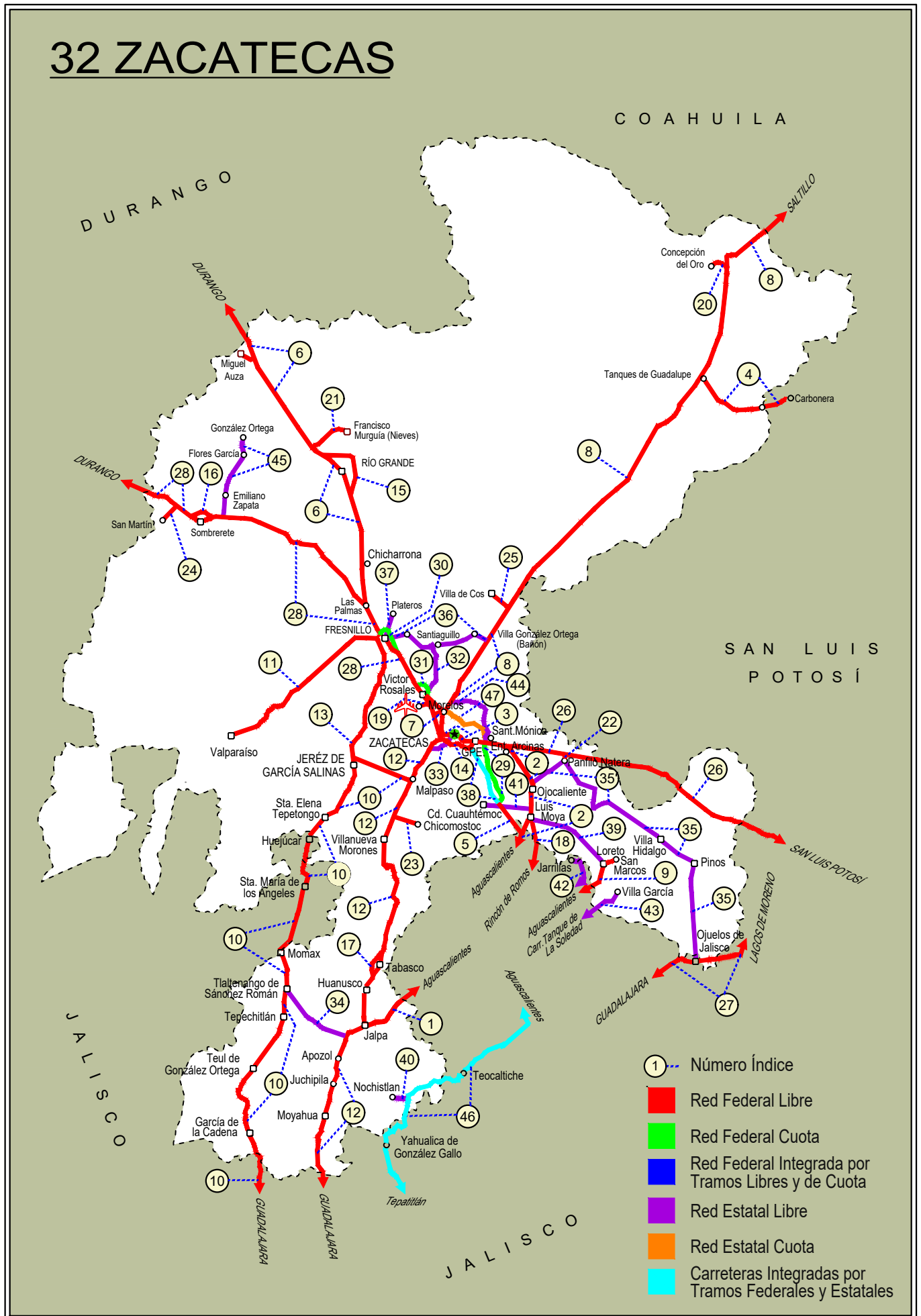


ZACATECAS

NO. INDICE CARRETERA	---RED FEDERAL LIBRE---	ruta
1 Aguascalientes - Jalpa		MEX-070
2 Aguascalientes - Zacatecas		MEX-045
3 Blvd. Guadalupe - Zacatecas - La Escondida		MEX-045
4 Carbonera - T. C. (Ent. Morelos - Saltillo)		MEX-062
5 Ent. Cosío - Ent. Cuauhtémoc		MEX-045
6 Ent. La Chicharrona - Cuencamé		MEX-049
7 Ent. Morelos - Ent. Noria de Gringos		MEX-045
8 Ent. Morelos - Saltillo		MEX-054
9 Ent. Rivier - San Marcos		MEX-066
10 Ent. Tesisán - Ent. Malpaso		MEX-023
11 Fresnillo - Valparaíso		MEX-044
12 Guadalajara - Zacatecas		MEX-054
13 Jerez - Fresnillo		MEX-023
14 Libramiento de Guadalupe - Zacatecas		MEX-045
15 Libramiento de Río Grande		MEX-049
16 Libramiento de Sombrerete		MEX-045
17 Libramiento de Tabasco		MEX-054
18 Providencia - Luis Moya		MEX-071
19 Ramal a Aeropuerto Zacatecas		MEX-045
20 Ramal a Concepción del Oro		MEX-054
21 Ramal a Francisco Murguía (Nieves)		MEX-049
22 Ramal a Gral. Pánfilo Natera		MEX-049
23 Ramal a Ruinas de Chicomostoc		MEX-045
24 Ramal a San Martín		MEX-045
25 Ramal a Villa de Cos		MEX-054
26 San Luis Potosí - Ent. Arcinas		MEX-049
27 San Luis Potosí - Lagos de Moreno		MEX-070-080
28 Zacatecas - Durango		MEX-045
---RED FEDERAL DE CUOTA---		
29 Ent. Cuauhtémoc - Ent. Osiris (Cuota)		MEX-045D
30 Libramiento de Fresnillo (Cuota)		MEX-045D
31 Libramiento de Víctor Rosales (Cuota)		MEX-045D
---RED ESTATAL LIBRE---		
32 Calera de Víctor Rosales - Santiaguillo		ZAC-016
33 Cieneguillas - Zacatecas		ZAC
34 Corral de Piedras - Tlaltenango		ZAC
35 Ent. Ojo Caliente - Ent. Ojuelos de Jalisco		ZAC
36 Fresnillo - Ent. Bañón		ZAC
37 Fresnillo - Plateros		ZAC-022
38 Guadalupe - Ent. Cuauhtémoc		ZAC-118
39 Ramal a Loreto		ZAC
40 Ramal a Nochistlán		ZAC
41 Ramal a San Pedro Piedra Gorda		ZAC-AGS
42 San Gil - Jarillas		AGS-012-ZAC
43 San Rafael - Villa García		AGS-ZAC
44 Santa Mónica - Pozo de Gamboa		ZAC
45 Sombrerete - González Ortega		ZAC
46 Yahualica - Jaralillo		JAL-ZAC
---RED ESTATAL DE CUOTA---		
47 Libramiento Noreste de Zacatecas (Cuota)		ZAC-D

32 ZACATECAS



ZACATECAS

1 CARR: Aguascalientes - Jalpa

CLAVE: 00095

RUTA: MEX-070

AÑO: 2024

LUGAR	ESTACION				CLASIFICACION VEHICULAR EN PORCIENTO														COORDENADAS	
	KM	TE	SC	TDPA	M	A	B	C2	C3	T3S2	T3S3	T3S2R4	OTROS	A	B	C	K'	D	LATITUD	LONGITUD
Aguascalientes	0.00	3	1	12394	4.1	89.2	1.6	3.0	0.9	0.6	0.1	0.4	0.1	93.3	1.6	5.1	0.105	0.507	21.874069	-102.334859
Aguascalientes	0.00	3	2	12737	6.5	87.0	1.4	2.9	1.0	0.5	0.1	0.4	0.2	93.5	1.4	5.1	0.098	0.507	21.873917	-102.334814
T. Der. Jesús María	7.30	1	1	11251	4.2	88.8	1.1	4.3	0.9	0.5	0.1	0.1	0.0	93.0	1.1	5.9	0.104	0.515	21.881465	-102.362691
T. Der. Jesús María	7.30	1	2	11927	5.1	88.5	1.0	3.8	0.9	0.5	0.1	0.1	0.0	93.6	1.0	5.4	0.110	0.515	21.881306	-102.362602
T. Izq. Villa Hidalgo	7.80	3	1	6056	2.6	90.1	1.8	2.5	1.4	1.3	0.1	0.2	0.0	92.7	1.8	5.5	0.162	0.501	21.884623	-102.374465
T. Izq. Villa Hidalgo	7.80	3	2	6079	2.5	90.0	1.5	2.8	1.5	1.2	0.2	0.2	0.1	92.5	1.5	6.0	0.162	0.501	21.884457	-102.374517
Libramiento Poniente de Aguascalientes	11.00	1	1	6187	2.2	90.9	1.4	2.9	1.0	0.7	0.5	0.3	0.1	93.1	1.4	5.5	0.160	0.509	21.889823	-102.393945
Libramiento Poniente de Aguascalientes	11.00	1	2	6421	2.0	90.7	1.5	3.3	1.1	0.8	0.4	0.1	0.1	92.7	1.5	5.8	0.160	0.509	21.889711	-102.393991
Libramiento Poniente de Aguascalientes	11.00	3	1	6367	2.6	90.3	1.1	3.1	1.6	0.7	0.4	0.2	0.0	92.9	1.1	6.0	0.160	0.504	21.892704	-102.404790
Libramiento Poniente de Aguascalientes	11.00	3	2	6458	2.1	91.2	0.9	2.9	1.7	0.6	0.3	0.3	0.0	93.3	0.9	5.8	0.160	0.504	21.892666	-102.404803
T. Der. Gracias a Dios	20.00	3	0	10043	1.8	91.2	1.3	4.0	0.8	0.7	0.2	0.0	0.0	93.0	1.3	5.7	0.128	0.502	21.886793	-102.466337
T. Izq. El Salitre	23.17	3	0	8947	3.2	89.0	1.8	2.7	1.5	1.1	0.4	0.2	0.1	92.2	1.8	6.0	0.096	0.504	21.889821	-102.501667
T. Izq. Malpaso	45.10	1	0	8622	3.0	91.2	1.3	2.3	1.0	0.6	0.2	0.3	0.1	94.2	1.3	4.5	0.109	0.524	21.880885	-102.653291
T. Der. Presa La Codorniz	49.30	3	1	10569	4.3	89.2	1.7	2.8	0.9	0.4	0.3	0.3	0.1	93.5	1.7	4.8	0.088	0.523	21.863653	-102.692502
T. Der. Presa La Codorniz	49.30	3	2	11570	5.4	87.5	1.6	2.9	1.0	0.6	0.3	0.4	0.3	92.9	1.6	5.5	0.088	0.523	21.863601	-102.692345
Calvillo	52.30	3	1	5386	3.0	91.3	1.0	2.2	0.8	0.8	0.4	0.4	0.1	94.3	1.0	4.7	0.096	0.501	21.834250	-102.748144
Calvillo	52.30	3	2	5354	2.9	91.9	0.7	2.4	0.7	0.6	0.4	0.3	0.1	94.8	0.7	4.5	0.087	0.501	21.834117	-102.748073
T. Der. Jaltiche de Abajo	63.80	3	0	2580	1.8	90.2	1.4	3.8	1.6	0.8	0.4	0.0	0.0	92.0	1.4	6.6	0.100	0.504	21.773627	-102.803368
Lim. Edos. Term. Ags. Ppia. Zac.	65.66																			
T. C. Guadalajara - Zacatecas	90.66	1	0	5099	2.8	71.2	1.4	17.6	3.1	1.6	1.1	1.1	0.1	74.0	1.4	24.6	0.085	0.518	21.652804	-102.963402

2 CARR: Aguascalientes - Zacatecas

CLAVE: 00524

RUTA: MEX-045

AÑO: 2024

LUGAR	ESTACION				CLASIFICACION VEHICULAR EN PORCIENTO														COORDENADAS	
	KM	TE	SC	TDPA	M	A	B	C2	C3	T3S2	T3S3	T3S2R4	OTROS	A	B	C	K'	D	LATITUD	LONGITUD
Aguascalientes	0.00																			
T. Izq. Pocitos	6.00	1	1	63185	3.7	86.3	1.0	3.7	1.1	0.8	0.3	2.4	0.7	90.0	1.0	9.0	0.076	0.501	21.920001	-102.291665
T. Izq. Pocitos	6.00	1	2	62742	3.6	86.3	1.0	3.9	1.0	0.9	0.2	2.5	0.6	89.9	1.0	9.1	0.069	0.501	21.920012	-102.291879
T. Der. Loreto	9.83	3	1	30896	3.3	87.4	2.0	3.0	1.1	1.8	0.5	0.7	0.2	90.7	2.0	7.3	0.109	0.502	21.972723	-102.289345
T. Der. Loreto	9.83	3	2	30564	3.4	87.6	1.9	2.9	0.9	1.9	0.4	0.8	0.2	91.0	1.9	7.1	0.093	0.502	21.972656	-102.289532
Santa Fé	16.00	1	1	31990	3.1	85.3	2.2	3.6	1.5	2.8	0.6	0.6	0.3	88.4	2.2	9.4	0.100	0.510	22.012918	-102.286824
Santa Fé	16.00	1	2	33407	3.0	85.5	2.3	3.5	1.6	2.7	0.7	0.5	0.2	88.5	2.3	9.2	0.112	0.510	22.013008	-102.286938
Santa Fé	16.00	3	1	23676	2.3	83.9	2.7	3.7	2.1	3.0	0.9	1.2	0.2	86.2	2.7	11.1	0.102	0.515	22.025401	-102.283721
Santa Fé	16.00	3	2	26657	2.2	83.7	2.6	3.8	2.0	3.1	1.0	1.3	0.3	85.9	2.6	11.5	0.108	0.515	22.025479	-102.283839
La Concepción	18.00	3	1	26470	1.7	79.6	3.1	5.0	1.9	5.4	1.3	1.7	0.3	81.3	3.1	15.6	0.085	0.520	22.037766	-102.280859

ZACATECAS

2 CARR: Aguascalientes - Zacatecas

CLAVE: 00524

ruta: MEX-045

AÑO: 2024

LUGAR	ESTACION				CLASIFICACION VEHICULAR EN PORCIENTO														COORDENADAS	
	KM	TE	SC	TDPA	M	A	B	C2	C3	T3S2	T3S3	T3S2R4	OTROS	A	B	C	K'	D	LATITUD	LONGITUD
La Concepción	18.00	3	2	23020	1.8	79.2	3.0	5.1	2.0	5.5	1.4	1.6	0.4	81.0	3.0	16.0	0.081	0.520	22.037694	-102.281018
T. C. Libramiento San Francisco de Los Romo	19.00	3	0	16046	5.3	82.5	1.8	3.4	2.6	1.6	1.3	1.2	0.3	87.8	1.8	10.4	0.080	0.501	22.056229	-102.277270
San Francisco de Los Romo	22.73	1	1	7279	7.6	86.2	1.2	2.4	1.2	0.7	0.3	0.3	0.1	93.8	1.2	5.0	0.079	0.501	22.064979	-102.275375
San Francisco de Los Romo	22.73	1	2	7296	7.1	85.8	1.8	3.0	1.1	0.5	0.3	0.2	0.2	92.9	1.8	5.3	0.083	0.501	22.064998	-102.275528
T. Izq. Libramiento San Francisco de Los Romo	24.80	3	1	19601	2.5	78.9	4.0	4.2	1.8	5.4	1.3	1.5	0.4	81.4	4.0	14.6	0.103	0.509	22.101186	-102.274391
T. Izq. Libramiento San Francisco de Los Romo	24.80	3	2	18882	2.8	77.0	4.2	4.4	2.1	5.6	1.6	1.8	0.5	79.8	4.2	16.0	0.088	0.509	22.101185	-102.274523
T. Der. Estación Pabellón	31.00	1	1	15637	2.5	77.3	3.8	3.6	2.0	6.6	1.5	2.2	0.5	79.8	3.8	16.4	0.099	0.531	22.131552	-102.286258
T. Der. Estación Pabellón	31.00	1	2	17708	2.3	78.4	2.2	3.9	2.2	6.8	1.7	2.0	0.5	80.7	2.2	17.1	0.095	0.531	22.131507	-102.286392
T. Der. Estación Pabellón	31.00	3	1	14446	3.9	74.4	4.4	5.1	1.5	6.9	1.3	2.1	0.4	78.3	4.4	17.3	0.094	0.514	22.151843	-102.295007
T. Der. Estación Pabellón	31.00	3	2	15252	4.1	74.4	4.6	4.8	1.7	6.7	1.4	1.8	0.5	78.5	4.6	16.9	0.092	0.514	22.151669	-102.295084
T. Der. Libramiento Rincón de Romos	35.50	1	1	12441	2.7	75.6	3.7	4.2	1.9	7.2	1.6	2.3	0.8	78.3	3.7	18.0	0.089	0.505	22.174107	-102.295488
T. Der. Libramiento Rincón de Romos	35.50	1	2	12702	2.8	75.8	3.8	4.3	1.8	7.1	1.5	2.2	0.7	78.6	3.8	17.6	0.088	0.505	22.173972	-102.295613
T. Der. Libramiento Rincón de Romos	35.50	3	1	6173	3.4	87.9	1.7	4.6	0.7	0.6	0.6	0.3	0.2	91.3	1.7	7.0	0.087	0.503	22.199195	-102.302963
T. Der. Libramiento Rincón de Romos	35.50	3	2	6251	3.5	87.5	1.8	4.8	0.7	0.7	0.4	0.4	0.2	91.0	1.8	7.2	0.124	0.503	22.199062	-102.303037
Rincón de Romos	40.90	3	0	7627	2.9	91.1	1.2	3.2	0.7	0.4	0.2	0.2	0.1	94.0	1.2	4.8	0.093	0.525	22.237438	-102.317685
T. Libramiento Rincón de Romos Norte	46.00																			
La Punta	51.00	1	1	9987	3.1	68.0	6.2	5.2	2.0	9.6	2.3	2.9	0.7	71.1	6.2	22.7	0.089	0.510	22.313727	-102.296733
La Punta	51.00	1	2	9584	3.5	68.2	5.8	4.9	1.8	9.9	2.0	3.2	0.7	71.7	5.8	22.5	0.087	0.510	22.313755	-102.296824
La Punta	51.00	3	1	9223	4.1	63.7	6.2	5.1	2.6	11.9	2.1	3.5	0.8	67.8	6.2	26.0	0.090	0.512	22.334349	-102.292542
La Punta	51.00	3	2	8793	4.5	63.2	6.4	5.3	2.3	12.3	2.1	3.2	0.7	67.7	6.4	25.9	0.084	0.512	22.334644	-102.292665
Cosío	56.00	3	1	7854	3.3	65.7	5.9	3.9	2.3	12.0	2.3	3.8	0.8	69.0	5.9	25.1	0.094	0.508	22.372701	-102.298537
Cosío	56.00	3	2	7598	3.6	65.0	5.6	4.2	2.0	12.3	2.4	4.0	0.9	68.6	5.6	25.8	0.081	0.508	22.373176	-102.298757
Ent. Cosío	57.30																			
Lim. Edos. Term. Ags. Ppia. Zac.	62.67																			
Luis Moya	65.80	1	0	4631	1.8	73.6	1.8	13.1	4.9	2.7	1.4	0.5	0.2	75.4	1.8	22.8	0.097	0.502	22.419010	-102.264097
Luis Moya	65.80	3	1	4003	4.3	75.8	3.1	9.7	1.7	2.6	1.5	0.9	0.4	80.1	3.1	16.8	0.084	0.509	22.446694	-102.253753
Luis Moya	65.80	3	2	3868	4.4	75.5	3.4	9.5	1.6	2.6	1.6	1.0	0.4	79.9	3.4	16.7	0.091	0.509	22.446682	-102.253865
T. Der. San Luis Potosí	100.00	1	0	6557	2.9	77.4	3.5	9.5	2.1	2.7	0.8	0.9	0.2	80.3	3.5	16.2	0.073	0.514	22.707341	-102.322046
T. Der. San Luis Potosí	100.00	3	1	6908	2.3	73.6	3.0	9.0	3.2	4.8	2.7	1.1	0.3	75.9	3.0	21.1	0.073	0.517	22.728887	-102.337174
T. Der. San Luis Potosí	100.00	3	2	7402	2.2	73.4	3.2	9.0	3.2	5.0	2.4	1.3	0.3	75.6	3.2	21.2	0.076	0.517	22.729282	-102.337657
T. Izq. Aguascalientes (Cuota)	113.50	1	1	10915	2.4	69.9	5.4	13.1	2.8	3.0	1.9	1.2	0.3	72.3	5.4	22.3	0.084	0.508	22.751376	-102.437977
T. Izq. Aguascalientes (Cuota)	113.50	1	2	11275	2.5	70.0	4.8	13.3	2.9	3.4	1.6	1.2	0.3	72.5	4.8	22.7	0.078	0.508	22.751208	-102.437733
T. Izq. Libramiento De Guadalupe Y Zacatecas	118.20	1	1	27474	2.8	83.3	2.4	6.0	2.0	2.5	0.4	0.5	0.1	86.1	2.4	11.5	0.115	0.508	22.750750	-102.491975
T. Izq. Libramiento De Guadalupe Y Zacatecas	118.20	1	2	28359	2.9	82.7	2.2	6.4	1.9	2.6	0.6	0.6	0.1	85.6	2.2	12.2	0.086	0.508	22.750637	-102.491989
Zacatecas	119.82																			

