -96.900479 |
| T. Der. Tlaltinango          | 170.29          | 1  | 0  | 6541  | 1.9                                                               | 86.6 | 3.3 | 4.3 | 0.9 | 2.2  | 0.4  | 0.1    | 0.3   | 88.5 | 3.3 | 8.2  | 0.086 | 0.501 | 17.248349             | -96.852230 |
| T. Der. Tlaltinango          | 170.29          | 3  | 0  | 6899  | 2.3                                                               | 86.6 | 3.2 | 4.4 | 0.9 | 2.0  | 0.4  | 0.0    | 0.2   | 88.9 | 3.2 | 7.9  | 0.088 | 0.504 | 17.242662             | -96.836902 |
| T. Der. Nazareno Etla        | 179.23          | 3  | 1  | 12173 | 0.3                                                               | 86.5 | 3.0 | 5.1 | 1.6 | 2.2  | 0.7  | 0.3    | 0.3   | 86.8 | 3.0 | 10.2 | 0.121 | 0.502 | 17.167961             | -96.788248 |
| T. Der. Nazareno Etla        | 179.23          | 3  | 2  | 12062 | 0.3                                                               | 85.7 | 3.4 | 5.4 | 1.7 | 2.2  | 0.7  | 0.3    | 0.3   | 86.0 | 3.4 | 10.6 | 0.102 | 0.502 | 17.167961             | -96.788241 |
| T. Aut. Cuacnopalan - Oaxaca | 181.80          | 3  | 1  | 19405 | 0.3                                                               | 89.8 | 2.5 | 4.5 | 0.8 | 1.0  | 0.7  | 0.2    | 0.2   | 90.1 | 2.5 | 7.4  | 0.111 | 0.508 | 17.142806             | -96.777611 |
| T. Aut. Cuacnopalan - Oaxaca | 181.80          | 3  | 2  | 18781 | 0.4                                                               | 88.7 | 2.7 | 5.0 | 0.8 | 1.2  | 0.8  | 0.2    | 0.2   | 89.1 | 2.7 | 8.2  | 0.082 | 0.508 | 17.142806             | -96.777611 |
| Oaxaca                       | 190.60          | 1  | 1  | 28151 | 0.4                                                               | 88.0 | 3.6 | 5.7 | 0.3 | 0.9  | 0.7  | 0.2    | 0.2   | 88.4 | 3.6 | 8.0  | 0.086 | 0.523 | 17.096273             | -96.749682 |
| Oaxaca                       | 190.60          | 1  | 2  | 25652 | 0.5                                                               | 86.4 | 4.2 | 6.5 | 0.3 | 0.9  | 0.8  | 0.2    | 0.2   | 86.9 | 4.2 | 8.9  | 0.079 | 0.523 | 17.096272             | -96.749682 |

5 C A R R : Juchitán - Ixtepec

CLAVE: 20359

RUTA: MEX-185

AÑO : 2011

| L U G A R                         | E S T A C I O N |    |    |      | C L A S I F I C A C I O N V E H I C U L A R E N P O R C I E N T O |      |     |     |     |      |      |        |       |      |     |     |       |       | C O O R D E N A D A S |            |
|-----------------------------------|-----------------|----|----|------|-------------------------------------------------------------------|------|-----|-----|-----|------|------|--------|-------|------|-----|-----|-------|-------|-----------------------|------------|
|                                   | KM              | TE | SC | TDPA | M                                                                 | A    | B   | C2  | C3  | T3S2 | T3S3 | T3S2R4 | OTROS | A    | B   | C   | K'    | D     | LATITUD               | LONGITUD   |
| Juchitán de Zaragoza              | 0.00            |    |    |      |                                                                   |      |     |     |     |      |      |        |       |      |     |     |       |       |                       |            |
| X. C. Coatzacoalcos - Salina Cruz | 0.15            | 3  | 1  | 8216 | 5.4                                                               | 84.1 | 2.9 | 5.1 | 0.3 | 1.1  | 0.6  | 0.2    | 0.3   | 89.5 | 2.9 | 7.6 | 0.084 | 0.511 | 16.449242             | -95.026039 |
| X. C. Coatzacoalcos - Salina Cruz | 0.15            | 3  | 2  | 7850 | 6.5                                                               | 81.6 | 3.3 | 5.8 | 0.3 | 1.3  | 0.7  | 0.2    | 0.3   | 88.1 | 3.3 | 8.6 | 0.081 | 0.511 | 16.449242             | -95.026039 |
| Ixtepec                           | 16.00           | 1  | 1  | 3835 | 6.4                                                               | 80.6 | 3.9 | 6.1 | 0.5 | 1.1  | 0.6  | 0.4    | 0.4   | 87.0 | 3.9 | 9.1 | 0.090 | 0.501 | 16.538714             | -95.080699 |
| Ixtepec                           | 16.00           | 1  | 2  | 3855 | 5.9                                                               | 80.3 | 4.4 | 6.4 | 0.5 | 1.1  | 0.6  | 0.4    | 0.4   | 86.2 | 4.4 | 9.4 | 0.076 | 0.501 | 16.538721             | -95.080695 |

6 C A R R : La Granja - Temascal

CLAVE: 00275

RUTA: MEX-145

AÑO : 2011

| L U G A R                        | E S T A C I O N |    |    |      | C L A S I F I C A C I O N V E H I C U L A R E N P O R C I E N T O |      |     |     |     |      |      |        |       |      |     |      |       |       | C O O R D E N A D A S |            |
|----------------------------------|-----------------|----|----|------|-------------------------------------------------------------------|------|-----|-----|-----|------|------|--------|-------|------|-----|------|-------|-------|-----------------------|------------|
|                                  | KM              | TE | SC | TDPA | M                                                                 | A    | B   | C2  | C3  | T3S2 | T3S3 | T3S2R4 | OTROS | A    | B   | C    | K'    | D     | LATITUD               | LONGITUD   |
| T. C. La Tinaja - Santa Cruz     | 0.00            | 3  | 0  | 3609 | 14.7                                                              | 69.6 | 5.3 | 5.5 | 1.5 | 2.7  | 0.3  | 0.1    | 0.3   | 84.3 | 5.3 | 10.4 | 0.067 | 0.501 | 18.353087             | -96.261431 |
| Lim. Edos. Term. Ver. Ppia. Oax. | 5.00            |    |    |      |                                                                   |      |     |     |     |      |      |        |       |      |     |      |       |       |                       |            |
| Temascal                         | 23.00           | 1  | 0  | 2758 | 13.6                                                              | 71.7 | 6.5 | 4.0 | 1.2 | 2.4  | 0.3  | 0.0    | 0.3   | 85.3 | 6.5 | 8.2  | 0.110 | 0.502 | 18.254490             | -96.393391 |

## OAXACA

7 C A R R : La Ventosa - San Pedro Tapanatepec

CLAVE: 20059

RUTA: MEX-190

AÑO : 2011

| L U G A R                              | E S T A C I O N |    |    |      | C L A S I F I C A C I O N   V E H I C U L A R   E N   P O R C I E N T O |      |     |     |     |      |      |        |       |      |     |      |       |       | C O O R D E N A D A S |            |
|----------------------------------------|-----------------|----|----|------|-------------------------------------------------------------------------|------|-----|-----|-----|------|------|--------|-------|------|-----|------|-------|-------|-----------------------|------------|
|                                        | KM              | TE | SC | TDPA | M                                                                       | A    | B   | C2  | C3  | T3S2 | T3S3 | T3S2R4 | OTROS | A    | B   | C    | K'    | D     | LATITUD               | LONGITUD   |
| La Ventosa                             | 0.00            | 3  | 0  | 3510 | 2.2                                                                     | 78.8 | 4.3 | 6.4 | 2.1 | 3.1  | 1.3  | 0.8    | 1.0   | 81.0 | 4.3 | 14.7 | 0.081 | 0.512 | 16.550365             | -94.944069 |
| T. C. La Ventosa - Salina Cruz (Cuota) | 7.20            | 3  | 0  | 5798 | 0.8                                                                     | 78.8 | 4.6 | 6.0 | 2.3 | 3.5  | 1.9  | 1.1    | 1.0   | 79.6 | 4.6 | 15.8 | 0.076 | 0.512 | 16.571691             | -94.884732 |
| T. Izq. Nilotpec                       | 38.01           | 3  | 0  | 3664 | 1.5                                                                     | 59.5 | 7.2 | 6.3 | 3.9 | 10.0 | 4.4  | 6.5    | 0.7   | 61.0 | 7.2 | 31.8 | 0.056 | 0.506 | 16.554550             | -94.604586 |
| Santo Domingo Zanatepec                | 68.25           | 3  | 0  | 4895 | 4.4                                                                     | 66.8 | 3.8 | 4.8 | 2.6 | 8.3  | 3.9  | 4.6    | 0.8   | 71.2 | 3.8 | 25.0 | 0.061 | 0.500 | 16.476041             | -94.348768 |
| San Pedro Tapanatepec                  | 91.80           | 1  | 0  | 3996 | 3.0                                                                     | 63.8 | 4.9 | 6.0 | 3.2 | 9.1  | 3.9  | 5.2    | 0.9   | 66.8 | 4.9 | 28.3 | 0.061 | 0.503 | 16.380193             | -94.199003 |

8 C A R R : Las Cruces - Pinotepa Nacional

CLAVE: 00073

RUTA: MEX-200

AÑO : 2011

[illegible]

OAXACA

1 CARR: Buenavista - Tuxtepec

CLAVE: 00624

ruta: MEX-175

AÑO: 2011

| LUGAR                            | ESTACION |    |    |       | CLASIFICACION VEHICULAR EN PORCIENTO |      |     |     |     |      |      |        |       |      |     |      |       |       | COORDENADAS |            |
|----------------------------------|----------|----|----|-------|--------------------------------------|------|-----|-----|-----|------|------|--------|-------|------|-----|------|-------|-------|-------------|------------|
|                                  | KM       | TE | SC | TDPA  | M                                    | A    | B   | C2  | C3  | T3S2 | T3S3 | T3S2R4 | OTROS | A    | B   | C    | K'    | D     | LATITUD     | LONGITUD   |
| T. C. Paso del Toro - Acayucan   | 0.00     | 3  | 0  | 1503  | 2.7                                  | 76.5 | 7.0 | 6.1 | 4.2 | 2.7  | 0.7  | 0.1    | 0.0   | 79.2 | 7.0 | 13.8 | 0.078 | 0.509 | 18.713458   | -95.637978 |
| Puente Tlacotalpan               | 1.55     | 2  | 0  | 1461  | 0.0                                  | 82.7 | 5.1 | 5.9 | 5.5 | 0.6  | 0.1  | 0.0    | 0.1   | 82.7 | 5.1 | 12.2 | 0.088 |       | 18.704596   | -95.641294 |
| Tlacotalpan                      | 18.00    | 1  | 0  | 1881  | 11.4                                 | 68.7 | 7.3 | 5.9 | 3.0 | 2.5  | 0.7  | 0.1    | 0.4   | 80.1 | 7.3 | 12.6 | 0.088 | 0.500 | 18.612939   | -95.648348 |
| Tlacotalpan                      | 18.00    | 3  | 0  | 1837  | 9.8                                  | 69.8 | 6.9 | 6.0 | 2.8 | 2.5  | 1.0  | 0.4    | 0.8   | 79.6 | 6.9 | 13.5 | 0.097 | 0.506 | 18.616793   | -95.669908 |
| Carlos A. Carrillo               | 56.00    | 1  | 0  | 3333  | 13.4                                 | 69.3 | 7.1 | 5.9 | 0.7 | 2.5  | 0.7  | 0.1    | 0.3   | 82.7 | 7.1 | 10.2 | 0.076 | 0.503 | 18.402823   | -95.709330 |
| Cosamaloapan                     | 60.00    | 1  | 0  | 10357 | 2.0                                  | 79.4 | 7.0 | 5.9 | 0.6 | 3.6  | 0.6  | 0.6    | 0.3   | 81.4 | 7.0 | 11.6 | 0.076 | 0.502 | 18.366047   | -95.774994 |
| Cosamaloapan                     | 60.00    | 3  | 0  | 9662  | 3.0                                  | 78.5 | 7.0 | 6.1 | 0.5 | 3.6  | 0.6  | 0.4    | 0.3   | 81.5 | 7.0 | 11.5 | 0.074 | 0.500 | 18.352701   | -95.806012 |
| T. C. La Tinaja - Santa Cruz     | 107.00   | 1  | 0  | 3429  | 3.7                                  | 76.6 | 7.5 | 6.2 | 0.5 | 3.5  | 1.0  | 0.4    | 0.6   | 80.3 | 7.5 | 12.2 | 0.087 | 0.505 | 18.168665   | -96.088286 |
| T. C. Cd. Alemán - Sayula        | 108.92   | 1  | 0  | 3818  | 3.1                                  | 78.0 | 7.0 | 6.5 | 0.6 | 3.3  | 0.7  | 0.2    | 0.6   | 81.1 | 7.0 | 11.9 | 0.078 | 0.510 | 18.168496   | -96.097596 |
| T. C. Cd. Alemán - Sayula        | 108.92   | 3  | 0  | 6134  | 1.7                                  | 79.3 | 6.9 | 6.4 | 0.7 | 3.6  | 0.7  | 0.4    | 0.3   | 81.0 | 6.9 | 12.1 | 0.077 | 0.506 | 18.168993   | -96.104087 |
| Lim. Edos. Term. Ver. Ppia. Oax. | 115.00   |    |    |       |                                      |      |     |     |     |      |      |        |       |      |     |      |       |       |             |            |
| Puente Caracol                   | 117.20   | 2  | 0  | 5809  | 0.0                                  | 76.7 | 8.5 | 5.2 | 3.2 | 2.1  | 0.4  | 0.4    | 3.5   | 76.7 | 8.5 | 14.8 | 0.084 |       | 18.133058   | -96.136687 |
| Tuxtepec                         | 121.25   | 1  | 1  | 3883  | 1.3                                  | 78.2 | 8.8 | 5.7 | 1.9 | 1.7  | 0.4  | 1.3    | 0.7   | 79.5 | 8.8 | 11.7 | 0.083 | 0.504 | 18.111844   | -96.134507 |
| Tuxtepec                         | 121.25   | 1  | 2  | 4098  | 0.4                                  | 77.9 | 9.3 | 5.9 | 2.0 | 1.8  | 0.5  | 1.4    | 0.8   | 78.3 | 9.3 | 12.4 | 0.085 | 0.504 | 18.111844   | -96.134507 |

2 CARR: Cd. Alemán - Sayula

CLAVE: 00301

ruta: MEX-145

AÑO: 2011

| LUGAR                                 | ESTACION |    |    |      | CLASIFICACION VEHICULAR EN PORCIENTO |      |     |      |      |      |      |        |       |      |     |      |       |       | COORDENADAS |            |
|---------------------------------------|----------|----|----|------|--------------------------------------|------|-----|------|------|------|------|--------|-------|------|-----|------|-------|-------|-------------|------------|
|                                       | KM       | TE | SC | TDPA | M                                    | A    | B   | C2   | C3   | T3S2 | T3S3 | T3S2R4 | OTROS | A    | B   | C    | K'    | D     | LATITUD     | LONGITUD   |
| Cd. Alemán                            | 0.00     | 3  | 0  | 5789 | 2.7                                  | 66.6 | 6.5 | 5.0  | 4.3  | 8.4  | 3.0  | 2.8    | 0.7   | 69.3 | 6.5 | 24.2 | 0.075 | 0.502 | 18.183666   | -96.093641 |
| Lim. Edos. Term. Ver. Ppia. Oax.      | 1.80     |    |    |      |                                      |      |     |      |      |      |      |        |       |      |     |      |       |       |             |            |
| Puente Papaloapan                     | 3.50     | 2  | 0  | 5265 | 0.0                                  | 45.2 | 4.1 | 10.3 | 13.6 | 19.4 | 2.4  | 1.6    | 3.4   | 45.2 | 4.1 | 50.7 | 0.071 |       | 18.159461   | -96.096585 |
| T. Izq. Loma Bonita                   | 36.70    | 1  | 0  | 5266 | 2.3                                  | 52.4 | 3.6 | 10.9 | 9.9  | 15.5 | 2.1  | 2.4    | 0.9   | 54.7 | 3.6 | 41.7 | 0.066 | 0.527 | 18.095000   | -95.880833 |
| T. Der. Villa Azueta                  | 41.50    | 1  | 0  | 5243 | 2.1                                  | 66.6 | 6.1 | 5.3  | 4.5  | 8.4  | 2.3  | 3.8    | 0.9   | 68.7 | 6.1 | 25.2 | 0.076 | 0.515 | 18.086979   | -95.798448 |
| Lim. Edos. Term. Oax. Ppia. Ver.      | 43.16    |    |    |      |                                      |      |     |      |      |      |      |        |       |      |     |      |       |       |             |            |
| T. Izq. Tesechoacán                   | 56.70    | 1  | 0  | 3859 | 1.8                                  | 65.8 | 6.4 | 5.3  | 4.6  | 8.6  | 3.3  | 3.2    | 1.0   | 67.6 | 6.4 | 26.0 | 0.064 | 0.539 | 18.127741   | -95.655320 |
| X. C. Santiago Tuxtla - Playa Vicente | 71.40    | 1  | 0  | 4941 | 1.9                                  | 68.1 | 6.1 | 5.1  | 4.1  | 8.4  | 2.3  | 3.0    | 1.0   | 70.0 | 6.1 | 23.9 | 0.073 | 0.521 | 18.069114   | -95.535508 |
| San Juan Evangelista                  | 118.35   | 1  | 0  | 4880 | 2.7                                  | 64.5 | 6.4 | 5.6  | 5.0  | 7.8  | 3.4  | 3.6    | 1.0   | 67.2 | 6.4 | 26.4 | 0.060 | 0.523 | 17.911102   | -95.132001 |
| Sayula de Alemán                      | 136.40   | 1  | 0  | 5615 | 1.7                                  | 67.2 | 6.4 | 5.1  | 4.1  | 8.1  | 3.2  | 3.2    | 1.0   | 68.9 | 6.4 | 24.7 | 0.067 | 0.518 | 17.887507   | -94.964826 |

3 CARR: Coatzacoalcos - Salina Cruz

CLAVE: 00147

ruta: MEX-185

AÑO: 2011

| LUGAR         | ESTACION |    |    |      | CLASIFICACION VEHICULAR EN PORCIENTO |      |     |     |     |      |      |        |       |      |     |      |       |       | COORDENADAS |            |
|---------------|----------|----|----|------|--------------------------------------|------|-----|-----|-----|------|------|--------|-------|------|-----|------|-------|-------|-------------|------------|
|               | KM       | TE | SC | TDPA | M                                    | A    | B   | C2  | C3  | T3S2 | T3S3 | T3S2R4 | OTROS | A    | B   | C    | K'    | D     | LATITUD     | LONGITUD   |
| Coatzacoalcos | 0.00     | 3  | 1  | 9882 | 1.6                                  | 73.8 | 5.9 | 4.8 | 1.4 | 7.2  | 2.6  | 2.1    | 0.6   | 75.4 | 5.9 | 18.7 | 0.071 | 0.533 | 18.096299   | -94.460149 |