ZACATECAS

3 CARR: Blvd. Guadalupe - Zacatecas - La Escondida

CLAVE: 00544

RUTA: MEX-045

AÑO: 2024

LUGAR	ESTACION				CLASIFICACION VEHICULAR EN PORCIENTO														COORDENADAS	
	KM	TE	SC	TDPA	M	A	B	C2	C3	T3S2	T3S3	T3S2R4	OTROS	A	B	C	K'	D	LATITUD	LONGITUD
T. Izq. Lib. Guadalupe - Zacatecas (Alta)	0.00	3	1	38996	3.0	84.5	3.8	5.6	1.2	0.8	0.4	0.6	0.1	87.5	3.8	8.7	0.088	0.519	22.754228	-102.504782
T. Izq. Lib. Guadalupe - Zacatecas (Baja)	0.00	3	1	5758	6.9	81.8	2.2	5.5	1.0	1.4	0.5	0.4	0.3	88.7	2.2	9.1	0.088	0.570	22.754493	-102.505115
T. Izq. Lib. Guadalupe - Zacatecas (Alta)	0.00	3	2	35827	2.5	85.2	3.4	5.2	1.4	0.9	0.5	0.7	0.2	87.7	3.4	8.9	0.076	0.519	22.754278	-102.505338
T. Izq. Lib. Guadalupe - Zacatecas (Baja)	0.00	3	2	4722	6.7	83.2	1.9	5.5	0.6	1.0	0.5	0.4	0.2	89.9	1.9	8.2	0.070	0.570	22.754203	-102.505383
X. Av. Universidad	7.70	1	1	57863	2.3	90.6	0.5	4.8	0.9	0.5	0.3	0.1	0.0	92.9	0.5	6.6	0.071	0.515	22.765522	-102.559903
X. Av. Universidad	7.70	1	2	54151	2.4	90.6	0.4	4.6	1.0	0.5	0.4	0.1	0.0	93.0	0.4	6.6	0.073	0.515	22.763946	-102.555752
T. C. Zacatecas - Durango (Baja)	14.50	1	1	6845	1.6	83.0	5.0	7.1	1.0	1.9	0.2	0.2	0.0	84.6	5.0	10.4	0.154	0.509	22.775145	-102.611418
T. C. Zacatecas - Durango (Alta)	14.50	1	1	21042	2.1	90.3	2.0	4.0	0.7	0.3	0.4	0.2	0.0	92.4	2.0	5.6	0.091	0.509	22.775050	-102.611927
T. C. Zacatecas - Durango (Alta)	14.50	1	2	24619	2.3	89.8	2.0	4.2	0.8	0.3	0.4	0.2	0.0	92.1	2.0	5.9	0.068	0.509	22.774866	-102.611771
T. C. Zacatecas - Durango (Baja)	14.50	1	2	790	1.9	81.6	5.3	7.3	1.4	2.2	0.2	0.1	0.0	83.5	5.3	11.2	0.159	0.509	22.774618	-102.610932

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

CLAVE: 00218

RUTA: MEX-062

AÑO: 2024

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
Carbonera	0.00	3	0	3632	7.5	74.5	1.6	11.4	2.0	1.4	0.6	0.8	0.2	82.0	1.6	16.4	0.081	0.518	23.702617	-100.626167
Cedral	18.00	1	0	5774	9.0	82.6	1.3	3.7	1.1	1.1	0.5	0.5	0.2	91.6	1.3	7.1	0.095	0.514	23.794157	-100.698358
Cedral	18.00	3	0	3697	11.6	70.3	2.6	10.6	1.6	1.6	0.7	0.7	0.3	81.9	2.6	15.5	0.090	0.512	23.827893	-100.735207
Lim. Edos. Term. S. L. P. Ppia. Zac.	79.20																			
T. C. Ent. Morelos - Saltillo	112.00	1	0	1402	2.5	72.7	1.8	17.3	2.7	1.9	0.4	0.6	0.1	75.2	1.8	23.0	0.097	0.503	24.157849	-101.494478

5 CARR: Ent. Cosío - Ent. Cuauhtémoc

CLAVE: 00579

RUTA: MEX-045

AÑO: 2024

LUGAR	ESTACION				CLASIFICACION VEHICULAR EN PORCIENTO														COORDENADAS	
	KM	TE	SC	TDPA	M	A	B	C2	C3	T3S2	T3S3	T3S2R4	OTROS	A	B	C	K'	D	LATITUD	LONGITUD
T. C. Aguascalientes - Zacatecas	57.20	3	0	12425	3.0	59.4	6.5	4.5	2.4	15.0	2.6	5.7	0.9	62.4	6.5	31.1	0.075	0.527	22.392300	-102.305611
Lim. Edos. Term. Ags. Ppia. Zac.	64.00																			
T. C. Ent. Cuauhtémoc - Ent. Osiris Cuota	70.40	1	0	10872	1.3	60.6	6.2	7.4	3.6	13.9	2.3	3.8	0.9	61.9	6.2	31.9	0.062	0.512	22.479648	-102.353014

6 CARR: Ent. La Chicharrona - Cuencamé

CLAVE: 00152

RUTA: MEX-049

AÑO: 2024

LUGAR	ESTACION				CLASIFICACION VEHICULAR EN PORCIENTO														COORDENADAS	
	KM	TE	SC	TDPA	M	A	B	C2	C3	T3S2	T3S3	T3S2R4	OTROS	A	B	C	K'	D	LATITUD	LONGITUD
Ent. La Chicharrona	0.00	3	1	4944	1.8	53.0	6.3	12.4	3.5	14.3	3.0	5.0	0.7	54.8	6.3	38.9	0.082	0.511	23.307663	-102.958721
Ent. La Chicharrona	0.00	3	2	4725	2.1	53.0	6.5	12.4	3.5	13.8	3.6	4.5	0.6	55.1	6.5	38.4	0.080	0.511	23.307672	-102.958911

ZACATECAS

6 CARR: Ent. La Chicharrona - Cuencamé

CLAVE: 00152

ruta: MEX-049

AÑO: 2024

LUGAR	ESTACION				CLASIFICACION VEHICULAR EN PORCIENTO														COORDENADAS	
	KM	TE	SC	TDPA	M	A	B	C2	C3	T3S2	T3S3	T3S2R4	OTROS	A	B	C	K'	D	LATITUD	LONGITUD
T. Der. Cañitas de Felipe Pescador	25.86	1	1	3512	2.3	56.6	6.0	11.6	3.8	13.6	3.2	2.6	0.3	58.9	6.0	35.1	0.077	0.512	23.506166	-102.959482
T. Der. Cañitas de Felipe Pescador	25.86	1	2	3690	1.3	57.1	6.2	12.2	3.4	13.4	3.6	2.5	0.3	58.4	6.2	35.4	0.074	0.512	23.506162	-102.959679
T. Libramiento de Río Grande Sur	57.00																			
Río Grande	60.00	1	0	7653	2.5	53.7	5.3	12.2	3.0	15.2	4.3	3.1	0.7	56.2	5.3	38.5	0.077	0.527	23.788077	-103.015239
Río Grande	60.00	3	0	6434	3.3	45.7	6.7	16.5	4.0	15.8	4.1	3.1	0.8	49.0	6.7	44.3	0.068	0.527	23.882000	-103.099187
T. Libramiento de Río Grande Norte	67.40																			
T. Der. Nieves	78.00	3	0	7709	3.1	46.6	6.3	18.4	4.1	13.6	5.1	2.1	0.7	49.7	6.3	44.0	0.077	0.500	23.923575	-103.159828
X. C. Juan Aldama - Miguel Auza	124.50	1	0	6692	2.4	46.5	7.5	15.8	3.9	16.9	4.3	2.2	0.5	48.9	7.5	43.6	0.063	0.516	24.268483	-103.398592
X. C. Juan Aldama - Miguel Auza	124.50	3	0	7576	3.0	51.5	5.3	11.2	3.1	14.9	5.9	4.2	0.9	54.5	5.3	40.2	0.070	0.509	24.289710	-103.407425
T. Izq. Miguel Auza	131.20	3	0	6589	3.3	47.8	5.6	15.0	3.3	14.4	6.2	3.5	0.9	51.1	5.6	43.3	0.081	0.522	24.336693	-103.423646
Lim. Edos. Term. Zac. Ppia. Dgo.	134.30																			
T. Der. Santa Clara	144.00	1	0	5883	4.6	38.0	7.5	5.4	3.0	25.8	5.8	9.0	0.9	42.6	7.5	49.9	0.069	0.504	24.435886	-103.486243
T. Der. Santa Clara	144.00	3	0	5652	4.6	37.9	9.1	6.8	2.7	23.9	5.7	8.4	0.9	42.5	9.1	48.4	0.063	0.523	24.445036	-103.492219
T. C. Libramiento Exterior Cuencamé	196.10	1	0	5708	4.8	36.5	5.4	9.0	2.8	27.0	5.5	8.2	0.8	41.3	5.4	53.3	0.066	0.511	24.828058	-103.682337
Cuencamé	199.10	1	0	1372	8.0	76.7	2.6	5.1	3.2	1.9	1.3	1.1	0.1	84.7	2.6	12.7	0.083	0.505	24.852735	-103.693103

7 CARR: Ent. Morelos - Ent. Noria de Gringos

CLAVE: 00544

ruta: MEX-045

AÑO: 2024

LUGAR	ESTACION				CLASIFICACION VEHICULAR EN PORCIENTO														COORDENADAS	
	KM	TE	SC	TDPA	M	A	B	C2	C3	T3S2	T3S3	T3S2R4	OTROS	A	B	C	K'	D	LATITUD	LONGITUD
Ent. Morelos	0.00																			
T. Der. Lib. Noreste de Zacatecas	0.50	1	1	5175	2.4	71.5	2.3	3.9	4.0	9.2	3.3	2.7	0.7	73.9	2.3	23.8	0.075	0.500	22.862065	-102.627289
T. Der. Lib. Noreste de Zacatecas	0.50	1	2	2308	4.5	74.7	1.6	8.5	2.2	4.2	2.1	1.8	0.4	79.2	1.6	19.2	0.089	0.500	22.861973	-102.626057
T. Der. Lib. Noreste de Zacatecas	0.50	3	0	8666	2.8	68.2	2.4	5.9	4.8	9.1	2.8	3.2	0.8	71.0	2.4	26.6	0.086	0.511	22.858357	-102.636751
Ent. Noria de Gringos	2.20																			

8 CARR: Ent. Morelos - Saltillo

CLAVE: 00149

ruta: MEX-054

AÑO: 2024

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. Zacatecas - Durango	0.00	3	1	4737	2.3	66.9	4.4	11.2	2.9	7.3	1.6	2.7	0.7	69.2	4.4	26.4	0.075	0.507	22.868987	-102.619562
T. C. Zacatecas - Durango	0.00	3	2	4603	2.1	68.7	4.7	10.8	2.6	6.6	1.3	2.6	0.6	70.8	4.7	24.5	0.081	0.507	22.869325	-102.619422
T. Der. Sta. Mónica	11.00	1	1	4787	3.3	56.9	5.2	17.4	1.9	11.4	1.5	1.7	0.7	60.2	5.2	34.6	0.065	0.513	22.937463	-102.570189
T. Der. Sta. Mónica	11.00	1	2	5035	3.0	56.2	5.1	17.7	2.3	11.5	1.5	1.8	0.9	59.2	5.1	35.7	0.068	0.513	22.937516	-102.570272
T. Der. Sta. Mónica	11.00	3	1	3441	3.5	47.7	5.2	17.4	4.0	16.3	1.8	3.2	0.9	51.2	5.2	43.6	0.077	0.504	22.950285	-102.559336

ZACATECAS

8 CARR: Ent. Morelos - Saltillo

CLAVE: 00149

ruta: MEX-054

AÑO: 2024

LUGAR	ESTACION				CLASIFICACION VEHICULAR EN PORCIENTO														COORDENADAS	
	KM	TE	SC	TDPA	M	A	B	C2	C3	T3S2	T3S3	T3S2R4	OTROS	A	B	C	K'	D	LATITUD	LONGITUD
T. Der. Sta. Mónica	11.00	3	2	3502	3.5	48.6	5.2	17.0	4.0	16.3	1.6	3.1	0.7	52.1	5.2	42.7	0.076	0.504	22.950542	-102.559220
T. Izq. Villa de Cos	53.90	1	1	4615	2.3	51.0	4.7	19.4	2.6	15.7	1.8	2.0	0.5	53.3	4.7	42.0	0.069	0.504	23.265104	-102.333159
T. Izq. Villa de Cos	53.90	1	2	4539	2.4	50.7	4.4	19.7	2.5	15.7	1.9	2.2	0.5	53.1	4.4	42.5	0.071	0.504	23.265148	-102.333232
T. Izq. Villa de Cos	53.90	3	1	3806	2.2	51.3	4.8	19.2	2.5	15.6	1.9	2.1	0.4	53.5	4.8	41.7	0.070	0.527	23.276418	-102.324984
T. Izq. Villa de Cos	53.90	3	2	3421	2.4	51.1	4.5	19.5	2.4	15.5	1.9	2.3	0.4	53.5	4.5	42.0	0.071	0.527	23.276471	-102.325066
T. Der. Illescas	58.41	3	1	3153	2.0	52.4	4.9	19.0	2.2	15.4	1.7	2.1	0.3	54.4	4.9	40.7	0.070	0.501	23.291397	-102.314125
T. Der. Illescas	58.41	3	2	3168	2.2	52.1	4.6	19.3	2.1	15.3	1.7	2.4	0.3	54.3	4.6	41.1	0.082	0.501	23.291479	-102.314266
Sierra Vieja	85.50	3	1	2502	2.0	47.4	6.8	20.1	2.1	17.1	1.8	2.2	0.5	49.4	6.8	43.8	0.086	0.520	23.505365	-102.121928
Sierra Vieja	85.50	3	2	2312	2.0	47.2	6.4	20.5	2.0	17.2	1.8	2.4	0.5	49.2	6.4	44.4	0.083	0.520	23.505467	-102.122037
T. Der. Majoma	144.50	3	1	2452	1.6	44.1	6.6	22.5	3.4	14.0	2.4	4.8	0.6	45.7	6.6	47.7	0.079	0.502	23.895466	-101.724592
T. Der. Majoma	144.50	3	2	2474	1.4	42.4	6.7	22.6	3.4	14.5	3.0	5.4	0.6	43.8	6.7	49.5	0.096	0.502	23.895532	-101.724736
T. Der. San Tiburcio	185.25	1	1	2140	2.0	44.1	6.7	22.1	3.6	13.5	2.7	5.0	0.3	46.1	6.7	47.2	0.078	0.516	24.155151	-101.497422
T. Der. San Tiburcio	185.25	1	2	2280	2.0	42.5	6.9	22.7	3.4	14.0	3.0	5.1	0.4	44.5	6.9	48.6	0.070	0.516	24.155231	-101.497545
T. Der. San Tiburcio	185.25	3	1	2689	2.2	44.7	6.9	22.1	3.2	13.2	2.8	4.7	0.2	46.9	6.9	46.2	0.074	0.515	24.162695	-101.491982
T. Der. San Tiburcio	185.25	3	2	2528	2.2	43.1	6.9	22.2	3.1	13.9	3.1	5.1	0.4	45.3	6.9	47.8	0.069	0.515	24.162770	-101.492112
T. Izq. Concepción del Oro	240.00	1	1	3768	2.1	47.0	5.1	24.3	3.1	12.0	1.8	3.9	0.7	49.1	5.1	45.8	0.067	0.519	24.611738	-101.369136
T. Izq. Concepción del Oro	240.00	1	2	4068	2.2	47.9	5.1	24.0	3.1	11.2	2.1	3.7	0.7	50.1	5.1	44.8	0.067	0.519	24.611711	-101.369346
T. Izq. Concepción del Oro	240.00	3	1	3647	2.2	55.7	5.2	15.7	3.0	12.1	1.9	3.7	0.5	57.9	5.2	36.9	0.078	0.511	24.647843	-101.349757
T. Izq. Concepción del Oro	240.00	3	2	3812	2.1	56.5	5.2	15.6	3.0	11.3	2.2	3.6	0.5	58.6	5.2	36.2	0.070	0.511	24.647855	-101.349185
Lim. Edos. Term. Zac. Ppia. Coah.	266.50																			
Agua Nueva	322.00	1	0	6334	3.4	57.1	4.5	5.2	2.3	18.5	2.7	5.4	0.9	60.5	4.5	35.0	0.073	0.501	25.179289	-101.094658
T. Der. La Trinidad	333.00	3	1	10408	0.8	81.7	5.3	7.7	1.6	2.5	0.2	0.1	0.1	82.5	5.3	12.2	0.127	0.511	25.283235	-101.087050
T. Der. La Trinidad	333.00	3	2	9972	1.0	81.6	5.0	8.0	1.8	2.2	0.2	0.1	0.1	82.6	5.0	12.4	0.134	0.511	25.283257	-101.087143
X. C. Libramiento de Saltillo	348.00	1	1	20380	1.5	86.3	3.4	5.6	1.3	1.2	0.2	0.4	0.1	87.8	3.4	8.8	0.091	0.505	25.367127	-101.015697
X. C. Libramiento de Saltillo	348.00	1	2	19957	1.6	86.5	3.2	5.7	1.1	1.3	0.2	0.3	0.1	88.1	3.2	8.7	0.075	0.505	25.367233	-101.015848
Saltillo	354.00	1	1	16682	2.4	91.1	1.4	3.7	0.5	0.3	0.2	0.3	0.1	93.5	1.4	5.1	0.076	0.525	25.388259	-101.006041
Saltillo	354.00	1	2	15098	2.6	90.5	1.3	3.9	0.6	0.4	0.2	0.3	0.2	93.1	1.3	5.6	0.081	0.525	25.388293	-101.006127

9 CARR: Ent. Rivier - San Marcos

CLAVE: 00285

ruta: MEX-066

AÑO: 2024

LUGAR	ESTACION				CLASIFICACION VEHICULAR EN PORCIENTO														COORDENADAS	
	KM	TE	SC	TDPA	M	A	B	C2	C3	T3S2	T3S3	T3S2R4	OTROS	A	B	C	K'	D	LATITUD	LONGITUD
T. C. Aguascalientes - Zacatecas	0.00	3	1	11062	4.0	86.9	1.2	3.6	2.1	1.2	0.5	0.3	0.2	90.9	1.2	7.9	0.107	0.508	21.961720	-102.283610
T. C. Aguascalientes - Zacatecas	0.00	3	2	10714	4.0	87.1	1.1	3.7	2.0	1.1	0.6	0.2	0.2	91.1	1.1	7.8	0.136	0.508	21.961844	-102.283596
T. Izq. El Tepetate	10.50	3	0	10438	4.6	86.9	1.4	3.9	1.7	0.7	0.4	0.3	0.1	91.5	1.4	7.1	0.092	0.502	21.999438	-102.192606

ZACATECAS

9 CARR : Ent. Rivier - San Marcos

CLAVE: 00285

ruta: MEX-066

AÑO: 2024

LUGAR	ESTACION				CLASIFICACION VEHICULAR EN PORCIENTO														COORDENADAS	
	KM	TE	SC	TDPA	M	A	B	C2	C3	T3S2	T3S3	T3S2R4	OTROS	A	B	C	K'	D	LATITUD	LONGITUD
T. Der. Jilotepec	23.60	3	0	9020	3.8	87.1	1.9	4.3	1.4	0.7	0.4	0.3	0.1	90.9	1.9	7.2	0.099	0.501	22.058360	-102.096865
Villa Juárez	30.00	3	0	11713	4.2	86.5	2.8	3.8	1.5	0.6	0.4	0.1	0.1	90.7	2.8	6.5	0.081	0.523	22.109064	-102.058214
Ciénega Grande	41.50	1	0	10281	5.1	85.9	2.0	5.0	1.0	0.7	0.1	0.2	0.0	91.0	2.0	7.0	0.083	0.500	22.179471	-102.022740
Ciénega Grande	41.50	3	0	7199	4.9	85.1	2.5	5.1	1.6	0.6	0.1	0.1	0.0	90.0	2.5	7.5	0.097	0.526	22.203136	-102.013431
Lim. Edos. Term. Ags. Ppia. Zac.	45.75																			
San Marcos	55.34	1	0	9468	11.9	79.1	1.6	2.9	1.5	1.7	0.7	0.5	0.1	91.0	1.6	7.4	0.083	0.548	22.276710	-101.956077

10 CARR : Ent. Tesistán - Ent. Malpaso

CLAVE: 00584

ruta: MEX-023

AÑO: 2024

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. Guadalajara - Tesistán	0.00	3	1	24218	6.1	87.1	0.5	4.6	0.7	0.4	0.3	0.2	0.1	93.2	0.5	6.3	0.080	0.506	20.796461	-103.459025
T. C. Guadalajara - Tesistán	0.00	3	2	23607	6.8	87.7	0.6	3.3	0.7	0.4	0.2	0.2	0.1	94.5	0.6	4.9	0.111	0.506	20.796473	-103.459111
Lim. Edos. Term. Jal. Ppia. Zac.	42.00																			
García de La Cadena	64.00	1	0	4516	2.3	81.9	2.1	8.5	1.7	1.3	2.0	0.2	0.0	84.2	2.1	13.7	0.088	0.520	21.193155	-103.464587
Tlaltenango de Sánchez Román	148.00	3	0	7149	3.8	79.0	1.9	9.4	1.4	2.4	1.5	0.5	0.1	82.8	1.9	15.3	0.077	0.525	21.801000	-103.298802
Momax	164.00	3	0	3810	2.4	82.0	2.2	7.8	1.7	1.4	1.7	0.8	0.0	84.4	2.2	13.4	0.087	0.508	21.934874	-103.308145
Lim. Edos. Term. Zac. Ppia. Jal.	171.80																			
Colotlán	188.00	1	0	4275	2.3	81.6	2.0	9.1	0.9	1.9	1.1	0.8	0.3	83.9	2.0	14.1	0.082	0.514	22.089338	-103.272073
Lim. Edos. Term. Jal. Ppia. Zac.	209.90																			
Lim. Edos. Term. Zac. Ppia. Jal.	214.80																			
Lim. Edos. Term. Jal. Ppia. Zac.	223.95																			
Tepetongo	234.00	3	0	6102	3.5	83.9	1.6	7.4	0.8	1.0	0.8	0.9	0.1	87.4	1.6	11.0	0.087	0.512	22.464554	-103.143999
Jerez de García Salinas	260.00	1	1	4205	1.6	87.2	0.8	7.5	0.7	0.8	0.6	0.6	0.2	88.8	0.8	10.4	0.089	0.515	22.600644	-103.017443
Jerez de García Salinas	260.00	1	2	4472	1.5	87.1	0.8	7.5	0.9	0.8	0.6	0.6	0.2	88.6	0.8	10.6	0.098	0.515	22.600693	-103.017509
T. C. Guadalajara - Zacatecas	284.00	1	1	4746	1.6	85.8	1.5	7.7	1.0	1.1	0.9	0.4	0.0	87.4	1.5	11.1	0.088	0.514	22.617225	-102.785272
T. C. Guadalajara - Zacatecas	284.00	1	2	5020	1.3	86.0	1.6	7.2	1.1	1.6	0.8	0.4	0.0	87.3	1.6	11.1	0.090	0.514	22.617310	-102.785245

11 CARR : Fresnillo - Valparaíso

CLAVE: 32547

ruta: MEX-044

AÑO: 2024

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
Fresnillo	0.00	3	0	8005	3.4	73.8	2.5	12.2	2.9	3.6	1.1	0.3	0.2	77.2	2.5	20.3	0.088	0.510	23.174020	-102.919778
T. Izq. Guanajuato	24.50	1	0	2232	2.4	77.5	2.4	14.3	1.8	1.0	0.5	0.1	0.0	79.9	2.4	17.7	0.117	0.504	23.106581	-103.080279
T. Izq. Sombretillo	45.00	3	0	2025	2.8	77.4	1.8	14.7	1.7	1.1	0.5	0.0	0.0	80.2	1.8	18.0	0.081	0.519	22.997119	-103.213796

ZACATECAS

11 CARR: Fresnillo - Valparaíso

CLAVE: 32547

RUTA: MEX-044

AÑO: 2024

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. San José de Llanetes	55.00	3	0	1432	2.4	73.7	2.7	14.2	2.9	3.1	1.0	0.0	0.0	76.1	2.7	21.2	0.091	0.526	22.915509	-103.301835
T. Izq. Lobatos	71.00	3	0	2245	2.7	76.8	2.4	12.1	1.9	3.3	0.8	0.0	0.0	79.5	2.4	18.1	0.088	0.501	22.826770	-103.438958
Valparaiso	90.00	1	0	2494	1.2	75.8	2.6	16.6	1.6	1.6	0.6	0.0	0.0	77.0	2.6	20.4	0.095	0.509	22.797749	-103.542081

12 CARR: Guadalajara - Zacatecas

CLAVE: 00150

RUTA: MEX-054

AÑO: 2024

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
Guadalajara	0.00																			
X. Periférico de Guadalajara	6.19	3	1	4694	8.2	84.4	1.3	3.1	1.3	0.9	0.5	0.2	0.1	92.6	1.3	6.1	0.102	0.533	20.768913	-103.340008
X. Periférico de Guadalajara	6.19	3	2	5352	8.3	84.9	1.0	3.0	1.2	0.9	0.4	0.2	0.1	93.2	1.0	5.8	0.106	0.533	20.768895	-103.340099
T. Der. Ixtlahuacán del Río	49.46	3	0	5613	6.1	80.0	1.9	8.6	1.3	1.3	0.3	0.4	0.1	86.1	1.9	12.0	0.087	0.515	20.871146	-103.236789
Lim. Edos. Term. Jal. Ppia. Zac.	76.49																			
T. Izq. Moyahua	106.43	1	0	2382	3.1	76.1	3.7	8.9	2.6	2.7	2.0	0.9	0.0	79.2	3.7	17.1	0.083	0.518	21.251194	-103.161737
Apozol	129.28	1	0	4354	2.6	79.7	1.8	7.8	2.1	3.9	1.4	0.6	0.1	82.3	1.8	15.9	0.105	0.524	21.448575	-103.093483
Jalpa	159.39	1	0	5944	2.0	81.5	2.8	7.3	1.6	2.2	0.8	1.5	0.3	83.5	2.8	13.7	0.079	0.503	21.617393	-103.003633
Tabasco	189.40	1	0	3810	1.4	80.7	2.1	8.8	1.8	3.0	0.7	1.3	0.2	82.1	2.1	15.8	0.093	0.524	21.843650	-102.933634
Tabasco	189.40	3	0	3766	1.9	79.7	2.0	9.5	2.2	2.7	0.9	0.9	0.2	81.6	2.0	16.4	0.082	0.503	21.886372	-102.906340
Villanueva	255.70	3	0	4129	1.8	84.1	2.5	5.0	2.2	1.9	1.2	0.8	0.5	85.9	2.5	11.6	0.093	0.525	22.375741	-102.881676
T. Izq. Jerez de García Salinas	289.13	1	1	2411	1.3	83.4	2.2	6.7	1.7	3.0	1.2	0.4	0.1	84.7	2.2	13.1	0.088	0.519	22.601371	-102.764340
T. Izq. Jerez de García Salinas	289.13	1	2	2231	1.2	84.6	1.8	6.7	1.3	3.0	1.0	0.3	0.1	85.8	1.8	12.4	0.091	0.519	22.601453	-102.764396
T. Izq. Jerez de García Salinas	289.13	3	1	5153	1.4	85.3	2.2	5.2	1.7	2.4	1.2	0.4	0.2	86.7	2.2	11.1	0.093	0.514	22.625424	-102.750956
T. Izq. Jerez de García Salinas	289.13	3	2	4869	1.6	85.1	2.2	5.1	1.5	2.6	1.2	0.4	0.3	86.7	2.2	11.1	0.093	0.514	22.625469	-102.751038
T. C. Zacatecas - Durango	311.83	1	1	12316	2.4	82.3	3.2	7.0	2.1	1.6	1.1	0.3	0.0	84.7	3.2	12.1	0.113	0.516	22.771700	-102.630524
T. C. Zacatecas - Durango	311.83	1	2	13110	2.5	82.1	2.9	7.0	2.2	1.7	1.2	0.4	0.0	84.6	2.9	12.5	0.129	0.516	22.771815	-102.630593

13 CARR: Jerez - Fresnillo

CLAVE: 32542

RUTA: MEX-023

AÑO: 2024

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
Jerez	0.00	3	0	2444	3.0	84.9	1.8	6.5	1.6	1.7	0.4	0.1	0.0	87.9	1.8	10.3	0.091	0.522	22.682142	-103.016392
T. C. Ent. Fresnillo - Valparaíso	60.00	1	0	4517	3.7	81.1	1.3	7.8	2.7	2.3	0.9	0.2	0.0	84.8	1.3	13.9	0.085	0.541	23.157531	-102.882293

ZACATECAS

14 CARR: Libramiento de Guadalupe - Zacatecas

CLAVE: 32582

ruta: MEX-045

AÑO: 2024

L U G A R	E S T A C I O N				C L A S I F I C A C I O N V E H I C U L A R E N P O R C I E N T O														C O O R D E N A D A S	
	KM	TE	SC	TDPA	M	A	B	C2	C3	T3S2	T3S3	T3S2R4	OTROS	A	B	C	K'	D	LATITUD	LONGITUD
T. C. Aguascalientes - Zacatecas (Alta)	0.00	3	1	14836	1.9	75.9	3.4	9.8	2.6	2.7	2.8	0.7	0.2	77.8	3.4	18.8	0.085	0.524	22.740979	-102.503903
T. C. Aguascalientes - Zacatecas (Baja)	0.00	3	1	6072	5.4	82.6	0.6	7.1	1.3	1.4	0.9	0.6	0.1	88.0	0.6	11.4	0.099	0.545	22.741116	-102.503988
T. C. Aguascalientes - Zacatecas (Alta)	0.00	3	2	13468	2.3	75.1	3.6	9.5	2.8	3.2	2.5	0.8	0.2	77.4	3.6	19.0	0.083	0.524	22.739968	-102.506663
T. C. Aguascalientes - Zacatecas (Baja)	0.00	3	2	5070	5.6	81.9	1.0	7.3	1.6	1.3	0.8	0.4	0.1	87.5	1.0	11.5	0.093	0.545	22.739527	-102.507099
Av. Jesús Reyes Heróles	9.80	1	1	10583	3.4	85.6	2.6	4.1	2.0	1.6	0.4	0.2	0.1	89.0	2.6	8.4	0.097	0.515	22.755873	-102.566536
Av. Jesús Reyes Heróles	9.80	1	2	9968	3.4	86.2	2.3	4.1	1.9	1.5	0.3	0.2	0.1	89.6	2.3	8.1	0.087	0.515	22.755762	-102.566540
X. C. Cieneguillas - Zacatecas (Alta)	13.00	3	1	17524	6.8	76.7	2.9	3.8	2.4	3.5	2.0	1.5	0.4	83.5	2.9	13.6	0.119	0.509	22.757054	-102.598037
X. C. Cieneguillas - Zacatecas (Alta)	13.00	3	2	16935	6.3	78.9	2.4	4.3	2.1	3.3	1.5	1.0	0.2	85.2	2.4	12.4	0.115	0.509	22.756977	-102.598058
T. C. Zacatecas - Durango	17.50	1	1	12752	1.7	79.5	2.4	6.0	2.2	4.4	2.2	1.3	0.3	81.2	2.4	16.4	0.145	0.528	22.773105	-102.618305
T. C. Zacatecas - Durango	17.50	1	2	14267	2.2	78.7	2.9	5.9	2.3	4.3	2.1	1.3	0.3	80.9	2.9	16.2	0.110	0.528	22.773017	-102.618349

15 CARR: Libramiento de Río Grande

CLAVE:

ruta: MEX-049

AÑO: 2024

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 Chicharrona - Cuencamé (Sur)	55.90	3	0	7024	3.1	49.0	4.6	11.4	5.6	15.2	5.8	4.4	0.9	52.1	4.6	43.3	0.060	0.501	23.806993	-103.013589
T. C. La Chicharrona - Cuencamé (Norte)	68.59	1	0	7976	3.0	49.5	4.1	12.9	3.7	18.6	3.3	4.3	0.6	52.5	4.1	43.4	0.073	0.530	23.862313	-103.067315

16 CARR: Libramiento de Sombrerete

CLAVE:

ruta: MEX-045

AÑO: 2024

L U G A R	E S T A C I O N				C L A S I F I C A C I O N V E H I C U L A R E N P O R C I E N T O														C O O R D E N A D A S	
	KM	TE	SC	TDPA	M	A	B	C2	C3	T3S2	T3S3	T3S2R4	OTROS	A	B	C	K'	D	LATITUD	LONGITUD
T. C. Zacatecas - Durango Oriente	158.00																			
T. C. Zacatecas - Durango Poniente	163.50	1	0	3686	2.0	72.7	2.9	6.1	3.1	10.1	1.5	1.4	0.2	74.7	2.9	22.4	0.076	0.506	23.656085	-103.650450

17 CARR: Libramiento de Tabasco

CLAVE:

ruta: MEX-054

AÑO: 2024

L U G A R	E S T A C I O N				C L A S I F I C A C I O N V E H I C U L A R E N P O R C I E N T O														C O O R D E N A D A S	
	KM	TE	SC	TDPA	M	A	B	C2	C3	T3S2	T3S3	T3S2R4	OTROS	A	B	C	K'	D	LATITUD	LONGITUD
T. C. Guadalajara - Zacatecas Sur	185.00																			
T. C. Guadalajara - Zacatecas Norte	190.10	1	0	3560	1.8	76.6	1.6	12.4	2.0	2.8	0.7	1.8	0.3	78.4	1.6	20.0	0.088	0.514	21.878514	-102.911086

ZACATECAS

18 CARR: Providencia - Luis Moya

CLAVE: 00112

RUTA: MEX-071

AÑO: 2024

L U G A R	E S T A C I O N				C L A S I F I C A C I O N V E H I C U L A R E N P O R C I E N T O													C O O R D E N A D A S		
	KM	TE	SC	TDPA	M	A	B	C2	C3	T3S2	T3S3	T3S2R4	OTROS	A	B	C	K'	D	LATITUD	LONGITUD
T. C. Aguascalientes - Zacatecas	0.00	3	0	5378	5.7	74.9	1.9	4.1	3.0	2.9	2.8	3.8	0.9	80.6	1.9	17.5	0.080	0.512	22.060780	-102.273937
T. Izq. Pabellón de Arteaga	12.10	1	0	5455	4.0	79.1	2.2	4.3	2.8	1.9	2.1	2.8	0.8	83.1	2.2	14.7	0.087	0.524	22.144803	-102.251387
T. Der. Villa Juárez	14.90	3	0	6912	4.3	81.1	3.1	4.7	1.3	1.4	1.1	2.5	0.5	85.4	3.1	11.5	0.078	0.509	22.177249	-102.245359
X. C. Rincón de Romos - Ciénega Grande	21.22	3	0	6057	4.4	82.4	1.7	3.7	2.9	1.5	1.9	1.3	0.2	86.8	1.7	11.5	0.088	0.509	22.230939	-102.241393
X. C. La Punta - Mesillas	30.35	3	0	3413	5.8	81.4	1.5	3.3	1.5	2.6	2.5	1.2	0.2	87.2	1.5	11.3	0.085	0.505	22.317015	-102.233800
San Jacinto	34.25	3	0	2661	9.4	75.1	2.5	4.5	1.5	2.9	2.2	1.6	0.3	84.5	2.5	13.0	0.079	0.513	22.352981	-102.232515
Lim. Edos. Term. Ags. Ppia. Zac.	37.50																			
Luis Moya	43.52	1	0	4595	2.1	73.6	1.0	15.9	2.4	2.8	1.4	0.6	0.2	75.7	1.0	23.3	0.072	0.508	22.423553	-102.246320

19 CARR: Ramal a Aeropuerto Zacatecas

CLAVE: 32546

RUTA: MEX-045

AÑO: 2024

L U G A R	E S T A C I O N				C L A S I F I C A C I O N V E H I C U L A R E N P O R C I E N T O													C O O R D E N A D A S		
	KM	TE	SC	TDPA	M	A	B	C2	C3	T3S2	T3S3	T3S2R4	OTROS	A	B	C	K'	D	LATITUD	LONGITUD
T. C. Zacatecas - Durango	0.00	3	1	2354	2.7	78.6	3.4	10.2	2.1	1.5	0.2	0.8	0.5	81.3	3.4	15.3	0.147	0.523	22.909138	-102.674444
T. C. Zacatecas - Durango	0.00	3	2	2144	2.8	78.8	3.5	10.0	2.1	1.2	0.3	0.8	0.5	81.6	3.5	14.9	0.149	0.523	22.909101	-102.674362
Aeropuerto	1.95																			

20 CARR: Ramal a Concepción del Oro

CLAVE: 32565

RUTA: MEX-054

AÑO: 2024

L U G A R	E S T A C I O N				C L A S I F I C A C I O N V E H I C U L A R E N P O R C I E N T O													C O O R D E N A D A S		
	KM	TE	SC	TDPA	M	A	B	C2	C3	T3S2	T3S3	T3S2R4	OTROS	A	B	C	K'	D	LATITUD	LONGITUD
T. C. Ent. Morelos - Saltillo	0.00	3	0	6982	6.7	56.5	4.4	11.3	6.8	9.2	2.6	2.1	0.4	63.2	4.4	32.4	0.093	0.526	24.620303	-101.403952
Concepción del Oro	3.20																			

21 CARR: Ramal a Francisco Murguía (Nieves)

CLAVE: 32541

RUTA: MEX-049

AÑO: 2024

L U G A R	E S T A C I O N				C L A S I F I C A C I O N V E H I C U L A R E N P O R C I E N T O														C O O R D E N A D A S	
	KM	TE	SC	TDPA	M	A	B	C2	C3	T3S2	T3S3	T3S2R4	OTROS	A	B	C	K'	D	LATITUD	LONGITUD
T. C. Ent. La Chicharrona - Cuencamé	0.00	3	0	1436	4.3	77.0	1.1	15.0	0.7	1.1	0.6	0.2	0.0	81.3	1.1	17.6	0.133	0.504	23.924838	-103.155766
Francisco Murguía (Nieves)	17.40																			

ZACATECAS

22 CARR : Ramal a Gral. Pánfilo Natera

CLAVE: 32559

RUTA : MEX-049

AÑO : 2024

LUGAR	ESTACION				CLASIFICACION VEHICULAR EN PORCIENTO														COORDENADAS	
	KM	TE	SC	TDPA	M	A	B	C2	C3	T3S2	T3S3	T3S2R4	OTROS	A	B	C	K'	D	LATITUD	LONGITUD
T. C. San Luis Potosí - Ent. Arcinas	0.00	3	1	2422	4.0	75.6	2.1	13.5	3.2	1.1	0.5	0.0	0.0	79.6	2.1	18.3	0.099	0.503	22.674442	-102.107660
T. C. San Luis Potosí - Ent. Arcinas	0.00	3	2	2450	4.6	75.8	2.5	13.0	2.8	1.0	0.3	0.0	0.0	80.4	2.5	17.1	0.093	0.503	22.674425	-102.107570
Gral. Pánfilo Natera	1.50																			

23 CARR : Ramal a Ruinas de Chicomostoc

CLAVE: 00544

RUTA : MEX-045

AÑO : 2024

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. Guadalajara - Zacatecas	0.00	3	0	87	13.0	75.6	5.0	5.7	0.7	0.0	0.0	0.0	0.0	88.6	5.0	6.4	0.333	0.500	22.457077	-102.827686
Ruinas de Chicomostoc	2.20																			

24 CARR : Ramal a San Martín

CLAVE: 00544

RUTA : MEX-045

AÑO : 2024

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. Zacatecas - Durango	0.00	3	0	1451	2.6	79.5	0.9	10.4	4.3	1.4	0.6	0.3	0.0	82.1	0.9	17.0	0.104	0.523	23.689944	-103.720426
San Martín	4.00																			

25 CARR : Ramal a Villa de Cos

CLAVE: 32564

RUTA : MEX-054

AÑO : 2024

LUGAR	ESTACION				CLASIFICACION VEHICULAR EN PORCIENTO														COORDENADAS	
	KM	TE	SC	TDPA	M	A	B	C2	C3	T3S2	T3S3	T3S2R4	OTROS	A	B	C	K'	D	LATITUD	LONGITUD
T. C. Ent. Morelos - Saltillo	0.00	3	1	2638	4.4	87.8	0.9	4.8	1.1	0.6	0.4	0.0	0.0	92.2	0.9	6.9	0.084	0.528	23.272873	-102.332290
T. C. Ent. Morelos - Saltillo	0.00	3	2	2358	4.3	87.1	0.7	5.3	1.2	0.8	0.4	0.2	0.0	91.4	0.7	7.9	0.087	0.528	23.272828	-102.332367
Villa de Cos	3.30	1	1	3135	4.5	84.7	0.7	7.7	1.0	0.9	0.5	0.0	0.0	89.2	0.7	10.1	0.092	0.509	23.288746	-102.343018
Villa de Cos	3.30	1	2	3024	4.5	83.7	0.8	8.3	1.0	1.2	0.5	0.0	0.0	88.2	0.8	11.0	0.099	0.509	23.288668	-102.343043

26 CARR : San Luis Potosí - Ent. Arcinas

CLAVE: 00134

RUTA : MEX-049

AÑO : 2024

LUGAR	ESTACION				CLASIFICACION VEHICULAR EN PORCIENTO														COORDENADAS	
	KM	TE	SC	TDPA	M	A	B	C2	C3	T3S2	T3S3	T3S2R4	OTROS	A	B	C	K'	D	LATITUD	LONGITUD
T. C. San Luis Potosí - Matehuala	0.00																			
T. Izq. Periférico de San Luis Potosí	9.35	3	1	12256	5.4	83.6	2.0	3.9	1.2	1.7	0.8	0.9	0.5	89.0	2.0	9.0	0.105	0.505	22.206628	-101.031928
T. Izq. Periférico de San Luis Potosí	9.35	3	2	12005	5.3	82.6	2.2	4.5	1.5	1.9	0.7	0.9	0.4	87.9	2.2	9.9	0.096	0.505	22.206546	-101.032035
Mexquitic	22.50	1	1	6804	9.3	68.8	2.6	4.1	1.8	7.6	2.0	2.9	0.9	78.1	2.6	19.3	0.096	0.511	22.247910	-101.102659

ZACATECAS

26 CARR: San Luis Potosí - Ent. Arcinas

CLAVE: 00134

ruta: MEX-049

AÑO: 2024

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
Mexquitic	22.50	1	2	6517	9.0	66.1	2.8	4.7	1.9	9.1	2.2	3.3	0.9	75.1	2.8	22.1	0.086	0.511	22.249038	-101.105047
Mexquitic	22.50	3	1	6159	4.3	69.3	3.6	4.7	2.0	10.0	2.1	3.2	0.8	73.6	3.6	22.8	0.097	0.502	22.256584	-101.125963
Mexquitic	22.50	3	2	6215	4.8	68.2	3.5	4.8	2.1	10.2	2.2	3.3	0.9	73.0	3.5	23.5	0.074	0.502	22.256523	-101.126019
T. Der. Charcas	30.90	1	1	7341	4.4	68.7	4.3	5.4	1.9	8.6	2.0	3.8	0.9	73.1	4.3	22.6	0.080	0.510	22.308335	-101.156003
T. Der. Charcas	30.90	1	2	7054	3.9	66.6	4.4	5.9	2.0	10.0	2.2	4.0	1.0	70.5	4.4	25.1	0.084	0.510	22.308241	-101.156080
T. Der. Charcas	30.90	3	1	5292	4.9	68.5	3.5	4.8	2.4	7.9	2.9	4.2	0.9	73.4	3.5	23.1	0.081	0.509	22.318271	-101.170307
T. Der. Charcas	30.90	3	2	5109	4.7	66.1	3.9	5.2	2.5	9.2	3.1	4.4	0.9	70.8	3.9	25.3	0.085	0.509	22.318207	-101.170357
Lim. Edos. Term. S. L. P. Ppia. Zac.	55.13																			
Lim. Edos. Term. Zac. Ppia. S. L. P.	89.30																			
T. Der. Salinas	99.00	1	1	3724	5.7	61.0	5.2	4.1	2.4	12.3	3.3	5.1	0.9	66.7	5.2	28.1	0.075	0.517	22.603035	-101.706036
T. Der. Salinas	99.00	1	2	3479	4.8	57.5	5.4	4.6	2.8	14.2	3.9	5.9	0.9	62.3	5.4	32.3	0.088	0.517	22.602930	-101.706095
T. Der. Salinas	99.00	3	1	3973	5.8	58.3	4.8	4.0	2.1	15.8	3.0	5.2	1.0	64.1	4.8	31.1	0.084	0.533	22.619302	-101.737911
T. Der. Salinas	99.00	3	2	4540	6.1	55.9	5.8	5.3	1.8	15.8	2.8	5.5	1.0	62.0	5.8	32.2	0.083	0.533	22.619231	-101.738789
Lim. Edos. Term. S. L. P. Ppia. Zac.	122.47																			
T. Izq. Pánfilo Natera	139.00	1	1	3362	3.9	54.3	4.9	13.6	3.8	10.6	3.9	4.0	1.0	58.2	4.9	36.9	0.080	0.540	22.678794	-102.096585
T. Izq. Pánfilo Natera	139.00	1	2	3944	3.4	55.0	4.5	14.3	2.8	11.3	3.5	4.3	0.9	58.4	4.5	37.1	0.086	0.540	22.678613	-102.096611
Ent. Arcinas	162.98	1	1	4384	2.1	54.6	6.5	13.2	3.6	11.1	3.9	4.2	0.8	56.7	6.5	36.8	0.073	0.507	22.719950	-102.325293
Ent. Arcinas	162.98	1	2	4516	1.9	56.3	6.5	13.3	3.8	9.8	3.6	3.9	0.9	58.2	6.5	35.3	0.063	0.507	22.719773	-102.325350