OAXACA

| C A R R : Oaxaca - Puerto Ángel |                 |    |    |       | CLAVE: 20091                                                      |      |     |     |     | RUTA: MEX-175 |      |        |       |      | AÑO : 2011            |      |       |       |           |            |
|---------------------------------|-----------------|----|----|-------|-------------------------------------------------------------------|------|-----|-----|-----|---------------|------|--------|-------|------|-----------------------|------|-------|-------|-----------|------------|
| L U G A R                       | E S T A C I O N |    |    |       | C L A S I F I C A C I O N V E H I C U L A R E N P O R C I E N T O |      |     |     |     |               |      |        |       |      | C O O R D E N A D A S |      |       |       |           |            |
|                                 | KM              | TE | SC | TDPA  | M                                                                 | A    | B   | C2  | C3  | T3S2          | T3S3 | T3S2R4 | OTROS | A    | B                     | C    | K'    | D     | LATITUD   | LONGITUD   |
| Oaxaca                          | 0.00            | 3  | 1  | 27410 | 0.8                                                               | 90.2 | 2.1 | 5.5 | 0.4 | 0.3           | 0.5  | 0.1    | 0.1   | 91.0 | 2.1                   | 6.9  | 0.084 | 0.501 | 17.032479 | -96.712980 |
| Oaxaca                          | 0.00            | 3  | 2  | 27556 | 0.6                                                               | 89.4 | 2.4 | 6.2 | 0.4 | 0.3           | 0.5  | 0.1    | 0.1   | 90.0 | 2.4                   | 7.6  | 0.085 | 0.501 | 17.032472 | -96.712982 |
| T. Der. Aeropuerto              | 10.46           | 1  | 1  | 23045 | 0.6                                                               | 89.5 | 2.9 | 4.8 | 0.7 | 0.7           | 0.6  | 0.1    | 0.1   | 90.1 | 2.9                   | 7.0  | 0.089 | 0.503 | 17.007202 | -96.712960 |
| T. Der. Aeropuerto              | 10.46           | 1  | 2  | 22780 | 0.5                                                               | 88.3 | 3.5 | 5.4 | 0.7 | 0.8           | 0.6  | 0.1    | 0.1   | 88.8 | 3.5                   | 7.7  | 0.084 | 0.503 | 17.007195 | -96.712960 |
| T. Der. Puerto Escondido        | 19.07           | 1  | 1  | 11590 | 1.8                                                               | 87.3 | 3.2 | 5.0 | 0.7 | 0.9           | 0.8  | 0.1    | 0.2   | 89.1 | 3.2                   | 7.7  | 0.099 | 0.508 | 16.933235 | -96.704326 |
| T. Der. Puerto Escondido        | 19.07           | 1  | 2  | 11984 | 1.7                                                               | 86.0 | 3.7 | 5.7 | 0.8 | 0.9           | 0.9  | 0.1    | 0.2   | 87.7 | 3.7                   | 8.6  | 0.094 | 0.508 | 16.933233 | -96.704316 |
| T. Der. Puerto Escondido        | 19.07           | 3  | 0  | 11198 | 2.1                                                               | 86.2 | 3.3 | 5.2 | 0.8 | 0.9           | 0.9  | 0.3    | 0.3   | 88.3 | 3.3                   | 8.4  | 0.074 | 0.506 | 16.926166 | -96.701283 |
| Ocotlán                         | 35.67           | 3  | 0  | 7897  | 1.9                                                               | 85.8 | 3.6 | 5.5 | 0.8 | 0.9           | 0.6  | 0.2    | 0.7   | 87.7 | 3.6                   | 8.7  | 0.082 | 0.510 | 16.764412 | -96.677396 |
| Ejutla de Crespo                | 64.04           | 1  | 0  | 4365  | 0.7                                                               | 84.7 | 3.8 | 6.5 | 1.3 | 1.9           | 0.8  | 0.1    | 0.2   | 85.4 | 3.8                   | 10.8 | 0.086 | 0.507 | 16.604943 | -96.738060 |
| Ejutla de Crespo                | 64.04           | 3  | 0  | 2977  | 2.0                                                               | 82.6 | 3.8 | 6.3 | 1.7 | 2.1           | 0.7  | 0.3    | 0.5   | 84.6 | 3.8                   | 11.6 | 0.089 | 0.502 | 16.515187 | -96.736130 |
| Miahuatlán de Porfirio Díaz     | 100.64          | 3  | 0  | 3009  | 2.8                                                               | 85.3 | 3.6 | 5.3 | 1.2 | 1.5           | 0.2  | 0.0    | 0.1   | 88.1 | 3.6                   | 8.3  | 0.091 | 0.501 | 16.285192 | -96.584013 |
| San Miguel Suchixtepec          | 144.00          | 1  | 0  | 1329  | 0.8                                                               | 84.8 | 4.2 | 6.7 | 2.0 | 0.9           | 0.4  | 0.0    | 0.2   | 85.6 | 4.2                   | 10.2 | 0.076 | 0.503 | 16.100614 | -96.470540 |
| Candelaria Loxicha              | 195.00          | 1  | 0  | 1238  | 4.6                                                               | 82.9 | 1.5 | 7.8 | 1.4 | 1.3           | 0.4  | 0.0    | 0.1   | 87.5 | 1.5                   | 11.0 | 0.086 | 0.501 | 15.931608 | -96.486271 |
| San Pedro Pochutla              | 238.00          | 1  | 0  | 3758  | 7.5                                                               | 80.7 | 3.5 | 5.4 | 0.6 | 1.1           | 0.7  | 0.2    | 0.3   | 88.2 | 3.5                   | 8.3  | 0.079 | 0.504 | 15.764856 | -96.463525 |
| Puerto Ángel                    | 245.40          | 1  | 0  | 4371  | 2.0                                                               | 86.3 | 3.2 | 5.8 | 0.9 | 0.8           | 0.7  | 0.2    | 0.1   | 88.3 | 3.2                   | 8.5  | 0.092 | 0.518 | 15.677584 | -96.481628 |

| C A R R : Oaxaca - Tehuantepec |                 |    |    |       | CLAVE: 20057                                                      |      |     |     |     | RUTA: MEX-190 |      |        |       |      | AÑO : 2011            |      |       |       |           |            |
|--------------------------------|-----------------|----|----|-------|-------------------------------------------------------------------|------|-----|-----|-----|---------------|------|--------|-------|------|-----------------------|------|-------|-------|-----------|------------|
| L U G A R                      | E S T A C I O N |    |    |       | C L A S I F I C A C I O N V E H I C U L A R E N P O R C I E N T O |      |     |     |     |               |      |        |       |      | C O O R D E N A D A S |      |       |       |           |            |
|                                | KM              | TE | SC | TDPA  | M                                                                 | A    | B   | C2  | C3  | T3S2          | T3S3 | T3S2R4 | OTROS | A    | B                     | C    | K'    | D     | LATITUD   | LONGITUD   |
| Oaxaca                         | 0.00            | 3  | 1  | 17354 | 1.0                                                               | 89.8 | 2.4 | 4.7 | 0.4 | 0.5           | 0.4  | 0.7    | 0.1   | 90.8 | 2.4                   | 6.8  | 0.088 | 0.504 | 17.067899 | -96.687680 |
| Oaxaca                         | 0.00            | 3  | 2  | 17657 | 1.4                                                               | 88.1 | 2.8 | 5.6 | 0.4 | 0.5           | 0.4  | 0.7    | 0.1   | 89.5 | 2.8                   | 7.7  | 0.091 | 0.504 | 17.067904 | -96.687681 |
| T. Izq. Guelatao               | 8.69            | 3  | 1  | 15037 | 2.6                                                               | 89.0 | 2.1 | 4.3 | 0.7 | 0.3           | 0.5  | 0.3    | 0.2   | 91.6 | 2.1                   | 6.3  | 0.088 | 0.509 | 17.063945 | -96.674835 |
| T. Izq. Guelatao               | 8.69            | 3  | 2  | 15571 | 2.6                                                               | 88.0 | 2.5 | 4.8 | 0.8 | 0.3           | 0.5  | 0.3    | 0.2   | 90.6 | 2.5                   | 6.9  | 0.097 | 0.509 | 17.063949 | -96.674836 |
| Teotitlán del Valle            | 26.50           | 1  | 0  | 12488 | 1.4                                                               | 87.4 | 2.6 | 6.0 | 0.9 | 0.6           | 0.5  | 0.5    | 0.1   | 88.8 | 2.6                   | 8.6  | 0.091 | 0.502 | 16.996080 | -96.527508 |
| T. Der. Tlacolula              | 33.64           | 1  | 0  | 10861 | 1.3                                                               | 84.7 | 3.2 | 4.7 | 1.1 | 2.7           | 0.9  | 0.8    | 0.6   | 86.0 | 3.2                   | 10.8 | 0.092 | 0.510 | 16.970784 | -96.489400 |
| T. Izq. Villa de Mitla         | 42.66           | 1  | 0  | 6619  | 1.0                                                               | 83.3 | 2.7 | 7.1 | 1.5 | 2.4           | 0.7  | 0.9    | 0.4   | 84.3 | 2.7                   | 13.0 | 0.084 | 0.507 | 16.920952 | -96.405388 |
| T. Izq. Villa de Mitla         | 42.66           | 3  | 0  | 4064  | 0.9                                                               | 83.6 | 2.9 | 6.7 | 1.3 | 2.3           | 0.8  | 1.0    | 0.5   | 84.5 | 2.9                   | 12.6 | 0.078 | 0.502 | 16.912329 | -96.397819 |
| San Pedro Totolapan            | 81.00           | 1  | 0  | 2757  | 2.7                                                               | 79.2 | 3.5 | 6.6 | 2.4 | 2.5           | 1.6  | 0.9    | 0.6   | 81.9 | 3.5                   | 14.6 | 0.086 | 0.509 | 16.672211 | -96.306424 |
| T. Izq. Nejapa de Madero       | 127.00          | 1  | 0  | 2511  | 2.3                                                               | 82.0 | 2.5 | 6.6 | 1.3 | 2.6           | 1.3  | 1.2    | 0.2   | 84.3 | 2.5                   | 13.2 | 0.076 | 0.502 | 16.621996 | -96.038534 |
| La Reforma                     | 184.62          | 1  | 0  | 1894  | 0.8                                                               | 81.5 | 3.0 | 6.7 | 2.2 | 2.2           | 1.7  | 1.5    | 0.4   | 82.3 | 3.0                   | 14.7 | 0.078 | 0.504 | 16.399500 | -95.767338 |
| La Reforma                     | 184.62          | 3  | 0  | 1982  | 1.0                                                               | 81.0 | 3.1 | 6.5 | 2.2 | 2.3           | 1.8  | 1.8    | 0.3   | 82.0 | 3.1                   | 14.9 | 0.070 | 0.501 | 16.398463 | -95.760902 |
| T. Der. Magdalena Tequisistlán | 206.66          | 1  | 0  | 2757  | 7.6                                                               | 78.1 | 1.6 | 6.4 | 1.1 | 2.0           | 1.2  | 1.7    | 0.3   | 85.7 | 1.6                   | 12.7 | 0.074 | 0.500 | 16.415501 | -95.600919 |
| T. Izq. Jalapa de Márquez      | 224.60          | 3  | 0  | 3703  | 2.6                                                               | 81.6 | 2.3 | 7.0 | 1.3 | 2.2           | 1.0  | 1.5    | 0.5   | 84.2 | 2.3                   | 13.5 | 0.068 | 0.511 | 16.430443 | -95.428935 |
| Tehuantepec                    | 250.60          | 1  | 0  | 6011  | 2.2                                                               | 84.5 | 2.9 | 5.5 | 1.3 | 0.7           | 1.2  | 1.3    | 0.4   | 86.7 | 2.9                   | 10.4 | 0.080 | 0.509 | 16.329303 | -95.263588 |

# OAXACA

11 C A R R : Puebla - Huajuapán de León

CLAVE: 00049

RUTA: MEX-190

AÑO: 2011

| L U G A R                        | E S T A C I O N |    |    |       | C L A S I F I C A C I O N V E H I C U L A R E N P O R C I E N T O |      |     |     |     |      |      |        |       |      |     |      |       |       | C O O R D E N A D A S |            |
|----------------------------------|-----------------|----|----|-------|-------------------------------------------------------------------|------|-----|-----|-----|------|------|--------|-------|------|-----|------|-------|-------|-----------------------|------------|
|                                  | KM              | TE | SC | TDPA  | M                                                                 | A    | B   | C2  | C3  | T3S2 | T3S3 | T3S2R4 | OTROS | A    | B   | C    | K'    | D     | LATITUD               | LONGITUD   |
| Puebla                           | 0.00            | 3  | 1  | 17967 | 1.5                                                               | 79.7 | 3.4 | 6.0 | 1.4 | 3.3  | 3.1  | 1.0    | 0.6   | 81.2 | 3.4 | 15.4 | 0.059 | 0.502 | 19.033044             | -98.263881 |
| Puebla                           | 0.00            | 3  | 2  | 18146 | 1.2                                                               | 78.3 | 3.7 | 6.1 | 1.5 | 3.8  | 3.7  | 1.1    | 0.6   | 79.5 | 3.7 | 16.8 | 0.059 | 0.502 | 19.033299             | -98.263773 |
| Atlixco                          | 29.88           | 1  | 0  | 14127 | 0.6                                                               | 76.3 | 5.8 | 7.1 | 1.8 | 3.1  | 2.7  | 1.7    | 0.9   | 76.9 | 5.8 | 17.3 | 0.078 | 0.502 | 18.930212             | -98.407594 |
| Atlixco                          | 29.88           | 3  | 0  | 11478 | 0.6                                                               | 79.1 | 5.8 | 6.9 | 2.9 | 1.9  | 1.8  | 0.8    | 0.2   | 79.7 | 5.8 | 14.5 | 0.076 | 0.504 | 18.879549             | -98.435818 |
| Tepeojuma                        | 51.90           | 1  | 0  | 8700  | 1.6                                                               | 72.5 | 6.9 | 7.6 | 2.4 | 3.6  | 2.6  | 2.4    | 0.4   | 74.1 | 6.9 | 19.0 | 0.072 | 0.503 | 18.770576             | -98.453391 |
| Izúcar de Matamoros              | 67.00           | 1  | 0  | 9180  | 0.5                                                               | 75.9 | 4.7 | 9.2 | 2.0 | 3.4  | 1.9  | 2.0    | 0.4   | 76.4 | 4.7 | 18.9 | 0.075 | 0.501 | 18.631241             | -98.469201 |
| T. Der. Cuautla                  | 70.00           | 3  | 0  | 6960  | 0.5                                                               | 80.0 | 4.3 | 6.0 | 3.0 | 3.5  | 1.2  | 1.0    | 0.5   | 80.5 | 4.3 | 15.2 | 0.076 | 0.503 | 18.579551             | -98.450176 |
| Tehuizingo                       | 113.30          | 1  | 0  | 4456  | 1.0                                                               | 80.7 | 3.7 | 7.4 | 2.3 | 2.9  | 1.0  | 0.5    | 0.5   | 81.7 | 3.7 | 14.6 | 0.074 | 0.514 | 18.339043             | -98.283785 |
| Acatlán de Osorio                | 154.20          | 1  | 0  | 6023  | 0.6                                                               | 82.7 | 4.1 | 6.1 | 1.0 | 3.3  | 1.1  | 0.7    | 0.4   | 83.3 | 4.1 | 12.6 | 0.074 | 0.504 | 18.184932             | -98.057231 |
| Chila                            | 192.30          | 3  | 0  | 2282  | 0.7                                                               | 79.8 | 6.0 | 6.9 | 2.6 | 2.2  | 1.1  | 0.5    | 0.2   | 80.5 | 6.0 | 13.5 | 0.089 | 0.504 | 17.966501             | -97.864140 |
| Lim. Edos. Term. Pue. Ppia. Oax. | 200.30          |    |    |       |                                                                   |      |     |     |     |      |      |        |       |      |     |      |       |       |                       |            |
| T. Izq. Las Palmas               | 202.10          | 1  | 0  | 2192  | 1.4                                                               | 79.6 | 5.3 | 9.5 | 1.6 | 1.6  | 0.7  | 0.2    | 0.1   | 81.0 | 5.3 | 13.7 | 0.078 | 0.502 | 17.882387             | -97.836719 |
| Huajuapán de León                | 219.30          | 1  | 0  | 3185  | 3.1                                                               | 78.0 | 5.2 | 9.3 | 1.6 | 1.8  | 0.6  | 0.2    | 0.2   | 81.1 | 5.2 | 13.7 | 0.094 | 0.501 | 17.836500             | -97.790799 |

12 C A R R : Ramal a Asunción Ixtaltepec

CLAVE: 20624

RUTA: MEX-185

AÑO: 2011

| L U G A R                         | E S T A C I O N |    |    |      | C L A S I F I C A C I O N V E H I C U L A R E N P O R C I E N T O |      |     |     |     |      |      |        |       |      |     |      |       |       | C O O R D E N A D A S |            |
|-----------------------------------|-----------------|----|----|------|-------------------------------------------------------------------|------|-----|-----|-----|------|------|--------|-------|------|-----|------|-------|-------|-----------------------|------------|
|                                   | KM              | TE | SC | TDPA | M                                                                 | A    | B   | C2  | C3  | T3S2 | T3S3 | T3S2R4 | OTROS | A    | B   | C    | K'    | D     | LATITUD               | LONGITUD   |
| T. C. Coatzacoalcos - Salina Cruz | 0.00            | 3  | 0  | 5755 | 4.8                                                               | 76.4 | 5.7 | 5.5 | 1.6 | 2.8  | 1.1  | 1.3    | 0.8   | 81.2 | 5.7 | 13.1 | 0.070 | 0.510 | 16.436620             | -95.034490 |
| Asunción Ixtaltepec               | 9.70            | 1  | 0  | 3518 | 8.3                                                               | 74.7 | 5.8 | 6.0 | 0.6 | 3.0  | 0.6  | 0.3    | 0.7   | 83.0 | 5.8 | 11.2 | 0.079 | 0.506 | 16.499189             | -95.064640 |