27 CARR: San Luis Potosí - Lagos de Moreno

CLAVE: 00133

ruta: MEX-070-080

AÑO: 2024

LUGAR	ESTACION				CLASIFICACION VEHICULAR EN PORCIENTO														COORDENADAS	
	KM	TE	SC	TDPA	M	A	B	C2	C3	T3S2	T3S3	T3S2R4	OTROS	A	B	C	K'	D	LATITUD	LONGITUD
San Luis Potosí	0.00	3	1	20056	3.6	92.6	0.3	1.5	0.4	0.4	0.5	0.4	0.3	96.2	0.3	3.5	0.084	0.517	22.133833	-101.031022
San Luis Potosí	0.00	3	2	21441	3.3	93.0	0.4	1.6	0.3	0.4	0.5	0.3	0.2	96.3	0.4	3.3	0.076	0.517	22.133762	-101.030904
X. Periférico de San Luis Potosí	8.41	3	0	12944	4.4	80.6	1.6	4.6	2.7	3.9	1.2	0.5	0.5	85.0	1.6	13.4	0.074	0.518	22.127522	-101.045546
El Tepetate	41.90	1	0	7993	3.4	63.2	4.1	5.0	2.5	12.5	3.3	5.3	0.7	66.6	4.1	29.3	0.072	0.537	22.025621	-101.224392
El Tepetate	41.90	3	0	8798	3.7	66.1	3.6	4.1	2.4	9.9	2.8	6.5	0.9	69.8	3.6	26.6	0.083	0.501	22.004438	-101.253863
Villa de Arriaga	61.90	3	0	5137	3.3	67.1	4.9	6.9	2.9	9.2	3.4	1.9	0.4	70.4	4.9	24.7	0.079	0.523	21.896940	-101.408368
Lim. Edos. Term. S. L. P. Ppia. Zac.	70.23																			
Lim. Edos. Term. Zac. Ppia. Jal.	82.94																			
Ojuelos de Jalisco	83.20	1	0	5800	6.0	77.5	4.2	4.5	1.7	4.0	1.1	0.9	0.1	83.5	4.2	12.3	0.100	0.516	21.875475	-101.572926
Ojuelos de Jalisco	83.20	3	0	2727	6.2	73.4	3.2	5.8	1.8	6.0	2.4	1.1	0.1	79.6	3.2	17.2	0.084	0.501	21.854309	-101.593879
X. C. Lagos de Moreno - San Luis Potosí (Cuota)	140.00	1	0	4857	6.7	74.6	3.0	5.8	2.4	4.7	1.8	0.8	0.2	81.3	3.0	15.7	0.067	0.505	21.446097	-101.808366
X. C. León - Aguascalientes	146.90	1	1	7382	6.9	63.6	4.1	5.4	2.2	10.5	1.8	5.1	0.4	70.5	4.1	25.4	0.106	0.501	21.375725	-101.894433

ZACATECAS

27 CARR: San Luis Potosí - Lagos de Moreno

CLAVE: 00133

ruta: MEX-070-080

AÑO: 2024

LUGAR	ESTACION				CLASIFICACION VEHICULAR EN PORCIENTO														COORDENADAS	
	KM	TE	SC	TDPA	M	A	B	C2	C3	T3S2	T3S3	T3S2R4	OTROS	A	B	C	K'	D	LATITUD	LONGITUD
X. C. León - Aguascalientes	146.90	1	2	7400	7.8	58.4	4.8	6.4	2.7	11.3	2.0	6.1	0.5	66.2	4.8	29.0	0.106	0.501	21.375635	-101.894360
Lagos de Moreno	150.00																			

28 CARR: Zacatecas - Durango

CLAVE: 00544

ruta: MEX-045

AÑO: 2024

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
Zacatecas	0.00																			
T. Izq. Guadalajara	6.40	3	1	17225	1.2	79.1	2.9	8.3	4.0	3.6	0.4	0.4	0.1	80.3	2.9	16.8	0.101	0.531	22.782591	-102.627200
T. Izq. Guadalajara	6.40	3	2	15186	1.3	78.8	3.0	8.0	4.2	3.5	0.4	0.6	0.2	80.1	3.0	16.9	0.089	0.531	22.782610	-102.627295
T. Der. Saltillo (T. Morelos)	15.00	1	1	16743	1.1	79.0	4.3	6.3	2.4	3.4	1.9	1.5	0.1	80.1	4.3	15.6	0.092	0.503	22.850415	-102.623967
T. Der. Saltillo (T. Morelos)	15.00	1	2	16533	1.3	79.1	4.0	6.5	2.6	3.3	1.7	1.2	0.3	80.4	4.0	15.6	0.094	0.503	22.851249	-102.643950
T. Der. Saltillo (T. Morelos)	15.00	3	1	15765	1.7	71.6	5.0	9.4	2.6	4.0	1.7	3.3	0.7	73.3	5.0	21.7	0.086	0.506	22.877587	-102.638987
T. Der. Saltillo (T. Morelos)	15.00	3	2	16178	1.7	71.6	4.8	9.0	3.2	4.3	2.0	2.9	0.5	73.3	4.8	21.9	0.103	0.506	22.870456	-102.651915
T. Libramiento de Víctor Rosales	26.20																			
Víctor Rosales	28.00	1	1	14515	1.7	74.5	3.4	6.0	2.9	7.2	2.2	1.7	0.4	76.2	3.4	20.4	0.079	0.512	22.919344	-102.676059
Víctor Rosales	28.00	1	2	15243	2.2	73.4	3.5	5.4	3.3	6.9	2.2	2.5	0.6	75.6	3.5	20.9	0.080	0.512	22.919222	-102.676303
T. Der. Facultad de Veterinaria	32.30	1	1	10279	1.8	64.9	4.5	9.6	2.5	12.1	2.2	1.8	0.6	66.7	4.5	28.8	0.068	0.531	22.975081	-102.722285
T. Der. Facultad de Veterinaria	32.30	1	2	9098	1.5	66.8	4.1	9.3	2.5	11.5	2.4	1.5	0.4	68.3	4.1	27.6	0.085	0.531	22.975026	-102.722374
Gral. Enrique Estrada	34.60	3	1	10865	1.9	65.6	4.6	9.5	2.2	12.0	2.5	1.4	0.3	67.5	4.6	27.9	0.073	0.519	23.012014	-102.751609
Gral. Enrique Estrada	34.60	3	2	10085	1.8	66.6	4.2	9.3	2.2	11.6	2.2	1.6	0.5	68.4	4.2	27.4	0.074	0.519	23.011962	-102.751883
T. Libramiento de Víctor Rosales	35.90																			
T. Libramiento de Fresnillo Sur	49.30																			
Fresnillo	58.50	1	1	10079	1.7	78.3	3.4	9.0	2.5	2.8	2.0	0.3	0.0	80.0	3.4	16.6	0.088	0.522	23.160446	-102.852383
Fresnillo	58.50	1	2	9246	1.5	77.7	3.5	8.8	2.9	2.9	2.5	0.2	0.0	79.2	3.5	17.3	0.080	0.522	23.160171	-102.852360
T. C. Libramiento de Fresnillo (Cuota) Norte	66.40	1	1	5526	2.5	70.7	5.3	9.8	7.3	2.1	1.5	0.7	0.1	73.2	5.3	21.5	0.096	0.530	23.236462	-102.915577
T. C. Libramiento de Fresnillo (Cuota) Norte	66.40	1	2	6228	2.7	70.3	5.2	10.0	7.4	2.0	1.3	0.9	0.2	73.0	5.2	21.8	0.074	0.530	23.236410	-102.915681
Ent. La Chicharrona	74.30	1	1	9201	1.7	66.7	3.7	10.1	3.1	8.1	3.6	2.4	0.6	68.4	3.7	27.9	0.084	0.504	23.288732	-102.951665
Ent. La Chicharrona	74.30	1	2	9050	1.9	64.9	4.1	10.5	3.2	8.5	3.8	2.2	0.9	66.8	4.1	29.1	0.083	0.504	23.288735	-102.952005
Ent. La Chicharrona	74.30	3	0	6869	1.7	65.1	5.7	17.2	2.8	4.2	2.2	0.9	0.2	66.8	5.7	27.5	0.085	0.522	23.307808	-102.964732
T. Der. Saín Alto	121.00	3	0	4404	1.7	67.1	5.0	14.8	2.6	4.9	2.5	1.2	0.2	68.8	5.0	26.2	0.084	0.505	23.580906	-103.273915
T. Izq. Sombrerete (2º Acceso)	161.50	3	0	5257	2.0	71.1	4.0	11.1	2.5	4.9	2.8	1.4	0.2	73.1	4.0	22.9	0.095	0.514	23.646813	-103.651493
T. C. Libramiento de Sombrerete	165.00	3	0	5699	2.3	71.0	5.2	13.2	1.8	3.3	1.6	1.3	0.3	73.3	5.2	21.5	0.090	0.505	23.660675	-103.668855
Lim. Edos. Term. Zac. Ppia. Dgo.	190.08																			
X. C. Súchil - Villa Unión	206.98	1	0	4151	4.1	74.0	5.5	3.8	2.0	5.8	2.4	2.0	0.4	78.1	5.5	16.4	0.099	0.530	23.750125	-103.963320

ZACATECAS

28 CARR : Zacatecas - Durango

CLAVE: 00544

ruta: MEX-045

AÑO: 2024

LUGAR	ESTACION				CLASIFICACION VEHICULAR EN PORCIENTO														COORDENADAS	
	KM	TE	SC	TDPA	M	A	B	C2	C3	T3S2	T3S3	T3S2R4	OTROS	A	B	C	K'	D	LATITUD	LONGITUD
X. C. Súchil - Villa Unión	206.98	3	0	6894	5.5	77.3	3.8	4.8	1.1	4.2	1.5	1.4	0.4	82.8	3.8	13.4	0.085	0.510	23.744194	-104.000630
T. Izq. Graceros	210.00	1	0	6188	5.1	77.4	3.9	5.2	1.2	3.5	1.6	1.7	0.4	82.5	3.9	13.6	0.088	0.502	23.747799	-104.034190
Amado Nervo	231.51	1	0	5245	5.2	73.6	4.6	6.2	1.4	5.1	1.8	1.7	0.4	78.8	4.6	16.6	0.086	0.520	23.839304	-104.180426
Amado Nervo	231.51	3	0	6947	5.8	75.6	4.3	5.3	1.5	4.4	1.5	1.3	0.3	81.4	4.3	14.3	0.080	0.502	23.844279	-104.195714
Nombre de Dios	236.80	1	0	2753	8.8	77.7	4.0	8.5	0.6	0.1	0.1	0.1	0.1	86.5	4.0	9.5	0.085	0.505	23.843786	-104.223828
Nombre de Dios	236.80	3	0	4199	10.2	84.7	1.5	2.9	0.3	0.2	0.1	0.1	0.0	94.9	1.5	3.6	0.096	0.510	23.851333	-104.248827
T. Der. Constancia	240.60	3	0	5980	2.8	79.1	4.4	4.1	1.5	3.6	2.1	1.9	0.5	81.9	4.4	13.7	0.085	0.505	23.872137	-104.269018
T. Der. Tuitán	250.80	3	0	6578	4.1	79.1	4.5	3.6	1.2	4.4	1.4	1.4	0.3	83.2	4.5	12.3	0.100	0.524	23.923113	-104.337215
T. Der. Independencia y Libertad	261.70	1	0	6681	4.5	79.5	4.3	3.5	0.9	4.4	1.5	1.2	0.2	84.0	4.3	11.7	0.097	0.521	23.993473	-104.373940
T. Der. Independencia y Libertad	261.70	3	1	4025	1.1	82.2	4.5	3.4	1.5	3.8	1.6	1.5	0.4	83.3	4.5	12.2	0.146	0.503	24.011760	-104.405197
T. Der. Independencia y Libertad	261.70	3	2	4077	1.7	80.3	4.7	3.9	1.5	4.2	1.7	1.6	0.4	82.0	4.7	13.3	0.101	0.503	24.011654	-104.405198
T. Izq. Parras de La Fuente	276.60	1	1	4296	1.8	81.0	4.6	3.9	1.5	3.9	1.5	1.3	0.5	82.8	4.6	12.6	0.128	0.538	24.019155	-104.506511
T. Izq. Parras de La Fuente	276.60	1	2	5003	1.8	81.5	4.6	3.8	1.6	3.5	1.4	1.4	0.4	83.3	4.6	12.1	0.093	0.538	24.019060	-104.506530
T. Izq. Parras de La Fuente	276.60	3	1	4494	4.4	83.2	3.4	5.2	1.5	1.4	0.6	0.3	0.0	87.6	3.4	9.0	0.088	0.511	24.021358	-104.527036
T. Izq. Parras de La Fuente	276.60	3	2	5014	4.2	83.5	3.4	5.2	1.5	1.3	0.5	0.4	0.0	87.7	3.4	8.9	0.089	0.511	24.021244	-104.527049
Durango	287.30	1	1	7330	5.2	85.4	1.6	4.7	1.1	1.0	0.5	0.4	0.1	90.6	1.6	7.8	0.089	0.504	24.026363	-104.574446
Durango	287.30	1	2	7225	5.1	85.2	1.8	4.6	1.3	0.9	0.4	0.6	0.1	90.3	1.8	7.9	0.097	0.504	24.026256	-104.574472

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

CLAVE: 32558

ruta: MEX-045D

AÑO: 2024

LUGAR	ESTACION				CLASIFICACION VEHICULAR EN PORCIENTO														COORDENADAS	
	KM	TE	SC	TDPA	M	A	B	C2	C3	T3S2	T3S3	T3S2R4	OTROS	A	B	C	K'	D	LATITUD	LONGITUD
T. C. Ent. Cosío - Ent. Cuauhtémoc	70.40	3	0	10926	2.4	56.6	5.9	12.9	3.9	10.1	3.3	4.0	0.9	59.0	5.9	35.1	0.054	0.517	22.492199	-102.361133
Plaza de Cobro Zacatecas	97.80	2	0	9160	0.3	46.9	4.4	5.0	4.3	22.5	4.6	9.2	2.8	47.2	4.4	48.4	0.067	0.500	22.710742	-102.448827
T. C. Aguascalientes - Zacatecas	103.40	1	0	9057	3.2	52.5	8.1	13.6	4.1	12.8	2.9	2.1	0.7	55.7	8.1	36.2	0.064	0.516	22.745527	-102.453341

30 CARR : Libramiento de Fresnillo (Cuota)

CLAVE: 32581

ruta: MEX-045D

AÑO: 2024

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. Zacatecas - Durango	49.80	3	1	3426	1.9	50.7	5.3	8.0	2.9	18.4	3.9	8.4	0.5	52.6	5.3	42.1	0.060	0.538	23.117371	-102.806715
T. C. Zacatecas - Durango	49.80	3	2	3986	1.8	49.1	5.7	8.4	3.0	18.9	3.9	8.4	0.8	50.9	5.7	43.4	0.062	0.538	23.118924	-102.807388
Plaza de Cobro Morfín Chávez	57.05	2	1	3981	0.5	51.9	2.3	4.4	4.4	21.9	4.4	8.7	1.5	52.4	2.3	45.3	0.088	0.500	23.177904	-102.828678
Plaza de Cobro Morfín Chávez	57.05	2	2	3981	0.5	51.9	2.3	4.4	4.4	21.9	4.4	8.7	1.5	52.4	2.3	45.3	0.088	0.500	23.177904	-102.828678
T. Der. Plateros	61.70	1	1	3895	1.9	56.6	3.1	8.5	4.3	16.6	3.1	5.1	0.8	58.5	3.1	38.4	0.065	0.533	23.185513	-102.831647

ZACATECAS

30 CARR: Libramiento de Fresnillo (Cuota)

CLAVE: 32581

RUTA: MEX-045D

AÑO: 2024

LUGAR	ESTACION				CLASIFICACION VEHICULAR EN PORCIENTO														COORDENADAS	
	KM	TE	SC	TDPA	M	A	B	C2	C3	T3S2	T3S3	T3S2R4	OTROS	A	B	C	K'	D	LATITUD	LONGITUD
T. Der. Plateros	61.70	1	2	4447	2.1	57.1	2.6	8.7	4.1	16.4	3.1	5.1	0.8	59.2	2.6	38.2	0.065	0.533	23.185444	-102.831917
T. Der. Plateros	61.70	3	1	4217	1.5	55.7	3.2	8.6	3.9	18.1	3.4	4.9	0.7	57.2	3.2	39.6	0.064	0.522	23.211151	-102.855460
T. Der. Plateros	61.70	3	2	4613	1.7	56.2	3.1	8.2	3.7	18.1	3.4	4.9	0.7	57.9	3.1	39.0	0.064	0.522	23.210923	-102.855607
T. C. Zacatecas - Durango	69.85	1	1	4233	1.9	57.5	5.3	11.8	2.7	11.7	3.9	4.3	0.9	59.4	5.3	35.3	0.064	0.507	23.238049	-102.913507
T. C. Zacatecas - Durango	69.85	1	2	4349	1.9	57.0	5.3	12.3	3.1	11.5	4.1	3.9	0.9	58.9	5.3	35.8	0.063	0.507	23.237890	-102.913796

31 CARR: Libramiento de Víctor Rosales (Cuota)

CLAVE: 32015

RUTA: MEX-045D

AÑO: 2024

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. Zacatecas - Durango	26.00	3	1	10355	1.8	64.7	4.1	8.8	3.9	10.4	2.4	3.3	0.6	66.5	4.1	29.4	0.069	0.515	22.935909	-102.688609
T. C. Zacatecas - Durango	26.00	3	2	9756	1.8	64.2	4.5	8.6	4.1	10.4	2.4	3.3	0.7	66.0	4.5	29.5	0.070	0.515	22.935959	-102.688820
Plaza de Cobro Calera Víctor Rosales	26.50	2	1	9035	0.5	70.5	2.9	6.5	0.0	12.3	2.6	4.7	0.0	71.0	2.9	26.1	0.085	0.500	22.941860	-102.689827
Plaza de Cobro Calera Víctor Rosales	26.50	2	2	9035	0.5	70.5	2.9	6.5	0.0	12.3	2.6	4.7	0.0	71.0	2.9	26.1	0.085	0.500	22.941860	-102.689827
T. C. Calera de Víctor Rosales - Santiagoullo	27.83	3	1	9215	1.8	65.5	4.6	9.1	3.7	9.7	2.2	2.7	0.7	67.3	4.6	28.1	0.071	0.515	22.955478	-102.692599
T. C. Calera de Víctor Rosales - Santiagoullo	27.83	3	2	8681	1.7	65.6	4.8	8.7	4.1	9.6	2.1	2.7	0.7	67.3	4.8	27.9	0.063	0.515	22.955042	-102.692716
T. C. Zacatecas - Durango	36.36	1	1	10455	1.9	64.8	4.1	9.3	4.0	10.0	2.0	3.2	0.7	66.7	4.1	29.2	0.065	0.515	23.005654	-102.744202
T. C. Zacatecas - Durango	36.36	1	2	11106	1.9	63.6	4.0	9.8	4.2	10.3	2.7	3.1	0.4	65.5	4.0	30.5	0.076	0.515	23.005498	-102.744273

32 CARR: Calera de Víctor Rosales - Santiagoullo

CLAVE: 32016

RUTA: ZAC-016

AÑO: 2024

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
Calera de Víctor Rosales	0.00	3	0	5482	11.1	66.5	2.7	12.6	1.5	3.2	1.7	0.4	0.3	77.6	2.7	19.7	0.079	0.534	22.959613	-102.682908
T. C. Fresnillo - Ent. Bañón	23.60																			

33 CARR: Cieneguillas - Zacatecas

CLAVE: 32579

RUTA: ZAC

AÑO: 2024

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. Guadalajara - Zacatecas	0.00	3	0	3184	1.9	78.2	1.3	14.1	1.9	2.4	0.2	0.0	0.0	80.1	1.3	18.6	0.092	0.507	22.760600	-102.654270
X. C. Libramiento de Guadalupe - Zacatecas	7.70	3	1	13578	4.2	75.8	2.1	9.5	3.9	3.5	0.6	0.3	0.1	80.0	2.1	17.9	0.072	0.506	22.756605	-102.590705
X. C. Libramiento de Guadalupe - Zacatecas	7.70	3	2	13276	3.6	75.6	2.3	9.8	3.6	3.8	0.7	0.5	0.1	79.2	2.3	18.5	0.079	0.506	22.756695	-102.590746
Zacatecas	9.33																			

ZACATECAS

34 CARR : Corral de Piedras - Tlaltenango

CLAVE: 32579

ruta: ZAC

AÑO : 2024

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. Guadalajara - Zacatecas	0.00	3	0	788	1.7	76.5	1.0	17.5	1.1	1.6	0.6	0.0	0.0	78.2	1.0	20.8	0.136	0.513	21.619376	-103.048213
Tlaltenango	57.10	1	0	1413	11.4	79.1	0.8	4.6	0.9	2.5	0.7	0.0	0.0	90.5	0.8	8.7	0.089	0.508	21.768369	-103.282139

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

CLAVE: 00126

ruta: ZAC

AÑO : 2024

L U G A R	E S T A C I O N				C L A S I F I C A C I O N V E H I C U L A R E N P O R C I E N T O													C O O R D E N A D A S		
	KM	TE	SC	TDPA	M	A	B	C2	C3	T3S2	T3S3	T3S2R4	OTROS	A	B	C	K'	D	LATITUD	LONGITUD
T. C. Aguascalientes - Zacatecas	0.00	3	0	3435	3.5	81.2	1.8	10.0	1.6	1.9	0.0	0.0	0.0	84.7	1.8	13.5	0.081	0.529	22.604595	-102.240001
Gral. Pánfilo Natera	16.00	3	0	2513	3.9	82.4	1.1	9.9	0.9	1.5	0.3	0.0	0.0	86.3	1.1	12.6	0.079	0.518	22.651978	-102.103481
Lim. Edos. Term. Zac. Ppia. Jal.	134.00																			
T. C. San Luis Potosí - Lagos de Moreno	137.00																			

36 CARR : Fresnillo - Ent. Bañón

CLAVE: 32070

ruta: ZAC

AÑO : 2024

L U G A R	E S T A C I O N				C L A S I F I C A C I O N V E H I C U L A R E N P O R C I E N T O													C O O R D E N A D A S		
	KM	TE	SC	TDPA	M	A	B	C2	C3	T3S2	T3S3	T3S2R4	OTROS	A	B	C	K'	D	LATITUD	LONGITUD
T. C. Zacatecas - Durango	0.00																			
X. Lib. Fresnillo (Cuota)	2.40	3	1	5620	3.8	80.8	1.0	11.6	1.0	0.8	0.8	0.2	0.0	84.6	1.0	14.4	0.075	0.519	23.177898	-102.823140
X. Lib. Fresnillo (Cuota)	2.40	3	2	6060	3.8	81.0	1.1	11.5	1.0	0.8	0.6	0.2	0.0	84.8	1.1	14.1	0.063	0.519	23.177994	-102.823175
T. Der. Víctor Rosales	23.80	1	0	3646	8.5	73.2	2.3	7.2	3.6	1.9	2.8	0.5	0.0	81.7	2.3	16.0	0.082	0.508	23.143905	-102.666179
T. Der. Víctor Rosales	23.80	3	0	1838	5.2	69.5	2.4	13.3	2.5	4.7	1.8	0.6	0.0	74.7	2.4	22.9	0.098	0.529	23.144134	-102.646177
González Ortega Bañón	45.80	1	0	1920	7.7	67.1	2.5	15.4	4.2	2.2	0.5	0.3	0.1	74.8	2.5	22.7	0.094	0.530	23.176798	-102.480692
T. C. Ent. Morelos - Saltillo	49.00	1	0	2802	7.5	67.3	2.6	15.4	4.2	2.0	0.6	0.3	0.1	74.8	2.6	22.6	0.091	0.507	23.153781	-102.417653

37 CARR : Fresnillo - Plateros

CLAVE: 32022

ruta: ZAC-022

AÑO : 2024

L U G A R	E S T A C I O N				C L A S I F I C A C I O N V E H I C U L A R E N P O R C I E N T O													C O O R D E N A D A S		
	KM	TE	SC	TDPA	M	A	B	C2	C3	T3S2	T3S3	T3S2R4	OTROS	A	B	C	K'	D	LATITUD	LONGITUD
Fresnillo (Central)	0.00	3	1	5809	6.7	81.6	1.0	8.4	1.0	0.6	0.4	0.3	0.0	88.3	1.0	10.7	0.066	0.500	23.202986	-102.855677
Fresnillo (Lateral)	0.00	3	1	98	36.1	51.4	5.5	4.6	1.3	1.1	0.0	0.0	0.0	87.5	5.5	7.0	0.173	0.500	23.203158	-102.855364
Fresnillo (Central)	0.00	3	2	5314	7.3	77.1	1.3	11.0	1.3	0.5	1.0	0.4	0.1	84.4	1.3	14.3	0.067	0.500	23.203807	-102.855708
Plateros	4.90																			

ZACATECAS

38 CARR: Guadalupe - Ent. Cuauhtémoc

CLAVE: 00579

ruta: ZAC-118

AÑO: 2024

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. Libramiento de Guadalupe - Zacatecas (Alta)	0.00	3	1	8896	4.6	86.8	0.9	5.3	1.3	0.6	0.3	0.2	0.0	91.4	0.9	7.7	0.088	0.531	22.735934	-102.496159
T. C. Libramiento de Guadalupe - Zacatecas (Baja)	0.00	3	1	3088	3.7	82.0	1.4	8.9	1.6	1.4	0.5	0.4	0.1	85.7	1.4	12.9	0.097	0.512	22.735900	-102.496239
T. C. Libramiento de Guadalupe - Zacatecas (Alta)	0.00	3	2	10077	4.8	87.0	0.8	4.4	1.4	0.9	0.4	0.3	0.0	91.8	0.8	7.4	0.109	0.531	22.736050	-102.496066
T. C. Libramiento de Guadalupe - Zacatecas (Baja)	0.00	3	2	2943	4.1	80.9	1.9	8.3	1.9	1.4	0.9	0.5	0.1	85.0	1.9	13.1	0.125	0.512	22.736213	-102.496007
La Cieneguita	3.00																			
T. C. Ent. Cuauhtémoc - Ent. Osiris Cuota	39.31	3	0	1811	2.6	80.3	0.9	13.0	1.7	1.4	0.1	0.0	0.0	82.9	0.9	16.2	0.104	0.509	22.485196	-102.360165

39 CARR: Ramal a Loreto

CLAVE: 32067

ruta: ZAC

AÑO: 2024

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. Providencia - Luis Moya	0.00	3	0	2200	2.1	76.7	2.3	11.8	3.0	2.8	1.2	0.1	0.0	78.8	2.3	18.9	0.075	0.524	22.390754	-102.239155
Loreto	32.30																			

40 CARR: Ramal a Nochistlán

CLAVE: 32545

ruta: ZAC

AÑO: 2024

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. Yahualica - Jaralillo	0.00	3	1	2333	6.6	79.9	1.5	9.4	1.8	0.6	0.1	0.1	0.0	86.5	1.5	12.0	0.120	0.509	21.355061	-102.792877
T. C. Yahualica - Jaralillo	0.00	3	2	2417	6.8	79.2	1.9	9.4	1.8	0.4	0.3	0.2	0.0	86.0	1.9	12.1	0.102	0.509	21.354973	-102.792912
Nochistlán	5.70	1	1	3047	6.7	80.0	1.7	9.7	1.1	0.5	0.2	0.1	0.0	86.7	1.7	11.6	0.115	0.503	21.356333	-102.819835
Nochistlán	5.70	1	2	3085	6.7	79.8	1.7	9.6	1.5	0.3	0.3	0.1	0.0	86.5	1.7	11.8	0.113	0.503	21.356230	-102.819854

41 CARR: Ramal a San Pedro Piedra Gorda

CLAVE: 00553

ruta: ZAC-AGS

AÑO: 2024

LUGAR	ESTACION				CLASIFICACION VEHICULAR EN PORCIENTO														COORDENADAS	
	KM	TE	SC	TDPA	M	A	B	C2	C3	T3S2	T3S3	T3S2R4	OTROS	A	B	C	K'	D	LATITUD	LONGITUD
T. C. Aguascalientes - Zacatecas	0.00	3	0	1433	1.9	78.1	2.7	13.0	1.3	2.6	0.4	0.0	0.0	80.0	2.7	17.3	0.092	0.508	22.465427	-102.262928
Lim. Edos. Term. Zac. Ppia. Ags.	5.00																			
Lim. Edos. Term. Ags. Ppia. Zac.	8.00																			
San Pedro Piedra Gorda	9.00	1	0	2200	4.0	75.7	1.9	13.6	1.5	2.4	0.9	0.0	0.0	79.7	1.9	18.4	0.090	0.504	22.452349	-102.338517

ZACATECAS

42 CARR: San Gil - Jarillas

CLAVE: 00527

RUTA: AGS-012-ZAC

AÑO: 2024

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. Rincón de Romos - Ciénega Grande	0.00	3	0	2760	11.8	77.4	3.2	3.9	2.0	0.9	0.4	0.3	0.1	89.2	3.2	7.6	0.099	0.502	22.213036	-102.022937
Guadalupe de Atlas	5.40	1	0	2791	14.3	75.8	1.7	5.3	1.8	0.9	0.1	0.1	0.0	90.1	1.7	8.2	0.082	0.531	22.259356	-102.026831
Lim. Edos. Term. Ags. Ppia. Zac.	10.00																			
Lim. Edos. Term. Zac. Ppia. Ags.	11.30																			
Jarillas	12.00																			

43 CARR: San Rafael - Villa García

CLAVE: 00525

RUTA: AGS-ZAC

AÑO: 2024

LUGAR	ESTACION				CLASIFICACION VEHICULAR EN PORCIENTO														COORDENADAS	
	KM	TE	SC	TDPA	M	A	B	C2	C3	T3S2	T3S3	T3S2R4	OTROS	A	B	C	K'	D	LATITUD	LONGITUD
T. C. Ent. La Calavera - Ent. San Pedro	0.00	3	0	2837	10.5	82.5	2.1	3.0	0.7	0.9	0.2	0.1	0.0	93.0	2.1	4.9	0.091	0.503	22.116416	-102.011515
Lim. Edos. Term. Ags. Ppia. Zac.	3.00																			
Villa García	10.00	1	0	3971	7.7	75.2	3.3	8.7	1.7	2.7	0.7	0.0	0.0	82.9	3.3	13.8	0.071	0.503	22.135373	-101.972298

44 CARR: Santa Mónica - Pozo de Gamboa

CLAVE: 32568

RUTA: ZAC

AÑO: 2024

LUGAR	ESTACION				CLASIFICACION VEHICULAR EN PORCIENTO														COORDENADAS	
	KM	TE	SC	TDPA	M	A	B	C2	C3	T3S2	T3S3	T3S2R4	OTROS	A	B	C	K'	D	LATITUD	LONGITUD
T. C. Aguascalientes - Zacatecas	0.00	3	0	7783	4.1	75.7	3.1	9.7	2.9	2.6	1.4	0.3	0.2	79.8	3.1	17.1	0.069	0.526	22.765959	-102.423125
Tacoaleche	7.60	3	0	3958	4.8	76.9	2.2	9.4	2.5	2.0	1.7	0.4	0.1	81.7	2.2	16.1	0.074	0.521	22.830406	-102.398410
Pozo de Gamboa	34.50																			

45 CARR: Sombrerete - González Ortega

CLAVE: 32568

RUTA: ZAC

AÑO: 2024

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. Zacatecas - Durango	0.00	3	0	1209	2.7	80.9	0.9	10.3	2.6	1.7	0.7	0.2	0.0	83.6	0.9	15.5	0.103	0.522	23.661599	-103.543429
González Ortega	38.70	1	0	994	4.2	77.7	3.7	11.2	0.8	1.9	0.3	0.2	0.0	81.9	3.7	14.4	0.080	0.520	23.944635	-103.461954

46 CARR: Yahualica - Jaralillo

CLAVE:

RUTA: JAL-ZAC

AÑO: 2024

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
Yahualica de González Gallo	0.00	3	1	1619	6.8	87.7	1.5	2.5	0.8	0.4	0.2	0.1	0.0	94.5	1.5	4.0	0.125	0.504	21.195677	-102.884738
Yahualica de González Gallo	0.00	3	2	1591	6.5	88.6	1.3	2.3	0.7	0.3	0.2	0.1	0.0	95.1	1.3	3.6	0.109	0.504	21.195670	-102.884814

ZACATECAS

46 CARR: Yahualica - Jaralillo CLAVE: RUTA: JAL-ZAC AÑO: 2024

LUGAR	ESTACION				CLASIFICACION VEHICULAR EN PORCIENTO														COORDENADAS	
	KM	TE	SC	TDPA	M	A	B	C2	C3	T3S2	T3S3	T3S2R4	OTROS	A	B	C	K'	D	LATITUD	LONGITUD
T. Der. Mexicacán	16.00	3	0	1323	2.8	87.6	1.8	4.0	1.9	1.1	0.5	0.2	0.1	90.4	1.8	7.8	0.125	0.520	21.254479	-102.802705
Lim. Edos. Term. Jal. Ppia. Zac.	22.00																			
Lim. Edos. Term. Zac. Ppia. Jal.	24.50																			
Teocaltiche	57.00	1	0	2971	4.6	86.3	2.3	3.7	1.0	1.0	0.5	0.5	0.1	90.9	2.3	6.8	0.084	0.527	21.425790	-102.589337
Teocaltiche	57.00	3	0	3212	5.4	85.5	1.8	4.2	1.4	1.1	0.5	0.1	0.0	90.9	1.8	7.3	0.100	0.517	21.455216	-102.555834
T. C. León - Aguascalientes	96.00	1	0	2960	4.6	83.0	2.7	3.0	2.6	1.7	1.3	0.5	0.6	87.6	2.7	9.7	0.110	0.504	21.642200	-102.279725

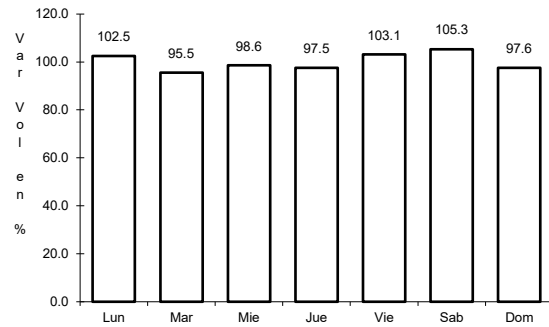
47 CARR: Libramiento Noreste de Zacatecas (Cuota) CLAVE: 32582 RUTA: ZAC-D AÑO: 2024

LUGAR	ESTACION				CLASIFICACION VEHICULAR EN PORCIENTO														COORDENADAS	
	KM	TE	SC	TDPA	M	A	B	C2	C3	T3S2	T3S3	T3S2R4	OTROS	A	B	C	K'	D	LATITUD	LONGITUD
T. C. Aguascalientes - Zacatecas	102.00	3	0	7042	2.5	33.9	8.1	10.9	9.6	20.3	5.8	8.0	0.9	36.4	8.1	55.5	0.061	0.504	22.759185	-102.460186
T. C. Ent. Morelos - Saltillo	125.00	1	0	6971	2.7	38.8	5.9	14.7	8.1	17.9	3.6	7.5	0.8	41.5	5.9	52.6	0.061	0.504	22.850681	-102.608478