13 C A R R : San Pablo Villa de Mitla - T. C. (Tuxtepec - Palomares)

CLAVE: 00106

RUTA: MEX-179

AÑO: 2011

| L U G A R                        | E S T A C I O N |    |    |      | C L A S I F I C A C I O N V E H I C U L A R E N P O R C I E N T O |      |     |     |     |      |      |        |       |      |     |     |       |       | C O O R D E N A D A S |            |
|----------------------------------|-----------------|----|----|------|-------------------------------------------------------------------|------|-----|-----|-----|------|------|--------|-------|------|-----|-----|-------|-------|-----------------------|------------|
|                                  | KM              | TE | SC | TDPA | M                                                                 | A    | B   | C2  | C3  | T3S2 | T3S3 | T3S2R4 | OTROS | A    | B   | C   | K'    | D     | LATITUD               | LONGITUD   |
| T. C. Oaxaca - Tehuantepec       | 0.00            | 3  | 0  | 2782 | 2.2                                                               | 85.4 | 4.6 | 5.1 | 0.5 | 1.7  | 0.2  | 0.1    | 0.2   | 87.6 | 4.6 | 7.8 | 0.086 | 0.502 | 16.917857             | -96.385655 |
| San Pedro y San Pablo Ayutla     | 55.00           | 1  | 0  | 1411 | 0.7                                                               | 86.0 | 4.0 | 4.8 | 1.4 | 1.9  | 0.7  | 0.1    | 0.4   | 86.7 | 4.0 | 9.3 | 0.094 | 0.513 | 17.020921             | -96.082490 |
| T. Der. Zacatepec                | 90.00           | 1  | 0  | 1591 | 1.6                                                               | 84.9 | 4.2 | 4.7 | 1.3 | 1.5  | 0.7  | 0.4    | 0.7   | 86.5 | 4.2 | 9.3 | 0.099 | 0.512 | 17.148293             | -96.034967 |
| Lim. Edos. Term. Oax. Ppia. Ver. | 217.70          |    |    |      |                                                                   |      |     |     |     |      |      |        |       |      |     |     |       |       |                       |            |
| T. C. Tuxtepec - Ent. Palomares  | 238.70          | 1  | 0  | 1731 | 3.3                                                               | 82.8 | 6.8 | 5.2 | 0.4 | 1.3  | 0.2  | 0.0    | 0.0   | 86.1 | 6.8 | 7.1 | 0.060 | 0.510 | 17.702437             | -95.734775 |

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| 14                                     | C A R R : Santiago Pinotepa Nacional - Salina Cruz |  |  |  | CLAVE: 20074    |   |   |      |                                                                   |      |     |      |     |     | RUTA: MEX-200 |     |     |      |      | AÑO : 2011 |       |       |                       |            |
|----------------------------------------|----------------------------------------------------|--|--|--|-----------------|---|---|------|-------------------------------------------------------------------|------|-----|------|-----|-----|---------------|-----|-----|------|------|------------|-------|-------|-----------------------|------------|
| L U G A R                              |                                                    |  |  |  | E S T A C I O N |   |   |      | C L A S I F I C A C I O N V E H I C U L A R E N P O R C I E N T O |      |     |      |     |     |               |     |     |      |      |            |       |       | C O O R D E N A D A S |            |
|                                        |                                                    |  |  |  |                 |   |   |      | KM                                                                | TE   | SC  | TDPA | M   | A   | B             | C2  | C3  | T3S2 | T3S3 | T3S2R4     | OTROS | A     |                       |            |
| Santiago Pinotepa Nacional             |                                                    |  |  |  | 0.00            | 3 | 0 | 3726 | 3.6                                                               | 81.6 | 3.2 | 6.7  | 0.7 | 2.6 | 0.7           | 0.4 | 0.5 | 85.2 | 3.2  | 11.6       | 0.086 | 0.500 | 16.333408             | -98.034056 |
| San Andrés Huaxpaltepec                |                                                    |  |  |  | 18.07           | 3 | 0 | 2847 | 2.7                                                               | 84.2 | 3.3 | 5.1  | 0.9 | 2.1 | 0.8           | 0.4 | 0.5 | 86.9 | 3.3  | 9.8        | 0.085 | 0.504 | 16.324115             | -97.904648 |
| San José del Progreso                  |                                                    |  |  |  | 59.51           | 1 | 0 | 7964 | 0.7                                                               | 88.8 | 2.0 | 4.5  | 0.7 | 1.9 | 0.8           | 0.2 | 0.4 | 89.5 | 2.0  | 8.5        | 0.089 | 0.522 | 16.099262             | -97.701565 |
| T. Izq. Tututepec                      |                                                    |  |  |  | 65.85           | 3 | 0 | 4347 | 2.8                                                               | 84.0 | 3.5 | 4.3  | 0.8 | 3.4 | 0.6           | 0.2 | 0.4 | 86.8 | 3.5  | 9.7        | 0.089 | 0.505 | 16.080535             | -97.637150 |
| T. Izq. Bajos de Chila                 |                                                    |  |  |  | 131.94          | 1 | 0 | 3171 | 4.7                                                               | 78.0 | 4.9 | 6.9  | 1.0 | 2.2 | 1.0           | 0.6 | 0.7 | 82.7 | 4.9  | 12.4       | 0.085 | 0.517 | 15.918070             | -97.127770 |
| Puerto Escondido                       |                                                    |  |  |  | 141.54          | 1 | 0 | 5603 | 3.9                                                               | 80.1 | 4.8 | 6.8  | 0.7 | 2.8 | 0.4           | 0.2 | 0.3 | 84.0 | 4.8  | 11.2       | 0.076 | 0.502 | 15.873256             | -97.095063 |
| Puerto Escondido                       |                                                    |  |  |  | 141.54          | 3 | 0 | 5011 | 3.9                                                               | 77.9 | 4.9 | 8.0  | 1.0 | 3.0 | 0.7           | 0.3 | 0.3 | 81.8 | 4.9  | 13.3       | 0.076 | 0.535 | 15.825996             | -97.020990 |
| X. C. Oaxaca - Puerto Ángel            |                                                    |  |  |  | 209.95          | 1 | 0 | 5488 | 4.2                                                               | 78.2 | 3.8 | 7.5  | 0.6 | 3.7 | 0.9           | 0.3 | 0.8 | 82.4 | 3.8  | 13.8       | 0.083 | 0.503 | 15.730602             | -96.475679 |
| X. C. Oaxaca - Puerto Ángel            |                                                    |  |  |  | 209.95          | 3 | 0 | 4102 | 9.5                                                               | 71.0 | 4.9 | 7.8  | 1.0 | 3.4 | 1.2           | 0.5 | 0.7 | 80.5 | 4.9  | 14.6       | 0.075 | 0.501 | 15.729139             | -96.471436 |
| T. C. El Zapote - Copalita             |                                                    |  |  |  | 236.00          | 3 | 1 | 2837 | 3.6                                                               | 79.0 | 4.6 | 7.3  | 1.3 | 2.7 | 0.7           | 0.4 | 0.4 | 82.6 | 4.6  | 12.8       | 0.086 | 0.510 | 15.764071             | -96.268096 |
| T. C. El Zapote - Copalita             |                                                    |  |  |  | 236.00          | 3 | 2 | 2726 | 3.6                                                               | 77.5 | 4.8 | 7.7  | 1.5 | 3.2 | 0.9           | 0.4 | 0.4 | 81.1 | 4.8  | 14.1       | 0.087 | 0.510 | 15.764069             | -96.268050 |
| T. Der. Santa Cruz Huatulco            |                                                    |  |  |  | 250.00          | 1 | 1 | 2968 | 3.1                                                               | 80.6 | 3.8 | 6.9  | 0.9 | 3.0 | 0.9           | 0.4 | 0.4 | 83.7 | 3.8  | 12.5       | 0.077 | 0.509 | 15.781292             | -96.162263 |
| T. Der. Santa Cruz Huatulco            |                                                    |  |  |  | 250.00          | 1 | 2 | 3080 | 3.0                                                               | 79.5 | 4.2 | 7.1  | 1.0 | 3.5 | 1.0           | 0.3 | 0.4 | 82.5 | 4.2  | 13.3       | 0.083 | 0.509 | 15.781292             | -96.162264 |
| T. Der. Tangolunda                     |                                                    |  |  |  | 263.00          | 1 | 0 | 1257 | 3.1                                                               | 77.9 | 4.4 | 7.0  | 1.9 | 3.6 | 1.0           | 0.7 | 0.4 | 81.0 | 4.4  | 14.6       | 0.090 | 0.537 | 15.818150             | -96.069092 |
| T. C. La Ventosa - Salina Cruz (Cuota) |                                                    |  |  |  | 380.00          | 1 | 0 | 2501 | 0.2                                                               | 86.4 | 3.6 | 5.2  | 0.3 | 2.0 | 1.5           | 0.6 | 0.2 | 86.6 | 3.6  | 9.8        | 0.077 | 0.500 | 16.145537             | -95.290567 |
| T. C. La Ventosa - Salina Cruz (Cuota) |                                                    |  |  |  | 380.00          | 3 | 0 | 2287 | 1.7                                                               | 84.6 | 2.0 | 6.0  | 0.8 | 2.3 | 1.9           | 0.5 | 0.2 | 86.3 | 2.0  | 11.7       | 0.081 | 0.508 | 16.154428             | -95.280001 |
| Salina Cruz                            |                                                    |  |  |  | 394.00          |   |   |      |                                                                   |      |     |      |     |     |               |     |     |      |      |            |       |       |                       |            |

| 15 C A R R : Tapanatepec - Talismán |                 |    |    | CLAVE: 00075 |                                                                   |      |     | RUTA: MEX-200 |     |      |      | AÑO : 2011 |       |      |                       |      |       |       |           |            |
|-------------------------------------|-----------------|----|----|--------------|-------------------------------------------------------------------|------|-----|---------------|-----|------|------|------------|-------|------|-----------------------|------|-------|-------|-----------|------------|
| L U G A R                           | E S T A C I O N |    |    |              | C L A S I F I C A C I O N V E H I C U L A R E N P O R C I E N T O |      |     |               |     |      |      |            |       |      | C O O R D E N A D A S |      |       |       |           |            |
|                                     | KM              | TE | SC | TDPA         | M                                                                 | A    | B   | C2            | C3  | T3S2 | T3S3 | T3S2R4     | OTROS | A    | B                     | C    | K'    | D     | LATITUD   | LONGITUD   |
| Tapanatepec                         | 0.00            | 3  | 0  | 4477         | 1.6                                                               | 70.5 | 4.2 | 5.4           | 2.5 | 8.0  | 2.1  | 5.0        | 0.7   | 72.1 | 4.2                   | 23.7 | 0.068 | 0.501 | 16.346148 | -94.190729 |
| Lim. Edos. Term. Oax. Ppia. Chis.   | 25.90           |    |    |              |                                                                   |      |     |               |     |      |      |            |       |      |                       |      |       |       |           |            |
| T. Der. Emiliano Zapata             | 26.20           | 1  | 0  | 3153         | 2.8                                                               | 63.4 | 3.8 | 6.6           | 3.2 | 9.5  | 3.2  | 6.5        | 1.0   | 66.2 | 3.8                   | 30.0 | 0.067 | 0.517 | 16.217118 | -94.051610 |
| T. Der. Emiliano Zapata             | 26.20           | 3  | 0  | 3818         | 3.1                                                               | 66.3 | 4.1 | 6.3           | 2.3 | 8.9  | 2.5  | 5.4        | 1.1   | 69.4 | 4.1                   | 26.5 | 0.069 | 0.516 | 16.214694 | -94.040606 |
| Arriaga                             | 45.00           | 1  | 0  | 4818         | 3.1                                                               | 66.9 | 5.2 | 7.1           | 2.9 | 7.8  | 2.2  | 4.1        | 0.7   | 70.0 | 5.2                   | 24.8 | 0.070 | 0.504 | 16.221913 | -93.942698 |
| Arriaga                             | 45.00           | 3  | 1  | 3776         | 4.5                                                               | 75.7 | 3.9 | 5.2           | 0.9 | 5.3  | 2.0  | 2.4        | 0.1   | 80.2 | 3.9                   | 15.9 | 0.076 | 0.523 | 16.237790 | -93.883068 |
| Arriaga                             | 45.00           | 3  | 2  | 4086         | 7.2                                                               | 71.8 | 4.5 | 6.0           | 1.1 | 4.9  | 2.1  | 2.3        | 0.1   | 79.0 | 4.5                   | 16.5 | 0.067 | 0.523 | 16.238688 | -93.883306 |
| T. Der. Puerto Arista               | 73.00           | 3  | 1  | 2764         | 2.7                                                               | 74.0 | 3.5 | 4.5           | 1.4 | 7.3  | 1.9  | 3.8        | 0.9   | 76.7 | 3.5                   | 19.8 | 0.095 | 0.517 | 16.055456 | -93.733432 |
| T. Der. Puerto Arista               | 73.00           | 3  | 2  | 2584         | 29.0                                                              | 44.5 | 4.2 | 5.0           | 1.5 | 8.4  | 2.0  | 4.5        | 0.9   | 73.5 | 4.2                   | 22.3 | 0.080 | 0.517 | 16.055456 | -93.733425 |
| T. Der. Los Patos                   | 114.75          | 1  | 1  | 2021         | 2.2                                                               | 63.4 | 6.7 | 7.6           | 3.2 | 8.6  | 2.5  | 4.9        | 0.9   | 65.6 | 6.7                   | 27.7 | 0.090 | 0.516 | 15.838444 | -93.435866 |
| T. Der. Los Patos                   | 114.75          | 1  | 2  | 1892         | 2.4                                                               | 58.4 | 7.8 | 8.9           | 3.1 | 9.9  | 2.9  | 5.5        | 1.1   | 60.8 | 7.8                   | 31.4 | 0.104 | 0.516 | 15.839903 | -93.436273 |
| T. Der. Los Patos                   | 114.75          | 3  | 1  | 2004         | 2.2                                                               | 63.5 | 7.7 | 8.9           | 1.9 | 8.0  | 2.2  | 4.7        | 0.9   | 65.7 | 7.7                   | 26.6 | 0.086 | 0.512 | 15.827197 | -93.427816 |
| T. Der. Los Patos                   | 114.75          | 3  | 2  | 1909         | 4.5                                                               | 55.9 | 9.0 | 10.4          | 2.1 | 9.3  | 2.6  | 5.2        | 1.0   | 60.4 | 9.0                   | 30.6 | 0.106 | 0.512 | 15.827197 | -93.427816 |

## OAXACA

15 C A R R : Tapanatepec - Talismán

CLAVE: 00075

RUTA: MEX-200

AÑO : 2011

| L U G A R                  | E S T A C I O N |    |    |      | C L A S I F I C A C I O N V E H I C U L A R E N P O R C I E N T O |      |     |     |     |      |      |        |       |      |     |      |       |       | C O O R D E N A D A S |            |
|----------------------------|-----------------|----|----|------|-------------------------------------------------------------------|------|-----|-----|-----|------|------|--------|-------|------|-----|------|-------|-------|-----------------------|------------|
|                            | KM              | TE | SC | TDPA | M                                                                 | A    | B   | C2  | C3  | T3S2 | T3S3 | T3S2R4 | OTROS | A    | B   | C    | K'    | D     | LATITUD               | LONGITUD   |
| Pijjiapan                  | 144.45          | 1  | 1  | 3203 | 4.4                                                               | 75.1 | 3.7 | 5.3 | 1.8 | 5.4  | 1.4  | 2.6    | 0.3   | 79.5 | 3.7 | 16.8 | 0.095 | 0.514 | 15.701118             | -93.216659 |
| Pijjiapan                  | 144.45          | 1  | 2  | 3029 | 4.3                                                               | 72.8 | 4.2 | 5.8 | 2.1 | 5.9  | 1.5  | 3.0    | 0.4   | 77.1 | 4.2 | 18.7 | 0.102 | 0.514 | 15.702395             | -93.216504 |
| T. Der. Mapastepec         | 188.85          | 3  | 1  | 2878 | 5.1                                                               | 72.8 | 4.0 | 5.3 | 2.2 | 5.4  | 1.5  | 3.0    | 0.7   | 77.9 | 4.0 | 18.1 | 0.104 | 0.515 | 15.454965             | -92.881746 |
| T. Der. Mapastepec         | 188.85          | 3  | 2  | 3051 | 4.8                                                               | 70.7 | 4.4 | 6.0 | 2.5 | 6.1  | 1.6  | 3.2    | 0.7   | 75.5 | 4.4 | 20.1 | 0.084 | 0.515 | 15.455543             | -92.881055 |
| T. Der. Estación Soconusco | 213.30          | 1  | 1  | 3302 | 3.6                                                               | 68.8 | 6.9 | 8.5 | 1.8 | 5.7  | 1.3  | 3.0    | 0.4   | 72.4 | 6.9 | 20.7 | 0.084 | 0.504 | 15.338345             | -92.711599 |
| T. Der. Estación Soconusco | 213.30          | 1  | 2  | 3245 | 4.8                                                               | 64.9 | 8.0 | 9.4 | 1.9 | 6.0  | 1.4  | 3.2    | 0.4   | 69.7 | 8.0 | 22.3 | 0.093 | 0.504 | 15.352443             | -92.697404 |
| T. Der. Estación Soconusco | 213.30          | 3  | 1  | 3229 | 3.8                                                               | 75.9 | 4.5 | 5.8 | 1.6 | 4.4  | 1.3  | 2.2    | 0.5   | 79.7 | 4.5 | 15.8 | 0.095 | 0.510 | 15.337471             | -92.710538 |
| T. Der. Estación Soconusco | 213.30          | 3  | 2  | 3358 | 6.9                                                               | 70.9 | 4.7 | 6.2 | 1.8 | 5.1  | 1.5  | 2.4    | 0.5   | 77.8 | 4.7 | 17.5 | 0.097 | 0.510 | 15.348814             | -92.690200 |
| Huixtla                    | 250.50          | 1  | 1  | 3607 | 5.0                                                               | 80.2 | 3.4 | 4.0 | 0.8 | 3.7  | 1.1  | 1.1    | 0.7   | 85.2 | 3.4 | 11.4 | 0.117 | 0.532 | 15.157380             | -92.501200 |
| Huixtla                    | 250.50          | 1  | 2  | 3175 | 4.6                                                               | 79.1 | 3.7 | 4.6 | 1.0 | 3.8  | 1.1  | 1.3    | 0.8   | 83.7 | 3.7 | 12.6 | 0.106 | 0.532 | 15.147420             | -92.473939 |
| Huixtla                    | 250.50          | 3  | 1  | 6249 | 4.7                                                               | 83.6 | 2.2 | 2.5 | 1.6 | 2.9  | 1.1  | 1.0    | 0.4   | 88.3 | 2.2 | 9.5  | 0.108 | 0.500 | 15.133972             | -92.445833 |
| Huixtla                    | 250.50          | 3  | 2  | 6232 | 5.5                                                               | 82.0 | 2.3 | 2.8 | 1.8 | 3.0  | 1.2  | 1.0    | 0.4   | 87.5 | 2.3 | 10.2 | 0.099 | 0.500 | 15.133972             | -92.445833 |
| T. Izq. Hamburgo           | 262.70          | 3  | 1  | 5317 | 3.7                                                               | 81.3 | 3.4 | 4.2 | 2.0 | 2.9  | 0.8  | 1.4    | 0.3   | 85.0 | 3.4 | 11.6 | 0.102 | 0.509 | 15.107917             | -92.431770 |
| T. Izq. Hamburgo           | 262.70          | 3  | 2  | 5137 | 3.5                                                               | 79.9 | 4.1 | 4.3 | 2.1 | 3.3  | 0.9  | 1.6    | 0.3   | 83.4 | 4.1 | 12.5 | 0.093 | 0.509 | 15.107917             | -92.431770 |
| T. Izq. Huehuetán          | 273.70          | 1  | 1  | 5309 | 4.1                                                               | 78.8 | 4.1 | 5.0 | 2.0 | 3.3  | 0.9  | 1.4    | 0.4   | 82.9 | 4.1 | 13.0 | 0.099 | 0.510 | 15.015174             | -92.402694 |
| T. Izq. Huehuetán          | 273.70          | 1  | 2  | 5106 | 4.3                                                               | 77.1 | 4.5 | 5.3 | 2.3 | 3.6  | 1.0  | 1.5    | 0.4   | 81.4 | 4.5 | 14.1 | 0.090 | 0.510 | 15.015174             | -92.402695 |
| Tapachula                  | 292.25          | 1  | 1  | 8111 | 2.0                                                               | 85.1 | 2.9 | 4.4 | 1.1 | 2.5  | 0.8  | 0.8    | 0.4   | 87.1 | 2.9 | 10.0 | 0.093 | 0.506 | 14.910293             | -92.333387 |
| Tapachula                  | 292.25          | 1  | 2  | 7909 | 2.2                                                               | 83.7 | 3.2 | 4.8 | 1.2 | 2.7  | 0.9  | 0.9    | 0.4   | 85.9 | 3.2 | 10.9 | 0.086 | 0.506 | 14.910291             | -92.333385 |
| T. Der. Cd. Hidalgo        | 302.75          | 1  | 1  | 7872 | 1.6                                                               | 89.9 | 2.3 | 2.6 | 0.5 | 1.8  | 0.6  | 0.4    | 0.3   | 91.5 | 2.3 | 6.2  | 0.096 | 0.505 | 14.913419             | -92.195455 |
| T. Der. Cd. Hidalgo        | 302.75          | 1  | 2  | 7707 | 1.5                                                               | 89.7 | 2.3 | 2.8 | 0.5 | 1.9  | 0.6  | 0.4    | 0.3   | 91.2 | 2.3 | 6.5  | 0.090 | 0.505 | 14.913418             | -92.195455 |
| Tuxtla Chico               | 307.00          | 1  | 0  | 8977 | 2.7                                                               | 87.4 | 1.7 | 2.3 | 0.2 | 4.5  | 0.4  | 0.1    | 0.7   | 90.1 | 1.7 | 8.2  | 0.089 | 0.505 | 14.936825             | -92.160872 |
| Talismán                   | 310.77          | 1  | 0  | 3187 | 22.0                                                              | 70.6 | 2.1 | 2.3 | 0.1 | 2.2  | 0.4  | 0.1    | 0.2   | 92.6 | 2.1 | 5.3  | 0.068 | 0.548 | 14.960406             | -92.151319 |