1 CARR: Aguascalientes - Jalpa

CLAVE: 00095

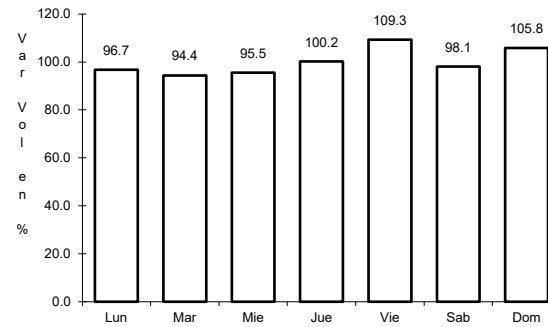
ruta: MEX-070



Km: 0.00

Tipo: 3

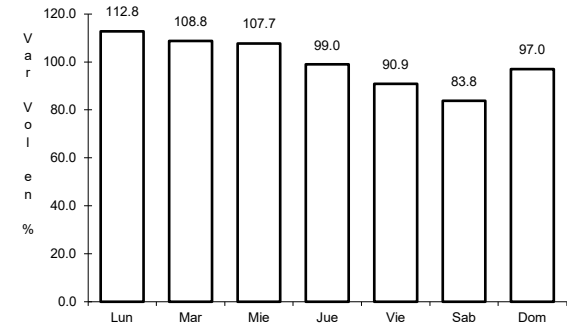
Sent: 1



Km: 0.00

Tipo: 3

Sent: 2



Km: 90.66

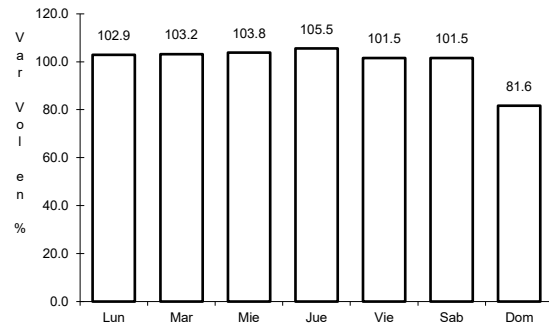
Tipo: 1

Sent: 0

2 CARR: Aguascalientes - Zacatecas

CLAVE: 00524

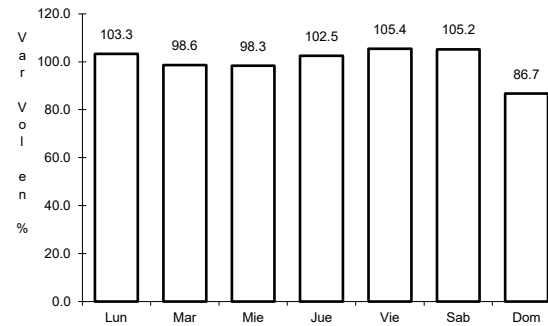
ruta: MEX-045



Km: 6.00

Tipo: 1

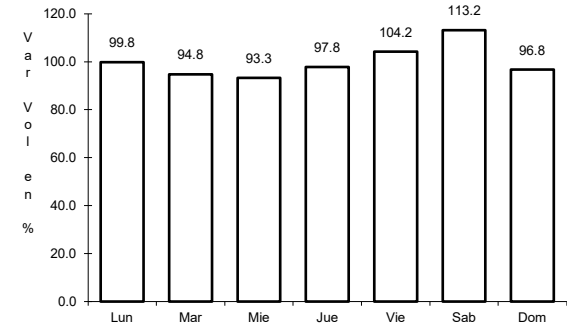
Sent: 1



Km: 6.00

Tipo: 1

Sent: 2



Km: 40.90

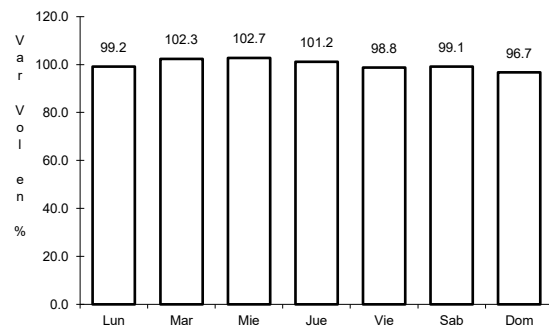
Tipo: 3

Sent: 0

3 CARR: Blvd. Guadalupe - Zacatecas - La Escondida

CLAVE: 00544

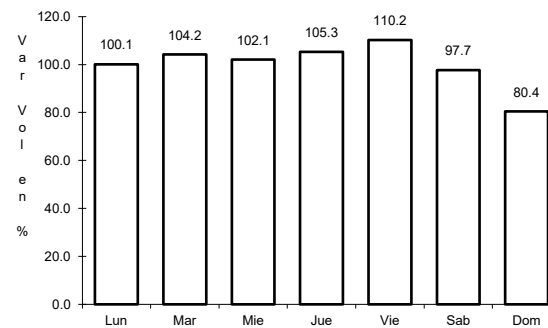
ruta: MEX-045



Km: 7.70

Tipo: 1

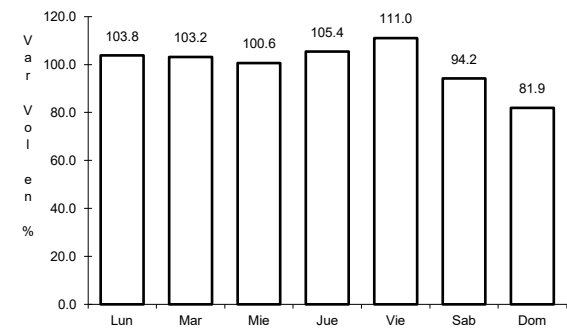
Sent: 1



Km: 7.70

Tipo: 1

Sent: 2



Km: 14.50

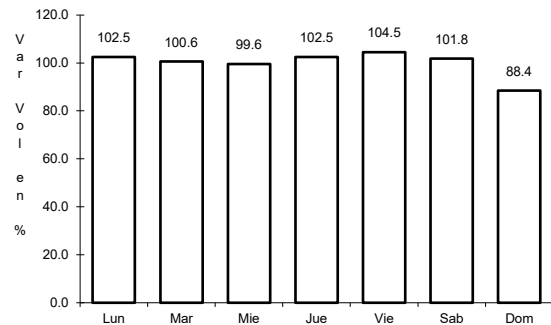
Tipo: 1

Sent: 1

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

CLAVE: 00218

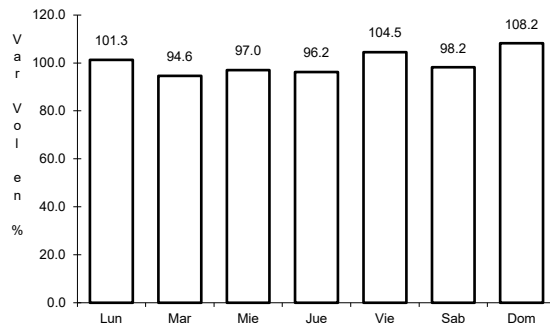
RUTA: MEX-062



Km: 0.00

Tipo: 3

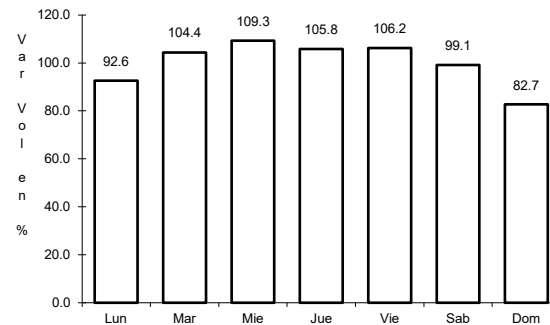
Sent: 0



Km: 18.00

Tipo: 1

Sent: 0



Km: 112.00

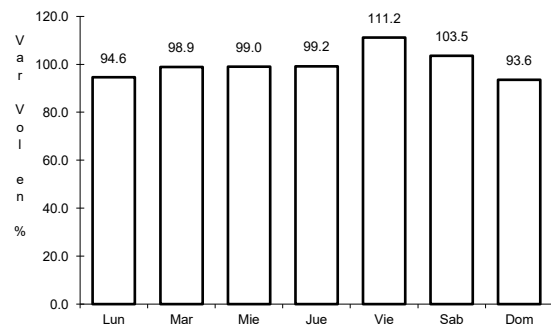
Tipo: 1

Sent: 0

5 CARR: Ent. Cosío - Ent. Cuauhtémoc

CLAVE: 00579

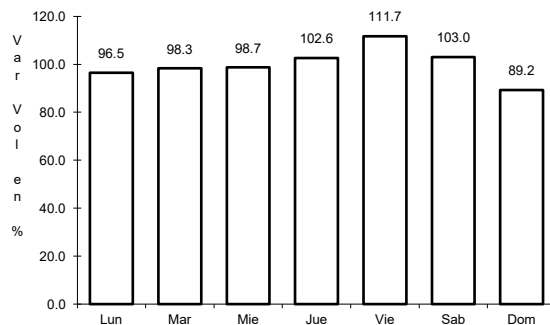
RUTA: MEX-045



Km: 57.20

Tipo: 3

Sent: 0



Km: 70.40

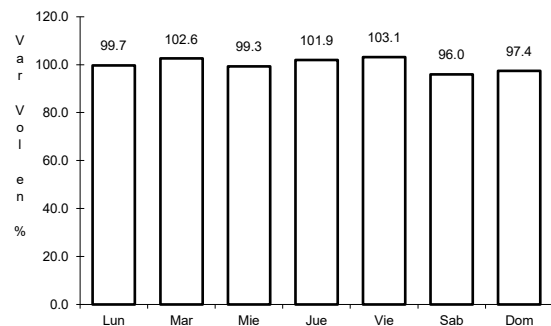
Tipo: 1

Sent: 0

6 CARR: Ent. La Chicharrona - Cuencamé

CLAVE: 00152

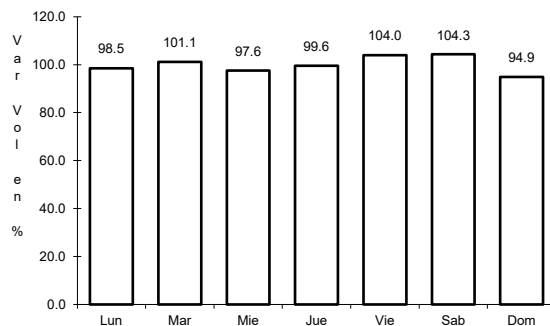
RUTA: MEX-049



Km: 0.00

Tipo: 3

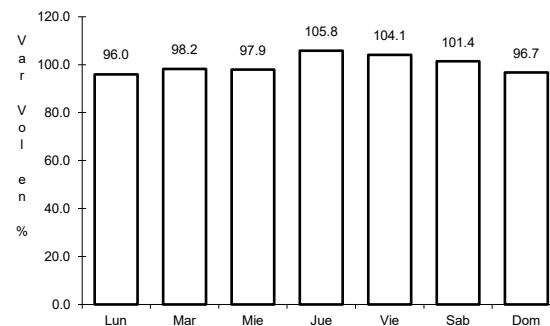
Sent: 1



Km: 0.00

Tipo: 3

Sent: 2



Km: 124.50

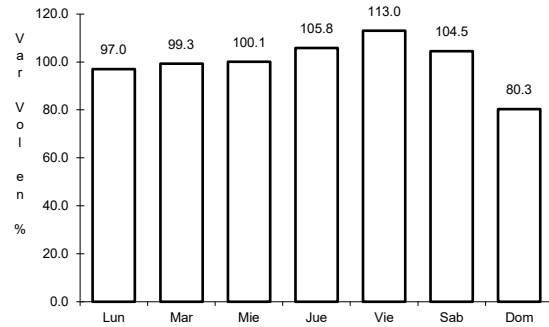
Tipo: 1

Sent: 0

7 CARR: Ent. Morelos - Ent. Noria de Gringos

CLAVE: 00544

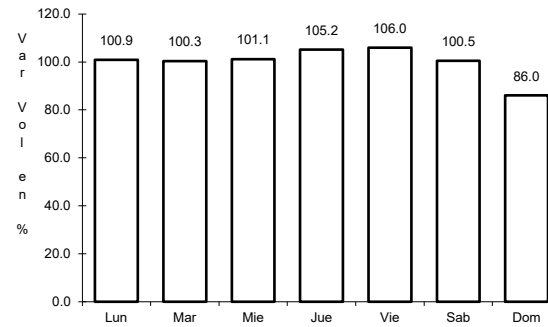
ruta: MEX-045



Km: 0.50

Tipo: 1

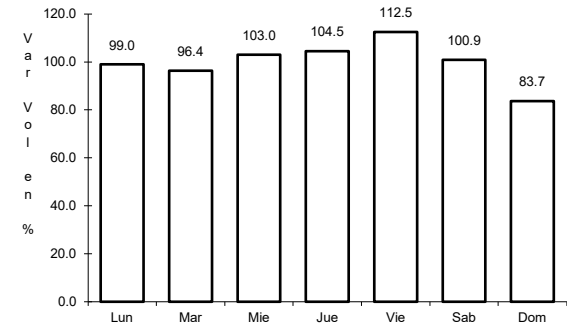
Sent: 1



Km: 0.50

Tipo: 1

Sent: 2



Km: 0.50

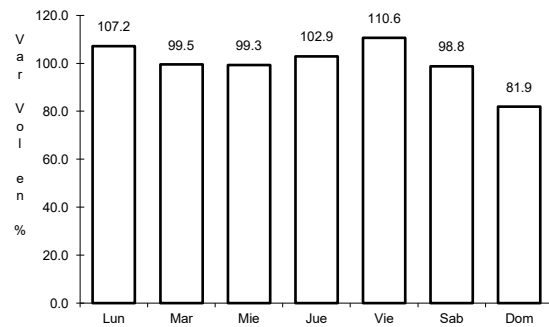
Tipo: 3

Sent: 0

8 CARR: Ent. Morelos - Saltillo

CLAVE: 00149

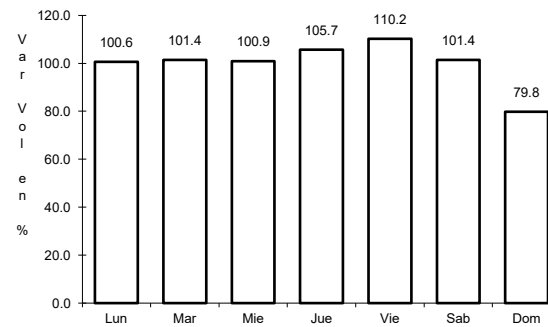
ruta: MEX-054



Km: 0.00

Tipo: 3

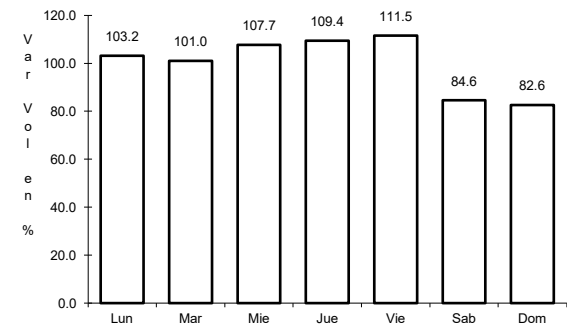
Sent: 1



Km: 0.00

Tipo: 3

Sent: 2



Km: 333.00

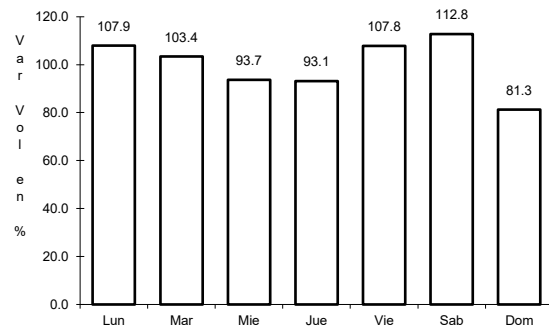
Tipo: 3

Sent: 1

9 CARR: Ent. Rivier - San Marcos

CLAVE: 00285

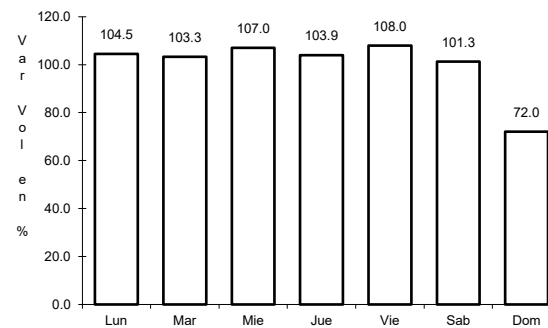
ruta: MEX-066



Km: 0.00

Tipo: 3

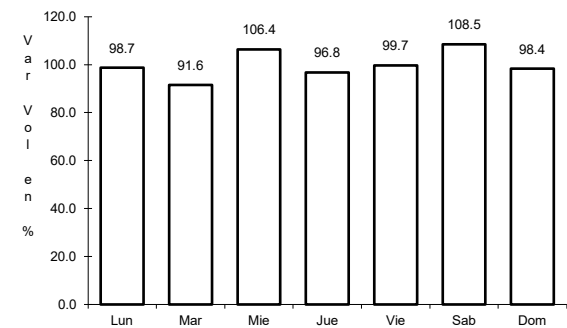
Sent: 1



Km: 0.00

Tipo: 3

Sent: 2



Km: 55.34

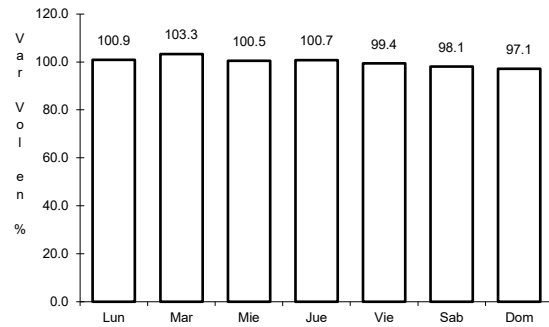
Tipo: 1

Sent: 0

10 CARR: Ent. Tesistán - Ent. Malpaso

CLAVE: 00584

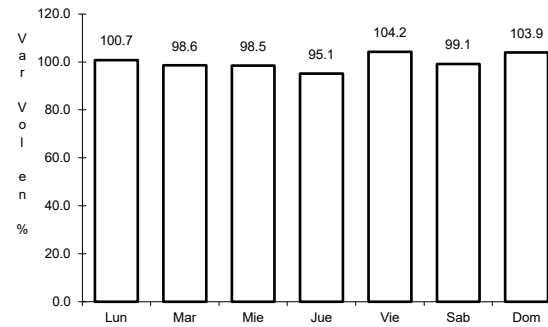
ruta: MEX-023



Km: 64.00

Tipo: 1

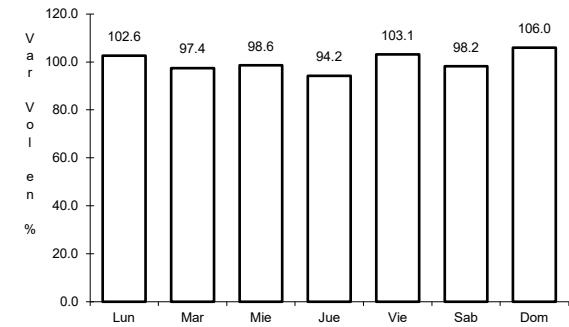
Sent: 0



Km: 284.00

Tipo: 1

Sent: 1



Km: 284.00

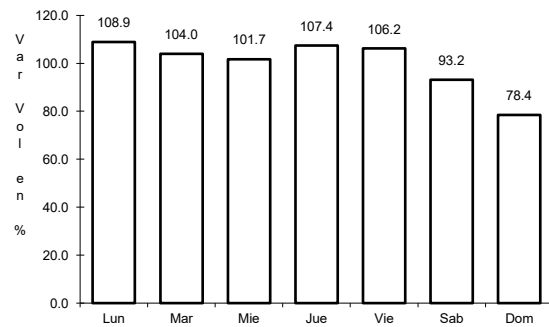
Tipo: 1

Sent: 2

11 CARR: Fresnillo - Valparaíso

CLAVE: 32547

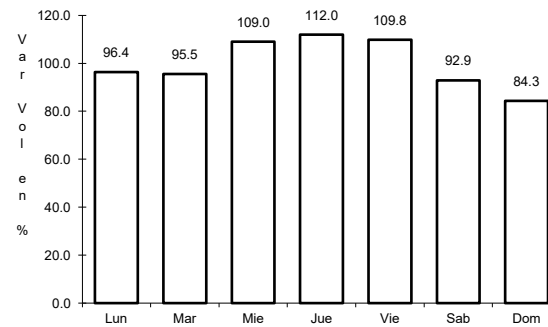
ruta: MEX-044



Km: 0.00

Tipo: 3

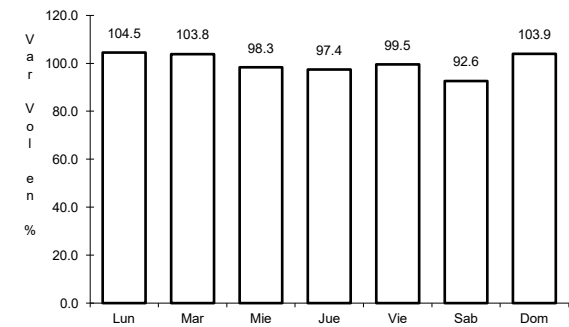
Sent: 0



Km: 45.00

Tipo: 3

Sent: 0



Km: 90.00

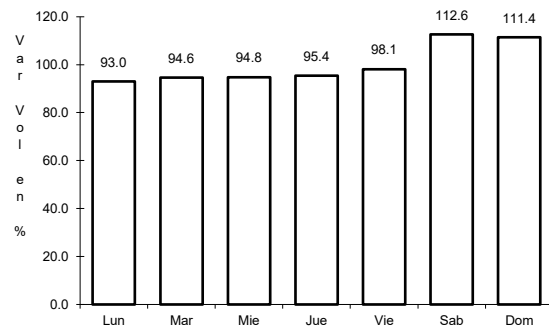
Tipo: 1

Sent: 0

12 CARR: Guadalajara - Zacatecas

CLAVE: 00150

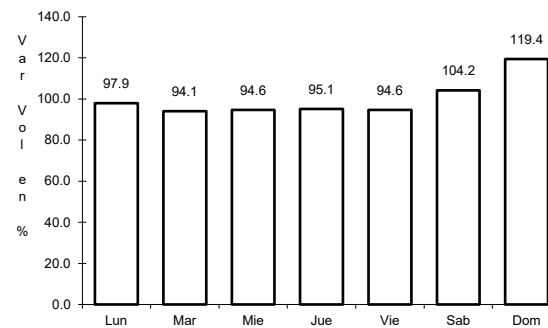
ruta: MEX-054



Km: 6.19

Tipo: 3

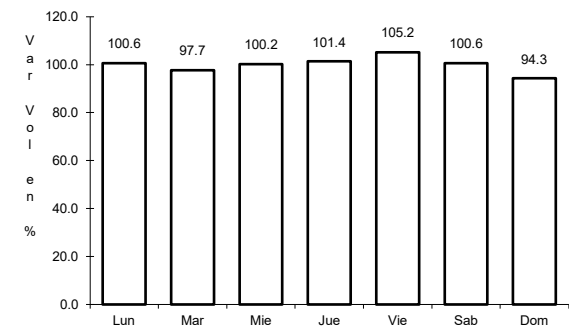
Sent: 1



Km: 6.19

Tipo: 3

Sent: 2



Km: 159.39

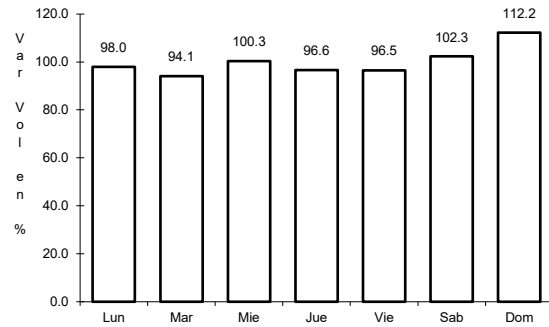
Tipo: 1

Sent: 0

13 CARR: Jerez - Fresnillo

CLAVE: 32542

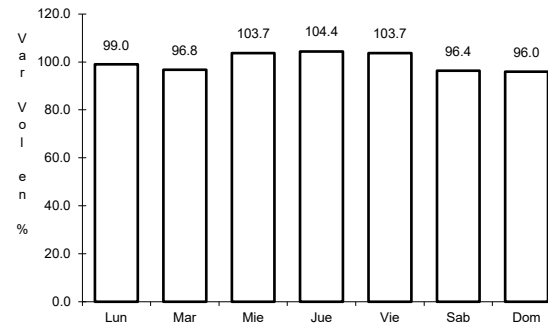
RUTA: MEX-023



Km: 0.00

Tipo: 3

Sent: 0



Km: 60.00

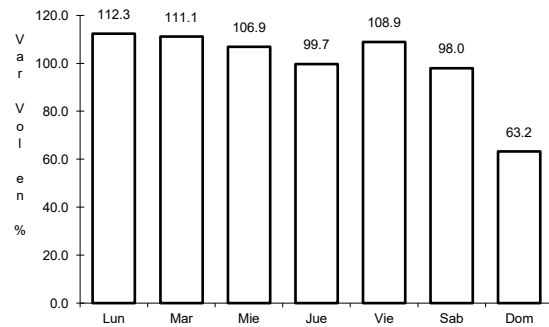
Tipo: 1

Sent: 0

14 CARR: Libramiento de Guadalupe - Zacatecas

CLAVE: 32582

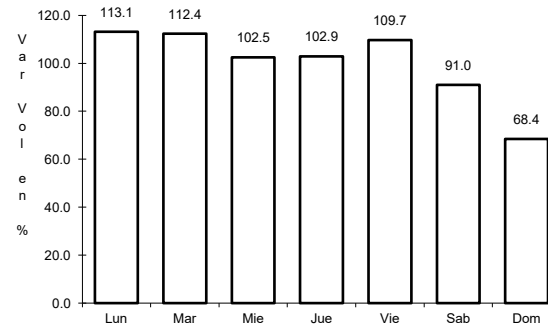
RUTA: MEX-045



Km: 13.00

Tipo: 3

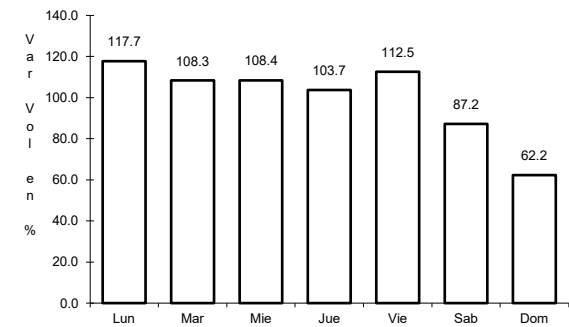
Sent: 1



Km: 13.00

Tipo: 3

Sent: 2



Km: 17.50

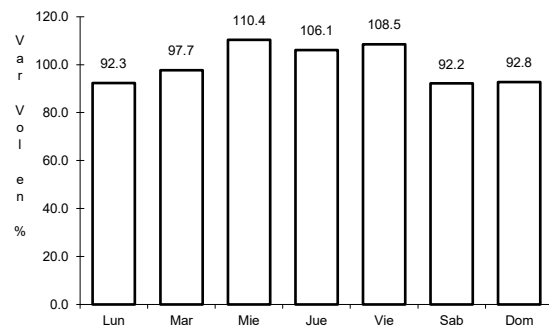
Tipo: 1

Sent: 1

15 CARR: Libramiento de Río Grande

CLAVE:

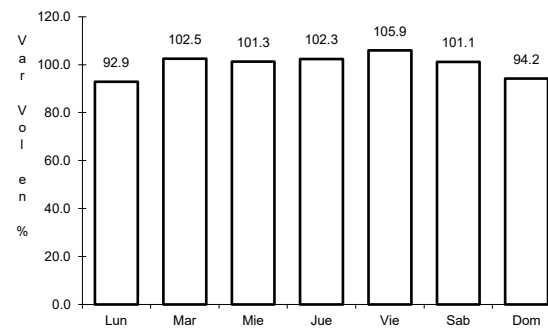
RUTA: MEX-049



Km: 55.90

Tipo: 3

Sent: 0



Km: 68.59

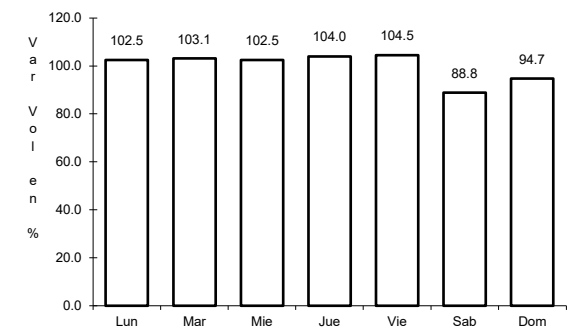
Tipo: 1

Sent: 0

16 CARR: Libramiento de Sombrerete

CLAVE:

ruta: MEX-045

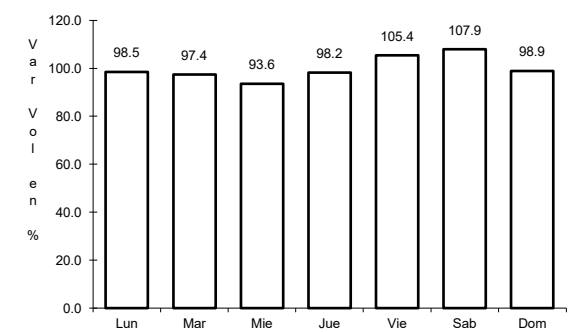


Km: 163.50 Tipo: 1 Sent: 0

17 CARR: Libramiento de Tabasco

CLAVE:

ruta: MEX-054

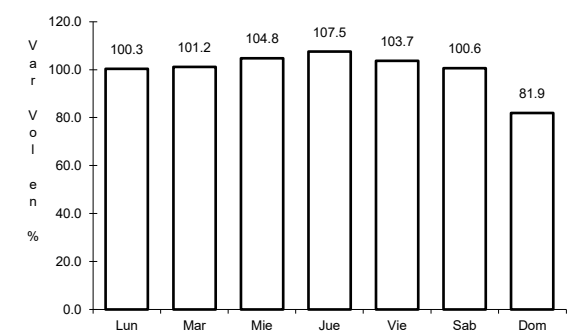


Km: 190.10 Tipo: 1 Sent: 0

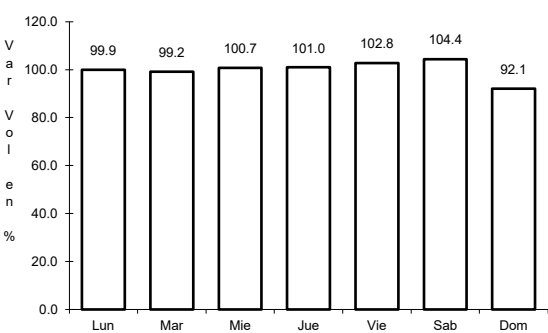
18 CARR: Providencia - Luis Moya

CLAVE: 00112

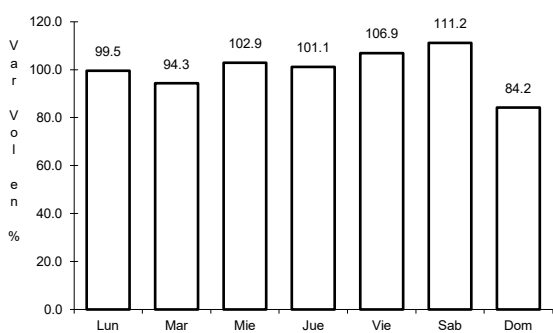
ruta: MEX-071



Km: 0.00 Tipo: 3 Sent: 0



Km: 21.22 Tipo: 3 Sent: 0

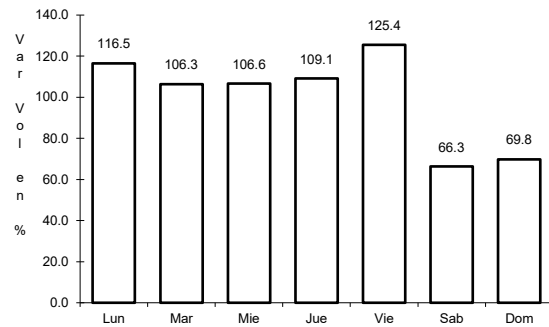


Km: 43.52 Tipo: 1 Sent: 0

19 CARR: Ramal a Aeropuerto Zacatecas

CLAVE: 32546

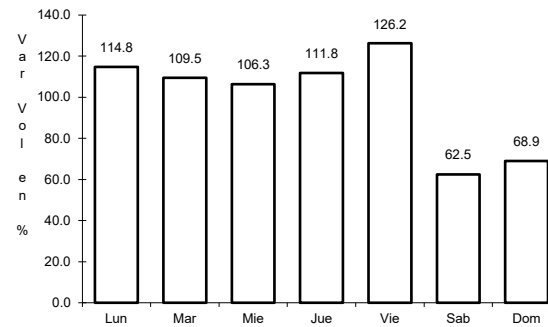
ruta: MEX-045



Km: 0.00

Tipo: 3

Sent: 1



Km: 0.00

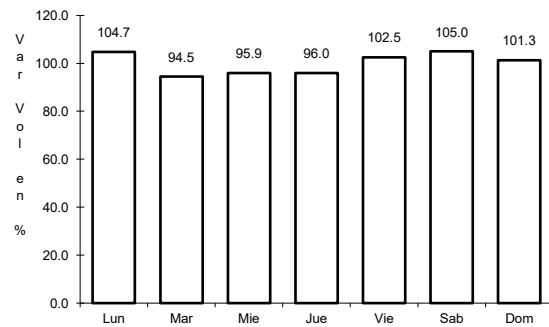
Tipo: 3

Sent: 2

20 CARR: Ramal a Concepción del Oro

CLAVE: 32565

ruta: MEX-054



Km: 0.00

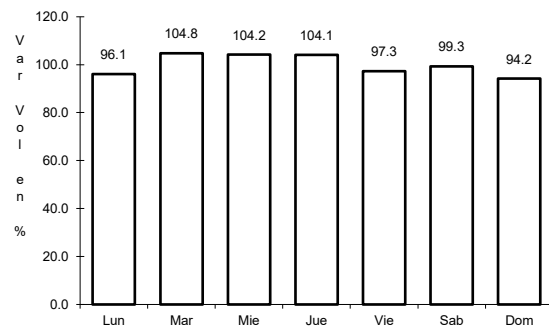
Tipo: 3

Sent: 0

21 CARR: Ramal a Francisco Murguía (Nieves)

CLAVE: 32541

ruta: MEX-049



Km: 0.00

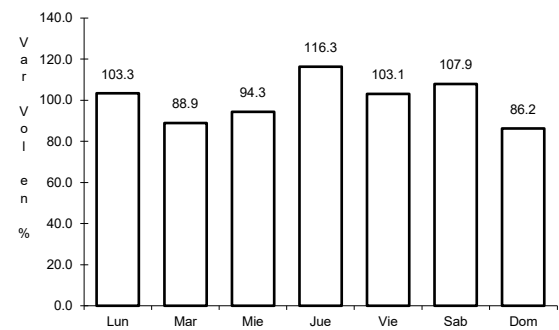
Tipo: 3

Sent: 0

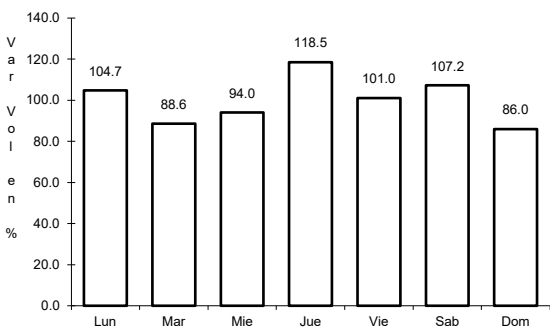
22 CARR: Ramal a Gral. Pánfilo Natera

CLAVE: 32559

ruta: MEX-049



Km: 0.00 Tipo: 3 Sent: 1

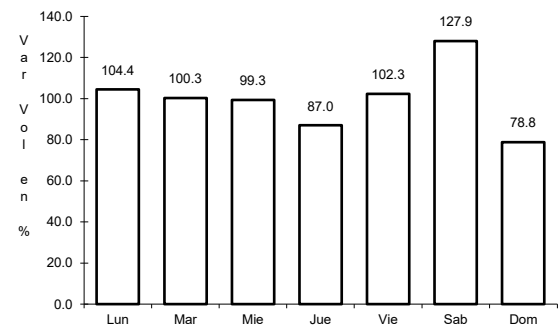


Km: 0.00 Tipo: 3 Sent: 2

23 CARR: Ramal a Ruinas de Chicomostoc

CLAVE: 00544

ruta: MEX-045

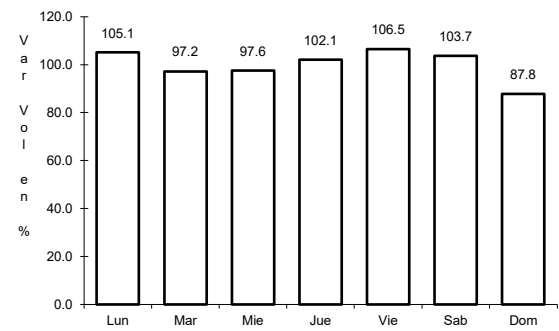


Km: 0.00 Tipo: 3 Sent: 0

24 CARR: Ramal a San Martín

CLAVE: 00544

ruta: MEX-045

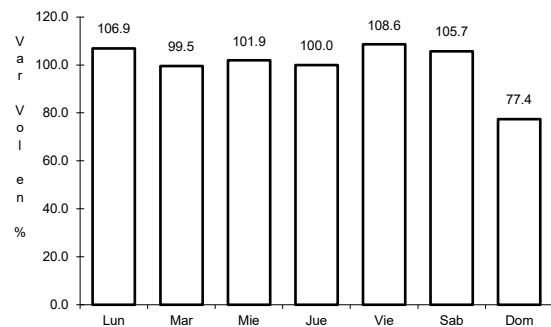


Km: 0.00 Tipo: 3 Sent: 0

25 CARR: Ramal a Villa de Cos

CLAVE: 32564

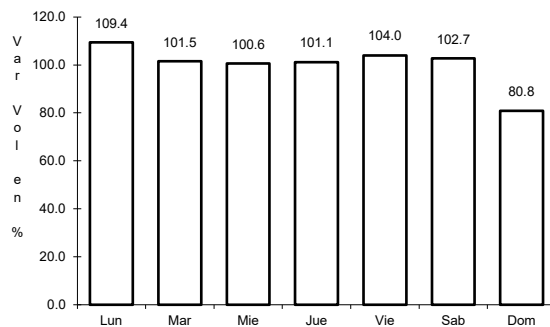
ruta: MEX-054



Km: 0.00

Tipo: 3

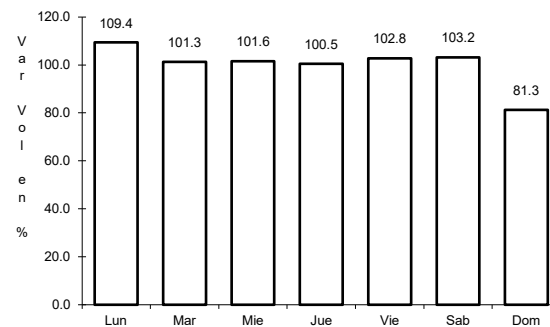
Sent: 1



Km: 0.00

Tipo: 3

Sent: 2



Km: 3.30

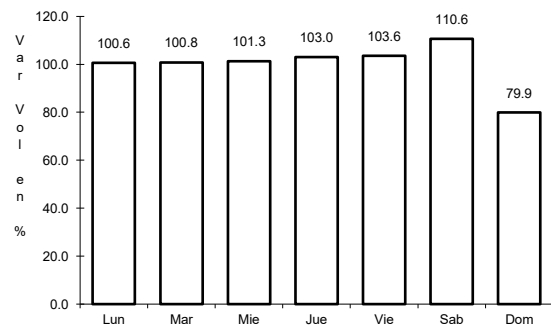
Tipo: 1

Sent: 1

26 CARR: San Luis Potosí - Ent. Arcinas

CLAVE: 00134

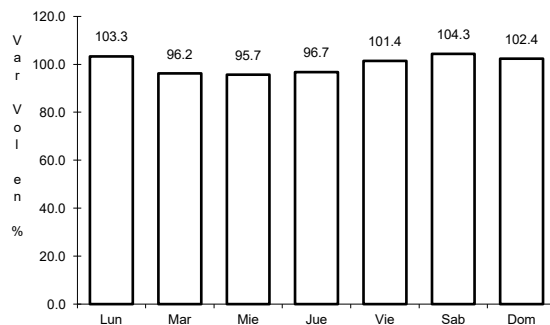
ruta: MEX-049



Km: 9.35

Tipo: 3

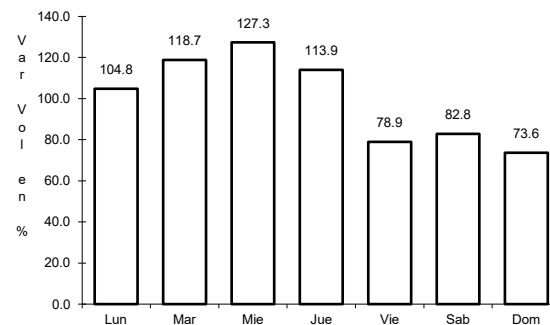
Sent: 1



Km: 9.35

Tipo: 3

Sent: 2



Km: 162.98

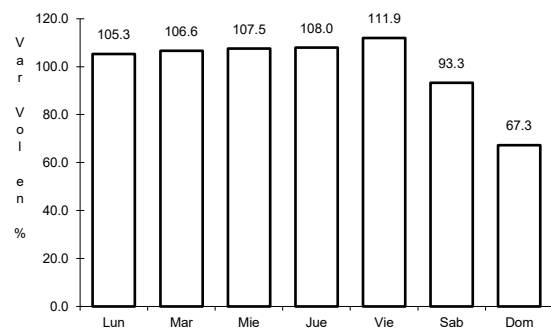
Tipo: 1

Sent: 1

27 CARR: San Luis Potosí - Lagos de Moreno

CLAVE: 00133

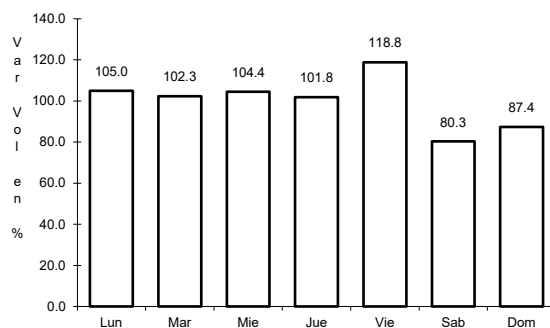
ruta: MEX-070-080



Km: 0.00

Tipo: 3

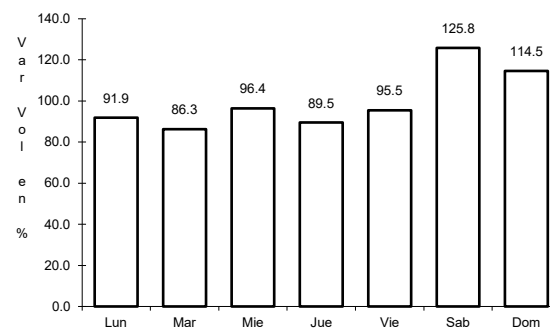
Sent: 1



Km: 0.00

Tipo: 3

Sent: 2



Km: 61.90

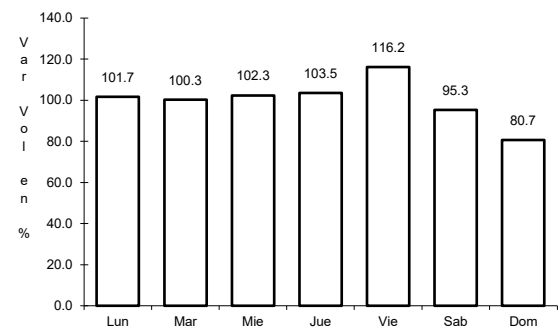
Tipo: 3

Sent: 0

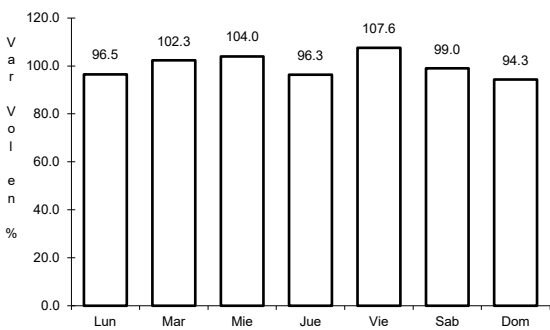
28 CARR: Zacatecas - Durango

CLAVE: 00544

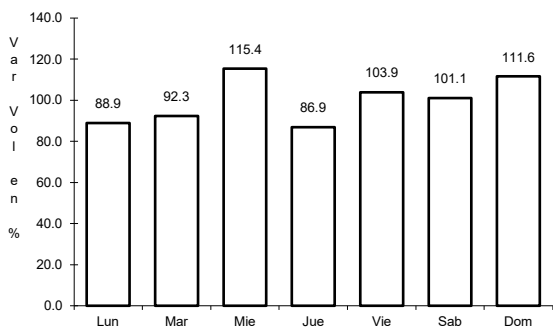
ruta: MEX-045



Km: 6.40 Tipo: 3 Sent: 1



Km: 6.40 Tipo: 3 Sent: 2

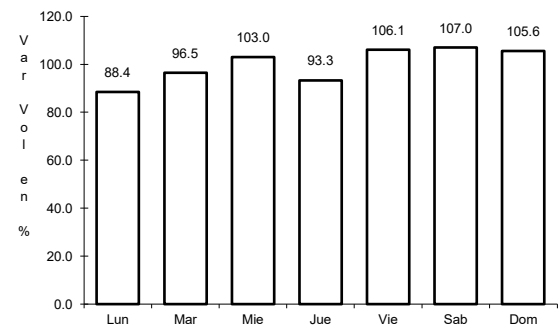


Km: 261.70 Tipo: 1 Sent: 0

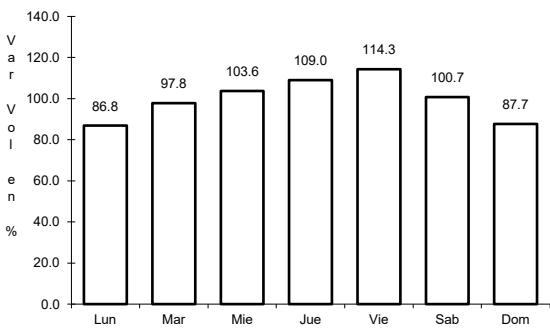
29 CARR: Ent. Cuauhtémoc - Ent. Osiris (Cuota)

CLAVE: 32558

ruta: MEX-045D



Km: 70.40 Tipo: 3 Sent: 0

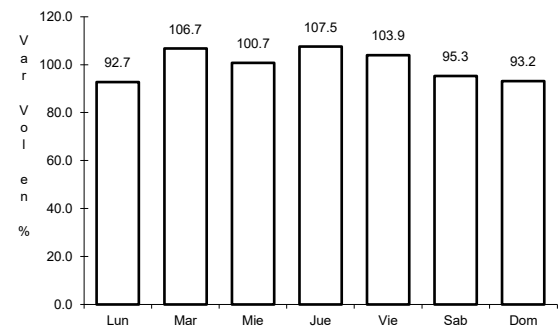


Km: 103.40 Tipo: 1 Sent: 0

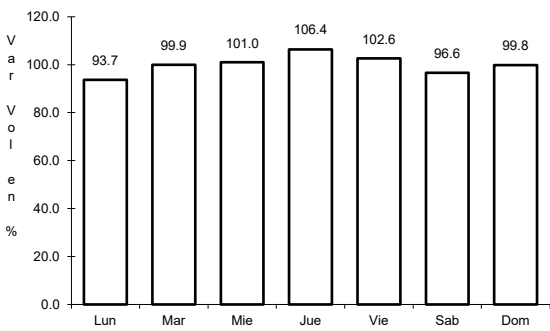
30 CARR: Libramiento de Fresnillo (Cuota)

CLAVE: 32581

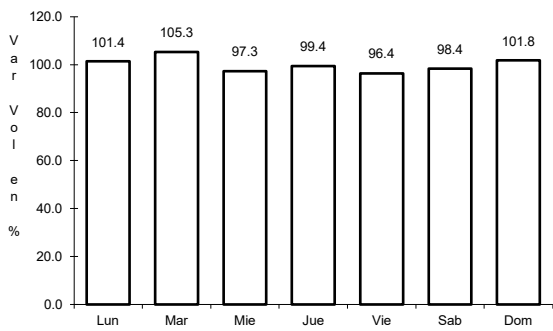
ruta: MEX-045D



Km: 49.80 Tipo: 3 Sent: 1



Km: 49.80 Tipo: 3 Sent: 2

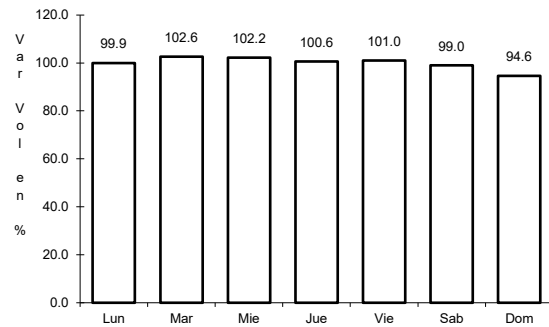


Km: 69.85 Tipo: 1 Sent: 1

31 CARR: Libramiento de Víctor Rosales (Cuota)

CLAVE: 32015

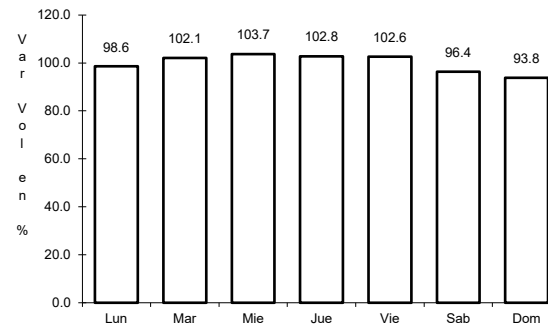
ruta: MEX-045D



Km: 26.00

Tipo: 3

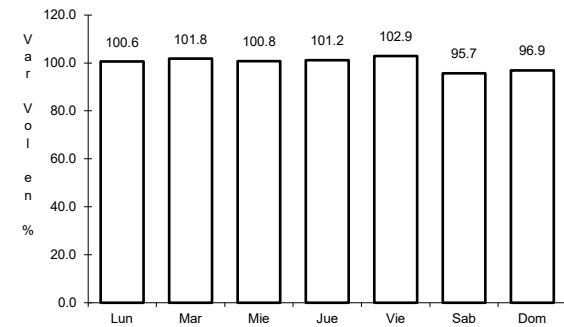
Sent: 1



Km: 26.00

Tipo: 3

Sent: 2



Km: 36.36

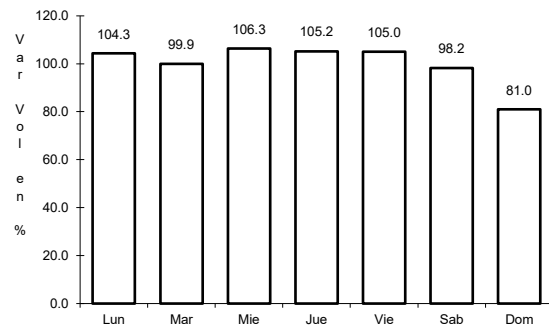
Tipo: 1

Sent: 1

32 CARR: Calera de Víctor Rosales - Santiaguillo

CLAVE: 32016

ruta: ZAC-016



Km: 0.00

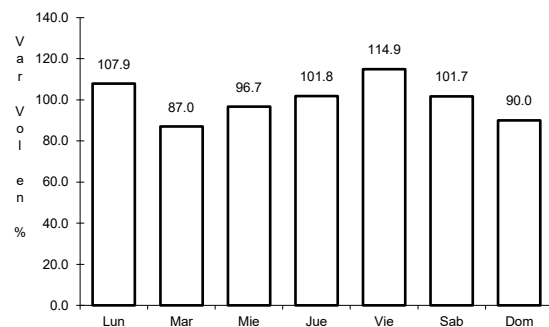
Tipo: 3

Sent: 0

33 CARR: Cieneguillas - Zacatecas

CLAVE: 32579

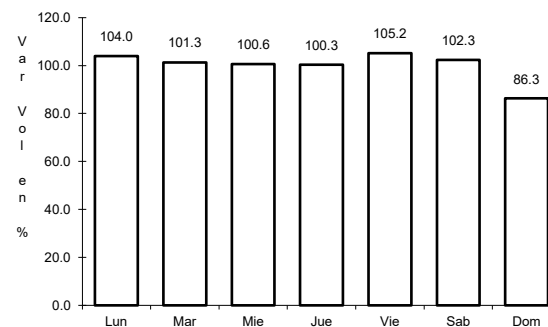
ruta: ZAC



Km: 0.00

Tipo: 3

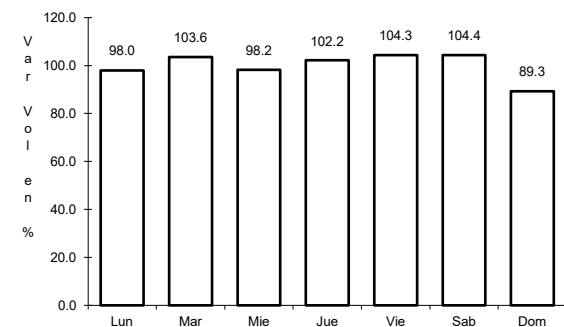
Sent: 0



Km: 7.70

Tipo: 3

Sent: 1



Km: 7.70

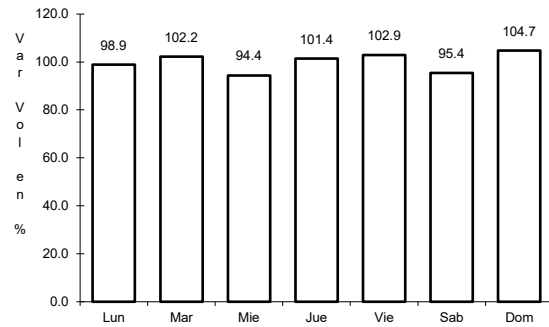
Tipo: 3

Sent: 2

34 CARR: Corral de Piedras - Tlaltenango

CLAVE: 32579

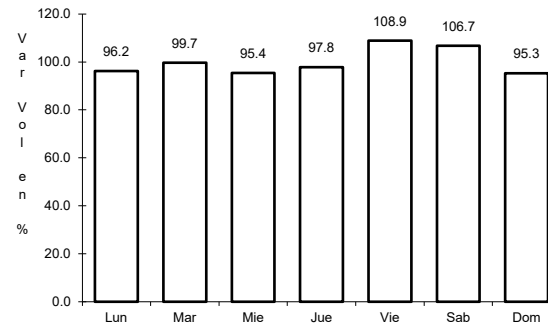
RUTA: ZAC



Km: 0.00

Tipo: 3

Sent: 0



Km: 57.10

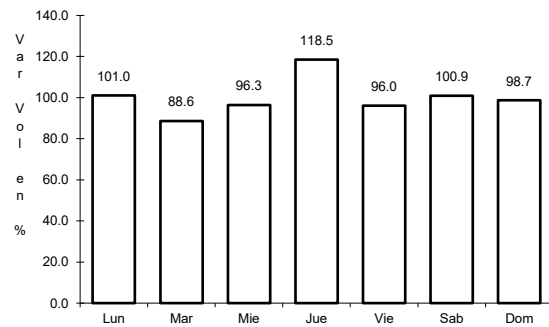
Tipo: 1

Sent: 0

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

CLAVE: 00126

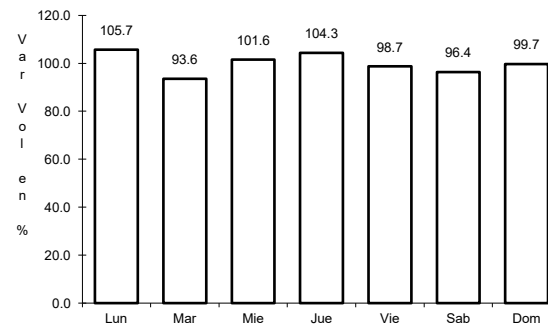
RUTA: ZAC



Km: 0.00

Tipo: 3

Sent: 0



Km: 16.00

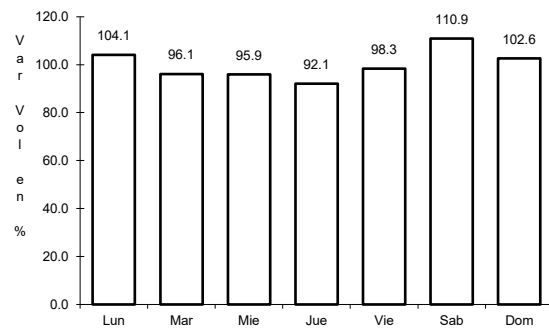
Tipo: 3

Sent: 0

36 CARR: Fresnillo - Ent. Bañón

CLAVE: 32070

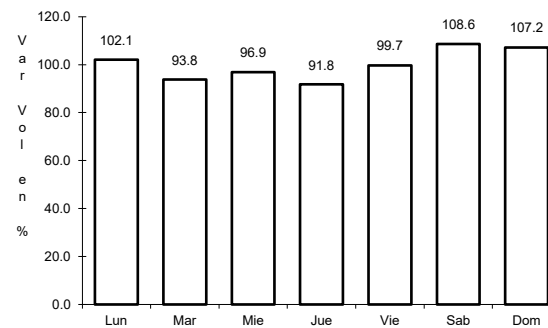
RUTA: ZAC



Km: 2.40

Tipo: 3

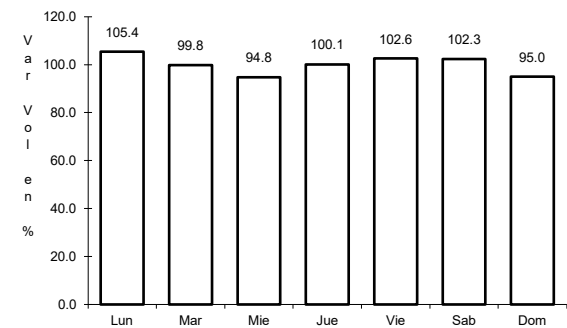
Sent: 1



Km: 2.40

Tipo: 3

Sent: 2



Km: 49.00

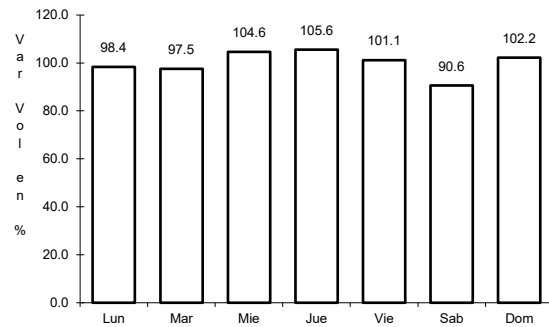
Tipo: 1

Sent: 0

37 CARR: Fresnillo - Plateros

CLAVE: 32022

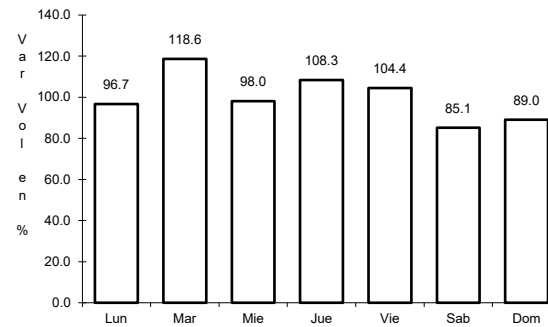
RUTA: ZAC-022



Km: 0.00

Tipo: 3

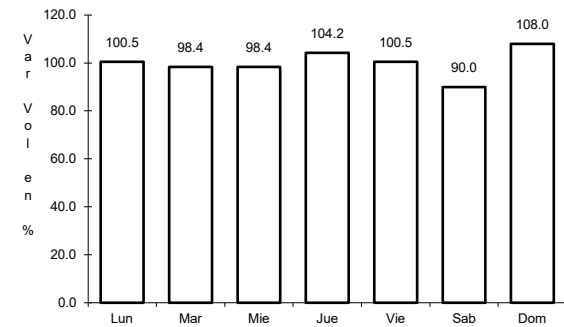
Sent: 1



Km: 0.00

Tipo: 3

Sent: 1



Km: 0.00

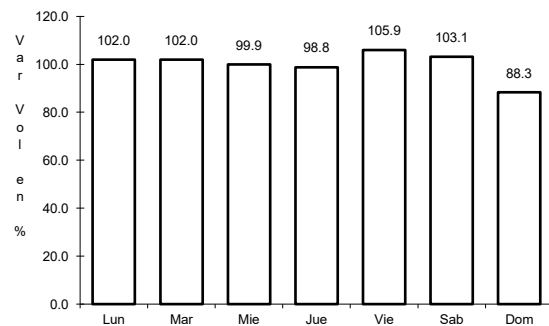
Tipo: 3

Sent: 2

38 CARR: Guadalupe - Ent. Cuauhtémoc

CLAVE: 00579

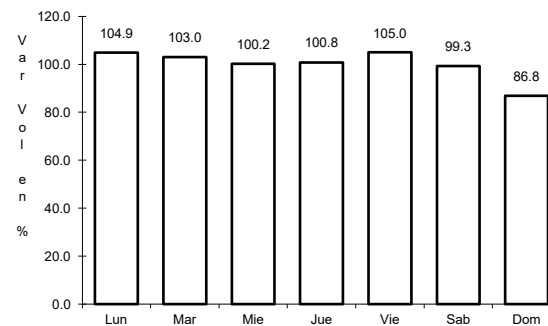
RUTA: ZAC-118



Km: 0.00

Tipo: 3

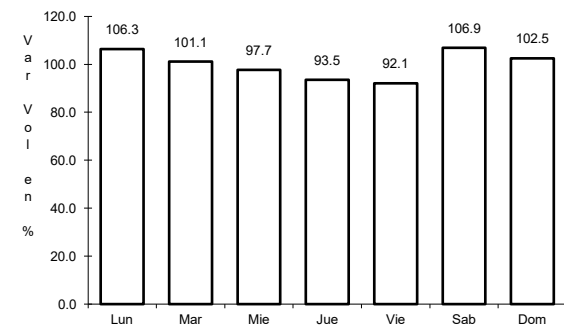
Sent: 1



Km: 0.00

Tipo: 3

Sent: 2



Km: 39.31

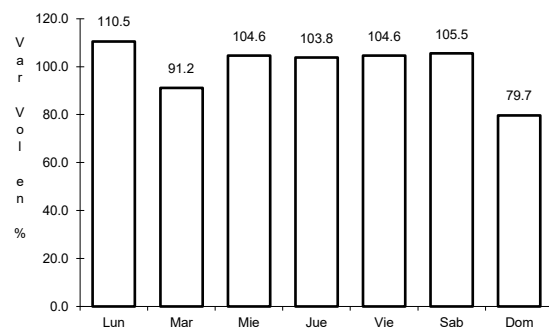
Tipo: 3

Sent: 0

39 CARR: Ramal a Loreto

CLAVE: 32067

RUTA: ZAC



Km: 0.00

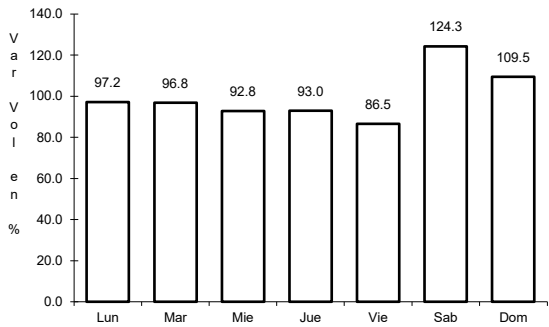
Tipo: 3

Sent: 0

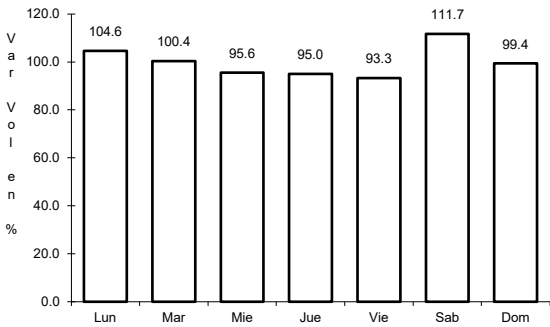
40 CARR: Ramal a Nochistlán

CLAVE: 32545

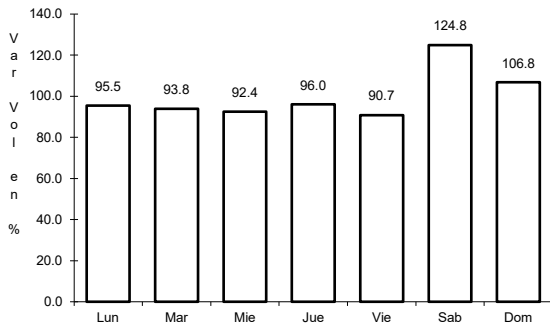
ruta: ZAC



Km: 0.00 Tipo: 3 Sent: 1



Km: 0.00 Tipo: 3 Sent: 2

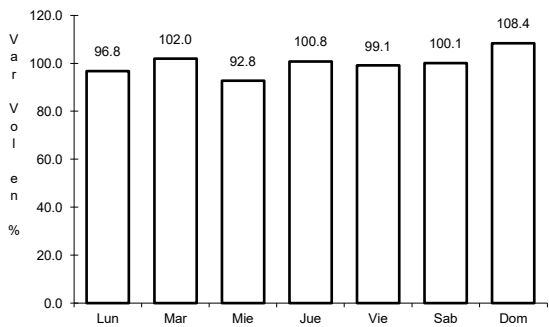


Km: 5.70 Tipo: 1 Sent: 1

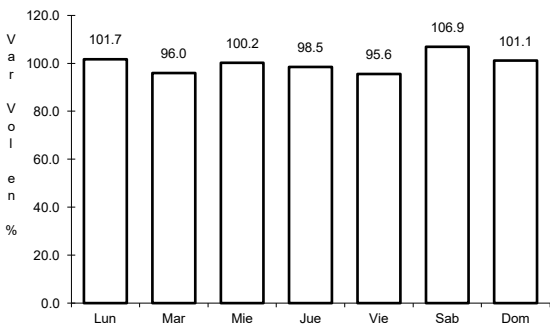
41 CARR: Ramal a San Pedro Piedra Gorda

CLAVE: 00553

ruta: ZAC-AGS



Km: 0.00 Tipo: 3 Sent: 0

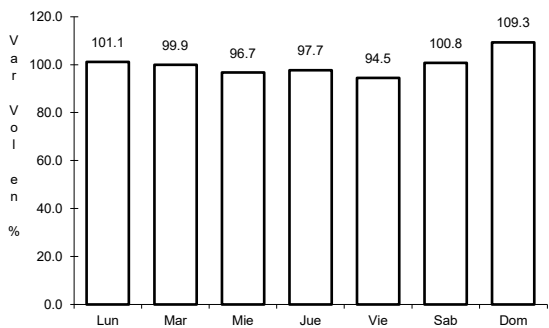


Km: 9.00 Tipo: 1 Sent: 0

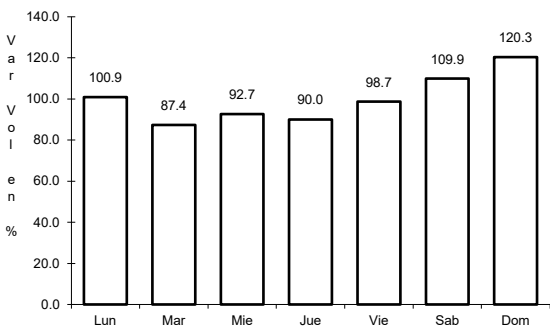
42 CARR: San Gil - Jarillas

CLAVE: 00527

ruta: AGS-012-ZAC



Km: 0.00 Tipo: 3 Sent: 0

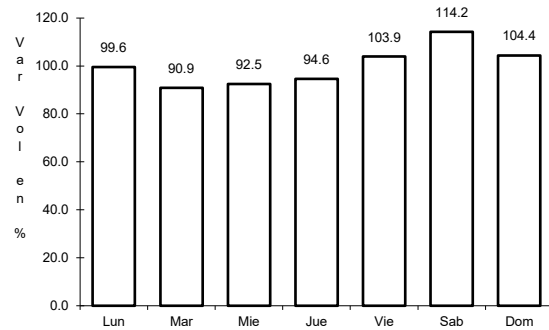


Km: 5.40 Tipo: 1 Sent: 0

43 CARR: San Rafael - Villa García

CLAVE: 00525

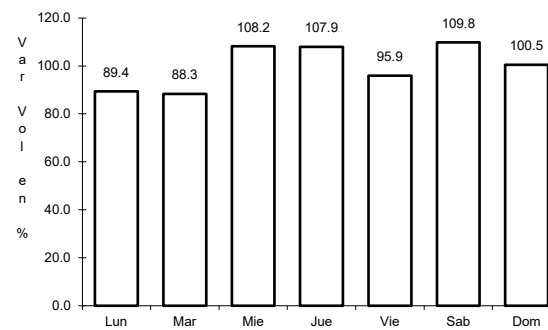
RUTA: AGS-ZAC



Km: 0.00

Tipo: 3

Sent: 0



Km: 10.00

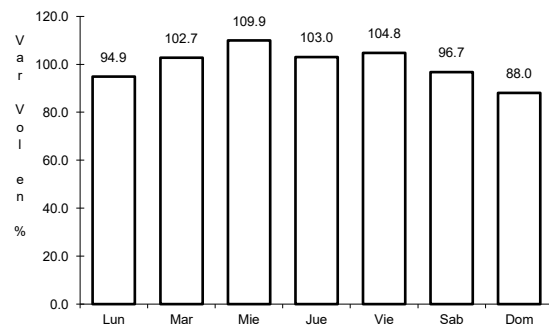
Tipo: 1

Sent: 0

44 CARR: Santa Mónica - Pozo de Gamboa

CLAVE: 32568

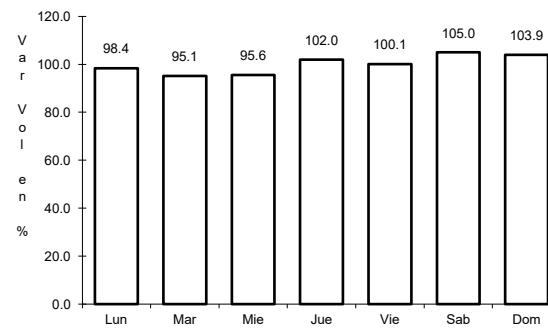
RUTA: ZAC



Km: 0.00

Tipo: 3

Sent: 0



Km: 7.60

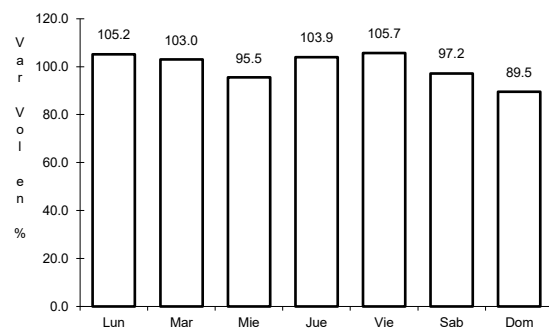
Tipo: 3

Sent: 0

45 CARR: Sombrerete - González Ortega

CLAVE: 32568

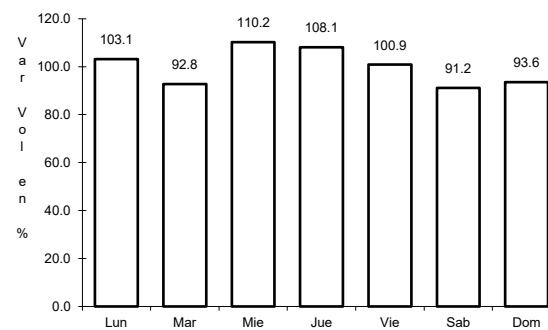
RUTA: ZAC



Km: 0.00

Tipo: 3

Sent: 0



Km: 38.70

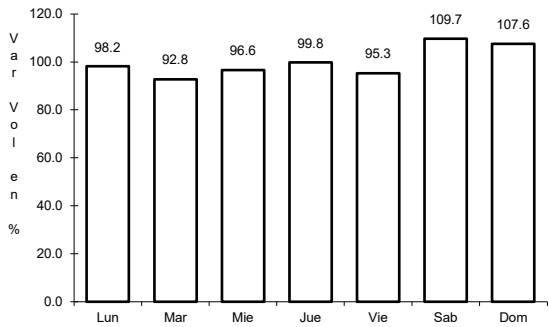
Tipo: 1

Sent: 0

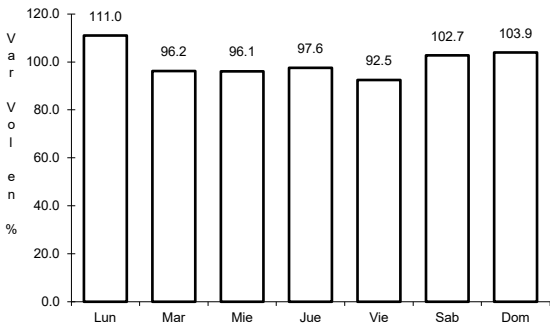
46 CARR: Yahualica - Jaralillo

CLAVE:

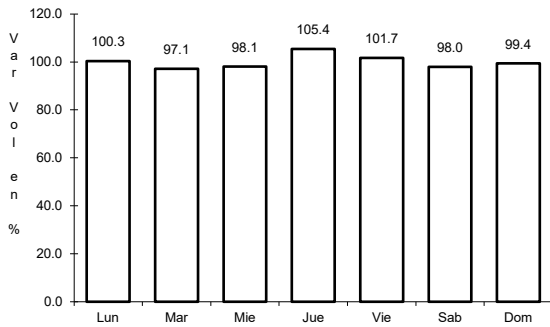
ruta: JAL-ZAC



Km: 0.00 Tipo: 3 Sent: 1



Km: 0.00 Tipo: 3 Sent: 2

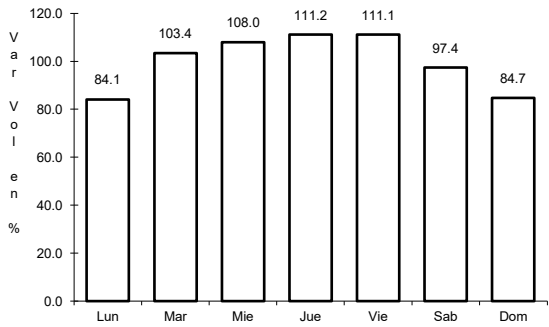


Km: 96.00 Tipo: 1 Sent: 0

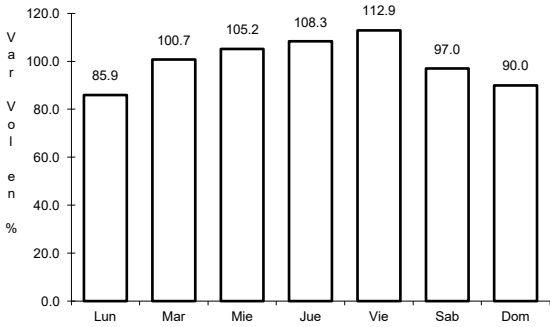
47 CARR: Libramiento Noreste de Zacatecas (Cuota)

CLAVE: 32582

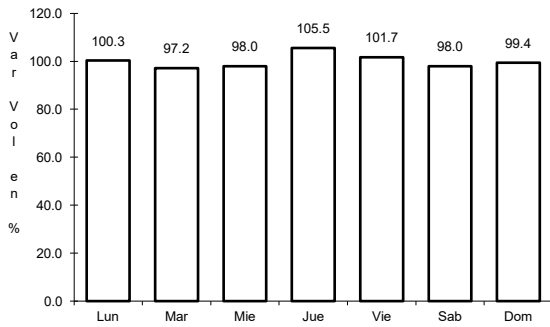
ruta: ZAC-D



Km: 102.00 Tipo: 3 Sent: 0



Km: 125.00 Tipo: 1 Sent: 0



Km: 157.00 Tipo: 1 Sent: 0