16 C A R R : Tapanatepec - Tuxtla Gutiérrez

CLAVE: 00060

RUTA: MEX-190

AÑO : 2011

| L U G A R                         | E S T A C I O N |    |    |      | C L A S I F I C A C I O N V E H I C U L A R E N P O R C I E N T O |      |     |     |     |      |      |        |       |      |     |      |       |       | C O O R D E N A D A S |            |
|-----------------------------------|-----------------|----|----|------|-------------------------------------------------------------------|------|-----|-----|-----|------|------|--------|-------|------|-----|------|-------|-------|-----------------------|------------|
|                                   | KM              | TE | SC | TDPA | M                                                                 | A    | B   | C2  | C3  | T3S2 | T3S3 | T3S2R4 | OTROS | A    | B   | C    | K'    | D     | LATITUD               | LONGITUD   |
| Tapanatepec                       | 0.00            | 3  | 0  | 2876 | 3.6                                                               | 76.4 | 3.7 | 4.1 | 2.9 | 4.0  | 2.8  | 1.4    | 1.1   | 80.0 | 3.7 | 16.3 | 0.082 | 0.505 | 16.371047             | -94.184823 |
| Lim. Edos. Term. Oax. Ppia. Chis. | 17.90           |    |    |      |                                                                   |      |     |     |     |      |      |        |       |      |     |      |       |       |                       |            |
| Rizo de Oro                       | 26.60           | 1  | 0  | 1655 | 1.9                                                               | 77.5 | 4.8 | 4.9 | 3.0 | 3.3  | 2.6  | 1.4    | 0.6   | 79.4 | 4.8 | 15.8 | 0.064 | 0.504 | 16.472830             | -94.088623 |
| T. Der. Arriaga                   | 56.80           | 1  | 0  | 2000 | 1.9                                                               | 80.3 | 4.6 | 5.0 | 2.4 | 2.3  | 2.1  | 1.2    | 0.2   | 82.2 | 4.6 | 13.2 | 0.082 | 0.503 | 16.570378             | -93.847446 |
| T. Der. Arriaga                   | 56.80           | 3  | 0  | 3801 | 1.5                                                               | 78.1 | 5.0 | 5.5 | 2.9 | 3.2  | 1.8  | 1.1    | 0.9   | 79.6 | 5.0 | 15.4 | 0.079 | 0.503 | 16.573416             | -93.842812 |
| T. Der. Jiquipilas                | 82.00           | 1  | 0  | 7046 | 2.5                                                               | 79.6 | 4.3 | 5.6 | 1.9 | 3.7  | 1.0  | 0.6    | 0.8   | 82.1 | 4.3 | 13.6 | 0.075 | 0.502 | 16.687837             | -93.667303 |
| T. Der. Jiquipilas                | 82.00           | 3  | 0  | 4917 | 1.5                                                               | 78.8 | 4.2 | 6.6 | 2.8 | 3.6  | 1.3  | 0.7    | 0.5   | 80.3 | 4.2 | 15.5 | 0.076 | 0.501 | 16.688338             | -93.665576 |
| Ocozacoautla                      | 123.29          | 1  | 0  | 3643 | 2.9                                                               | 77.1 | 5.1 | 6.4 | 2.9 | 3.2  | 1.4  | 0.8    | 0.2   | 80.0 | 5.1 | 14.9 | 0.085 | 0.513 | 16.772353             | -93.391553 |

OAXACA

| 16                               | C A R R : Tapanatepec - Tuxtla Gutiérrez |  |  |                 | CLAVE: 00060 |   |       |                                      | RUTA: MEX-190 |     |      |     | AÑO : 2011 |     |     |     |      |      |        |       |       |                       |            |
|----------------------------------|------------------------------------------|--|--|-----------------|--------------|---|-------|--------------------------------------|---------------|-----|------|-----|------------|-----|-----|-----|------|------|--------|-------|-------|-----------------------|------------|
| L U G A R                        |                                          |  |  | E S T A C I O N |              |   |       | CLASIFICACION VEHICULAR EN PORCIENTO |               |     |      |     |            |     |     |     |      |      |        |       |       | C O O R D E N A D A S |            |
|                                  |                                          |  |  |                 |              |   |       | KM                                   | TE            | SC  | TDPA | M   | A          | B   | C2  | C3  | T3S2 | T3S3 | T3S2R4 | OTROS | A     |                       |            |
| Ocozocoautla                     |                                          |  |  | 123.29          | 3            | 0 | 4695  | 3.3                                  | 82.5          | 5.2 | 5.7  | 0.2 | 2.2        | 0.4 | 0.1 | 0.4 | 85.8 | 5.2  | 9.0    | 0.074 | 0.521 | 16.757856             | -93.362255 |
| T. Izq. Aeropuerto               |                                          |  |  | 132.70          | 1            | 0 | 4600  | 2.9                                  | 83.3          | 5.9 | 5.0  | 0.1 | 1.9        | 0.3 | 0.1 | 0.5 | 86.2 | 5.9  | 7.9    | 0.075 | 0.533 | 16.752768             | -93.340689 |
| T. Izq. Berriozábal (1º Acceso)  |                                          |  |  | 136.40          | 1            | 1 | 7241  | 1.0                                  | 80.2          | 5.3 | 6.3  | 1.6 | 2.3        | 1.1 | 1.8 | 0.4 | 81.2 | 5.3  | 13.5   | 0.102 | 0.503 | 16.767854             | -93.293545 |
| T. Izq. Berriozábal (1º Acceso)  |                                          |  |  | 136.40          | 1            | 2 | 7160  | 0.9                                  | 78.5          | 5.7 | 6.9  | 1.8 | 2.6        | 1.1 | 2.1 | 0.4 | 79.4 | 5.7  | 14.9   | 0.089 | 0.503 | 16.767870             | -93.293533 |
| T. Izq. Berriozábal (1º Acceso)  |                                          |  |  | 136.40          | 3            | 1 | 8132  | 0.9                                  | 81.7          | 4.7 | 5.8  | 1.8 | 2.0        | 1.0 | 1.7 | 0.4 | 82.6 | 4.7  | 12.7   | 0.097 | 0.507 | 16.769045             | -93.279273 |
| T. Izq. Berriozábal (1º Acceso)  |                                          |  |  | 136.40          | 3            | 2 | 7898  | 0.8                                  | 79.6          | 5.3 | 6.6  | 2.0 | 2.3        | 1.1 | 1.9 | 0.4 | 80.4 | 5.3  | 14.3   | 0.085 | 0.507 | 16.769032             | -93.279298 |
| T. Izq. San Fernando             |                                          |  |  | 151.70          | 1            | 1 | 12089 | 1.1                                  | 83.3          | 4.4 | 5.3  | 0.9 | 2.0        | 1.5 | 1.0 | 0.5 | 84.4 | 4.4  | 11.2   | 0.086 | 0.519 | 16.770219             | -93.196224 |
| T. Izq. San Fernando             |                                          |  |  | 151.70          | 1            | 2 | 11224 | 1.4                                  | 81.9          | 4.5 | 5.7  | 1.1 | 2.1        | 1.6 | 1.1 | 0.6 | 83.3 | 4.5  | 12.2   | 0.089 | 0.519 | 16.770214             | -93.196189 |
| Tuxtla Gutiérrez                 |                                          |  |  | 159.00          | 1            | 1 | 9820  | 1.3                                  | 84.0          | 4.4 | 5.1  | 1.3 | 1.8        | 1.1 | 0.5 | 0.5 | 85.3 | 4.4  | 10.3   | 0.083 | 0.507 | 16.767605             | -93.192835 |
| Tuxtla Gutiérrez                 |                                          |  |  | 159.00          | 1            | 2 | 9556  | 1.3                                  | 82.5          | 4.9 | 5.5  | 1.5 | 2.0        | 1.3 | 0.5 | 0.5 | 83.8 | 4.9  | 11.3   | 0.088 | 0.507 | 16.767733             | -93.192806 |
| 17                               | C A R R : Tehuacán - Huajuapán de León   |  |  |                 | CLAVE: 00211 |   |       |                                      | RUTA: MEX-125 |     |      |     | AÑO : 2011 |     |     |     |      |      |        |       |       |                       |            |
| L U G A R                        |                                          |  |  | E S T A C I O N |              |   |       | CLASIFICACION VEHICULAR EN PORCIENTO |               |     |      |     |            |     |     |     |      |      |        |       |       | C O O R D E N A D A S |            |
|                                  |                                          |  |  |                 |              |   |       | KM                                   | TE            | SC  | TDPA | M   | A          | B   | C2  | C3  | T3S2 | T3S3 | T3S2R4 | OTROS | A     |                       |            |
| Tehuacán                         |                                          |  |  | 0.00            | 3            | 1 | 3408  | 3.7                                  | 80.2          | 4.4 | 6.3  | 2.0 | 1.8        | 0.8 | 0.3 | 0.5 | 83.9 | 4.4  | 11.7   | 0.073 | 0.506 | 18.430414             | -97.411160 |
| Tehuacán                         |                                          |  |  | 0.00            | 3            | 2 | 3332  | 4.0                                  | 78.2          | 4.9 | 6.8  | 2.3 | 2.0        | 0.9 | 0.3 | 0.6 | 82.2 | 4.9  | 12.9   | 0.076 | 0.506 | 18.430413             | -97.411160 |
| Zapotitlán Salinas               |                                          |  |  | 28.00           | 1            | 0 | 2299  | 2.7                                  | 75.8          | 6.8 | 7.6  | 1.7 | 3.0        | 1.0 | 0.8 | 0.6 | 78.5 | 6.8  | 14.7   | 0.084 | 0.507 | 18.333410             | -97.465786 |
| Lim. Edos. Term. Pue. Ppia. Oax. |                                          |  |  | 55.80           |              |   |       |                                      |               |     |      |     |            |     |     |     |      |      |        |       |       |                       |            |
| Santiago Chazumba                |                                          |  |  | 63.02           | 1            | 0 | 1274  | 1.5                                  | 80.7          | 4.6 | 4.6  | 2.8 | 2.9        | 1.5 | 1.0 | 0.4 | 82.2 | 4.6  | 13.2   | 0.092 | 0.501 | 18.198577             | -97.679675 |
| Santiago Chazumba                |                                          |  |  | 63.02           | 3            | 0 | 1275  | 1.7                                  | 80.8          | 3.9 | 4.1  | 3.2 | 3.2        | 1.9 | 1.0 | 0.2 | 82.5 | 3.9  | 13.6   | 0.093 | 0.505 | 18.184976             | -97.679491 |
| T. Izq. Santa María Camotlán     |                                          |  |  | 103.13          | 1            | 0 | 1401  | 1.5                                  | 80.2          | 4.4 | 4.5  | 3.1 | 3.4        | 1.7 | 1.0 | 0.2 | 81.7 | 4.4  | 13.9   | 0.099 | 0.508 | 17.906054             | -97.693279 |
| T. C. Huajuapán de León - Oaxaca |                                          |  |  | 119.40          | 1            | 0 | 7402  | 2.9                                  | 78.7          | 4.3 | 4.7  | 3.5 | 3.3        | 1.3 | 0.9 | 0.4 | 81.6 | 4.3  | 14.1   | 0.094 | 0.502 | 17.821528             | -97.758925 |
| 18                               | C A R R : Tuxtepec - Ent. Palomares      |  |  |                 | CLAVE: 00180 |   |       |                                      | RUTA: MEX-147 |     |      |     | AÑO : 2011 |     |     |     |      |      |        |       |       |                       |            |
| L U G A R                        |                                          |  |  | E S T A C I O N |              |   |       | CLASIFICACION VEHICULAR EN PORCIENTO |               |     |      |     |            |     |     |     |      |      |        |       |       | C O O R D E N A D A S |            |
|                                  |                                          |  |  |                 |              |   |       | KM                                   | TE            | SC  | TDPA | M   | A          | B   | C2  | C3  | T3S2 | T3S3 | T3S2R4 | OTROS | A     |                       |            |
| T. C. Tuxtepec - Oaxaca          |                                          |  |  | 0.00            | 3            | 0 | 4158  | 3.7                                  | 76.2          | 7.2 | 7.4  | 1.0 | 3.4        | 0.6 | 0.1 | 0.4 | 79.9 | 7.2  | 12.9   | 0.073 | 0.511 | 18.038334             | -96.161593 |
| X. C. El Rodeo - Reforma         |                                          |  |  | 15.20           | 3            | 0 | 2428  | 3.8                                  | 75.3          | 7.0 | 7.0  | 1.6 | 3.3        | 1.0 | 0.3 | 0.7 | 79.1 | 7.0  | 13.9   | 0.077 | 0.504 | 17.950384             | -96.071572 |
| Lim. Edos. Term. Oax. Ppia. Ver. |                                          |  |  | 40.00           |              |   |       |                                      |               |     |      |     |            |     |     |     |      |      |        |       |       |                       |            |
| X. C. Playa Vicente - El Tomate  |                                          |  |  | 48.16           | 1            | 0 | 1971  | 2.3                                  | 74.4          | 7.5 | 7.9  | 2.6 | 3.3        | 1.5 | 0.1 | 0.4 | 76.7 | 7.5  | 15.8   | 0.079 | 0.512 | 17.783660             | -95.833280 |
| X. C. Playa Vicente - El Tomate  |                                          |  |  | 48.16           | 3            | 0 | 2515  | 1.8                                  | 82.1          | 3.8 | 5.9  | 1.5 | 3.0        | 1.2 | 0.1 | 0.6 | 83.9 | 3.8  | 12.3   | 0.089 | 0.500 | 17.783192             | -95.830365 |
| T. Der. Xochiapa                 |                                          |  |  | 65.00           | 3            | 0 | 1507  | 2.8                                  | 78.6          | 4.9 | 5.6  | 2.6 | 3.8        | 1.5 | 0.1 | 0.1 | 81.4 | 4.9  | 13.7   | 0.083 | 0.502 | 17.703047             | -95.733086 |
| T. Izq. San Juan Evangelista     |                                          |  |  | 81.20           | 1            | 0 | 1291  | 2.3                                  | 76.5          | 4.5 | 7.0  | 2.6 | 4.7        | 1.6 | 0.2 | 0.6 | 78.8 | 4.5  | 16.7   | 0.078 | 0.507 | 17.615395             | -95.635642 |

## OAXACA

18 CARR: Tuxtepec - Ent. Palomares

CLAVE: 00180

RUTA: MEX-147

AÑO: 2011

| LUGAR                             | ESTACION |    |    |      | CLASIFICACION VEHICULAR EN PORCIENTO |      |     |     |     |      |      |        |       |      |     |      |       |       | COORDENADAS |            |
|-----------------------------------|----------|----|----|------|--------------------------------------|------|-----|-----|-----|------|------|--------|-------|------|-----|------|-------|-------|-------------|------------|
|                                   | KM       | TE | SC | TDPA | M                                    | A    | B   | C2  | C3  | T3S2 | T3S3 | T3S2R4 | OTROS | A    | B   | C    | K'    | D     | LATITUD     | LONGITUD   |
| Lim. Edos. Term. Ver. Ppia. Oax.  | 87.00    |    |    |      |                                      |      |     |     |     |      |      |        |       |      |     |      |       |       |             |            |
| María Lombardo de Caso            | 110.50   | 1  | 0  | 2377 | 4.0                                  | 81.8 | 5.1 | 3.9 | 1.2 | 2.6  | 0.9  | 0.3    | 0.2   | 85.8 | 5.1 | 9.1  | 0.099 | 0.503 | 17.452380   | -95.432862 |
| T. C. Coatzacoalcos - Salina Cruz | 175.00   | 1  | 0  | 1594 | 5.8                                  | 78.2 | 5.4 | 3.4 | 1.3 | 2.6  | 1.3  | 1.4    | 0.6   | 84.0 | 5.4 | 10.6 | 0.111 | 0.512 | 17.138800   | -95.065849 |

19 CARR: Tuxtepec - T. C. (Oaxaca - Tehuantepec)

CLAVE: 20090

RUTA: MEX-175

AÑO: 2011

| LUGAR                      | ESTACION |    |    |      | CLASIFICACION VEHICULAR EN PORCIENTO |      |     |     |     |      |      |        |       |      |     |      |       |       | COORDENADAS |            |
|----------------------------|----------|----|----|------|--------------------------------------|------|-----|-----|-----|------|------|--------|-------|------|-----|------|-------|-------|-------------|------------|
|                            | KM       | TE | SC | TDPA | M                                    | A    | B   | C2  | C3  | T3S2 | T3S3 | T3S2R4 | OTROS | A    | B   | C    | K'    | D     | LATITUD     | LONGITUD   |
| Tuxtepec                   | 0.00     | 3  | 1  | 6715 | 0.6                                  | 86.2 | 3.8 | 5.2 | 0.6 | 1.0  | 0.8  | 1.1    | 0.7   | 86.8 | 3.8 | 9.4  | 0.073 | 0.533 | 18.058655   | -96.150415 |
| Tuxtepec                   | 0.00     | 3  | 2  | 5876 | 0.6                                  | 84.8 | 3.9 | 6.0 | 0.7 | 1.0  | 0.8  | 1.2    | 1.0   | 85.4 | 3.9 | 10.7 | 0.083 | 0.533 | 18.058655   | -96.150414 |
| T. Izq. Palomares          | 5.75     | 3  | 0  | 4939 | 1.3                                  | 80.5 | 7.2 | 5.7 | 0.9 | 1.9  | 0.8  | 1.0    | 0.7   | 81.8 | 7.2 | 11.0 | 0.084 | 0.507 | 18.034398   | -96.164690 |
| San José Chiltepec         | 17.93    | 3  | 0  | 3086 | 9.1                                  | 78.4 | 4.0 | 4.2 | 0.9 | 1.8  | 0.6  | 0.5    | 0.5   | 87.5 | 4.0 | 8.5  | 0.093 | 0.513 | 17.944151   | -96.173068 |
| Valle Nacional             | 47.07    | 1  | 0  | 2656 | 3.6                                  | 83.0 | 4.1 | 6.5 | 0.7 | 1.5  | 0.3  | 0.1    | 0.2   | 86.6 | 4.1 | 9.3  | 0.085 | 0.510 | 17.780993   | -96.291092 |
| Valle Nacional             | 47.07    | 3  | 0  | 1843 | 15.6                                 | 70.1 | 4.4 | 6.4 | 0.9 | 2.0  | 0.3  | 0.1    | 0.2   | 85.7 | 4.4 | 9.9  | 0.080 | 0.511 | 17.767331   | -96.310698 |
| La Esperanza               | 79.85    | 3  | 0  | 431  | 0.4                                  | 77.8 | 5.7 | 8.7 | 3.8 | 0.1  | 1.6  | 1.0    | 0.9   | 78.2 | 5.7 | 16.1 | 0.107 | 0.506 | 17.624544   | -96.366463 |
| Puerta del Sol             | 125.00   | 3  | 0  | 541  | 0.4                                  | 83.7 | 4.1 | 8.7 | 1.7 | 0.9  | 0.4  | 0.0    | 0.1   | 84.1 | 4.1 | 11.8 | 0.129 | 0.519 | 17.527138   | -96.510983 |
| T. Der. Ixtepeji           | 181.39   | 3  | 0  | 1866 | 1.0                                  | 82.2 | 5.9 | 7.5 | 1.1 | 1.8  | 0.4  | 0.0    | 0.1   | 83.2 | 5.9 | 10.9 | 0.101 | 0.506 | 17.238091   | -96.564635 |
| T. Izq. Yuvila             | 193.67   | 1  | 0  | 1972 | 0.9                                  | 77.6 | 7.8 | 9.3 | 1.0 | 1.7  | 1.1  | 0.1    | 0.5   | 78.5 | 7.8 | 13.7 | 0.093 | 0.513 | 17.176272   | -96.605598 |
| T. C. Oaxaca - Tehuantepec | 212.70   | 1  | 1  | 4926 | 3.2                                  | 80.3 | 7.8 | 7.0 | 0.3 | 0.7  | 0.4  | 0.1    | 0.2   | 83.5 | 7.8 | 8.7  | 0.089 | 0.506 | 17.067519   | -96.677002 |
| T. C. Oaxaca - Tehuantepec | 212.70   | 1  | 2  | 4812 | 3.6                                  | 78.6 | 8.4 | 7.7 | 0.3 | 0.7  | 0.4  | 0.1    | 0.2   | 82.2 | 8.4 | 9.4  | 0.095 | 0.506 | 17.067519   | -96.677002 |

20 CARR: Yucudaa - Santiago Pinotepa Nacional

CLAVE: 20030

RUTA: MEX-125

AÑO: 2011

| LUGAR                                | ESTACION |    |    |      | CLASIFICACION VEHICULAR EN PORCIENTO |      |     |     |     |      |      |        |       |      |     |      |       |       | COORDENADAS |            |
|--------------------------------------|----------|----|----|------|--------------------------------------|------|-----|-----|-----|------|------|--------|-------|------|-----|------|-------|-------|-------------|------------|
|                                      | KM       | TE | SC | TDPA | M                                    | A    | B   | C2  | C3  | T3S2 | T3S3 | T3S2R4 | OTROS | A    | B   | C    | K'    | D     | LATITUD     | LONGITUD   |
| T. C. Huajuapán de León - Oaxaca     | 0.00     | 3  | 0  | 2329 | 0.5                                  | 84.6 | 3.8 | 3.6 | 2.6 | 2.8  | 1.3  | 0.3    | 0.5   | 85.1 | 3.8 | 11.1 | 0.082 | 0.503 | 17.572249   | -97.424142 |
| Yolomécatl                           | 24.40    | 3  | 0  | 2432 | 0.6                                  | 85.3 | 3.4 | 3.6 | 2.4 | 3.0  | 1.1  | 0.3    | 0.3   | 85.9 | 3.4 | 10.7 | 0.083 | 0.501 | 17.463118   | -97.573632 |
| Tlaxiaco                             | 57.00    | 3  | 0  | 3002 | 0.9                                  | 85.7 | 3.4 | 3.7 | 2.1 | 2.7  | 0.8  | 0.1    | 0.6   | 86.6 | 3.4 | 10.0 | 0.084 | 0.501 | 17.235002   | -97.701003 |
| T. Der. Santiago Juxcatlán           | 104.00   | 1  | 0  | 1191 | 0.3                                  | 85.4 | 4.1 | 4.0 | 2.2 | 2.9  | 0.6  | 0.1    | 0.4   | 85.7 | 4.1 | 10.2 | 0.067 | 0.509 | 17.152445   | -97.890280 |
| Putla de Guerrero                    | 145.00   | 1  | 0  | 2130 | 3.4                                  | 84.2 | 3.5 | 3.7 | 1.3 | 2.6  | 0.7  | 0.1    | 0.5   | 87.6 | 3.5 | 8.9  | 0.083 | 0.502 | 17.038696   | -97.914932 |
| Cacahuatpec                          | 229.00   | 1  | 0  | 1500 | 4.0                                  | 84.9 | 4.3 | 3.4 | 1.2 | 1.8  | 0.2  | 0.0    | 0.2   | 88.9 | 4.3 | 6.8  | 0.096 | 0.502 | 16.622802   | -98.148608 |
| T. C. Las Cruces - Pinotepa Nacional | 268.00   | 1  | 0  | 3052 | 4.0                                  | 84.1 | 4.1 | 4.3 | 0.5 | 2.0  | 0.6  | 0.0    | 0.4   | 88.1 | 4.1 | 7.8  | 0.086 | 0.501 | 16.381445   | -98.091215 |

## OAXACA

21 C A R R : Cuacnopalan - Oaxaca (Cuota)

CLAVE: 00109

RUTA: MEX-135D

AÑO : 2011

| L U G A R                          | E S T A C I O N |    |    |       | C L A S I F I C A C I O N V E H I C U L A R E N P O R C I E N T O |      |     |      |     |      |      |        |       |      | C O O R D E N A D A S |      |       |       |           |            |
|------------------------------------|-----------------|----|----|-------|-------------------------------------------------------------------|------|-----|------|-----|------|------|--------|-------|------|-----------------------|------|-------|-------|-----------|------------|
|                                    | KM              | TE | SC | TDPA  | M                                                                 | A    | B   | C2   | C3  | T3S2 | T3S3 | T3S2R4 | OTROS | A    | B                     | C    | K'    | D     | LATITUD   | LONGITUD   |
| T. C. Puebla - Córdoba (Cuota)     | 0.00            | 3  | 0  | 7833  | 0.6                                                               | 73.2 | 4.6 | 6.4  | 4.3 | 5.7  | 1.6  | 3.0    | 0.6   | 73.8 | 4.6                   | 21.6 | 0.080 | 0.501 | 18.820117 | -97.491263 |
| T. Der. Cuacnopalan                | 1.80            | 3  | 0  | 7521  | 0.4                                                               | 71.3 | 6.4 | 10.5 | 2.4 | 4.8  | 1.4  | 2.3    | 0.5   | 71.7 | 6.4                   | 21.9 | 0.080 | 0.508 | 18.812607 | -97.490817 |
| T. C. Puebla - Tehuacán            | 40.00           | 3  | 0  | 7690  | 1.2                                                               | 68.0 | 6.9 | 8.6  | 3.1 | 5.8  | 2.9  | 2.8    | 0.7   | 69.2 | 6.9                   | 23.9 | 0.067 | 0.501 | 18.483656 | -97.456579 |
| Caseta de Cobro Tehuacán           | 41.05           | 2  | 0  | 7712  | 0.1                                                               | 73.9 | 7.3 | 5.8  | 4.7 | 4.1  | 0.9  | 2.7    | 0.5   | 74.0 | 7.3                   | 18.7 | 0.076 |       | 18.487160 | -97.456032 |
| X. C. Tehuacán - Huajuapán de León | 45.00           | 3  | 0  | 10756 | 2.5                                                               | 68.6 | 5.4 | 7.2  | 2.9 | 6.1  | 3.3  | 3.1    | 0.9   | 71.1 | 5.4                   | 23.5 | 0.064 | 0.501 | 18.424789 | -97.414022 |
| T. Izq. San Gabriel Chilac         | 61.00           | 3  | 0  | 9670  | 1.4                                                               | 68.4 | 4.7 | 5.8  | 5.0 | 6.9  | 3.3  | 3.5    | 1.0   | 69.8 | 4.7                   | 25.5 | 0.066 | 0.501 | 18.331797 | -97.369221 |
| Caseta de Cobro Miahuatlán         | 71.42           | 2  | 0  | 4291  | 0.2                                                               | 68.8 | 8.6 | 6.4  | 6.8 | 4.5  | 1.2  | 3.0    | 0.5   | 69.0 | 8.6                   | 22.4 | 0.068 |       | 18.264654 | -97.315569 |
| Lim. Edos. Term. Pue. Ppia. Oax.   | 83.50           |    |    |       |                                                                   |      |     |      |     |      |      |        |       |      |                       |      |       |       |           |            |
| Caseta de Cobro Coixtlahuaca       | 141.30          | 2  | 0  | 3622  | 0.2                                                               | 67.2 | 8.7 | 6.4  | 7.2 | 5.1  | 1.1  | 3.5    | 0.6   | 67.4 | 8.7                   | 23.9 | 0.067 |       | 17.726231 | -97.351913 |
| T. Izq. Asunción Nochistlán        | 174.90          | 1  | 0  | 4049  | 0.7                                                               | 67.9 | 7.1 | 8.6  | 4.9 | 5.5  | 1.8  | 2.6    | 0.9   | 68.6 | 7.1                   | 24.3 | 0.081 | 0.502 | 17.468007 | -97.250221 |
| T. Izq. Asunción Nochistlán        | 175.50          | 3  | 0  | 5106  | 0.4                                                               | 69.9 | 7.0 | 7.8  | 4.9 | 5.3  | 1.5  | 2.4    | 0.8   | 70.3 | 7.0                   | 22.7 | 0.081 | 0.513 | 17.456929 | -97.242585 |
| Caseta de Cobro Huitzo             | 220.00          | 2  | 0  | 5421  | 0.1                                                               | 77.3 | 6.7 | 5.1  | 4.5 | 3.2  | 0.7  | 2.0    | 0.4   | 77.4 | 6.7                   | 15.9 | 0.079 |       | 17.274916 | -96.915367 |
| T. C. Huajuapán de León - Oaxaca   | 242.70          | 1  | 1  | 3193  | 1.2                                                               | 71.4 | 6.6 | 7.5  | 4.6 | 4.9  | 1.1  | 2.1    | 0.6   | 72.6 | 6.6                   | 20.8 | 0.085 | 0.511 | 17.147460 | -96.784917 |
| T. C. Huajuapán de León - Oaxaca   | 242.70          | 1  | 2  | 3056  | 0.6                                                               | 70.8 | 7.1 | 7.6  | 5.0 | 5.1  | 1.2  | 2.1    | 0.5   | 71.4 | 7.1                   | 21.5 | 0.094 | 0.511 | 17.147462 | -96.784918 |

22 C A R R : La Ventosa - Salina Cruz (Cuota)

CLAVE: 00275

RUTA: MEX-185D

AÑO : 2011

[illegible]

23 C A R R : Cd. Ixtepec - Guevea de Humboldt

CLAVE: 00301

RUTA: OAX

AÑO : 2011

[illegible]

## OAXACA

24 C A R R : El Zapote - Copalita

CLAVE: 00109

RUTA: OAX

AÑO: 2011

| L U G A R                                      | E S T A C I O N |    |    |      | C L A S I F I C A C I O N V E H I C U L A R E N P O R C I E N T O |      |     |     |     |      |      |        |       |      |     |     |       |       | C O O R D E N A D A S |            |
|------------------------------------------------|-----------------|----|----|------|-------------------------------------------------------------------|------|-----|-----|-----|------|------|--------|-------|------|-----|-----|-------|-------|-----------------------|------------|
|                                                | KM              | TE | SC | TDPA | M                                                                 | A    | B   | C2  | C3  | T3S2 | T3S3 | T3S2R4 | OTROS | A    | B   | C   | K'    | D     | LATITUD               | LONGITUD   |
| T. C. Santiago Pinotepa Nacional - Salina Cruz | 0.00            | 3  | 0  | 2945 | 4.0                                                               | 84.2 | 4.4 | 4.7 | 0.1 | 1.6  | 0.5  | 0.1    | 0.4   | 88.2 | 4.4 | 7.4 | 0.072 | 0.505 | 15.763871             | -96.272741 |
| Copalita                                       | 43.04           |    |    |      |                                                                   |      |     |     |     |      |      |        |       |      |     |     |       |       |                       |            |

25 C A R R : Huajuapán de León - El Carrizal

CLAVE: 00109

RUTA: OAX

AÑO: 2011

| L U G A R             | E S T A C I O N |    |    |      | C L A S I F I C A C I O N V E H I C U L A R E N P O R C I E N T O |      |     |     |     |      |      |        |       |      |     |     |       |       | C O O R D E N A D A S |            |
|-----------------------|-----------------|----|----|------|-------------------------------------------------------------------|------|-----|-----|-----|------|------|--------|-------|------|-----|-----|-------|-------|-----------------------|------------|
|                       | KM              | TE | SC | TDPA | M                                                                 | A    | B   | C2  | C3  | T3S2 | T3S3 | T3S2R4 | OTROS | A    | B   | C   | K'    | D     | LATITUD               | LONGITUD   |
| Huajuapán de León     | 0.00            | 3  | 0  | 2179 | 2.5                                                               | 85.5 | 3.2 | 4.4 | 0.9 | 2.4  | 0.6  | 0.1    | 0.4   | 88.0 | 3.2 | 8.8 | 0.115 | 0.511 | 17.779557             | -97.789788 |
| San Miguel Tlacotepec | 83.60           | 1  | 0  | 1561 | 1.0                                                               | 86.1 | 3.5 | 5.0 | 1.5 | 1.7  | 0.9  | 0.1    | 0.2   | 87.1 | 3.5 | 9.4 | 0.096 | 0.506 | 17.462278             | -98.006054 |
| Santiago Juxtlahuaca  | 100.00          |    |    |      |                                                                   |      |     |     |     |      |      |        |       |      |     |     |       |       |                       |            |
| Santiago Juxtlahuaca  | 100.00          | 1  | 0  | 5256 | 1.0                                                               | 88.3 | 3.1 | 3.9 | 0.9 | 1.8  | 0.4  | 0.1    | 0.5   | 89.3 | 3.1 | 7.6 | 0.130 | 0.505 | 17.354993             | -98.015312 |
| Putla                 | 130.00          | 1  | 0  | 656  | 0.5                                                               | 87.1 | 2.9 | 4.9 | 1.7 | 1.8  | 1.0  | 0.0    | 0.1   | 87.6 | 2.9 | 9.5 | 0.075 | 0.501 | 17.153150             | -97.891950 |
| El Carrizal           | 131.30          |    |    |      |                                                                   |      |     |     |     |      |      |        |       |      |     |     |       |       |                       |            |

26 C A R R : Loma Bonita - Mixtán

CLAVE: 20043

RUTA: OAX

AÑO: 2011

| L U G A R                 | E S T A C I O N |    |    |      | C L A S I F I C A C I O N V E H I C U L A R E N P O R C I E N T O |      |     |     |     |      |      |        |       |      |     |      |       |       | C O O R D E N A D A S |            |
|---------------------------|-----------------|----|----|------|-------------------------------------------------------------------|------|-----|-----|-----|------|------|--------|-------|------|-----|------|-------|-------|-----------------------|------------|
|                           | KM              | TE | SC | TDPA | M                                                                 | A    | B   | C2  | C3  | T3S2 | T3S3 | T3S2R4 | OTROS | A    | B   | C    | K'    | D     | LATITUD               | LONGITUD   |
| Loma Bonita               | 0.00            |    |    |      |                                                                   |      |     |     |     |      |      |        |       |      |     |      |       |       |                       |            |
| X. C. Cd. Alemán - Sayula | 1.00            | 1  | 1  | 5069 | 12.5                                                              | 70.2 | 5.6 | 5.5 | 0.5 | 1.5  | 3.3  | 0.7    | 0.2   | 82.7 | 5.6 | 11.7 | 0.073 | 0.506 | 18.097740             | -95.877376 |
| X. C. Cd. Alemán - Sayula | 1.00            | 1  | 2  | 4939 | 11.2                                                              | 70.4 | 5.9 | 5.8 | 0.5 | 1.7  | 3.5  | 0.8    | 0.2   | 81.6 | 5.9 | 12.5 | 0.060 | 0.506 | 18.097741             | -95.877375 |
| X. C. Cd. Alemán - Sayula | 1.00            | 3  | 0  | 2612 | 11.7                                                              | 74.0 | 5.4 | 3.9 | 1.8 | 2.6  | 0.3  | 0.1    | 0.2   | 85.7 | 5.4 | 8.9  | 0.079 | 0.506 | 18.096230             | -95.876941 |
| T. Izq. Aeropuerto        | 12.00           | 3  | 0  | 852  | 7.3                                                               | 78.2 | 5.2 | 4.9 | 2.2 | 1.3  | 0.6  | 0.2    | 0.1   | 85.5 | 5.2 | 9.3  | 0.095 | 0.502 | 18.016542             | -95.869251 |
| Mixtán                    | 27.00           |    |    |      |                                                                   |      |     |     |     |      |      |        |       |      |     |      |       |       |                       |            |

27 C A R R : Ramal a Reforma de Pineda

CLAVE: 20010

RUTA: OAX

AÑO: 2011

| L U G A R                                | E S T A C I O N |    |    |      | C L A S I F I C A C I O N V E H I C U L A R E N P O R C I E N T O |      |     |     |     |      |      |        |       |      |     |     |       |       | C O O R D E N A D A S |            |
|------------------------------------------|-----------------|----|----|------|-------------------------------------------------------------------|------|-----|-----|-----|------|------|--------|-------|------|-----|-----|-------|-------|-----------------------|------------|
|                                          | KM              | TE | SC | TDPA | M                                                                 | A    | B   | C2  | C3  | T3S2 | T3S3 | T3S2R4 | OTROS | A    | B   | C   | K'    | D     | LATITUD               | LONGITUD   |
| T. C. La Ventosa - San Pedro Tapanatepec | 0.00            | 3  | 0  | 1050 | 3.1                                                               | 87.9 | 2.6 | 4.9 | 0.6 | 0.7  | 0.2  | 0.0    | 0.0   | 91.0 | 2.6 | 6.4 | 0.104 | 0.505 | 16.491596             | -94.427685 |
| Reforma de Pineda                        | 12.00           |    |    |      |                                                                   |      |     |     |     |      |      |        |       |      |     |     |       |       |                       |            |

## OAXACA

28 C A R R : Ramal a Unión Hidalgo

CLAVE: 20044

RUTA: OAX

AÑO : 2011

| L U G A R                                | E S T A C I O N |    |    |      | C L A S I F I C A C I O N V E H I C U L A R E N P O R C I E N T O |      |     |      |     |      |      |        |       |      |     |      |       |       | C O O R D E N A D A S |            |
|------------------------------------------|-----------------|----|----|------|-------------------------------------------------------------------|------|-----|------|-----|------|------|--------|-------|------|-----|------|-------|-------|-----------------------|------------|
|                                          | KM              | TE | SC | TDPA | M                                                                 | A    | B   | C2   | C3  | T3S2 | T3S3 | T3S2R4 | OTROS | A    | B   | C    | K'    | D     | LATITUD               | LONGITUD   |
| T. C. La Ventosa - San Pedro Tapanatepec | 0.00            | 3  | 1  | 1173 | 3.7                                                               | 89.2 | 3.1 | 3.1  | 0.4 | 0.3  | 0.1  | 0.0    | 0.1   | 92.9 | 3.1 | 4.0  | 0.100 | 0.510 | 16.575367             | -94.816303 |
| T. C. La Ventosa - San Pedro Tapanatepec | 0.00            | 3  | 2  | 1221 | 4.3                                                               | 87.7 | 3.4 | 3.6  | 0.4 | 0.4  | 0.1  | 0.0    | 0.1   | 92.0 | 3.4 | 4.6  | 0.089 | 0.510 | 16.575367             | -94.816304 |
| Unión Hidalgo                            | 12.00           | 1  | 0  | 991  | 12.2                                                              | 70.5 | 1.8 | 13.3 | 0.5 | 1.0  | 0.3  | 0.2    | 0.2   | 82.7 | 1.8 | 15.5 | 0.133 | 0.503 | 16.490366             | -94.832388 |

29 C A R R : T. C. (Oaxaca - Puerto Ángel) - Puerto Escondido

CLAVE: 20009

RUTA: MEX-OAX-161

AÑO : 2011

| L U G A R                   | E S T A C I O N |    |    |      | C L A S I F I C A C I O N V E H I C U L A R E N P O R C I E N T O |      |     |     |     |      |      |        |       |      |     |      |       |       | C O O R D E N A D A S |            |
|-----------------------------|-----------------|----|----|------|-------------------------------------------------------------------|------|-----|-----|-----|------|------|--------|-------|------|-----|------|-------|-------|-----------------------|------------|
|                             | KM              | TE | SC | TDPA | M                                                                 | A    | B   | C2  | C3  | T3S2 | T3S3 | T3S2R4 | OTROS | A    | B   | C    | K'    | D     | LATITUD               | LONGITUD   |
| T. C. Oaxaca - Puerto Ángel | 0.00            | 3  | 1  | 7030 | 1.7                                                               | 82.8 | 7.0 | 5.4 | 0.8 | 0.9  | 0.8  | 0.1    | 0.5   | 84.5 | 7.0 | 8.5  | 0.080 | 0.501 | 16.925083             | -96.707351 |
| T. C. Oaxaca - Puerto Ángel | 0.00            | 3  | 2  | 7069 | 1.7                                                               | 82.8 | 7.0 | 5.4 | 0.8 | 0.9  | 0.8  | 0.1    | 0.5   | 84.5 | 7.0 | 8.5  | 0.080 | 0.501 | 16.925083             | -96.707351 |
| T. Izq. San Pablo Huixtepec | 16.80           | 1  | 0  | 6543 | 2.5                                                               | 77.9 | 7.7 | 7.0 | 0.9 | 3.0  | 0.5  | 0.1    | 0.4   | 80.4 | 7.7 | 11.9 | 0.083 | 0.501 | 16.828120             | -96.788948 |
| T. Izq. San Pablo Huixtepec | 16.80           | 3  | 0  | 5600 | 2.4                                                               | 79.1 | 7.6 | 7.0 | 1.0 | 2.3  | 0.4  | 0.0    | 0.2   | 81.5 | 7.6 | 10.9 | 0.086 | 0.505 | 16.828120             | -96.788948 |
| T. Der. El Trapiche         | 30.00           | 1  | 0  | 3198 | 3.0                                                               | 77.6 | 7.5 | 7.3 | 1.5 | 2.3  | 0.5  | 0.0    | 0.3   | 80.6 | 7.5 | 11.9 | 0.085 | 0.505 | 16.761344             | -96.856347 |
| T. Der. El Trapiche         | 30.00           | 3  | 0  | 3364 | 3.0                                                               | 77.4 | 7.6 | 7.3 | 1.6 | 2.3  | 0.5  | 0.0    | 0.3   | 80.4 | 7.6 | 12.0 | 0.075 | 0.504 | 16.760461             | -96.859270 |
| T. Der. Cofradía San Pedro  | 53.00           | 3  | 0  | 1266 | 1.7                                                               | 78.5 | 7.3 | 7.5 | 2.1 | 1.7  | 0.9  | 0.0    | 0.3   | 80.2 | 7.3 | 12.5 | 0.075 | 0.508 | 16.600461             | -96.890897 |
| Sola de Vega                | 78.40           | 3  | 0  | 1109 | 1.5                                                               | 76.2 | 7.7 | 7.5 | 2.6 | 2.8  | 1.2  | 0.1    | 0.4   | 77.7 | 7.7 | 14.6 | 0.074 | 0.536 | 16.508961             | -96.984414 |
| T. Der. Yalotepec           | 134.50          | 1  | 0  | 853  | 1.4                                                               | 79.2 | 6.7 | 7.3 | 2.6 | 1.8  | 0.9  | 0.0    | 0.1   | 80.6 | 6.7 | 12.7 | 0.068 | 0.528 | 16.256330             | -97.151735 |
| San Gabriel Mixtepec        | 208.00          | 1  | 0  | 1142 | 4.1                                                               | 77.0 | 7.9 | 7.3 | 1.1 | 1.9  | 0.5  | 0.0    | 0.2   | 81.1 | 7.9 | 11.0 | 0.080 | 0.517 | 16.093544             | -97.075254 |
| Puerto Escondido            | 248.00          | 1  | 0  | 3634 | 7.0                                                               | 74.2 | 7.5 | 6.1 | 0.8 | 2.8  | 0.7  | 0.2    | 0.7   | 81.2 | 7.5 | 11.3 | 0.076 | 0.505 | 15.892686             | -97.077080 |

30 C A R R : Tehuacán - Huitzo

CLAVE: 00211

RUTA: PUE-MEX-135

AÑO : 2011

| L U G A R                        | E S T A C I O N |    |    |      | C L A S I F I C A C I O N V E H I C U L A R E N P O R C I E N T O |      |     |      |     |      |      |        |       |      |     |      |       |       | C O O R D E N A D A S |            |
|----------------------------------|-----------------|----|----|------|-------------------------------------------------------------------|------|-----|------|-----|------|------|--------|-------|------|-----|------|-------|-------|-----------------------|------------|
|                                  | KM              | TE | SC | TDPA | M                                                                 | A    | B   | C2   | C3  | T3S2 | T3S3 | T3S2R4 | OTROS | A    | B   | C    | K'    | D     | LATITUD               | LONGITUD   |
| Tehuacán                         | 0.00            | 3  | 0  | 6966 | 2.2                                                               | 82.6 | 4.4 | 3.5  | 1.2 | 2.9  | 1.7  | 0.6    | 0.9   | 84.8 | 4.4 | 10.8 | 0.073 | 0.524 | 18.460667             | -97.370651 |
| T. Der. San Gabriel Chilac       | 14.40           | 1  | 0  | 7462 | 2.6                                                               | 81.2 | 4.6 | 3.4  | 1.4 | 3.2  | 1.8  | 0.9    | 0.9   | 83.8 | 4.6 | 11.6 | 0.059 | 0.501 | 18.405066             | -97.329967 |
| San Sebastián Zinacatepec        | 23.00           | 3  | 0  | 5102 | 3.4                                                               | 80.5 | 4.3 | 3.3  | 1.7 | 3.3  | 1.8  | 0.8    | 0.9   | 83.9 | 4.3 | 11.8 | 0.066 | 0.500 | 18.325467             | -97.229870 |
| Lim. Edos. Term. Pue. Ppia. Oax. | 60.90           |    |    |      |                                                                   |      |     |      |     |      |      |        |       |      |     |      |       |       |                       |            |
| Teotitlán del Camino             | 63.15           | 3  | 0  | 2151 | 5.0                                                               | 80.3 | 3.4 | 9.6  | 0.3 | 1.1  | 0.2  | 0.0    | 0.1   | 85.3 | 3.4 | 11.3 | 0.081 | 0.507 | 18.121998             | -97.073853 |
| Santa María Tecomavaca           | 88.34           | 1  | 0  | 1127 | 2.6                                                               | 82.4 | 3.0 | 9.5  | 1.2 | 0.8  | 0.5  | 0.0    | 0.0   | 85.0 | 3.0 | 12.0 | 0.075 | 0.515 | 17.964465             | -97.035074 |
| Santa María Tecomavaca           | 88.34           | 3  | 0  | 953  | 3.1                                                               | 81.6 | 3.1 | 9.7  | 1.1 | 0.9  | 0.5  | 0.0    | 0.0   | 84.7 | 3.1 | 12.2 | 0.077 | 0.516 | 17.949532             | -97.022335 |
| T. Izq. Cuicatlán                | 118.80          | 1  | 0  | 1392 | 3.8                                                               | 79.5 | 3.3 | 11.0 | 1.1 | 1.0  | 0.3  | 0.0    | 0.0   | 83.3 | 3.3 | 13.4 | 0.097 | 0.509 | 17.793776             | -96.959539 |
| T. Izq. Nacaltepec               | 169.84          | 1  | 0  | 619  | 0.7                                                               | 84.5 | 3.1 | 9.0  | 1.6 | 0.7  | 0.3  | 0.0    | 0.1   | 85.2 | 3.1 | 11.7 | 0.087 | 0.502 | 17.505984             | -96.934007 |
| T. C. Huajuapán de León - Oaxaca | 202.70          | 1  | 0  | 5911 | 1.8                                                               | 80.3 | 3.0 | 8.9  | 1.3 | 3.5  | 0.5  | 0.1    | 0.6   | 82.1 | 3.0 | 14.9 | 0.070 | 0.503 | 17.286924             | -96.903532 |

OAXACA

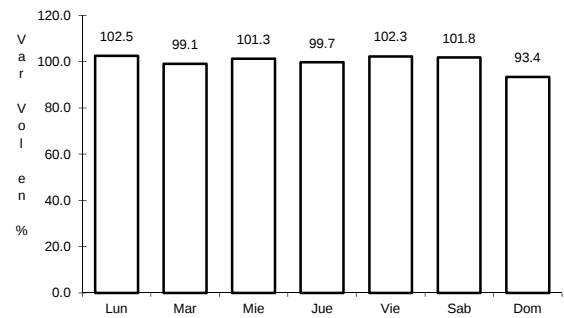
| 31                               | C A R R : Teotitlán de Flores Magón - Tuxtepec |  |  |  |                 |    |    |      |                                      |      | CLAVE: 00108 |     |     |      |      | RUTA: OAX-PUE-MEX-182 |       |      |                       |      | AÑO : 2011 |       |           |            |
|----------------------------------|------------------------------------------------|--|--|--|-----------------|----|----|------|--------------------------------------|------|--------------|-----|-----|------|------|-----------------------|-------|------|-----------------------|------|------------|-------|-----------|------------|
| L U G A R                        |                                                |  |  |  | E S T A C I O N |    |    |      | CLASIFICACION VEHICULAR EN PORCIENTO |      |              |     |     |      |      |                       |       |      | C O O R D E N A D A S |      |            |       |           |            |
|                                  |                                                |  |  |  | KM              | TE | SC | TDPA | M                                    | A    | B            | C2  | C3  | T3S2 | T3S3 | T3S2R4                | OTROS | A    | B                     | C    | K'         | D     | LATITUD   | LONGITUD   |
| Teotitlán del Camino             |                                                |  |  |  | 0.00            | 3  | 0  | 1151 | 0.5                                  | 82.7 | 6.1          | 7.7 | 1.7 | 0.9  | 0.3  | 0.0                   | 0.1   | 83.2 | 6.1                   | 10.7 | 0.084      | 0.524 | 18.139906 | -97.062882 |
| Lim. Edos. Term. Oax. Ppia. Pue. |                                                |  |  |  | 2.00            |    |    |      |                                      |      |              |     |     |      |      |                       |       |      |                       |      |            |       |           |            |
| Lim. Edos. Term. Pue. Ppia. Oax. |                                                |  |  |  | 10.00           |    |    |      |                                      |      |              |     |     |      |      |                       |       |      |                       |      |            |       |           |            |
| Huautla                          |                                                |  |  |  | 65.00           | 1  | 0  | 1258 | 0.8                                  | 83.3 | 6.6          | 6.4 | 0.9 | 1.4  | 0.4  | 0.1                   | 0.1   | 84.1 | 6.6                   | 9.3  | 0.091      | 0.506 | 18.125546 | -96.846085 |
| San Felipe Jalapa de Díaz        |                                                |  |  |  | 140.00          | 3  | 0  | 3354 | 3.1                                  | 82.5 | 4.6          | 5.6 | 1.5 | 2.2  | 0.3  | 0.0                   | 0.2   | 85.6 | 4.6                   | 9.8  | 0.087      | 0.508 | 18.081691 | -96.522705 |
| Tuxtepec                         |                                                |  |  |  | 185.00          | 1  | 0  | 6988 | 11.9                                 | 70.9 | 4.3          | 7.6 | 1.3 | 2.9  | 0.4  | 0.1                   | 0.6   | 82.8 | 4.3                   | 12.9 | 0.078      | 0.503 | 18.086190 | -96.153689 |



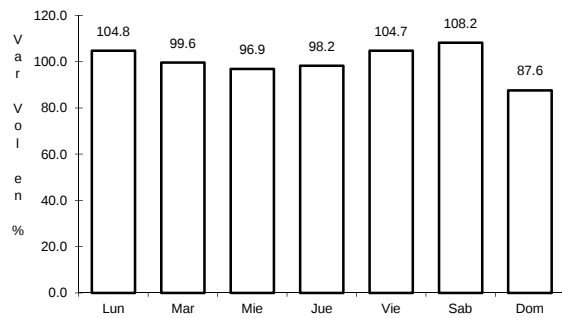
4 CARR: Huajuapán de León - Oaxaca

CLAVE: 20056

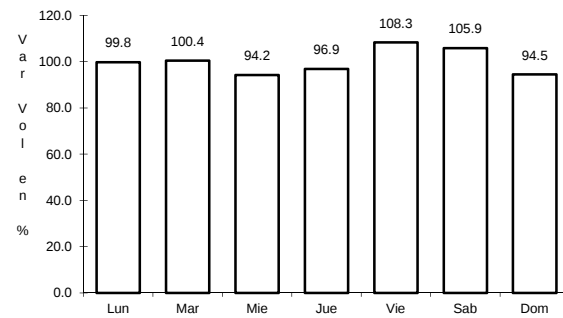
ruta: MEX-190



Km: 1.35      Tipo: 1      Sent: 0



Km: 190.60      Tipo: 1      Sent: 1

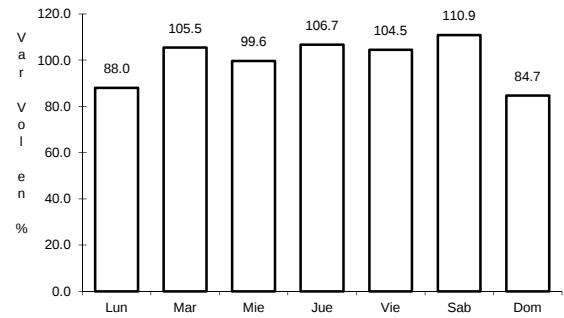


Km: 190.60      Tipo: 1      Sent: 2

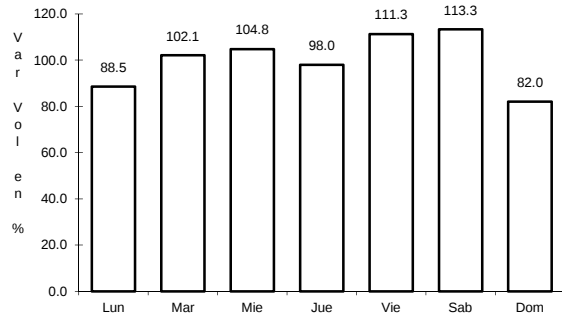
5 CARR: Juchitán - Ixtepec

CLAVE: 20359

ruta: MEX-185



Km: 0.15      Tipo: 3      Sent: 1

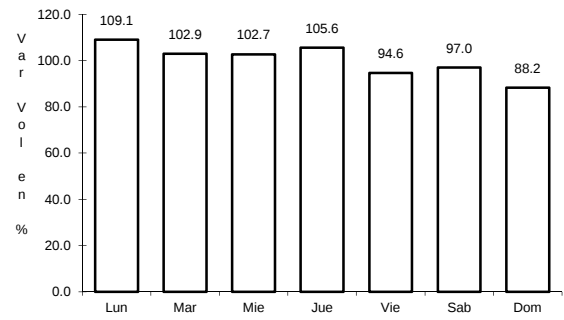


Km: 0.15      Tipo: 3      Sent: 2

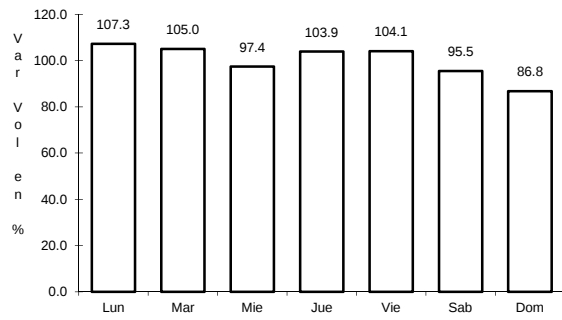
6 CARR: La Granja - Temascal

CLAVE: 00275

ruta: MEX-145



Km: 0.00      Tipo: 3      Sent: 0



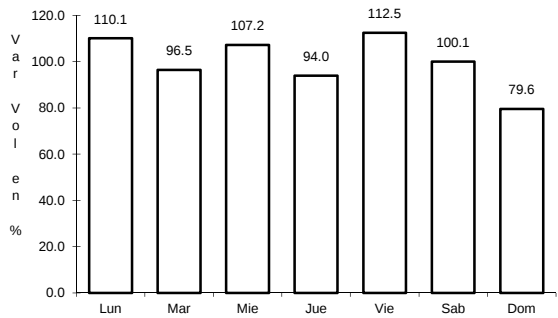
Km: 23.00      Tipo: 1      Sent: 0



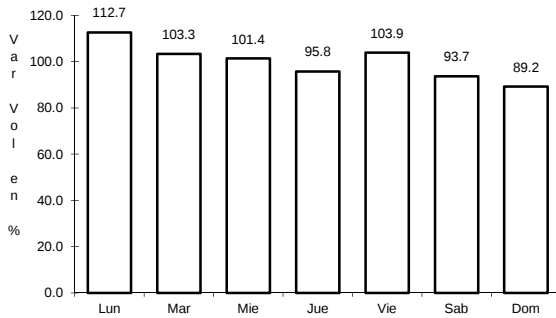
10 CARR: Oaxaca - Tehuantepec

CLAVE: 20057

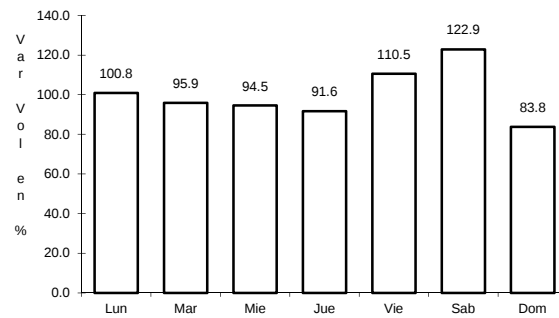
ruta: MEX-190



Km: 0.00      Tipo: 3      Sent: 1



Km: 0.00      Tipo: 3      Sent: 2

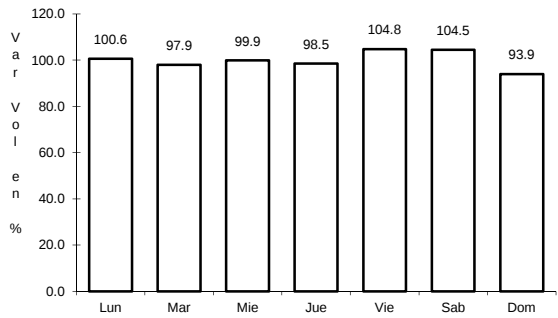


Km: 250.60      Tipo: 1      Sent: 0

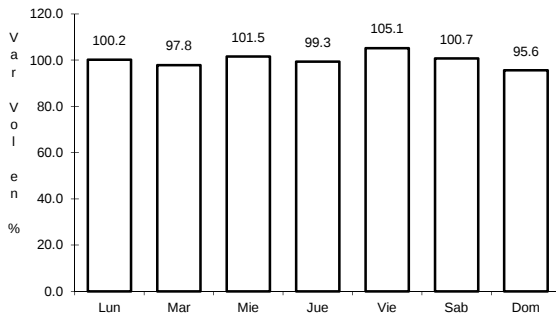
11 CARR: Puebla - Huajuapán de León

CLAVE: 00049

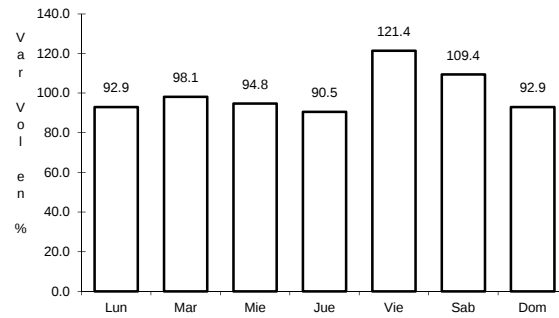
ruta: MEX-190



Km: 0.00      Tipo: 3      Sent: 1



Km: 0.00      Tipo: 3      Sent: 2

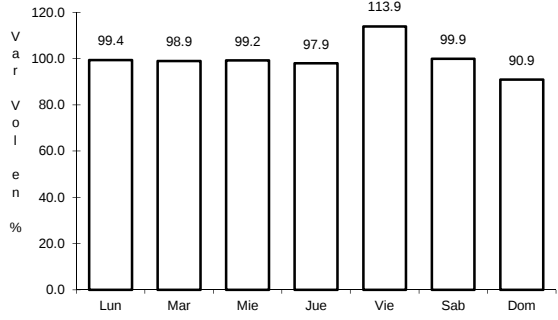


Km: 219.30      Tipo: 1      Sent: 0

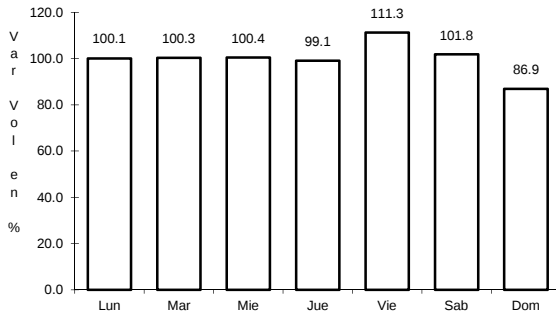
12 CARR: Ramal a Asunción Ixtaltepec

CLAVE: 20624

ruta: MEX-185



Km: 0.00      Tipo: 3      Sent: 0

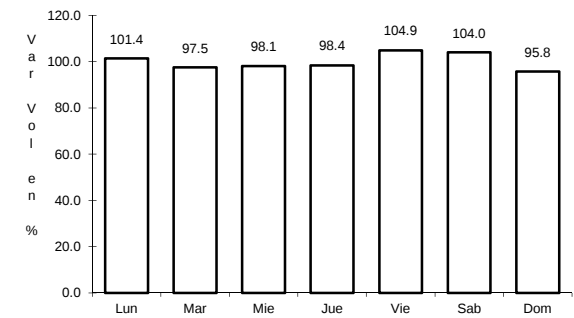


Km: 9.70      Tipo: 1      Sent: 0

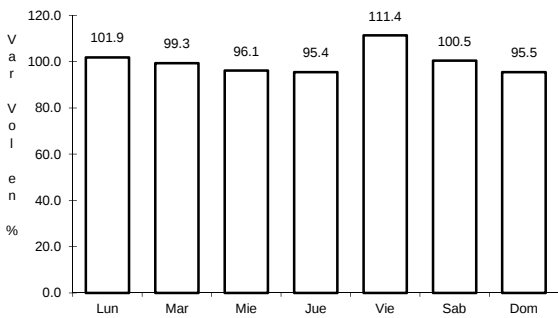
13 CARR: San Pablo Villa de Mitla - T. C. (Tuxtepec - Palomares)

CLAVE: 00106

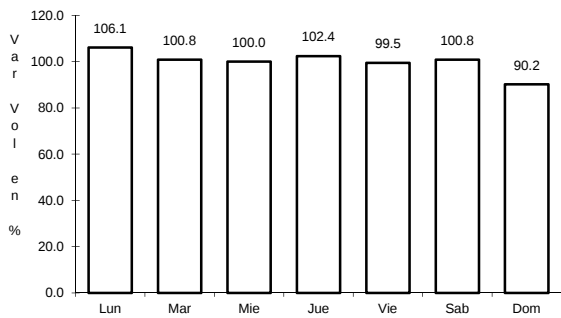
ruta: MEX-179



Km: 0.00      Tipo: 3      Sent: 0



Km: 90.00      Tipo: 1      Sent: 0

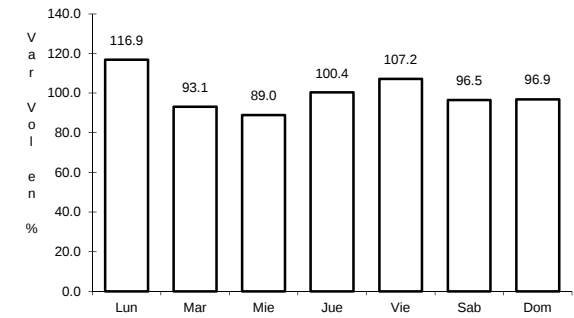


Km: 238.70      Tipo: 1      Sent: 0

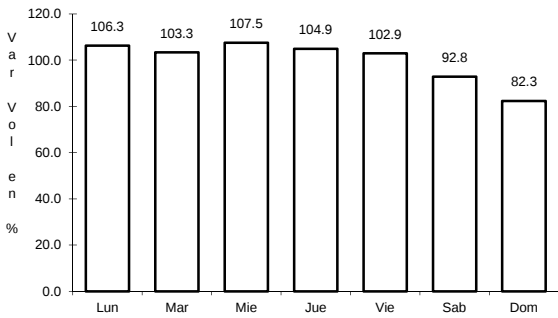
14 CARR: Santiago Pinotepa Nacional - Salina Cruz

CLAVE: 20074

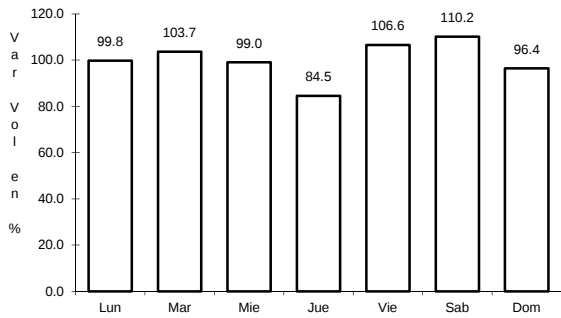
ruta: MEX-200



Km: 0.00      Tipo: 3      Sent: 0



Km: 209.95      Tipo: 1      Sent: 0

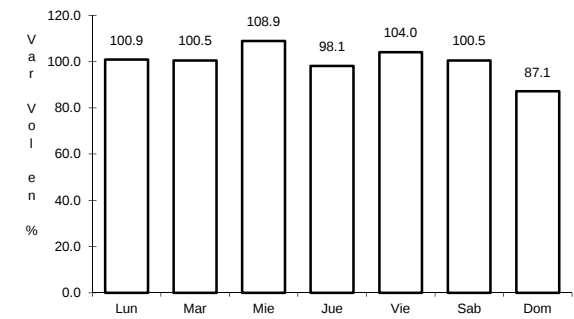


Km: 380.00      Tipo: 3      Sent: 0

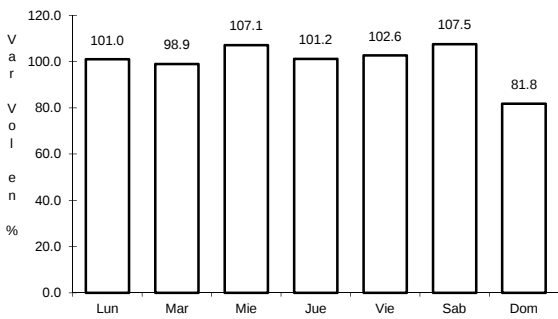
15 CARR: Tapanatepec - Talismán

CLAVE: 00075

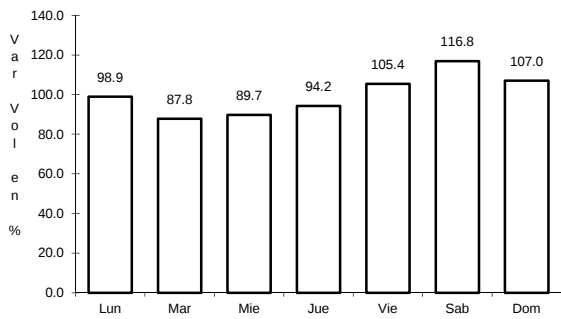
ruta: MEX-200



Km: 0.00      Tipo: 3      Sent: 0



Km: 45.00      Tipo: 1      Sent: 0

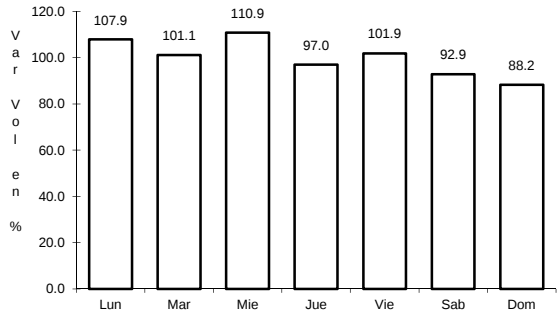


Km: 310.77      Tipo: 1      Sent: 0

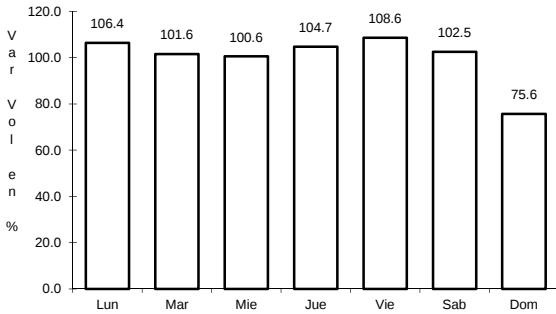
16 CARR: Tapanatepec - Tuxtla Gutiérrez

CLAVE: 00060

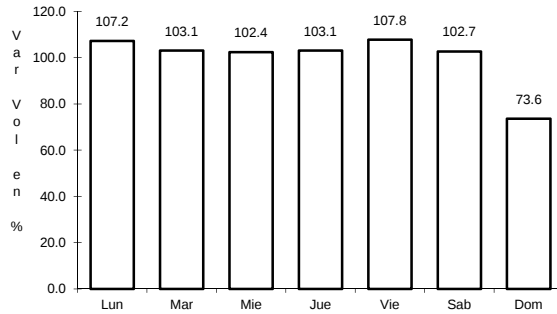
ruta: MEX-190



Km: 0.00                      Tipo: 3                      Sent: 0



Km: 159.00                      Tipo: 1                      Sent: 1

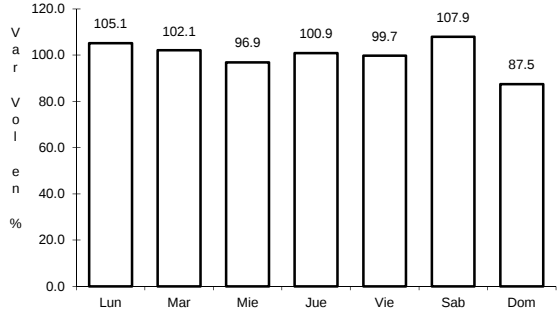


Km: 159.00                      Tipo: 1                      Sent: 2

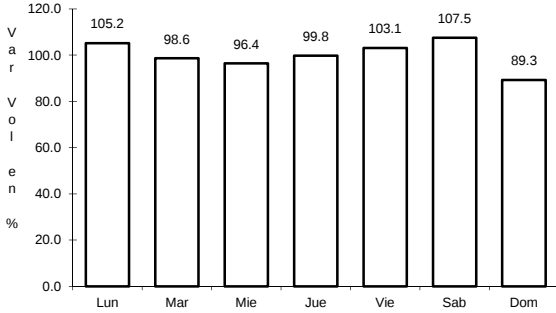
17 CARR: Tehuacán - Huajuapán de León

CLAVE: 00211

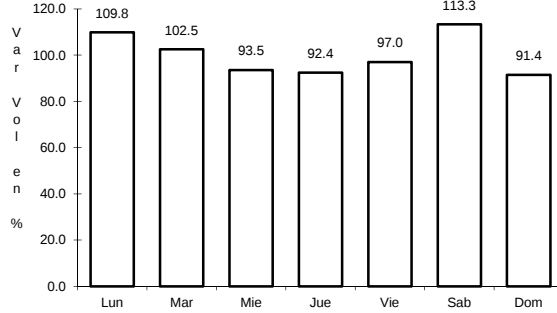
ruta: MEX-125



Km: 0.00                      Tipo: 3                      Sent: 1



Km: 0.00                      Tipo: 3                      Sent: 2

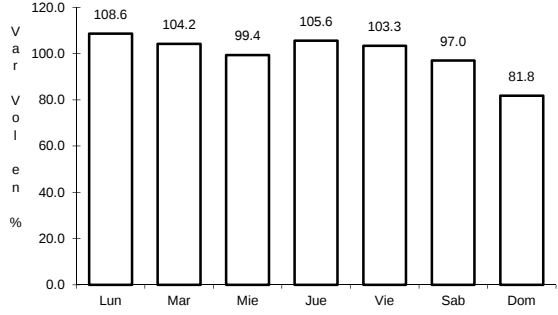


Km: 119.40                      Tipo: 1                      Sent: 0

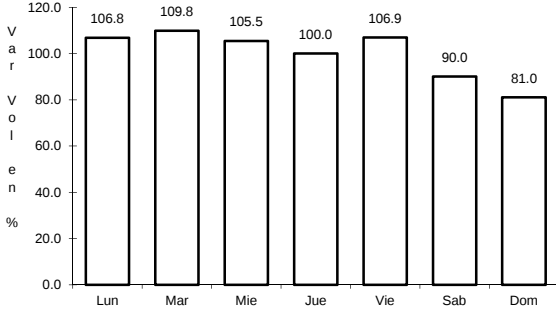
18 CARR: Tuxtepec - Ent. Palomares

CLAVE: 00180

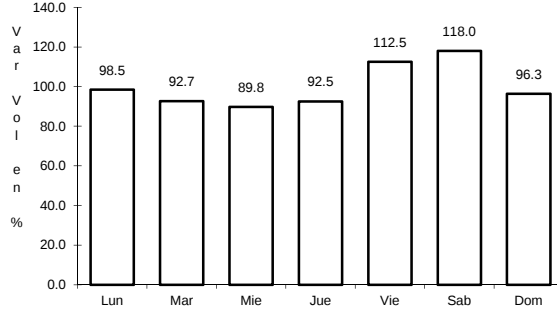
ruta: MEX-147



Km: 0.00                      Tipo: 3                      Sent: 0



Km: 81.20                      Tipo: 1                      Sent: 0

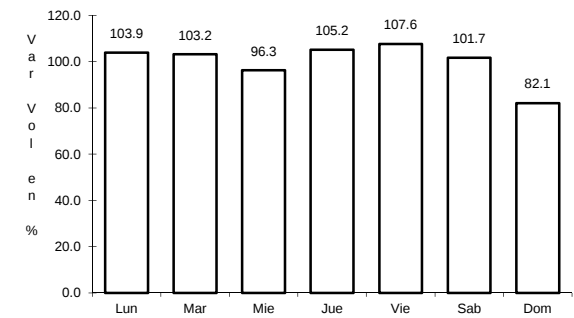


Km: 175.00                      Tipo: 1                      Sent: 0

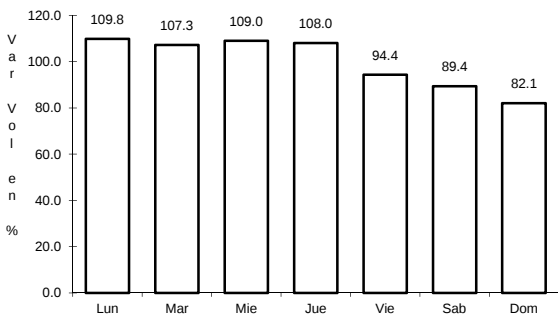
19 CARR: Tuxtepec - T. C. (Oaxaca - Tehuantepec)

CLAVE: 20090

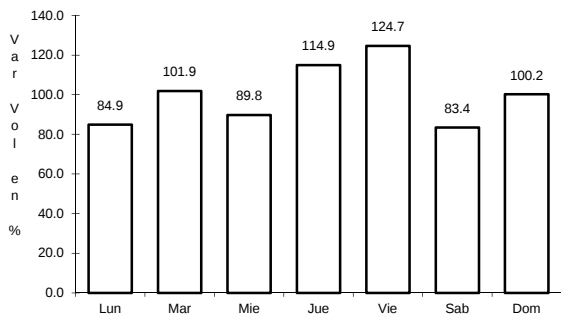
RUTA: MEX-175



Km: 0.00      Tipo: 3      Sent: 1



Km: 0.00      Tipo: 3      Sent: 2

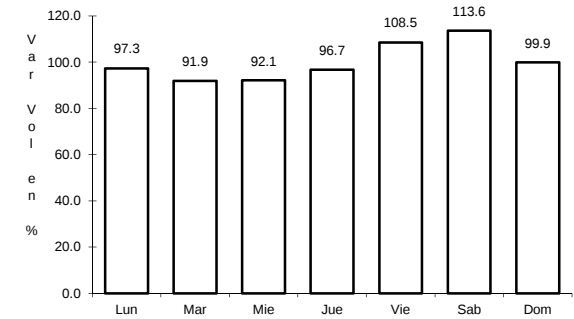


Km: 125.00      Tipo: 3      Sent: 0

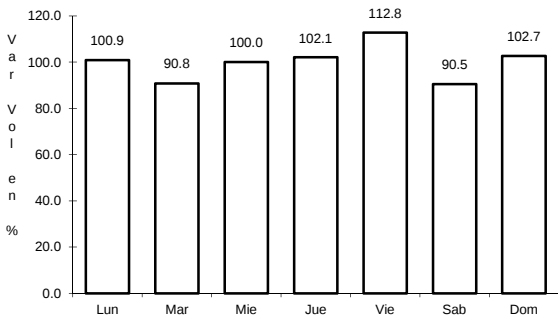
20 CARR: Yucudaa - Santiago Pinotepa Nacional

CLAVE: 20030

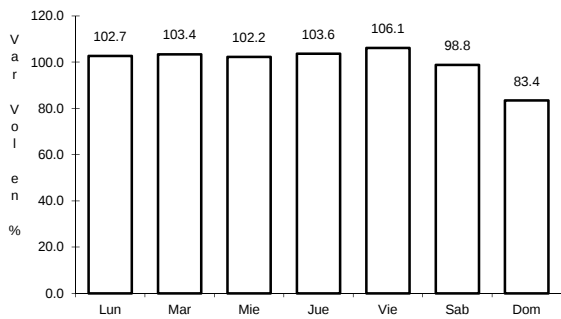
RUTA: MEX-125



Km: 0.00      Tipo: 3      Sent: 0



Km: 104.00      Tipo: 1      Sent: 0

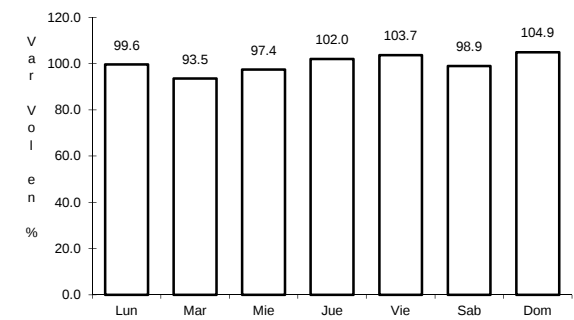


Km: 268.00      Tipo: 1      Sent: 0

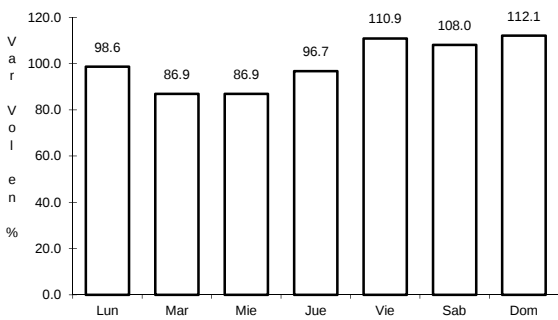
21 CARR: Cuacnopalan - Oaxaca (Cuota)

CLAVE: 00109

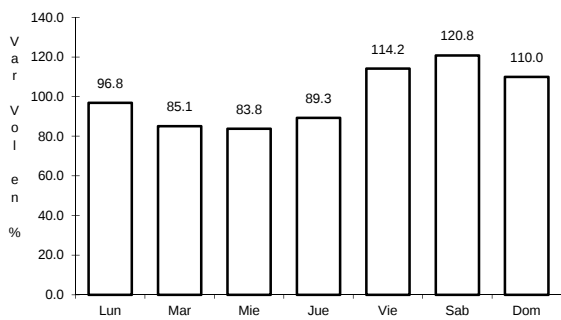
RUTA: MEX-135D



Km: 0.00      Tipo: 3      Sent: 0



Km: 242.70      Tipo: 1      Sent: 1

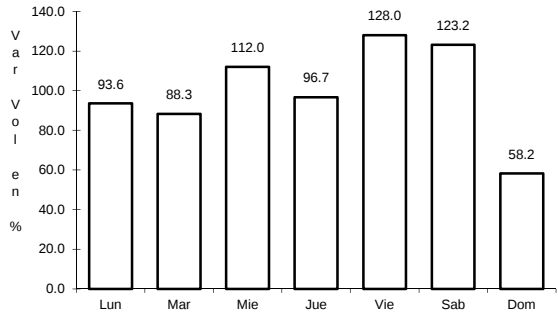


Km: 242.70      Tipo: 1      Sent: 2

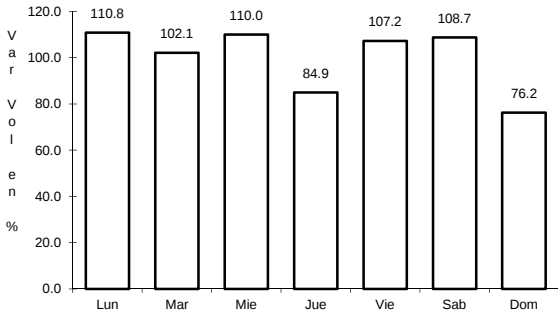
22 CARR: La Ventosa - Salina Cruz (Cuota)

CLAVE: 00275

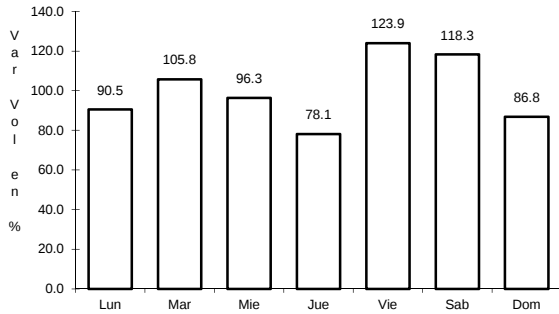
ruta: MEX-185D



Km: 0.00                      Tipo: 3                      Sent: 0



Km: 52.20                      Tipo: 1                      Sent: 0

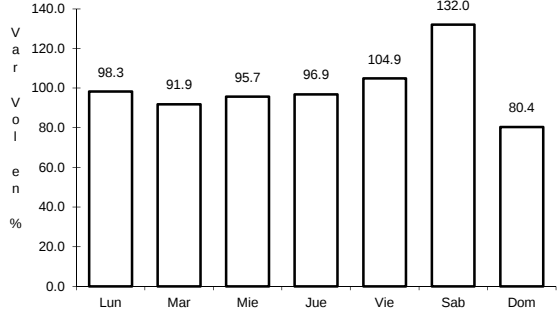


Km: 52.20                      Tipo: 3                      Sent: 0

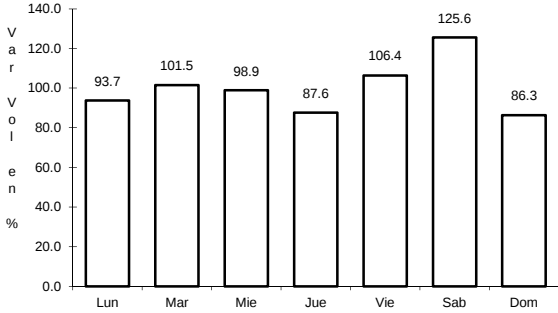
23 CARR: Cd. Ixtepec - Guevea de Humboldt

CLAVE: 00301

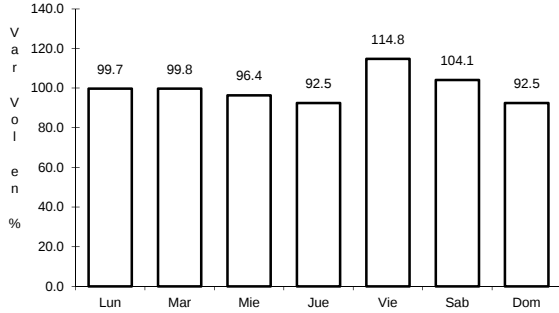
ruta: OAX



Km: 4.00                      Tipo: 1                      Sent: 1



Km: 4.00                      Tipo: 1                      Sent: 2

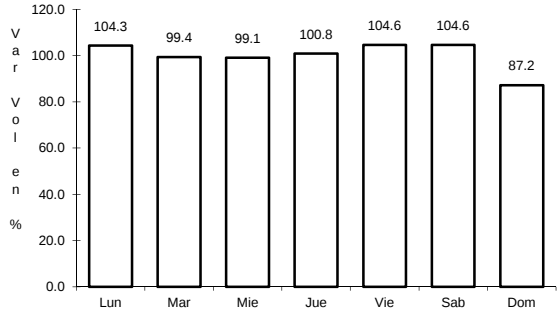


Km: 4.00                      Tipo: 3                      Sent: 0

24 CARR: El Zapote - Copalita

CLAVE: 00109

ruta: OAX



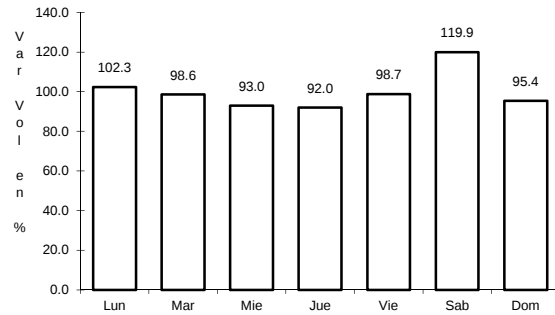
Km: 0.00                      Tipo: 3                      Sent: 0



28 CARR: Ramal a Unión Hidalgo

CLAVE: 20044

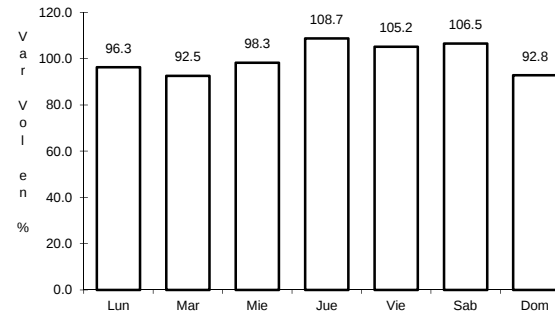
RUTA: OAX



Km: 0.00

Tipo: 3

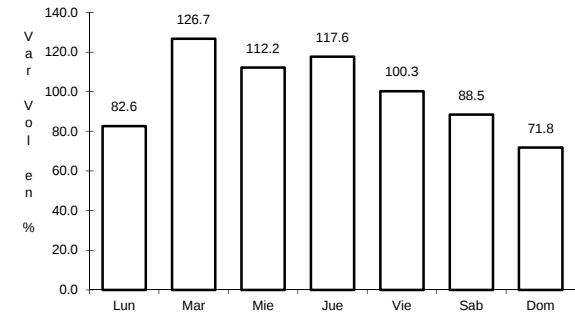
Sent: 1



Km: 0.00

Tipo: 3

Sent: 2



Km: 12.00

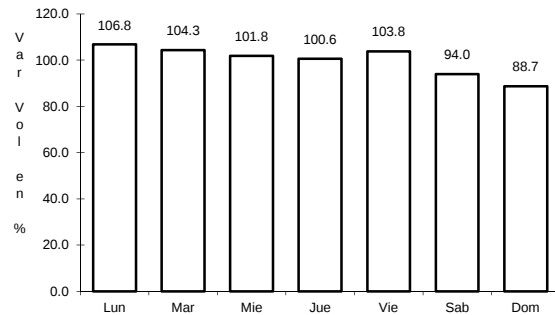
Tipo: 1

Sent: 0

29 CARR: T. C. (Oaxaca - Puerto Ángel) - Puerto Escondido

CLAVE: 20009

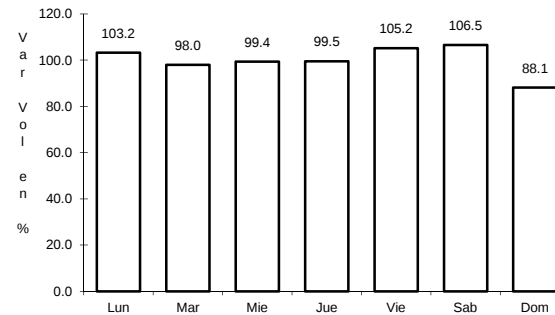
RUTA: MEX-OAX-161



Km: 0.00

Tipo: 3

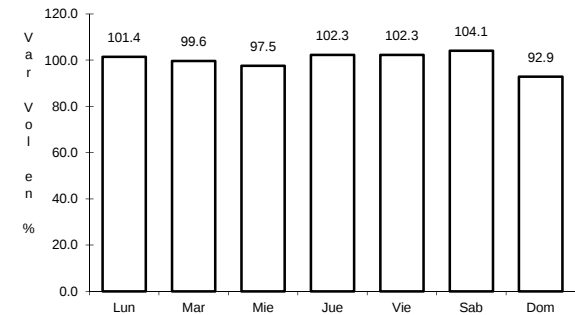
Sent: 1



Km: 0.00

Tipo: 3

Sent: 2



Km: 248.00

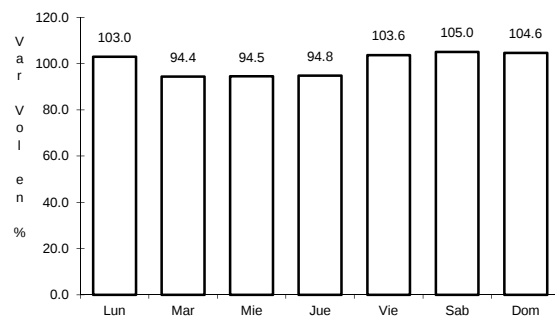
Tipo: 1

Sent: 0

30 CARR: Tehuacán - Huitzo

CLAVE: 00211

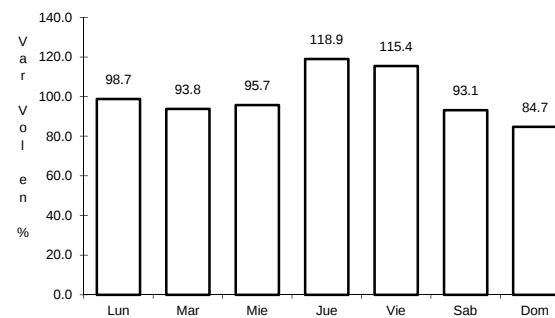
RUTA: PUE-MEX-135



Km: 0.00

Tipo: 3

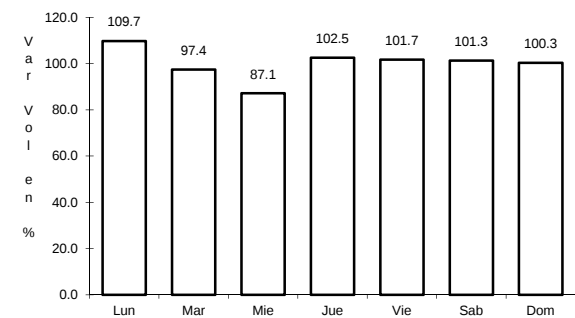
Sent: 0



Km: 118.80

Tipo: 1

Sent: 0

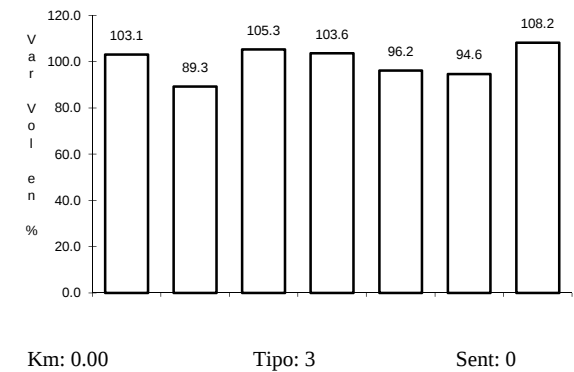


Km: 202.70

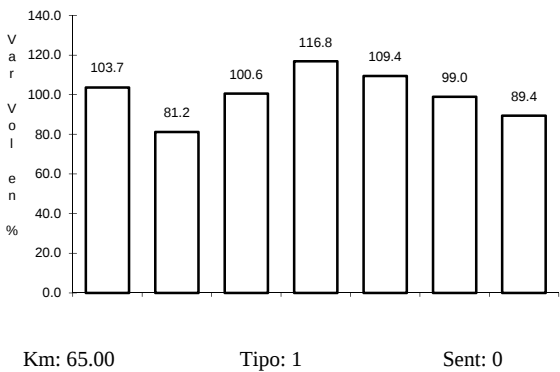
Tipo: 1

Sent: 0

31 CARR: Teotitlán de Flores Magón - Tuxtepec



CLAVE: 00108



RUTA: OAX-PUE-MEX-182

